

The SPEEDX Awards

Harold Woering
48 Campbell Drive
Easthampton, MA
01027-2724

Hello again and welcome to another SPEEDX awards update. I hope everyone made it through the winter OK? It was a rough one with lots of snow in the New England area. So, let's get right to it. There were quite a few of you that received either new awards or upgrades. Those cold winter days and nights must have brought in some good DX. Congrats to the following:

Asian: James Clar - 25
Americas: Cary Garrison - 15
Cruise Ships: Richard Baker - 5
Wayfarer: Cary Garrison, Roy Stout
Middle East: James Clar - 10

African: James Clar - 25
Utility: Richard Baker - 100
Armed Forces: Richard Baker - 75
Way Down Under: James Clar

Eddie should be happy now. I wrote this in Word Perfect. It only took 2 years!!!

For a copy of the Awards Pamphlet, drop me a note along with a check made out to me for US \$2.00 or 4 IRC's. Initial awards are \$1.00 and upgrade stickers are available for an SASE.

73's and good DXing, Harold

SHORTWAVE RADIO TODAY

MAY, 1993

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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

MAY 1993

GREETINGS FROM WHEELING

In the words of the immortal Hall-of-Famer Harry Caray, "Hello again everybody!" It's been another exciting month on the bands as always! Unfortunately, I have not been part of it as there is a three-month old that has been demanding a great deal of my attention lately, but I must admit it is time well-spent. Actually, in those first few weeks, I did get in some interesting listening during the 3 am feedings, but the little one is sleeping through the night so I have no real good excuse to get up at 0800 UTC anymore.

Now that the static is increasing on the airwaves, take some extra time to write in to the SPEEDX bulletin. Do you have any

interesting stories or opinions to share with the membership? Run across any amusing anecdotes or shortwave-related articles in your local paper? Find out a hot tip about some new station? There is a place for your words of wisdom right here, my friends, just drop me a line! Many thanks to those of you who have been sending in so many great contributions!

By the way, be watching for an announcement here about a Macintosh Hypercard stack I am developing that will provide you a fun way to keep track of your loggings in a graphic format. I plan to finish it sometime next month. And now, on with the show. . . GO CUBS!

FIRE AT WWCR

from World of Radio #690

By now most of you have heard about the fire that wiped out the WWCR studios and transmitters. Here is the latest on the situation from General Manager George McClintock, as told to Glenn Hauser over the phone on April 15.

All that is left of the studio/transmitter building is two walls; the rest has been leveled and hauled away. Continental is building two temporary transmitters that should be completed by late May or early June and back on the air soon afterwards. They do have one AM transmitter back on the air, WNQM, 1300 kHz, with 1 kw of power. Luckily, the antenna array was not affected, and most of the damage will be covered by insurance.

It has been determined that the fire was most likely caused by arson. Investigators believe that one gallon of gasoline was used to ignite the blaze behind the building in an area hidden from view (they will be adding extra security measures for the new structure). By examining which insulators on the transmission lines were melted and which were not, they were able to track the progression of the fire. Coming in through the transmission line window, it quickly went between the ceiling and the roof and traveled

to the center of the building, burning out the sprinkler system before it could become operational. The ceiling then collapsed, and by the time it was discovered by the nighttime staff, it was burning out of control.

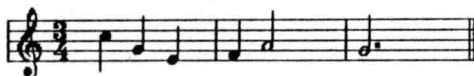
McClintock believes that the arsonist knew exactly what to do and that it was probably someone who is opposes the free flow of information. The arsonist presumably takes issue with one or two programs, but by his or her actions, silenced all of them. Many of these programs have found time on different stations but will return to WWCR when it is again on the air. McClintock warned these other broadcasters to be careful not to become a target themselves.

By the way, as a personal aside, I took some not so veiled swipes at WWCR in last month's column. I wrote these before the tragedy, and I hope that you, my fellow members, understand that it was not meant maliciously and that I feel that burning down a radio station because you disagree with its programming is reprehensible and un-American. (If it were okay, I would have torched the local top-40 station years ago.) My apologies to anyone I inadvertently offended.

RADIO SLOVAKIA INTERNATIONAL

I hope you all have had a chance to hear Slovakia's new external service. I have only monitored it once, so I do not have any interesting or timely information about schedules, address or QSLs. However, I

was able to transcribe its interval signal, and you know my thing for interval signals, so here's another to add to your collection:





RADIO NETHERLANDS RUSSIAN RELAYS

from *On Target*, 3/93, direct

(Excerpts from an article updating the RN Russian relay situation)

Radio Netherlands has signed a contract with the Russian Ministry of Communications. The test transmission period at the end of the winter season shows that the signals to the Far East and South Asia have significantly improved. Minne Dijkstra, Chairman of RN's Board of Management, says it is an important step forward in the station's audibility campaign.

"We took initiatives in the sixties that led to the construction of two relay stations, on Bonaire and Madagascar," says Dijkstra. "From these relay transmitters and our facilities in the Flevo polder, we aim to provide a reliable signal all the year round to as many target areas as possible. Asia, particularly Southeast Asia, has proven a problem in recent years. Signals from both Madagascar and Flevoland have to travel a long distance. They simply cannot compete with other European broadcasters who have established relay bases on the Asian continent. We tried to establish our facility in Thailand together with the BBC. But whereas the British government supported the move, we didn't get the financial backing from The Hague. But we didn't abandon the plans. . . we just modified them!"

Jan Willem Drexhage, head of RN's Frequency Bureau, says they have done extensive propagation research to choose the best sites for the relay. "We have a reliable network of volunteer monitors in the region," he reports. "We also visit the region to do

band-scans. Sometimes a move that looks good on a printed frequency listing can turn out to be a disaster in practice. We have also developed a remote system for monitoring. We are gradually placing communications receivers in several major target areas. These radios listen to our signals and conduct band-scans. The information is fed to Hilversum by telephone."

Gijs Pappot, Director of Engineering Services says that the audio quality broadcast from sites in the CIS has to be as good as possible. "Programs to these remote transmitter sites are all fed from a central distribution center in Moscow. It was clear that we would have to connect our studio center in Hilversum to Moscow using a satellite link. We could have joined other broadcasters by renting a satellite subcarrier on one of the many satellites serving Europe. Although this would allow dish owners to hear the feed, our research shows that there is not a very large audience who turns on their TV sets in order to listen to a radio program. We chose a much more cost-effective solution, a digital feed using the "ComStream" system. We can uplink this from any point in Europe. Tests on our existing service via PanAmsat have been successful. The system is robust, but it does require a specially designed receiver costing about \$2,000. This puts the system beyond the means of the average consumer, but it is a small price to pay for a reliable communications circuit."

RADIO VERONICA—THE FIRST PIRATE RADIO SHIP

by Bob Fraser

Illegal radio broadcasters are as old as radio itself, and while these "pirate" stations delight some and infuriate others, they are a fact of life. In the beginning, a number of these broadcasters put out to sea benefiting from international law to avoid arrest. The first of these floating pirate radio stations was Radio Veronica off of the Netherlands.

The station was aboard the former Borkum Riff Lightship. This German lightship station existed from 1875 to 1988 (Germany's last) off the mouth of the Ems River and some 54 miles northwest of the city of Emden. The world's

first coast radio station was established on the first Borkum Riff Lightship, officially going into operation on May 15, 1900. On 1905, its call became FBR. The lightship which concerns, however, us is the third of the four to mark the station.

She was built in 1911, and the graceful, 141-foot, 485-ton, red vessel resembled the two earlier ones in having a clipper bow, bowsprit and three masts. The main (center) mast was taller and was topped by a black conical basket as a daytime marker and shone a red light at night. The fore and after masts



were each topped by a black spherical basket daymark and white lights. Each light was by a group of three small fresnel lenses with kerosene burners. In 1918, they were electrified, and in 1925 the mainmast was replaced by a thin tube tower holding a revolving optic. The ship was in port during both world wars but returned to station once peace was restored. She was the Borkum Riff Lightship until 1956.

Retired in 1959, the lightship was sold to the Verweij Brothers of Vrije Radio Omroep Netherland (VRON), Hilversum, for 6900 DM for the express use of becoming a pirate radio station. The light tower was removed and a two-wire, flat top antenna stretched between the masts some 66 feet high. The radio ship was anchored 3 1/2 miles offshore between Scheveningen and the Hague. Going on the air in April 1960, it broadcast the latest pop music to the Dutch people from a 10 kw transmitter on 1562 kHz. As the official broadcasters of Europe generally refused to

broadcast modern music, the pirate radio business took off with great success. The very famous Radio Caroline, another pirate radio ship, followed in 1964, and it was so popular that many people believe it was the first, overlooking Veronica.

The governments, particularly Britain, fought back against these pirate stations but with little hope. In 1964, the Netherlands passed a law against the offshore stations, in particular those on fixed structures. The law was primarily aimed at Radio North Sea which went out of business as a result, but returned as a floating station in 1970.

Radio Veronica retired the old lightship in 1966 and obtained a newer vessel. Besides being the first pirate radio station on the high seas, Radio Veronica was the most successful of them all, broadcasting for over a decade before shutting down. (Sources—Klaus Kern of Russelheim, Germany; Dario Monferini of Milan, Italy; *Popular Communications*, 10/87 and 4/89.)

DX-440/ATS-803A REPAIR

from Michael Stine

If you own an ATS-803A or a DX-440, you may have experienced (or may yet experience) a problem with the receiver's sensitivity in the SW bands. In my case I noted a severe loss of sensitivity above 2300 kHz. Below that frequency, everything was fine and FM worked fine, too.

The problem turned out to be a single field effect transistor (FET), Q115. The part number for this transistor is 2SK152-3 or 2SK291R. Until I can get the correct part, I am using the MPF102 FET, which you can get at Radio Shack for 79¢.

Q115 is not hard to change. Once you have the back off the receiver, it is on the same board with the external antenna plug. Look for it at the extreme left of the circuit board

(the side of the radio with the tuning knob) near the middle of the board. The marking, Q115, may be hidden by the transistor, but chances are you will see the marking for R81, which is next to Q115.

To replace Q115, you will have to get to the back of the circuit board it is located on. This involves taking out the five screws holding the board and lifting the board enough to get Q115 unsoldered.

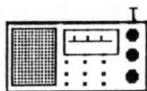
If the problem is not Q115, it might be D121, a diode. The part number for D121 is 1S2222, and it is located near Q115. If you do try to repair the radio, you should take precautions for working with electrostatic sensitive devices such as a grounded wristband. I did not, but it is a good idea.

THE HIDDEN CONTEST

When I wasn't busy making dumb jokes last month, I was typing in a hidden contest. If you look at the bottom of page three, you will see something in Greek. Now I am partly Greek myself (along with a half dozen other nationalities and Native American tribes), but I don't know anything in the Greek language beyond "gyros." I do know, however, how to

type in English using the Mac's "symbols" font. So I wrote a message saying that the first person to send me a postcard saying "Greek" would receive a batch of radio stickers. My only reply so far was from **Dave Johnson, Welpe, ID**. Congrats, Dave, on what must have been a rather annoying task! And to the rest of you, why didn't you figure it out?





THE MARCH/APRIL DXPERIENCE CONTEST

The winner of last month's contest (held over due to an early April deadline) is

Tim Johnson
Galesburg, IL

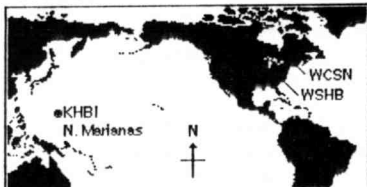
Congrats to Tim, the proud owner of a slightly used copy of *The Complete SWLs Handbook*! And now, the answers . . .

The object was to identify the languages used in the following IDs from the mythical Radio SPEEDX International, due to go on the air with 500 milliwatts of power from a transmitter site 4 miles west of Paducah, Kentucky late in the next century.

1. Burast SPEEDX Radyosu **Turkish**
2. Inliah Radio SPEEDX **Indonesian/Malay**
3. Här är RSI **Swedish**
4. Huna Paducah **Arabic**
5. Inja RSI **Persian/Farsi**
6. Hii ni ya SPEEDX **Swahili**
7. Hovorit Padukah **Ukrainian**
8. Aici Paducah **Romanian**

Thanks to all the many participants this time—a great response! By the way, honorable mention goes to Tsunaaki Ashimori, whose entry was the first to arrive from abroad, beating Ralph Famularo by a mere two days. Tsunaaki will receive a nice batch of radio stickers.

WORLD SERVICE OF THE CHRISTIAN SCIENCE MONITOR



KHBI is 7220 miles from Wheeling, Illinois and 16 hours ahead (UTC+10)

THE MAY DXPERIENCE CONTEST

Enter for valuable prizes! If you win, you may have your choice of the following great DX prizes. When entering, be sure to specify which of these slightly used books you would like to receive.

Radio Receiver - Chance or Choice (2 vol.)
WRTH 1988
WRTH 1990

FM Atlas & Station Directory 1989
World Broadcast Station Address Book
Shortwave Listening Handbook

In this month's contest, the object is to try to find the destination of a mythical DXpedition:

Starting in Chicago, I booked a flight south-southeast to the world's highest capital city in terms of elevation. From here I will bicycle to the nearest port and hop aboard a steamer sailing west and get off at the first island group with a shortwave radio station. Then I will travel by hovercraft to the nearest time signal station and turn due north until I hit land. Instead of landing on the beach, however, I will turn left and travel to the next country west. Then I will fly to the nearest capital of a nation. Next I will travel two countries west. Staying here overnight, I continue southwest into this country's second-largest neighbor. From the southernmost tip of this country, I will travel due west again and turn due south when I hit the next national border. The country I next cross into is my destination. (Hint—there are two shortwave broadcasters in this country.) Where am I?

Lotsa luck with this one! (By the way—use a globe. Maps distort distances too much.)

Best of DX to all--see ya!
--DB

SPEEDX CLASSIFIED ADS

WANTED: Drake SW-4A receiver. Complete and working. Contact Steve Bagozzi, P.O. Box 381, Hilmar, CA 95324.

WANTED: Schematic/manual for Gilfer M-1 multi-tuner. Hallcrafters SX-122A receiver. **FOR SALE:** JRC NRD-535D with optional SSB filter and AM BWC control mod \$1400. Drake R-7 receiver with NB card and 5 filters \$650. Contact Alan Johnson, 6001 Goldsboro Rd, Bethesda, MD 20817 or call (301) 229-7069 before 0300 UTC.

LISTENING EXPERIENCES FROM THE BALKANS: RCI

Raimo Karjalainen

(Editor's Note:) This article originally appeared in the February 1993 edition of Radiomaailma, a DXers' bulletin from Finland. It was translated by Larry Saarikko.)

Since April 1992, I have served in the Balkans with the UN Finnish Engineering Battalion. My interest in RCI here in Croatia increased last spring when Sunspot mentioned RCI's special broadcasts to Canadian UN personnel in former Yugoslavia.

Mall from Canada to Croatia

Having listened to RCI's special broadcasts, I sent a reception report and letter to RCI. In my letter I mentioned being part of the UN forces. I hoped to receive a QSL and programme schedule. After a month, I received mail from Canada, including a QSL card, station sticker, programme leaflets, plus info on the American DX club **SPEEDX**. I sent a thank-you note to Bill Westenhaver, who had signed the QSL card. Again, after a month, I received additional mail: Programme [materials] and an RCI pennant. At Christmas time, I sent Bill a Christmas card. Bill answered with a letter which arrived while I was on Christmas vacation in Finland. The letter contained additional info on RCI's UN broadcasts and RCI's QSL policies.

Special Broadcasts to Canadian Troops

Broadcasts to former Yugoslavia began last spring via various relays and via the Sackville transmitter [site]. Reception from Sackville on 17875 kHz was best during spring and summer. Programmes were produced by Canadian Forces Network in Germany; they were mainly Canadian news for Canadian NATO forces in Germany and, in late spring, also sports and NHL results. Programmes were in English and French, 15 minutes each. Serious programming is not possible in such a short time segment.

These days, programmes are produced in Montréal by the Canadian Forces Network and they are 30 minutes in length, English and French. The English programme host is Bob Girolami of the CMF. Bob has formerly served CBC Radio and Television. The French programme host is Michel Marmen, a freelance editor who had worked at Lahr for 3 years.

Programmes are aimed at Canadian peacekeeping forces in former Yugoslavia and Cyprus. The newest target is Somalia, [where] Canadians are among the US-led multinational forces. Programme contents are international news, sports, and phone greetings from relatives.

The winter schedule is 2000 UTC English, followed by French at 2030 UTC on the frequencies 17875, 15325, 15140, 13650, 11945, 7235 (for English), 7230 (for French), and 5995 kHz. Among these, the 49 meter band (i. e., 5995) is best here in Croatia.

RCI Changes QSL Policy

RCI QSL's can best be received by sending reports and letters to Bill Westenhaver at RCI's regular mailing address. Bill enjoys reading mail from DX listeners. He is a DXer himself and takes care of RCI's [reception reports] without compensation. He has sent approximately 2,200 QSL cards since early 1992.

RCI experienced serious budget cuts during spring 1991, after which listener mail was handled by only one paid employee: Maggy Akerblom, [former] editor/announcer of the German Department. Due to increasing workloads, she was eventually unable to keep up with the mail. At that time, RCI was in the process of ending verifications entirely. Then CIDX club spokesman Sheldon Harvey suggested that local DXers do verifications on behalf of RCI. This has now been going on for one year.

Bill wrote that he has been doing most of the work, being eager to help fellow hobbyists who listen to the station. Bill is SPEEDX editor for the Asia/Oceania column. Sheldon Harvey and Bill have worked for five years on a DX programme from the McGill University station in Montréal. Bill welcomes reception reports at RCI, at the address:

**P. O. Box 6000
Montréal, Québec
Canada H3C 3A8**

And remember, please include a letter!



Daniel Sampson - 4 Turtle Avenue - Arcadia, WI 54812
 CompuServe 73540,3025 - Internet: 73540.3025@compuserve.com

Get out the magnifying glass. That's right it's time for What's On. Thanks go to Jason Berri-CA, Bob Fraser-WA and William Westenhaver-OU for the schedules. WNCR is temporarily off due to a fire. The updated schedule for WNCR will appear in next month's full listing as I have to much information this month to fit on one page.

CHANGES ENTERED MARCH 20-APRIL 14, 1993

UTC Time	Station	Notes	Frequencies	Programs
0000-0030	R. Vilnius, Lithuan.	---	9810, 7150	
0000-0045	R. Bulgaria	---	15330, 11720	
0030-0100	R. Yugoslavia	---	11870, 9580	
0100-0130	R. Canada Int'l	Tu-Sa	11940, 11845, 9535	
0100-0130	Slovak R., Slovakia	---	9810, 7310, 5930	
0130-0200	R. Austria Int'l	---	9880, 9870, 6015	
0130-0200	R. Yugoslavia	---	9580	
0200-0300	R. Budapest, Hung.	---	15220 (W-Sa), 11910, 9835, 6110 (Su)	
0300-0400	VOA, U.S.A.	---	9885, 9575, 7405, 7280, 7265, 8065	
0300-0430	R. Bulgaria	---	11765, 9850	
0330-0400	R. Austria Int'l	---	9870, 6015	
0400-0430	VOA, U.S.A.	---	9885, 9575, 7405, 7280, 7265, 6155, 8065	
0430-0500	VOA, U.S.A.	---	9575, 7405, 7280, 7265	
0500-0600	China R. Int'l	---	11840	
0500-0600	VOA, U.S.A.	---	15800, 12080, 9575, 7405, 6035	
0600-0700	VOA, U.S.A.	---	15800, 12080, 11925, 9575, 9530, 7405, 6035	
0800-1000	WHRI, U.S.A.	---	7355	
1000-1100	WHRI, U.S.A.	Su	7355	
1000-1200	VOA, U.S.A.	---	15120, 11915, 9590, 7405	
1000-1300	WHRI, U.S.A.	W-Sa	9890	
1100-1300	WHRI, U.S.A.	Su	11790	
1130-1155	Vlaanderen I., Belg.	Su	15530	
1130-1200	R. Austria Int'l	---	13730	
1130-1200	R. Yugoslavia	---	21605	
1300-1325	Vlaanderen I., Belg.	W-Sa	15530	
1300-1400	WHRI, U.S.A.	---	11790	
1300-1600	WHRI, U.S.A.	Su	9465	
1300-1700	WHRI, U.S.A.	W-Sa	9465	Sa 1400 DX Daily
1400-1430	BBC, U.K.	---	17840, 9515, 6195	Su 1401 Features, W-F 1405 Outlook
1400-1500	R. Japan	Gen	11865, 11735	W-F 1415 Spectrum
1400-1600	WHRI, U.S.A.	---	15105	Sa 1400 DX Daily
1500-1530	R. Sweden	---	21500, 15240	Tu 1510 Sweden Calling DXers (1st/3rd)
1600-1700	VOA, U.S.A.	---	17895, 15445, 15255, 13710, 11995, 11920	Daily 1600 Nightline Africa
1600-1700	WHRI, U.S.A.	Su	13780	
1700-1900	VOA, U.S.A.	---	17895, 15445, 13710, 11995, 11920	W-F 1700 African Panorama
1700-2400	WHRI, U.S.A.	---	13780	
1800-1900	VOA, U.S.A.	---	17895, 17800, 15580, 15410, 13710, 11995, 11920	
1800-2300	WHRI, U.S.A.	---	17830	
1900-1930	R. Norway Int'l	Su	15365	
1900-2000	VOA, U.S.A.	---	17895, 17800, 15580, 15495, 15410, 13710, 11995, 11920	W-F 1900 African Panorama, Su 1910 Newsline
2000-2030	VOA, U.S.A.	---	21485, 17895, 17800, 15580, 15495, 15410, 15160, 13710, 11720	Daily 2000 Nightline Africa
2030-2100	VOA, U.S.A.	---	21485, 17895, 17800, 15580, 15495, 15410, 13710	
2030-2130	R. Canada Int'l	---	17875, 17850, 17820, 15325, 13670, 13650, 7235, 5995	
2100-2130	R. Norway Int'l	Su	15165	
2100-2200	VOA, U.S.A.	---	21485, 17895, 17800, 15580, 15495, 15410, 13710	Sa 2110 New Horizons, Su 2110 New Horizons
2145-2315	R. Bulgaria	---	15330, 11720	
2300-2400	WHRI, U.S.A.	---	9495	

SKED ROW

Due to a last-minute technical glitch, we were unable to get **Shortwave to Go!** in time. As a replacement, here are some schedules.

Via: Guido Schotmans DXA Antwerp, Belgium

AFGHANISTAN

Radio Kabul home service

01.30-04.30 on 7200v kHz and 4775 kHz 13.30-17.30 on 7200v kHz 4775 kHz

Origin: Midnight Ham bbs Antwerp 32-3-2355190; FIDO-NET Address (2:292/861)

RADIO FRANCE INTERNATIONAL

Here in the latest schedule received for Radio France International in English

1230 to 1300 UTC: 9805, 11670, 15155, 15195, 15365, 21645 kHz

1400 to 1500 UTC: 11910, 15405, 17650, 17650 kHz

1600 to 1700 UTC: 738, 6175, 11705, 15530, 17620, 17795, 17850 kHz

French News over the telephone (202) 944-6075 (Washington DC area)

Source for this is the RFI 'yellow sheet' dated October 26, 1992.

Address for Radio France International is B.P. 9516 Paris, France

Subj: Radio france english prog

1630-1653 Monday to Saturday

1620-1653 Sunday

Monday

French Weeklies

North/South or Look East

Sports

Tuesday

Books

Land of France

Drumbeat or Silk roads in France

Wednesday

Counterpoint

Economic Issues or Planet Earth

RFI Countdown or Mosaics

Thursday

Arts in France

Press on Asia

Trends or Portraits & Profiles Sports

Friday

Film Reel

Made In France

Press on Africa

Saturday

Spotlight on Africa

Focus on France

Science

French Lesson

Sunday

Report on Asia

Club 9516

From: Marc Vissers

Radio Roumania changes

Radio Roumania International announced following changes from May 3rd for their English transmissions in 'DX-Mailbag' today 10th April:
(only times with changed frequencies mentioned)

To Europe: 1900 UTC on 9750, 11810, 11940 & 15365
2100 UTC on 7195, 7225, 9690, 9750 & 11940
0632 UTC (news) on 7225, 9510, 9665 & 11810

To North-America: 5990 will be dropped

To Pacific: 0645 UTC on 11775, 15250, 15365, 17720 & 17805

To Asia: 1430 UTC on 11775, 15365 & 17720

To Africa: 0530 UTC on 15340, 15380, 17720, 17745 & 17790

1730 UTC on 15340, 15365, 17745 & 17805

KOL ISRAEL- ENGLISH BROADCAST SCHEDULE
PO Box 1082, Jerusalem 91010 ISRAEL
Valid Apr.2nd-Sept.5th, 1993

0400-0415	NA, EUR	9435
1000-1030	NA, EUR	17545
1300-1325	NA, EUR	15640, 11603, 17575, 11587 (S-TH)
	WCNA, E.EUR	17590 (S-TH)
	AUS, NZ, SEA	15650 (S-TH)
1700-1715	NA, EUR	15640, 11587
	AFR	17575
	WCNA, E.EUR	11675
1900-1930	NA, EUR	15640, 11587, 15650
	CA, SA	11603
	AFR	17575
	WCNA, E.EUR	11675
2130-2200	NA, EUR	15640, 11603, 11587
	CA, SA	17575, 15650
	WCNA, E.EUR	11675

RADIO MOSCOW WORLD SERVICE (Starting April 4th, 1993)
Via the ShortWave Paradise, via Tom Sundstrom, NJ
All frequencies are for English transmissions ONLY

10-11	15350, 15140	14-15	15140, 15320, 15125, 15480, 11665,
10-12	12020		11705
10-13	15490	14-19	15290
10-15	15355, 15225	15-16	17765, 17580
10-15	15225	16-17	17700
10-15	17595	16-18	11705
10-20	15355	16-20	9880
1030-11	17775, 12070	17-18	15395, 15180, 12065, 11960
1030-12	17780, 13650	17-19	15385
11-12	17875, 17755, 17735, 15420, 15405,	18-20	12015
	15130, 15125	18-21	11770, 11630
11-13	11765, 17815, 17675, 17570, 15540,	19-20	9610
	15155, 17670	20-21	15290
11-14	15280	21-22	9610
1130-15	21785	21-24	9480
12-13	17670, 17645, 15440, 11785, 15480,	22-24	17570, 17560, 9815, 21690
	15290, 17765	RMWS:23-24	21690, 21625, 11975

This is a partial listing of times and frequencies for US Stations via Bruce MacGibbon for the period Mar 28 - Sep 26, 1993. All times are in UTC.

7510	KTBN, UT	NAm	0000-1600	9410	WEWN	Eur	0000-0200
15590	KTBN	NAm	0500-0100	11715	WEWN	Eur	0200-0300
13595	KVOH, CA	NAm/CAm	0100-0400	7520	WEWN	Eur	0200-0500
9785	KVOH	NAm/Carib	0300-0800	9370	WEWN	Eur	0200-0600
9815	KCBI, TX	NAm/Carib	0230-1400	11580	WEWN	Eur	0300-0400
15375	KCBI	NAm	1400-0230	9350	WEWN	Eur	0400-0700
9850	WCSN, ME	WA	0000-0200	7465	WEWN	Eur	0500-0900
9350	WCSN	Eaf	0200-0400	13710	WEWN	CAf/SAf	0600-0800
9840	WCSN	Saf	0400-0600	9370	WEWN	Eur	0600-0900
5850	WCSN	Eur	0600-1000	11580	WEWN	Eur	0700-0900
9840	WCSN	Eur	0600-1000	9350	WEWN	NAM	0700-1500
11705	WCSN	Eur	0800-1000	15205	WEWN	Eur	1200-1300
13770	WCSN	Eur	1000-1200	13710	WEWN	China	1300-1400
13770	WCSN	ENa/Eur	2000-2200	11735	WEWN	Mexico	1500-2000
13770	WCSN	SEu/Waf	2200-2400	13615	WEWN	SA/NA	1500-2200
15650	WEWN, AL	SAs	0000-0100	13720	WEWN	Eur	2100-2200
9985	WEWN	SAm/CAm	0000-0100	11820	WEWN	SAm	2200-0000
13710	WEWN	SAs/ME	0000-0200	7425	WEWN	NAM	2200-0700

5825	WEWN	Eur	2200-0800	15610	KSDA	SEAs	0100-0200
13615	WEWN	Eur	2200-2300	13720	KSDA	EAs	0200-0600
9370	WEWN	Eur	2200-2300	13720	KSDA	EAs	0600-1000
15650	WEWN	China	2300-0000	11980	KSDA	China	0900-1600
13625	KHBI , Saipan	Aust/NZ	0800-1000	9530	KSDA	EAs	1000-1100
15665	KHBI	AU/NZ	0800-1000	13720	KSDA	SEAs	1100-1300
13625	KHBI	SEAs	1000-1200	11980	KSDA	EAs	1300-1400
9425	KHBI	Au/NZ	1200-1400	9650	KSDA	EAs	1300-1400
13625	KHBI	SAs	1200-1600	13720	KSDA	SAs	1400-1900
9530	KHBI	EAs	1400-1600	11980	KSDA	SAs	1600-1700
11580	KHBI	CAs	1600-1800	9495	KSDA	EAs	1800-2000
13625	KHBI	Afr/SAs	1600-1800	15310	KSDA	EAs	2000-2200
9355	KHBI	EAF/Indo	1600-1800	9495	KSDA	China	2000-2200
13625	KHBI	EAs	1800-2000	15225	KSDA	CAs	2200-0900
13840	KHBI	Au/NZ	1800-2000	15610	KSDA	SEAs	2200-2300
9355	KHBI	EAs	1800-2000	15610	KSDA	SEAs	2300-0100
9430	KHBI	NZ	1800-2000	5850	WSHB , SC	ENAm	0000-0200
13840	KHBI	Au/NZ	2000-2200	7395	WSHB	ENA	0000-0200
9430	KHBI	Aus	2000-2200	13760	WSHB	SA/CA	0000-0400
9455	KHBI	China	2000-2200	5850	WSHB	NAm	0200-0600
13625	KHBI	SEAs	2200-2400	9455	WSHB	NAM	0200-0800
15405	KHBI	China	2200-2400	13760	WSHB	CA	0400-0600
9830	KHBN , Palau	EAs	0700-1600	9840	WSHB	NAm/Eur	0600-0800
9830	KHBN	EAS	2000-0100	9870	WSHB	NAm/Eur	0600-0800
7315	WHRI , IN	ENA	0000-1300	13615	WSHB	Aust/CA	0800-1000
7355	WHRI	SA/CA	0500-1100	9455	WSHB	SAM	0800-1200
9850	WHRI	Carib	1000-1300	13760	WSHB	ESAm 1000-1200	
11790	WHRI	SA/CA	1100-1400	9495	WSHB	NAM	1000-1400
9465	WHRI	ENA	1300-1700	13760	WSHB	SAm	1200-1400
15105	WHRI	SA/CA	1400-1800	13760	WSHB	WNA/CA	1400-1600
13760	WHRI	ENA/Eur 6	1600-2400	13710	WSHB	NAm/Carib	1400-1800
9495	WHRI	SAm/Carib	2300-0800	9465	WSHB	ENA/CAR	2200-2400
7395	WRNO , LA	ENA	0300-0500				
15420	WRNO	ENA/Eur	1500-2300				
7355	WRNO	ENA	2300-0400				

RAE: RADIODIFFUSION ARGENTINA AL EXTERIOR

0100-0200	11710	Portuguese					
0100-0200	15345	Spanish (Arab mentioned in the schedule but really is a Spanish programme)					
0200-0300	11710	English	1900-2000	15345		English	
0300-0400	11710	French	2000-2100	15345		Italian	
1000-1100	11710	Japanese	2100-2200	15345		French	
1100-1200	11710	Portuguese	2200-2300	15345		German	
1200-1400	11710	Spanish	2300-0100	9690		Spanish	

Programmes are from Monday through Friday local times; Saturday and Sunday is connection with LRA1, Buenos Aires. Some days after 2130 football (soccer) is transmitted in // with LRA1 frequencies.

If you want a QSL verification 100% safe, you may write also to the name of GIB, at box 2868, 1000 Buenos Aires, and you will receive promptly the full verification card, only 2 IRC's are requested to cover the air mail postal expenses. This is for RAE and LRA frequencies.

- Gabriel Iván Barrera



WESTERN HEMISPHERE

Don Thornton
401 Amwell Road, Belle Mead, NJ 08502

ALASKA 7355

1300 **KNLS:** EE: IS; ID; fade out at start of prog (242 3/27 Stine-
MD) @ 1312 in EE w/lecture on how wrong "evolution" theory is-
(bad science, bad theology etc (555 3/7 Newbury-NE)

ANTIGUA 5975

0413 **BBC:** EE: World news; "The Brain"; "Off the Shelf" (543 3/15
Thompson-CA) @ *2215 in EE w/"Jazz for the Asking" w/Malcolm
Laycock playing Benny Goodman's "The World is Waiting for the
Sunrise"--played for Bill Westenhaver! (444 3/20 Bellovich-FL)
6040 0100 **DW:** EE: News; "Nickelodeon" prog into GG lang lesson prog
(555 3/28 Card-RI) @ 0115 in EE w/a mailbag prog hosted by Peg-
gy Graham; DW monthly DX "meeting" (444 3/28 Fanderys-OH)
0670 0458 **DW:** EE: Site ID followed by news & "European Journal" prog
about emergency sessions of the Russian Congress (??? 3/27
Goetsch-PA)
17840 1600 **BBC:** EE: Chinese Prime Minister accuses Britain of making
trouble over Hong Kong (454 3/15 Brewer-KS)

ANTILLES 6165

0345 **RN:** EE: Interesting feature about anti-Semitism & attacks on
foreigners in Budapest, Hungary (444 3/14 Bellovich-FL) 0013
in EE playing a song written by an interviewee (444 3/13 Lev-
ison-PA) @ 0330 in EE w/"Happy Station" prog featuring pop
artists who were 'One Hit Wonders' (454 3/29 Lukas-NY)
9535 0300 **TWR:** EE: "Focus on the Family" prog hosted by Dr. James Dobson
(444 3/2 Langlois-FL)
9590 0330 **RN:** EE: Clinton to meet Yeltsin in Vancouver; commentary on
Russia's poor economy (555 3/6 Newbury-NE)
11930 0335 **TWR:** EE: Feature about how to send a report for a QSL card
(444 3/14 Levison-PA)
21515 1800 **RN:** EE: "Media Network" w/news that French Gov't is thinking
about ending RFO service (353 3/25 Johnson-IL)
21590 2000 **RN:** EE: "Happy Station" prog w/songs for spring; interview
w/Bing Crosby (554 3/21 Fraser-MA)

ARGENTINA

11710 0058 **R. Nacional:** SS: M w/ID; W anncr (433 3/7 Newbury-NE)
15345 0032 **RAE:** SS: Musical selections, much palaver (444 3/27 Levison PA
@ 2300 in SS w/"Panorama...musica folklorico (555 4/2 Robinson

BOLIVIA

4649 0006 **R. Santa Ana:** SS: Long, long talk by M; ID @ 0032; brief flute
instrumental (252 3/20 D'Angelo-PA)
4875.1 0953 **La Cruz del Sur:** Ayamara?: Long talks by W--possible religious
or educational prog; ID; TC & anmnts (fr-gd 3/12 Clar-NY)
4925.4 0946 **R. San Miguel:** SS: Local news w/mnts of Riberalta, La Paz &
Bolivia Libre; slogans & Andean music (fr-gd 3/6 Clar-NY)
4990.6 0310 **R. Animas:** SS: Rustic vocals & inst'l music; nice ID & freq
anmts @ 0348 (242 3/20 D'Angelo-PA)
6194.5 0906 **R. Metropolitana:** SS/Ayamara: ID; anmts; prog of Lat Am vocal
music; ads inc one for Suzuki (353 3/20 D'Angelo-PA) @ 0906 in
SS w/mnts of La Paz QTH; nice selection of traditional & mod-
ern Andean music; slogan used is "estacion politicos" (fair
3/24 Famularo-Japan)

BRAZIL 3375

0916 **R. Nacional São Gabriel de Cachoeira:** PP: Nice prog of Brazil-
ian pops w/jingle IDs (454 3/21 454 D'Angelo-PA)
4755 0343 **R. Educação Rural:** PP: Brazilian pop vocals host by M anncr;
ID @ 0100 followed by a discussion (454 3/28 D'Angelo-PA)
4825 2338 **R. Cancão Nova:** PP: Presumed religious service w/mnts of
"baptismo & Jesus Cristo"; ID (pr 3/21 Clar-NY)
4885 0420 **R. Clube do Pará:** PP: "Ninguém" prog w/pop music inc "It's 11

Now or Never" in PP! (332 3/26 Bickus-VA)
 5045 0830 **R. Cultura:** PP: Brazilian music (343 3/30 Johnson-IL)
 6010 0705 **R. Inconfidencia:** PP: Lively squeeze box music; ID (343 3/21 Johnson-IL) @ 2307 in PP w/IDs slogans & promos (fr 3/21 Clar-NY)
 6090 0050 **R. Bandierantes:** PP: Fútbol match inc the longest 'goooooal' call I've ever heard (322 3/26 Johnson-IL)
 9515 2355 **R. Novas de Paz:** PP: Talks until nice ID at top of hour; ads followed by more talks (353 3/8 D'Angelo-PII)
 9665 2325 **R. Marumby:** PP: Presumed political speech by M in front of a crowd; ments of democracy in Brasil (fr-fr 3/21 Clar-NY)
 11780 2220 **R. Nacional do Amazônia:** PP: Interview w/numerous ments of Brasília; ID; ments of Radio Bras! (423 3/22 Bellovich FL)
 15445 1303 **R. Bras:** EE: Prog of Brazilian pop music; today's theme: Day to Day life in Brazil (444 3/26 Newbury-NE)

CANADA

5960 0007 **RCI:** EE: "Royal Canadian Air Farce" w/'Brian Mulroney's Farewell, part 2' (555 3/8 Fraser-MII)
 5965 1202 **BBC:** EE: "Play of the Week"--'A Wing and a Prayer' (555 3/21 Fraser-MII)
 6015 0530 **RAI:** EE: Report on Czech-Austrian relations; followed by "Report from Austria" (??? 3/16 Goetsch-PA)
 6070 1202 **CRFX:** EE: News read by Bruce Rogers; carted ID for CFRX with ments that ODXA is QSL manager for CFRX (444 4/4 Westenhaver)
 6120 1150 **R. Japan:** EE: "This Week" prog w/Iar McFarland saying he's leaving R. Japan and returning to Canada (555 3/20 Fraser MII)
 6130 1102 **CHNX:** EE: Ads for a rotisserie baseball league run by the Halifax Mail-Star; weather; 'AM 96' ID (232 4/4 Westenhaver PQ)
 6160 1103 **CHZN:** EE: CBC news & sports; "Regional Roundup" prog w/this week's Newfoundland news (343 4/4 Westenhaver-PQ)
 6160 1430 **CKZU:** ID as "CBC Radio News, British Columbia"; local news stories (pr-fr 3/8 Famularo-Japan)
 9535 0205 **RCI:** EE: Sports, news and current events prog (good 3/23 McGuire-MD)
 9545 0457 **DW:** EE: Feature of orchestral music (444 3/19 Owsely CA)
 9590 2320 **BBC:** EE: "A Jolly Good Show" w/mix of music & letters (443 3/13 Thompson-CA)
 11840 0333 **CRI:** SS: M hosting prog of CC female pop vocals; talks abt ancient Chinese history (243 3/6 Westenhaver-PQ)
 11735 1400 **R Japan:** EE: News that US dollar sinks to a record low against the Japanese yen (454 4/3 Westenhaver-PQ)
 21710nf 1334 **RCI:** EE: News read by Dolores Haggerty; into "Innovation Canada" (243 4/3 Westenhaver-PQ)

COLOMBIA

4785.6 1035 **Ecos del Combeima:** SS: News; IDs & ads; "Super Colombia" ID @ 1047 (454 3/21 D'Angelo-PII)
 4865 0340 **LV del Cinarucu:** SS: M anncr w/banco ads; ID @ 0345 (444 3/25 Owsley-ClI)
 4885 0330 **Ondas del Meta:** SS: M anncr w/Lat Am pop music (444 3/7 Newbury-NE)
 4895 0354 **LV del Río Arauca:** SS: Loud anncr describing an event-- horse racing? (343 3/24 Johnson-IL)
 5019.9 0254 **Ecos del Atrato:** SS: Lat Am pop music; IDs, slogans & CARACOL promos and jingles (fair-poor 3/26 Clar-NY)
 5050 0402 **LV de Yopal:** SS: African melody style music with chanting and whooping; back into Lat Am music (444 3/7 Newbury-NE)
 5075 0440 **CARACOL-Bogotá:** SS: Call in show re parenting (555 3/26 Bickus-VII)
 6150 0402 **CARACOL-Bogotá:** SS: Announcements and promos (323 3/6 Newbury)
 6170 1105 **LV de la Selva:** SS: News prog w/numerous ments of "Florescia" ID; ads @ 1123 (pr-fr 3/19 Famularo-Japan)
 9655 2159 **R. Nacional:** SS: Music prog; ID (333 4/1 Johnson-IL)

COSTA RICA

4832 0300 **R. Reloj:** SS: Int'l news followed by music; many singing IDs (343 3/28 Fanderys-OH)
 5055 0524 **Faro del Caribe:** SS: M w/talks in SS; organ music (443 3/27 Newbury-NE)
 7375 0217 **RFPI:** EE: Glenn Hauser's "World of Radio" w/news that KGWA is testing; tid-bit about RHC's Arnie Coro's new "philosophy" (444 3/7 Newbury-NE)
 11870 0350 **AWR:** SS: Costa Rican address given; announcer said "La Voz de Esperanza" (343 3/25 Johnson-IL)

9722.6 1120 AWR: EE: M w/religious talks; ID as "Adventist World Radio, The Voice of Hope" (pr-fr 3/24 Famularo-Japan)

CUBA

5025 2235 RHC: SS: M w/ID & "Musica Cubano"; into talks & more Cuban music (434 3/22 Bellovich-FL) @ 0340 in SS w/baseball game (555 3/26 Bickus-VA)

6010 0035 RHC: EE: Connecticut teenage baseball team in Havana; item about discovering Cuba for yourself (555 4/2 Robinson-TN) @ 0100 in EE w/news item about the great damage done by a recent storm there (555 3/22 Fraser-MA) @ 0030 in EE w/"DXers Unlimited" w/feature about ham radio in Cuba (545 3/31 Bellovich-FL)

9510 0512 RHC: EE: News w/update on Branch Davidian cult standoff in Waco, TX (444 3/4 Bagozzi-CA)

9550 1330 RHC: SS: News about Colombian drug lord Pablo Escobar; Ernest Hemmingway in Santiago (555 4/5 Robinson-TN)

11760 0142 RHC: SS: Casto speaking to an audience to some applause (444 3/16 Levison-PA)

15165 2130 RHC: EE: "DXers Unlimited" w/host Arnie Coro inc feature on hand-held ham radios--a very interesting feature! (434 3/6 Bellovich-FL)

15365 2030 RHC: SS: News of Bill Clinton; "Songs of the Revolution" (555 4/10 Robinson-TN)

DOMINICAN REPUBLIC

4959.8 0320 R. Cima Cien: SS: Lively Lat Am music--heavy on the drums; also some ballads; ID (343 3/25 Owsley-CA) @ 1100 in SS w/ID inc call letters, "Radio Cima" & "en la capital de la Dominican" IDs (343 3/22 Johnson-IL)

6025 0035 R. Amanecer(t): SS: M anncr w/possible ID; into EZL Lat Am vocal music (343 3/19 Owsley-CA)

ECUADOR

3279.8 1103 LV del Napo: SS: Marching music (NA?) followed by Lat Am music (232 3/22 Johnson-IL)

3285.3 1046 LV del Río Targui: SS: Talks by M; ID; TCs; sound effects; Andean music (fr-gd 3/12 Clar-NY)

4800 0400 R. Popular: SS: M anncr with long talks; finally an ID @ 0410 into more talks (444 3/25 Owsley-CA)

4960.9 1107 R. Federación: SS/Quechua: Long piece of band music (NA?) then same piece sung a capella style followed by chanting in Quechua (343 3/22 Johnson-IL)

5965 0021 LV del Upano: SS: M & W w/talks; phone numbers given; IDs; ments of "Macas"; Andean music (fr 3/16 Clar-NY)

6110 1030 HCJB: Quechua: ID heard in SS; then long talks by M in lang which is listed in WRTH as Quechua (454 3/23 Fraser-MA)

9745 0240 HCJB: EE: Commentary about the need to keep Radio Free Europe & Radio Liberty on the air (555 3/27 Kyburz-CO)

11910 1400 HCJB: SS: ID; music inc "The Man from La Mancha"; news of the Pan-American area (555 4/5 Robinson-TN)

11925 0513 HCJB: EE: "Saludos Amigos" as Ken McHarg reads letters from people seeking pen pals (454 3/15 Brewer-KS)

15250 2338 HCJB: RR: M & W w/talks which I couldn't decipher since the tape was being played backwards! Into anmts & prog produced by Billy Graham's organization--both played correctly (344 4/2, Westenhaber-PQ)

17490u 0031 HCJB: EE: New items into "Studio 9" prog asking for comments from listeners (444 3/16 Levison-PA)

17790 1715 HCJB: EE: M w/religious message; "Columbus' trip" (444 3/3 Langlois-FL)

17890 1230 HCJB: EE: "Focus on the Family" w/part 2 on the lives of women in Dachau concentration camp during World War II (543 3/12 Fraser-MA)

21455u 1900 HCJB: EE: Specific information abt Australian Armed Forces Radio--I have not heard them yet, has anyone else? (444 3/13 Newbury-NE)

FRENCH GUIANA

5054.2 0645 RFO: FF: Slow pop ballad music in EE w/M anncr in FF (343 3/21 Johnson-IL)

11680 0400 CRI: EE: ID; news abt China; talks on the election of new Chinese leaders and resolutions (??? 3/38 Goetsch-PA)

11995 2256 RFI: SS or PP: News in either SS or PP; lots of IDs (444 3/21 Stine-MD)

13685 0200 CRI: SS: Caught at it's s/on; just after RFI signed off (353 3/2 Lukas-NY)

GUATEMALA

3300 0510 R. Cultural: SS: Religious music inc choir accompanied by a guitar (444 3/7 Newbury-NE) @ 0345 in EE w/station ID; TC; & vocal music (333 3/8 Levison-PA)
3380 0046 R Chortis: SS: Religious talks w/ments of "Madre de Dios" ID w/anmts; TCs; marimbas music (pr-fr 3/1 Clar-NY) @ 1319 in SS w/local music; high voiced M anncr; more good music & many ments of Guatemala (333 3/11 Thompson-CA)
4800 0300 R. Buenas Nuevas: SS: ID; cheesy organ bridge music (333 3/17 Johnson-IL)
4835 1105 R. Tezulutlán: SS: Mixture of religious music & marimba music; anmmts; ID (pr-fr 3/7 Famularo-Japan) @ 0321 in SS w/marimba music; much QRM (3/7 Newbury-NE)

HONDURAS

4820.2 1146 LV Evangélica: SS: Opera-style hymn music; religious sermon @ 1205 into music (fr 3/20 Famularo-Japan) @ 0059 in SS w/sermon into jingles w/station ID (423 3/24 Bellovich-FL) @ 0035 in SS w/prog of church gospel music (333 3/7 Newbury-NE)

MEXICO

6010 0945 R. Mil: SS: Pop music; phone conversation; TC; IDs with whistle (fr 3/6 Clar-NY)
6185 0901 R. Educación: SS: Classical guitar into jazz-fusion guitar music; ID; violin & piano duets--first Mexican station I've heard since mid-1970s! (fr 3/26 Famularo-Japan) @ 1100 in SS w/band music; "Musica de campo"; woman singing to children from Estade Chihuahua (545 4/5 Robinson-TN)
9600 1400 R. Universidad: SS: ID; musical program for children (433 3/14 Hankison-KS)
9705 0120 R. Mexico Int'l: SS: ID into Lat Am accordion music; a little corny but nice (423 3/23 Bellovich-FL)

PARAGUAY

9735 0056 R. Nacional del Paraguay: SS: M anncr w/nice local music; ID; talks (433 3/14 Thompson-CA) @ 0001 in SS w/news briefs PSA for sports participation; carted ID; brief spiritual talk (243 3/12 Westenhaber-PQ)

PERU

4299.8 1020 R. Naylamp: SS: Rustic Peruvian vocal music; a couple of nice IDs @ 1059 (222 3/9 D'Angelo-PA)
4774.9 1038 R. Tarma: SS: Andean music w/ments of "Peruanos"; ments of Tarma (pr 3/29 Famularo-Japan)
4790.1 0328 R. Atlántida: SS: M w/talks into siren (police car) promos & IDs; Andean flute music (pr-fr 3/26 Clar-NY)
4810.2 1105 R. San Martín: SS: Lots of talk; ads w/echo chamber sound effects; Lat Am music; ID (pr-fr Famularo-Japan) @ 1117 in SS what sounded like news feature w/recorded political speech (242 3/22 Johnson-IL)
4890.1 0150 R. Chota: SS: Prog of Andean music hosted by M; ID (232 4/6 Thornton-NJ)
4910.6 0040 R. Libertad de Trujillo:(t) SS: 2 M conversing on telephone; sleepy Lat Am music; no ID heard (242 3/26 Johnson-IL)
4914.5 1050 R. Cora: SS: S/on routine by W; NA (444 4/5 Johnson-IL)
4960 0340 R. La Merced: SS: Contemporary Lat Am music; swingin' Lat Lat Am music (444 3/7 Newbury-NE)
5015.4 1026 Estación Tarapoto: SS: "Programa noticias regionales" frequent TCs & IDs; ads (353 3/20 D'Angelo-PA)
5097 1000 R. Eco: SS: Ments of barrios; "R. Eco Emanancer" ID (545 4/5 Robinson-TN)
5131 0329 R. Visión: SS: Lively Lat Am vocal and romantic ballad music hosted by M; ID; 0408* (352 3/29 D'Angelo-PA)
6190 1025 R. Oriente: SS: IDs; Andean music; presumed ads; slogans; ments of "Santa Cruz & Yurimaguas" (fr 3/12 Clar-NY)
6203.7nfl10 R. Cuzco: SS: Talks w/ments of Cuzco by M; prog of Andean vocal music (333 3/21 D'Angelo-PA)
9504.9 0948 R. Tacna: SS: W introduced "noticias"; IDs; ments of "Inca Cola"; ad strings (353 3/20 D'Angelo-PA)

PIRATES, CLANDESTINES & Unids

5840.1 0033 R. Patria Libre: SS: ID; musical sound bridges between seg-

ments (322 3/25 Bellovich-FL)
 7315u 2311 He Man Radio: EE: Rambling conversation, pirate reports; talks abt cancellation of "Signals" prog (232 3/20 Dettling IL)
 7415 0232 R. Virus: EE: Music; talks; ID; QSL info (??? 3/14 Goetsch PA)
 7415 0256 WJLR: EE: Prog of rock music hosted by Captain Crook inc songs from Alice Cooper & Carlos Santana (333 4/11 Fisher MA)
 7415 0224 Hit Parade Radio: EE: Beatles music (132 3/20 Dettling IL)
 7415 2352 Radio Free Oz: EE: Fake commercials & news (??? 3/13 Goetsch)
 7416 2327 R. USA: EE: Fake law firm ad; hosted by Mr. Blue Sky (??? 3/13 Goetsch-PA)
 7416u 2246 R. Azteca: EE: ID as "R. Azteca, the station Rush Limbaugh would do anything to be on" (252 3/13 D'Angelo-PA)
 7416 0052 R. Morania: EE: Talks abt the Moranian chocolate mine; s/off with NA of Morania (??? 3/14 Goetsch-PA)
 7417 0413 WLIS: EE: IS countdown w/"73s & 88s to Ian" (343 3/20 Dettling)
 9954 0235 R. Caiman: SS: Talks abt Yeltsin; Cuba (??? 3/27 Goetsch PA)

UNITED STATES OF AMERICA

5850 0108 WSHB: EE: Christian Science prog about how this religion can be a help to victims of abuse (??? 3/28 Goetsch-PA)
 6030 1100 R. Martí: SS: Music of Camaguay, Cuba (555 4/11 Robinson TN)
 6130 0000 VOA: EE: Prog of world news (go 3/25 McGuire-MD)
 7315 0908 WHRI: EE: "Shepherd's Chapel" hosted by Dr. Murray w/talks about "One Verse Charlie" Christians (??? 4/2 Goetsch-PA) @ 0000 in EE w/"Croatian Radio" prog w/news of the civil war (gd 3/24 McGuire-MD)
 7345 0333 WWCR: EE: Tom Valentine's "Radio Free America" w/guest talking about UFOs (??? 3/11 Goetsch-PA) @ 0600 in EE w/"Herald of Truth" prog w/Christian Identity message (555 3/4 Bagozzi CA)
 7355 0316 WRNO: EE: Glenn Hauser's "World of Radio" w/information abt user improvements for GE Super Radio III (555 3/14 Dettling IL)
 7395 0415 WRNO: EE: "Money Makes Money" a prog about investing in rare coins (444 3/3 Langlois-FL)
 7490 0050 WJCR: EE: Southern Gospel music; into "Prayer Line" (444 3/4 Bagozzi-CA)
 9465 1915 WMLK: EE: Religious message from Rev Jacob O Meyer (444 3/3 Langlois-FL)
 9680 0330 VOFC: EE: "Life & Living" prog (444 3/2 Langlois-FL)
 9690 1300 BBC: EE: News report featuring PM John Major addressing The House of Commons (353 3/9 Lukas-NY)
 9850 2240 VOFC: EE: Chinese music & lang lessons (454 3/11 Lukas-NY)
 11715 1310 KJES: EE: Man w/phrases, repeated by W; children singing; ID as "This is KJES, New Mexico" (555 3/21 D'Angelo-PA)
 15295 2030 WINB: EE: M hosting a program on environment & using certain types of fuel (444 3/3 Langlois-FL)
 15280 0134 KGEI: SS: Classical piano solo music (444 3/17 Levison PA)
 21640 1730 WCSN: EE: "Letter Box" prog hosted by M (444 3/3 Langlois FL)

URUGUAY

11734.9 0015 R. Oriental: SS: Lots of ads inc "Coca Cola"; ID & music (242 3/17 Johnson-IL)
 11835.7 2320 R. El Espectador: SS: Lat Am pop & ballad music; IDs; slogans & ad strings into news & sports @ 2330 (pr 3/23 Clar-NY)

VENEZUELA

4970 0133 R. Rumbos: SS: "Total"--rumba; TC; "Amor de amor"; "Sin su amor" (544 3/23 Bickus-VA)
 4980 0315 Ecos del Torbes: SS: Song "Gaviota"; greetings & TC between songs (544 3/17 Bickus-VA)

FILL THAT GAP: Please note the new address at the top the the column masthead; not to worry though as any mail sent to the old QTH will get here one day later...by now everyone should know about the fire which burned WWCR to the ground. Glenn Hauser's "World of Radio" & "DX Daily" should be the most up-to-the-minute source of information as to when they will return...Here a few loggings from Daniel Camporini's "DX Panorama" which he so graciously shares with us...from URUGUAY, SODRE on 9620 kHz, & 6125 kHz & LV de Artigas on 6075 kHz, all logged between 1400-1500 UTC and R. Sport on 6045 kHz @ 2225...from ARGENTINA, R. Mitre on 15782 kHz @ 1220...from PERU, R. Andahuaylas on 4839 kHz @ 2330 UTC, R. Nuevo Cajamarca 5800 kHz @ 1001 R. Huanta on 4746 kHz @ 2345, R. Concordia on 6142 kHz @ 0807 UTC...from BOLIVIA Centenario La Nueva on 4855 kHz @ 0943 UTC, R. El Mundo on 6015 kHz @ 1010 UTC...from PARAGUAY R. Encarnacion on 11940 kHz @ 2055 UTC from NICARAGUA R. Miskut on 5770 kHz @ 2220-2253*...until next month, remember to have fun with your radio! 73s and good DX *dlm*

EUROPE



BOB COLYARD
84 HARRISON AVE
BRICK, NJ 08724

ALBANIA

Radio Tirana

- 9580 0230 RT: EE: Talk about the first beauty parlor opening in Albania: "reveals your hidden beauty". (555 2/27 Robinson-TN)
0238 RT: EE: Discussion on an Albanian art exhibit in the US, and "P.O.Box Radio Tirana". (522 3/17 Bickus-VA)
0240 RT: EE: News and commentary on democracy and public support, ID and an existentially lonely ballad. (43354 3/8 Newbury-NE)

AUSTRIA

Radio Austria Int'l

- 6015 0330 ORF: EE: Woman with news and station ID. (333 3/28 Levison-PA)
0530 ORF: EE: Local and world news. (333 3/24 McGuire-MD)
9870 0140 ORF: EE: Comment on Russia and Yeltsin. (343 3/23 Bagozzi-CA)
9875 *0130 ORF: EE: //9870, 13730; ID and news, Austria gives Yeltsin their support. (555 3/23 Bellovich-FL)
0130 ORF: EE: News on Yugoslavia and: "There are no nuclear plants in Austria". (545 222 Robinson-TN)
0130 ORF: EE: "An Austrian woman says males must be more aware of women's issues. (55555 3/7 Newbury-NE)
9880nf 0038 ORF: FF: "Flash des Ondes" w/info on CIS stations. Splashed badly by SRI-9885. Why did they leave 9875?? (333 3/28 WW-PQ)
13730 1230 ORF: EE: "Poetry never created wars". (555 3/2 Robinson-TN)
21490 1531 ORF: EE: News & weather: "cold & cloudy with snow likely" then into "Postbox" letter program. (323 3/27 Bellovich-FL)

BELGIUM

Radio Vlaanderen Int'l

- 7370 0038 RVI: EE: "Belgium Today" on the exploitation of women, with drugs being the main problem. (544 3/6 Newbury-NE) ex-7370
15530 1309 RVI: EE: "Radio World" with some good stuff. (343 4/3 WW-PQ)
17540 1555 RVI: DD: IS and into programming. (252 3/29 Lukas-NY)
21810 1400 RVI: EE: News "Radio World" and "Tourism". (4443/27 Card-RI)
1417 RVI: EE: //17550; "PO Box 26". (444 3/17 Bellivich-FL)

BULGARIA

Radio Bulgaria

- 7225 0100 RB: EE: Woman with news, ham QRM. (32442 3/6 Newbury-NE)
0110 RB: EE: News and commentary. (333 3/23 Stine-MD)
7290 0404 RB: EE: News and commentary. (444 3/21 Levison-PA)
0428 RB: EE: //9700, 11720; An interesting talk with an American on the different Balkin cultures. (434 3/11 Bellovich-FL)
9700 0114 RB: EE: News on Yugoslavia & Macedonia. (333 3.23 Bagozzi-CA)
0440 RB: EE: Mention of name change to "Radio Bulgaria", they officially changed at 0446 on this date. (3/26 Bellovich-FL)
11720 0000 RB: EE: Historic info on Bulgaria. (423 3/17 Johnson-IL)
0100 RB: EE: ID, freqs, times and news. (434 3/22 Levison-PA)
0345 RB: EE: Comment on the UN in Cambodia. (344 3/2 Langlois-FL)
1755 RB: EE: "Answering Your Letters" with mention of late arriving New Year's card from Betsey Robinson. (444 4/4 Colyard-NJ)
1830 RB: EE: ID, freq schedule and news. (35242 3/6 Newbury-NE)
2000 RB: EE: New name for Radio Sofia. (422 3/29 Lukas-NY)
2245 RB: EE: Mention of Sunday before Lent and talk on Bulgarian cheese pie. (545 3/1 Robinson-TN)
11765 0345 RB: EE: "Time Out For Music" with opera duets. (243 4/3 WW-PQ)
17780 1153 RB: EE: Talk on history of U.S. policy towards the Balkins; Bulgarian pop and folk music. (fr-pr 3/24 Famularo-JP)

RADIO BULGARIA can now be heard in English from:

1030-1200 ut	on	13670, 17660, 17830 kHz
1730-1900	on	11720, 13670
2000-2100	on	11720, 15330
2145-2315	on	11720, 15330
0000-0100	on	11720, 15330
0300-0400	on	9850, 11765

CROATIA

13830 2206 Croatian Radio, Zagreb: EE/Croatian: Man & woman with news: the attempted sabotage of a large dam which supplies power to most of Croatia; into EZL music. (322 3/13 Bellovich-FL)

CZECH REPUBLICRadio Prague

5930 0119 RP: EE: Beatles music and "Mailbag". (322 3/11 Hankison-KS)
 0204 RP: SS: Talk with Havel & letters. (533 3/22 Bickus-VA)
 0302 RP: EE: News & comment. (333 3/4 Levison-PA)
 7345 0000 RP: EE: Talk on solar activity and the sunshine over the Czech capital. (555 4/3 Robinson-TN)
 0125 RP: EE: Report on Czech journalism. (333 3/23 Bagozzi-CA)
 *0300 RP: EE: //5930, 9810; News on the two republics at odds over various economic issues. (444 3/20 Bellovich-FL)
 0302 RP: EE: "8% unemployment in the Czech Republic" & lesson #7 of "Check Out Czech". (545 2/27 Robinson-TN)
 0305 RP: EE: discussion on Mafia blackmarketing in Czech Republic. (333 3/26 Owsley-CA)
 0415 RP: EE: Libor Kubik's DX stuff; then "Calling All Listeners" mailbag program with Bill Bathurst (he's staying) & Svetlana (she's leaving). (333 4/4 Westenhaver-PQ)
 9485nf 0308 RP: EE: //5930, 7345, 9810; "From The Weeklies" on the world figure skating championships in Prague. (343 4/4 Westenhaver)
 11990 0001 RP: EE: Comment on Prague auto pollution. (433 3/7 Newbury-NE)
 15520 *1628 RP: FE: IS, ID and news on GATT talks. (3/14 Clar-NY)
 15355 *1030 RP: EE: Weekly news review; press review and "Calling All Listeners" with Libor Kubik's DX stuff. (322 4/4 Westenhaver)
 17535nf 0735 RP: EE: //17725(pr), 21705(fr); Woman with current affairs; ID; and talk on white rhinos. (pr-fr 3/29 Famularo-JP)
 1504 RP: EE: News, press review, then "Talking Point" on churches in the Czech Republic; into French @1530. (252 3/29 Lukas-NY)

EURO-PIRATE

6294.9 0146 Radio Caroline: EE: Jose Feliciano's "Light My Fire"; then "This is Radio Caroline" with sea gulls in background. @0159: "The Radio Caroline Organization would like to say thanks to everyone that has contributed... broadcasting from the Ross Revenge.."; intermittent UTE QRM. (232 3/21 D'Angelo-PA)

FINLANDRadio Finland

9560 0304 RF: EE: Talk on extraterrestrial life and Finnish presidential election. (433 3/17 Bickus-VA)
 15185 0204 RF: Latin/EE/Swedish: "Nuunti Latini" @0208 English sked for morning broadcasts to NAM; then into Swedish. (333 4/4 WW-PQ)
 21550 1350 RF: Finnish: //15400; @1400: English: interview with youth from U.S. sponsored by Rotary Int'l. (55555 3/6 Newbury-NE)

FRANCERadio France Int'l

9495nf 2139 RFI(Site?): FF: "Made in France" with business news briefs; "RFI, la Radio mondiale"; then "Courrier Technique" on new RFI printed sked & 6175 QRM problems. (333 4/4 Westenhaver-PQ)
 15530 1608 RFI: EE: //11705, 12015, 17620; News on starvation in Somalia and pros and cons on Serbian sanctions. (353 3/6 Newbury-NE)
 17620 1604 RFI: EE: News, and interviews with correspondents on the phone. (444 3/12 Levison-PA)
 1621 RFI: EE: News and discussion on Bombay bombing; @1634: "Club 9516" with review of contest winners. (353 3/14 Dettling-IL)

GERMANYDeutsche WelleVoice of America

6085 0315 DW: EE: "European Journal" with news on the French election. (gd 3/22 McGuire-MD)
 6120 0305 DW: EE: news that peace talks continue and CIS to drop food in Bosnia. (4444 3/6 Newbury-NE)
 13610 1832 DW: GG: German rap music and talk. (333 3/23 Levison-PA)
 13780 2347 DW: GG: //15410; "Jazz Hot & Sweet" with nifty pieces by Tommy Dorsey and Harry James. (142 4/2 Westenhaver-PQ)
 15185 0601 DW: EE: World news and "Africa Report" on the Red Cross in Somalia; no //s heard. (fair 3/26 Famularo-JP)
 17770 *1500 VOA: Armenian: English IDs and intros to Armenian s/on, and news. (353 3/30 Famularo-JP)

GREECEVoice of GreeceVoice of America

9420 0107 VOG: Greek: //9375; brief folk music. (454 3/28 Owsley-CA)
 0150 VOG: EE: Report on the Athens State Orchestra (333 3/26 Brown)
 0301 VOG: Greek: Vocal music selections. (444 3/24 Levison-PA)
 0344 VOG: EE: Talk on admitting Macedonia to UN. (343 3/6 Newbury)

GREECE Voice of Greece continued
 9935 2009 Radiophonikos Stathmos Makedonias: //7430, 11595; brief talk, anmts, then non-stop pops and folk music. (p-f 2/28 Clar-NY)
 11595 1935 VOG: Greek: Vocal music selections. (444 3/10 Levison-PA)
 17515 1432 VOG: AA: News and Greek music; 1450*. (253 3/13 Famularo-JP)
 17525 *1530 VOG: EE: //15630; News that Croatia wants closer ties with Greecento Greek music. (333 3/11 Bellovich-FL)
 1845 VOG: EE: Woman with brief news headlines. (fr 2/27 Clar-NY)

HUNGARY Radio Budapest
 6025 0030 RB: Hungarian: Classical music with piano solo and news about Budapest. (444 4/12 Robinson-TN)
 9835 0100 RB: EE: News: alliance of Hungarian trade unions, 2.5 million strong; then music and vocals. (545 4/2 Robinson-TN)
 0200 RB: Hungarian: Fanfares & drums; then news and classical guitar music. (555 3/1 Robinson-TN)
 2220 RB: EE: Result of politics/economics survey; then talk on Hungarian-foreign joint ventures. (pr-fr 3/8 Famularo-JP)
 2250 RB: EE: "DX World" with discussion on solar activity; was weak and difficult to understand. (242 3/13 Dettling-IL)
 2257 RB: EE: DX Program with talk on German DX Magazine "Kurier"; @2258: straight into IS and Hungarian. Strength dropped! Beam change? (343 3/10 Westenhaver-PQ)
 11910 2204 RB: EE: News on the Hungarian/Italian economic summit; audio was slightly muffled. (433 3/23 Johnson-IL)

ITALY Radiotelevisione Italiano
 5990 0447 RAI: Lithuanian: IS(bird chirps); sign-on and news by woman. (422 3/23 Johnson-IL)
 9575 0103 RAI: EE: News: the Prime Minister tells parliament that it must pas the reforms. (444 3/22 Fraser-MA)
 10233 2345 Radio Uno (Night Svc -BC): II: Apparent feeder; Italian pops and talk till 2359; then 5 pips and "Radio Uno" ID; followed by small English newscast from RAI and back to Italian at 0003; music at 0008. (353 3/19 D'Angelo-PA)
 11800 0107 RAI: Italian: News and "Radio Roma" ID; Italian pops with male tenor. (Frankie could't have done better!)(534 3/7 Newbury)
 0110 RAI: EE: Italian fashion and cinema feature. (gd 3/22 McGuire)
 2330 RAI: II: "Musica Classical" classical music. (444 3/11 Fraser)
 11905 0210 RAI: ??: Continuous music selections. (444 3/15 Levison-PA)

LUXEMBOURG
 15350 1825 Radio Luxembourg: GG: Elvis, "Caught In a Trap"; Stones, "The Last Time"; ID in FF, GG and EE. (322 3/8 Pasquale-PA)

MONACO Trans World Radio
 9480 0748 TWR: EE: Religious program on having Jesus Christ as your Savior; ID @0800. (pr-fr 3/18 Goetsch-PA)

NETHERLANDS Radio Netherlands
 6020 2331 RN: EE: NEWS: FBI releases 3 in WTC bombing; Iraq continues human abuse. (33333 3/6 Newbury-NE)
 9895 2230 RN: SS: News, with much on Bosnia. (333 3/11 Lukas-NY)

NORWAY Radio Denmark Radio Norway Int'l
 9560 0200 RNI: EE: This freq replaced 9565 on 3/28. (454 3/29 Lukas-NY)
 0230 RD: Danish: on after RNI; weaker audio. (332 3/29 Lukas-NY)
 9650 0355 RD: Danish: ID in English; news in Danish. (433 3/6 Pasquale)
 9655 *2300 RNI: Norwegian: Freq anmt and news. (fr 3/7 Clar-NY)
 11795 2310 RNI: EE: "Norway Now" with news item on a woman's group protesting topless waitresses by sending bras to the ministry. (333 3/14 Fraser-MA)
 11850 2200 RNI: Norwegian: IS, ID in English, then news in Norwegian. (433 3/23 Johnson-IL)
 15180 2105 RNI: EE: Talk on whale and seal hunting. (343 3/14 Dettling-IL)
 Just to add to the existing RNI-Z93 confusion, here is another list.

RADIO NORWAY INT'L English schedule:

	UTC	Khz		UTC	Khz
Sun	1200	17740, 17860	Mon	0000	9675, 15165
"	1300	9590, 15230	"	0100	9615
"	1600	15230, 17825	"	0200	9560, 11925
"	1700	9655, 15220	"	0400	9740, 11730, 11865, 15175
"	1900	15355, 15365			
"	2100	15165			
"	2300	9655, 11795			

POLAND Polish Radio, Warsaw

11840 *1600 PRW: EE: Domestic news & music; then "Panorama" regarding Polish history and culture. (454 2/13 Card-RI)

1600 PRW: EE: News and discussion of woman's day; "Postbag" mailbag program. (433 3/8 Pasquale-PA)

PORTUGAL Deutsche Welle Radio Portugal Radio Free Europe

9505 2228 RFE-Maxoqueira: Romanian: Program of incredibly boring US pop rock music; they must have worked hard to put this blah music selection together. (333 3/13 Westenhaver-PQ) It's Romania! BC

9570 0231 RDP: PP: //9705; Program of folk music with interviews. (333 3/7 Newbury-NE) NOW at 0130 ut, since 3/28/93. -BC

0240 RDP: EE: News of new Portugese weather service; wx: 15 degrees and clear; then "Spotlight on Portugal". (433 3/25 Brown-IL)

2300 RDP: PP: Vocal guitar music (Fado music), and orchestra music from Portugal. (555 4/10 Robinson-TN)

11840 *2154 RDP: PP: ID's over guitar, then s/on with national anthem. (444 3/23 Johnson-IL)

17900 1920 RDP: PP: Woman with musical selections. (444 3/15 Levison-PA)

21515 1540 RDP: EE: Woman with news: Portugal starts talks in Rome with Indonesia on East Timor. (323 3/11 Bellovich-FL)

21655 1841 RDP: PP: Various vocal music selections. (444 3/22 Levison-PA)

21680 1245 DW-Sines: GG: Everything you wanted to know about this week's Bundesliga results, and other sports. (343 3/14 Westenhaver)

ROMANIA Radio Romania Int'l

9570 0248 RRI: Slavic?: Folk music, light opera, applause and laughter; national anthem and off @0300*. (54555 3/8 Newbury-NE)

11831 0246 RRI: EE: Mailbag program with man/woman reading comments from listeners and answering questions. (333 3/26 Westenhaver-PQ)

SLOVAKIA Radio Slovakia Int'l

5930 0130 RSI: Slovak: IS(vibraphone), ID and news. (322 3/11 Hankison)

7310 0120 RSI: EE: Discussion on the dam project between Hungary and Slovakia, stating Hungary has changed this from environmental to political problems. New station, new bull! (322 4/10 BC)

9810 0108 RSI: EE: //5930(weaker), 7310(WHRI QRM); Program on the famous Piestany spa; then message from the director of the English section, Richard Guga(He's from Toronto!). (343 4/4 WW-PQ)

SPAIN Radio Exterior de Espana Spanish National Radio

9530 0034 SNR: EE: "Radio Club", answering letters. (444 3/12 Levison)

0110 SNR: EE: "Planet Earth" program. (433 3/25 Lemke-ABT)

0222 REE: SS: Talk on exporting books to Latin America and protests by Venezuelan students. (544 3/17 Bickus-VA)

0510 SNR: EE: News of US tightening Serbian sanctions, and Bosnian president allows division of territory. (555 3/6 Newbury-NE)

9620 1831 REE: SS: //17890, 17845; The Sunday evening futbol magazine, with reports on matches and studio chat. (242 4/4 WW-PQ)

9690 0300 China Radio Int'l: EE: IS, ID and world news; Chinese news and discussion of the ongoing sessions of the National People's Congress. (fr 3/27 Goetsch-PA)

0309 China Radio Int'l: EE: News about China. (433 2/26 Lemke-ABT)

17890 2300 REE: SS: "Para n America"; news of Peru, Fujimora, and Juan Carlos. (555 4/5 Robinson-TN) Could this be via Costa Rico? BC

SWEDEN Radio Sweden

9695 0210 RS: EE: Commentary on the problems that ethnic Russians have living in the Baltic States. (333 3/16 Kyburz-CO)

0211 RS: EE: "60 degrees North"; ID and "Mediascan" with upcoming schedule changes. (333 3/16 Brown-IL)

0214 RS: EE: "Money Matters" (333 2/18 Lemke-ABT)

15240 1436 RS: Estonian: Sound bites of a Nordic conference; ID, and addresses; into Swedish @1436. (444 4/3 Westenhaver-PQ)

1524 RS: EE: "Mediascan" with George Woods. (353 3/30 Lukas-NY)

17870 1620 RS: EE: "Sports Roundup". (444 3/22 Johnson-IL)

1624 RS: EE: Program on serious contemporary music: with interview of composer on instruments and composition. (444 3/6 Newbury)

21500 1602 RS: EE: News, weather, ID and comments. (444 3/17 Levison-PA)

SWITZERLAND Swiss Radio Int'l

6135 0020 SRI: EE: Story of famous: from sheep herder to sheep steward. (53544 3/6 Newbury-NE) I don't get it? BC

0200 SRI: EE: News of violence in the Gaza strip. (333 3/16 Brown)

0354 SRI: EE: IS, ID, and world news. (433 3/10 Brown-IL)

0400 SRI: EE: Man with commentary on Bosnia. (444 3/3 Langlois-FL)

SWITZERLAND

Swiss Radio Int'l

continued

- 6135 0420 SRI: EE: //9860(444); Woman with discussion on Swiss watches and jewelry; ID and off @0430. (534 4/1 Owsley-CA)
- 9650 0222 SRI: EE: The "Two Bobs" answer questions on SSB drift in a receiver. (444 3/27 Kyburz-CO)
- 9860 0359 SRI: EE: ID, news and "Grapevine" with a discussion on Swiss rock music. (433 4/2 Brown-IL)
- 12035 0355 SRI: EE: ID, news and "Dateline". (433 3/25 Brown-IL)
- 0400 SRI: EE: News and commentary. (444 3/26 Levison-PA)
- 13635 1705 SRI: EE: "Round-about Switzerland". (343 3/14 Thompson-CA)
- 15430 1658 SRI: EE: IS, ID and news: a convoy leaves with 700 refugees. (333 3/20 Brown-IL)
- 15505 1618 SRI: GG: "Schweizer Radio International" ID, and discussion on the European economy. (232 4/14 Ashimori-JP)
- 17635 *1700 SRI: EE: //15430; IS, ID and news: unemployment claims in Switzerland to be extended from 300 to 400; then "Grapevine". (323 3/20 Bellovich-FL)
- 1700 SRI: EE: News, "This Week in Switzerland", and "Grapevine" with a question on watches. (333 3/27 Brown-IL)
- 1715 SRI: EE: "Future Watch" on meteorology. (343 3/22 Johnson-IL)
- 21810 1515 SRI: EE: //17670, 15505; Talk on the women's movement in Switzerland, very interesting feature. (434 3/12 Bellovich)

UNITED KINGDOM

British Broadcasting Corp

- 7230 0518 Radio Japan: EE: "Hello From Tokyo" with listeners letters and discussion on Vietnam and its needs. (222 3/20 Brown-IL)
- 7325 *2215 BBC: EE: "Jazz For the Asking" with Malcolm Laycock, nice music, one of my favorite programs. (455 3/6 Bellovich-FL)
- 0132 BBC: EE: Commentary on the "Mongols". (555 3/24 Levison-PA)
- 9410 1608 BBC: EE: "News About Britain" on Britain's recession, and then a program on Indian film music. (343 4/14 Ashimori-JP)
- 9825 2302 BBC: PP(Brazilian -BC): Talks on British rock groups and mini English lesson. (242 3/10 Westenhaver-PQ)
- 9915 0030 BBC: EE: Program on this week's happenings. (444 3/6 Newbury)
- 2215 BBC: EE: "Seeing Stars" on the space probe Galileo visiting Jupiter, quasars. (454 3/7 Fraser-MA)
- 2231 BBC: EE: A. Cooke's "Letter From America". (444 3/21 Brown-IL)
- 15070 1445 BBC: EE: Discussion of Salman Rushdie's new book "Shame". (343 3/17 Brewer-KS)
- 1745 BBC: EE: Sport scores. (444 3/3 Langlois-FL)
- 1939 BBC: EE: "Seven Seas" east coast of Britain readying for ultra high tides (which never came). (353 3/11 Fraser-MA)
- 15325 1338 Radio Canada Int'l: "Innovation Canada" with item on using chiropractors to treat babies with colic. (243 4/3 WW-PQ)

VATICAN CITY

Vatican Radio

- 7305 0250 VR: EE: "With Heart and Mind" about Jesus raising Lazarus from the grave. (444 3/27 Kyburz-CO)(44444 3/19 Newbury-NE)
- 0251 VR: EE: Discussion on euthenasia, and interview with someone who recovered after being given up on. (444 3/18 Brown-IL)
- 9605 0304 VR: EE: "By The Way", the Pope visits agricultural areas on St. Joseph's Day. (333 3/19 Brown-IL)
- 0305 VR: EE: Discussion of upcoming Papal meeting with bishops from the U.S. and other countries. (342 3/14 Dettling-IL)
- 15090 1350 VR: EE: Pope's Easter mass in Latin with English translation; "Post Cards From Rome" w/tourist info. (333 4/15 Ashimori-JP)
- 1700 VR: FF: "Ici Radio Vatican" ID and news. (333 3/27 Ashimori)
- 1748 VR: EE: Talk on the Savior and salvation. (343 3/19 Owsley-CA)
- 17730 *1730 VR: EE: /15090; "This is the African service of Vatican Radio" ID; then talk on the "right to life". (323 3/20 Bellovich-FL)

YUGOSAVIA

Radio Yugoslavia

- 6005 1932 RY: EE: Odd mix of unbiased & propagandstic news; mentioned 6100, 7200 & 15140 kHz; at 1830 after 3/30. (fr 3/23 Famularo)
- 9505 2218 RY: EE: Feature on crisis in Russia. (3/23 Johnson-IL)
- 9580 0032 RY: EE: War news with anti Croatian & Bosnian Muslem stance. report on helping refugees with problems. (434 4/1 Bellovich)
- 0102 RY: EE: "Observers have not seen any human rights abuses" but "Muslem attacks", not Serbian attacks. (545 3/7 Newbury-NE)
- 0105 RY: EE: War news and commentary on Russia. (gd 3/23 McGuire)
- 21605 1248 RY: EE: Woman with movie review; reception deteriorated, heard "P.O.Box.." and some frequencies given. (pr 3/15 Famularo-JP)

while I still have access to a laser printer and copy machine, if you send me \$4.00 I will send you a copy of the "DX and Other Interesting Programs" List. It's a bargain! And, that's about it for another month. 73. Bob



THE COMMONWEALTH

Armenia Belarus Kazakhstan Kirghizstan
Moldova Russia Tadzikstan Turkmenistan
Ukraine Uzbekistan
(non-CIS) Azerbaijan Estonia Georgia
Latvia Lithuania

BRUCE ROBINSON

6533 Daffodil Way

West Jordan, Utah 84084

Howdy!! May, springtime at it's best, and my birthday are all here!
(Now if you were thinking about getting me an R-8 or R-5000 for my
birthday, but hesitated lest I get TWO receivers, don't hesitate!!!
My wife assures me that there is a snowball's chance . . . , oh, never
mind! You get the idea!!!)

(Is this any more legible than my last 3 columns?? When in doubt READ
THE OWNER'S MANUAL!!! One can find out all sorts of things!!!)
Enough nonsense, let's move on to the loggings!!!

COMMONWEALTH

- 4860 0330 R UKRAINE Ukrainian; Mx // 9860, not as strong, RTTY
interference (232 3/22 Lukas-NY)
- 5905 2310 (f)R NADEZHA RR: Px of mx by "Earth, Wind, & Fire", brief
tx and anmts, ID's (?), promo-ad (?), (f w/fading 3/3
Clar-NY)
- 5930 1528 R ROSSIY, MURMANSK RR: Long version of Door's "Light My
Fire", m w/political tx //4795 (pr-fr) (fr-gd 3/27
Famularo-JP)
- 7150 0320 R MOSCOW ??: "Moscow Mailbag" w/questions and answers; px
abt satellite communications (33333 3/6 Newbury-NE)
- 7165 0700 R UKRAINE Ukrainian: IS to 0701; (p) NA; M anmt & intro
nx; via Armavir, per WRTH (242 3/4 Westenhaver-PQ) (Bill,
what are you doing staying up this late???) Your Mom said
to make sure you were in bed by 10:00, or 0200 UTC!! br)
- 7195 0210 R UKRAINE RR: Folk songs, with/without vocals; Very
pleasing to my ears!!! (444 3/22 Levison-PA)
- 7240 2300 R UKRAINE EE: ID's, "new residential in Kiev"... "state
coal industry" (is this a step backward for "free
enterprise"???)--br) (545 4/1 Robinson-TN)
- 7360 2200 R MOSCOW FF: S/on routine, ment this last hr of day for
Eur/Afr, nx; px "Evenements et Opinions" abt foreign
interest in RR govt crisis (343 2/13 Westenhaver-PQ)
- 9480 2247 R YEREVAN EE: W w/nx on war w/Azerbaijan, natural gasline
through Georgia restored (333 3/6 Bellovich-FL)
- 9505 0044 (f)KAZAKHSTAN R ?? language: ME sounding string + vocal
mx, (presumed) ID by M @ 0058, + anmts, p w/flutter + QRM
WYFR (???) 3/20 Clar-NY)
- 9620 2250 R MOSCOW EE: "Moscow Mailbag"--The double eagle insignia,
arms sales, cable radio (555 3/11 Fraser-MA) @ 2215
"Moscow Mailbag" w/questions abt Universities and RR
attitudes towards Germans //17690 (434 3/7 Bellovich-FL)
- 9665 0422 R MOSCOW SS: ID; px "Para Ti, Mujer" w/songs by
Tchaikovsky & RR ballads; @0445 ID into nx; very good
signal until 0440 when it turned a bit watery (343 4/1
Westenhaver-PQ)
- 9685 2300 R MOSCOW FF: S/on mention this best for Canada--but ment
only 9810, then nx w/lot abt Yeltsin vs Congress of
People's Deputies //9810(333-232)(343 3/13 Westenhaver-PQ)
- 9750 0005 R MOSCOW EE: Px "News and Views", comments abt the RR
Parliament; Mx px at 0030 (444 3/5 Levison-PA)
- 9810 2130 R MOSCOW EE: "Yours For The Asking"--pop mx for the young
(555 3/23 Fraser-MA)
- 9860 1311 R MOSCOW EE: Program "Culture & The Arts" // 9755(434)
(454 4/8 Brown-OK) (Welcome to THE COLUMN, John!)
- 9860 0100 R UKRAINE Ukrainian: ID, ladies sing and then men sing in
response, flute mx-orchestra (545 3/27 Robinson-TN) @2220
EE: "Ukraine Diary" rpt on the Bolsheviks extermination of
the Ukraine peasants (555 3/10 Fraser-MA) @2250 Px
"midweek" w/items abt US-Ukraine business ventures (434
3/10 Westenhaver-PQ) (ALMOST psychic, Bob and Bill!!! br)
- 9860 1106 R NEDERLAND EE: Px abt the re-unification fo the two
Korea's // 7260 (353 3/9 D'Angelo-PA)
- 9880 0452 R MOSCOW FF: IS @ 0452, then program and nx @0500 (353
3/27 Lukas-NY)

- 9890 0547 **R MOSCOW** EE: Song "Love At First Sight", RMWS ID @ 0557 (??? 3/27 Goetsch) (Welcome to **THE COLUMN** Mikell! Where are you located???)
- 11840 1545 **R JAPAN via NOVOSIBERSK** CC: JJ pop songs, tx, ID, S/off-- followed by "University Network" program at 16:00 (hence confirmed via Novosibersk) (443 4/3 Ashimori-JP) (I'm envious Tsunakkil!!!!br)
- 11840 1600 **UNIVERSITY NETWORK** EE: ID "The University Network presents Dr. Gene Scott", usual Dr. Scott religious talk, mx, request for letters and calls (I called and lady on phone confirmed the site as Novosibersk) (443 4/3 Ashimori-JP)
- 11870 2140 **R MOSCOW** EE: Program "Culture & The Arts" //11760, 11750, 15355 (333 4/6 Brown-OK) @ 1407 // 15225 & 15290. 15355 was the best of the three freqs (353 3/28 Lukas-NY)
- 12025 0204 **R NEDERALND via KAZAKHSTAN** ??: Interview w/ "Organ for Applied Research"; ID @0204; Nx, wx-cold & rain (35533, clearing to 45544 3/19 Newbury-NE)
- 12050 0400 **R MOSCOW** ??: Yeltsin supports referendum; Opposition doesn't think they have enough votes to ouster Yeltsin; Clinton seeks \$\$ aid for CIS (44433 3/26 Newberry-NE)
- 15355 2111 **R MOSCOW** EE: "Focus On Asia" //15290(554)(545 4/6 Brown-OK)
- 15470 1340 **R TASHKENT** EE: Mx, m w/ID "You are tuned to Radio Tashkent", m w/tx on "Spring Festival" activities, // 17745 (212 3/27 Bellovich-FL)
- 15480 1427 **R MOSCOW** EE: Px abt the makeup of the Russian Federation; Q & A from listeners; ID @ 1431 (333 3/26 Brewer-KS)
- 15485 1736 **R MOSCOW** EE: Program "Audio Book Club" with the story "My Brother", the "read" books of RR writers (353 3/15 Lukas-NY)
- 15510 1508 **R MOSCOW** FF: M nx to 1510; ID & px "Evenements et Opinions" meeting of Congress of Peoples Deputies; site Grigoropol, Moldava, per WRTH (242 3/6 Westenhaver-PQ)
- 17690 2207 **R MOSCOW** EE: World nx; @2211 "Focus on Asia & The Pacific" with item abt East Asian Security Treaty (242 3/5 Westenhaver-PQ)
- 17690 0120 **R UKRAINE** EE: Mx; show tunes in Ukrainian, ID by W; letter read from Boston family. Pop mx w/band (54544 3/7 Newbury-NE)
- 17710 1235 **R MOSCOW** EE: Px abt 19th century classical mx requests //17810 (343) (242 3/13 Westenhaver-PQ)
- 17810 1500 **R MOSCOW** ??: "Constitutional law says both Yeltsin and Congress have limited powers." Summit w/Clinton is still on; ID, "New Market" w/economic nx (??? 3/23 Newbury-NE) @1418 EE: "Science & Engineering"- Nikoli Telsa, endangered fish (554 3/21 Fraser-MA)
- 17860 1786 **R MOSCOW** EE: News, followed by "Focus On Asia" //21690 (252) (454 4/8 Brown-OK)
- 17890 0300 **R MOSCOW** ??: Concern for Yeltsin's "Rule By Decree"; US calls for world support of CIS reforms; some fading (44434 3/23 Newbury-NE)
- 21480 0210 **R MOSCOW** EE: Nx followed by mx px abt Rachmaninoff (555 3/6 Kyburz-CO) (better get the high freq loggings while we can!!!!br)
- 21785 1400 **R MOSCOW** EE: W w/nx headlines-Yeltsin proposes referendum on confidence in the president and confidence in the parliament //15480, 15540 (323 3/27 Bellovich-FL)
- LITHUANIA**
- 7150 0015 **R VILNIUS** EE: Promo abt R Vilnius's Listener's Club, ID's, Folk mx, fading with QRM (??? 3/1 Clar-NY) Restoration of old cathedral and of cathedral itself; fiddle between items (43444 3/7 Newbury-NE)

DX-TIPS:

Thanks to Tsunaaki Ashimori for the schedule for the University Network from the CIS:

1700-0100	6120	0100-1100	12040
1130-1600	6070	0400-0800	21845

The address is: UNIVERSITY NETWORK, P.O. Box 1, Los Angeles, CA 90053; and the phone number is: 1-800-338-3030; and non-USA callers can call collect to this number: 818-240-8151

If you log this station, or verify it as well, let us know!!!



AFRICA

Paul Wakefield Box 188
West Branch, IA 52358

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

Things may look a little bit skimpy this month, but there's a reason for it (admittedly, a highly implausible one)- I'm actually trying to finish this right on the deadline. My employer is sending me to beautiful Madison, Wisconsin this week for a "training" seminar. It won't be a pleasant sight- unruly gangs of accountants, roaming the sleazier parts of town, cornering luckless souls at random and threatening them with an explanation of dual declining balance depreciation. Assuming that I'm not under confinement next month, I'll return to my usual procrastinating ways.

ASCENSION ISLAND

- 6005 2325 BBC: EE: "Newsdesk"- M w/rpt on malaria (444 3/19 Owsley-CA)
6155 0401 VOA: EE: Reaction to Yeltsen's anmt of emergency rule, more violence in the Gaza Strip (433 3/20 Brown-IL)
9600 0320 BBC: EE: Sports (soccer), rpt on economic reforms in Kenya (322 3/22 Brown-IL)
11750 0300 BBC: EE: Nx- computer convention, German neo-Nazi given two year suspended sentence (444 3/23 Brown-IL) Classical mx pgm using exotic instruments like the Balalalka, ID (343 3/6 Newbury-NE)
15260 2230 BBC: EE: ID, "Letter From America"- Alistair Cooke on St. Pat's Day parade in NYC (444 3/21 Brewer-KS) Rpt that Kim-Il Sung secretly visited China, seeking support for denying inspectors access to nuclear facilities (444 3/27 Bellovich-FL)
15400 2127 BBC: EE: ID, "Newshour"- UN rpt says that US aided & abetted human rights abuses in El Salvador- Jeanne Kirkpatrick & Elliot Abrams misled Congress (344 3/15 Westenhaver-PQ) Australia beats US in Davis Cup play (222 3/27 Brown-IL)
17880 1748 BBC: EE: "Sports Roundup", ID/TC/nx (343 3/14 Thompson-CA)
21660 1738 BBC: EE: Rpt on authors in the Carribean area, ID, this freq 1745* (333 3/27 Brown-IL)

BENIN

- 4870 0511 ORTB: FF: Western style pop mx w/EE vocals (333 3/23 Johnson-IL) W ancr w/Afropops (322 3/3 Hankison-KS)

BOTSWANA

- 3356 0257 R. Botswana: EE/Sets: Barnyard IS, EE ID at hour, into Setswana pgm (232 3/5 ed.)
7265 0455 VOA: EE: Story of disabled children (322 3/3 Hankison-KS) M w/tlk on US support for Russian democracy (444 3/25 Owsley-CA) "VOA Saturday Morning"- voting begins in Australia (333 3/11 Brown-IL) State Dept sees progress in Bosnian talks, Israel blasts S Lebanon camps (554 3/7 Newbury-NE)
7280 0440 VOA: EE: Disc of farming & crops, rpt on Clinton administration's environmental policy (322 3/26 Brown-IL)
13710 1730 VOA: EE: "Country Mx USA", "Moondog Coronation Ball II" from Cleveland Public Hall (232 3/26 Fanderys-OH)
15495 2046 VOA: EE: "Nightline Africa" w/piece on a marriage counselor who sees marital conflicts as stemming from unhealed childhood wounds [so it's not the radio thing after all? -ed.] QRN/QSB- not too great (242 3/13 Westenhaver-PQ) Rpt on hemoglobin, Clinton's economic plan (333 3/21 Brown-IL)
15625 2125 VOA: FF: W w/"Washington" ID (222 3/6 Hankison-KS)

BURKINA FASO

- 4815 2315 RTV Burkina: FF: Pop & hlife mx, brief tlk by M. TCs, IDs, 2358 s/off anmt followed by balafon IS, into NA 2358-0001* -co-channel QRM de R Difusora-Brasil (pr 3/28 Clar-NY) Native folk mx- flute & vocals (232 3/24 Johnson-IL)

CAMEROON

- 4850 2258 CRTV-Yaounde: FF: End of M tlc, ID at top of hour, slipping in & out of the QRN (222 3/5 ed.)
 5010 0506 CRTV-Garoua: EE: Afr nx w/item on Liberia (333 3/23 Johnson)

CHAD

- 4904.5 0435 RTV Tchadienne: FF: Upbeat xylophone mx (343 3/23 Johnson)

COMOROS

- 3330 1322 R. Comoros (t): FF/?: Nice Afro vocals, M ancr, ID obscured by burst of QRN, M tlc in ?? lang, instrumental mx- signal fading by 1335 (342 3/11 Thompson-CA)

EGYPT

- 9475 0200 R. Cairo: EE: ID, sked, Arab nx (333 3/25 McGuire-MD) [welcome aboard, William!] IDs, "...Napoleon invaded Egypt in 1798...", nx of "African peacekeeping forces" (545 3/27 Robinson-TN) Spanish guitar mx (1), "The Holy Qur'an and Its' Meaning"- muddy audio, //9220 had strong carrier but barely audible audio (333 3/6 Westenhaver-PQ) Nx, bars of NA, lousy modulation (353 3/6 Newbury-NE)
 9900 2215 R. Cairo: EE: Nx, feature on religion of Islam (433 3/28 Pasquale-PA) Sked, ID, AA mx (Gd 3/20 McGuire-MD) W tlc, 2130 TPs, nx theme, ID, nx- audio undermodulated (pr 3/16 Famularo-JP) Great sounding AA mx, pgm on Ramadan activities in Cairo- poor mod, hard to understand ancrs (433 3/19 Bellovich-FL) The signal is good but the audio still stinks- they need new mikes (452 3/11 Lukas-NY)

ETHIOPIA

- 9560 1428 VO Ethiopia (t): AA: Brief E Afr mx & AA ancr, heard between s/off of R Australia JJ svc & EE s/on (222 3/27 Hankison)

GABON

- 4890 0440 RFI: FF: Two M in FF incl a telephone rpt (444 3/6 Newbury)
 12035 *2200 SRI: EE: World nx, "Dateline" incl rpt on Angolan fighting, IDs (fr 3/17 Famularo-JP)
 15355 1545 RJ: EE: Ian M. w/DX tips for the new SW listener (433 3/7 Hankison-KS) Nx, ID, freq changes starting 4/1, into "This Week" pgm w/feature on birds- "This is the Year of the Bird" - heavy QRN (323 3/27 Bellovich-FL)
 17630 0703 ANO: FF: Nx headlines incl failed coup in Togo, W DJ w/Afropops & hiliife //9580 (fr-gd 3/26 Famularo-JP)
 21700 1605 RJ: JJ: M w/(p) nx, only readable in bits, but lang definitely JJ, into other pgm w/M & W chat @ 1615, bad QSB- up & down (142 3/6 Westenhaver-PQ)

GHANA

- 3366 2238 GBC-2: EE: Pop/soul mx, M w/tlc, anmts, IDs & TC into relay of GBC-1 nx (fr 3/3 Clar-NY)
 4915 2230 GBC-1: VN: Local mx in VN, good ID in EE (433 3/28 Pasquale-PA) ID & drums (343 3/21 Johnson-IL)

GUINEA

- 7125 2330 RTV Guineenne: FF: African pop mx to ID @ 2333 (433 3/6 Hankison-KS)

KENYA

- 4935 0157 KBC: EE: IS mixed w/W IDs, 0200 choral NA, into M s/on anmts & nx (242 3/19 ed.)

LESOTHO

- 3255 0300 BBC: EE: TPs & ID by M, into world nx incl rpt on US airdrop of food into Bosnia (232 3/2 Owsley-CA)
 4800 0425 LNBS: Sesotho: Two M tlc, 2031 tribal mx, more yak- terrible QRN (342 3/25 Thompson-CA)
 11940 1443 BBC: EE: English football nx (terrible signal, verified by listening to Sackville-15260) (111 3/13 Hankison-KS)

LIBYA

- 15235 2221 VO Great Homeland: AA: Long M harangue, swirling AA mx, then martial mx bridge & more M tlc- very lo mod (242 3/29 ed.)

MADAGASCAR

- 11655 2114 RN: FF: W ancr presents pgm of guitar mx, strong signal but some audio distortion, //9895 (433 3/14 ed.)
 15150 1510 RN: EE: "East of Edam"- interview w/singer/writer Tom Robinson, preview of "Happy Station" (333 3/7 Hankison-KS)

MALI

- 5995 0637 RTV Mali: FF/VN: Mx & tlk (232 3/27 Stine-MD) Indigenous mx- Mauritanian type guitar & vocals (444 3/24 Johnson-IL)
 9770 0000 CRI: EE: IS, ID, followed by world & Chinese nx, pgm on the ongoing sessions of the National Peoples Congress (? 3/26 Goetsch-PA) [Welcome, Mikell!]
 11715 0007 CRI: EE: Nx, ID, "The international community should not punish N Korea for not allowing inspections of nuclear facilities" [Sounds like Kim got more than frequent flyer miles out of that Beijing junket after all- ed.] //9770 (434 3/24 Bellovich-FL) @ 0245 in CC w/choral & contemporary mx, incl "Mack the Knife" (555 3/7 Newbury-NE)
 15110 1615 CRI: EE: "Current Affairs"- anti-US tlk about butting in on human rights in China (333 3/4 Owsley-CA)

MAURITANIA

- 4845 0008 ORTM: AA: Sounded like an interview (one M obviously asking short questions) (343 3/24 Johnson-IL) Animated conversation between several M (333 3/11 Hankison-KS)

MOROCCO

- 11720 2000 VOA: EE: Heard over R Bulgaria, 2030* (222 3/29 Lukas-NY)
 15290 2133 VOA: EE: Nx, rpt on World Trade Center bombing, 2137 ID (222 3/6 Hankison-KS)
 15345 1540 RTV Marocaine: Non-stop AA tlk by M, //15335 (not as strong) (333 3/7 Hankison-KS)

NIGERIA

- 4770 0440 RN-Kaduna: EE: M w/ID, into old Michael Jackson mx (312 3/20 Bellovich-FL) Rock mx (Elton John, Hall & Oates), obituaries, ID & TP on hour- mixed EE/VN (333 3/24 Johnson-IL) M w/US pops, incl Dolly Parton (333 3/19 Owsley-CA)
 4990 2225 RN-Lagos: EE: Anti-drug PSA, IDs, TC, pgm notes, into pops (fr 3/3 Clar-NY)
 7255 0035 VON: EE: Afr nx (fr 3/23 McGuire-MD) M w/nx- many ments of Abuja (the new Federal capital)- modulation was OK, for a change! (343 3/30 Westenhaber-PQ) Pgm previews (423 3/3 Hankison-KS) IS, drums, ID, pgm notes, a description of the end of Ramadan (433 3/20 Brown-IL) M w/critical tlk on Nigerians who emigrate instead of staying to help develop "the Fatherland" (444 3/11 Bellovich-FL) Drums, NA, ID, pgm preview (343 3/6 Newbury-NE)

RWANDA

- 9565 *0500 DW: GG: IS, M w/ID, directly into nx (322 3/19 Owsley-CA)
 17860 2135 DW: GG: ID, cmty on German development assistance in the countries of the former Soviet Union (444 3/30 ed.)

SENEGAL

- 7170 0027 ORT du Senegal: FF/VN: Excerpt from (p) political speech, M ancr w/ID & tlk w/ments of Dakar, Afr tribal rhythms, ARO QRM (fr 3/31 Clar-NY)

SEYCHELLES

- 9630 2015 BBC: EE: Rpt on Australian economy, BBC magazine promo, ID, intp PP @ 2030 (pr-fr 3/11 Famularo-JP)
 11710 1459 FEBA: EE: IS, barely audible ID, heavy QRN (211 4/9 ed.)
 11840 1720 FEBA: Oromo/AH: M w/tlk in Oromo, pgm of Afr tribal mx & chant, ID+IS @ 1730, into AH tlk, folk mx (fr 3/20 Clar-NY)
 11920 0250 BBC: EE/SH: A to Z EE practice lessons, SH @ 0300 (555 3/6 Kyburz-CO) Tonic IS to 0245, ID/TC, EE by Radio "Question & Answer" pgm for Afr listeners, 0300 TP & into SH to 0329* - really good tonight! (343 3/6 Westenhaber-PQ)
 15420 1750 BBC: EE: "Sports Roundup", ID, theme mx, pips into TC followed by "Newsdesk" (fr 3/20 Clar-NY)

SIERRA LEONE

3316v 0659 SLBC: EE: ID followed by nx- ute QRM (222 3/28 Fanderys-OH)

SOUTH AFRICA

4810 0150 R. Orion: EE/AK: Mx by Frank Sinatra, M w/wx for Johannesburg & Bloemfontein (252 3/5 Bagozzi-CA) M DJ w/soft rock, new wave, pop mx (343 3/6 Newbury-NE)

9695 0404 CA: EE: Polygamy reduces AIDS & drug use in Swaziland, jazz pgm, bit on St Patrick, animal calls (544 3/17 Newbury-NE)

11745 0502 CA: EE: Iranian extremists helping Sudanese battle Christian rebels in S Sudan (444 3/11 Bellovich-FL)

11820 0455 CA: FF: New & improved (ha!) IS (the old one had so much more charm), ID (433 3/23 Johnson-IL)

15380 1817 CA: FF: "Vous ecoutez Canal Afrique" ID, intro political nx rpts from various Afr countries, e.g. Cameroon & Ivory Coast- splash de Ukraine-15375 (232 4/2 Westenhaber-PQ)

15430 0500 CA: EE: ID "This is Channel Afr coming to you from Johannesburg", then nx (343 3/4 Bagozzi-CA)

17710 1601 CA: EE: W w/world nx, ID (pr-fr 3/28 Famularo-JP) Dramatization of Afr folk story, pops ("Trains, Boats, & Planes"), IDs, freq anmt, 1734 "Women & Change" feature on single motherhood (pr-fr 3/14 Clar-NY)

SUDAN

9165 1800 R. Omdurman: EE: Domestic & international mx, 1850 ID "This is R Omdurman", EE svc 1900* (353 3/7 Card-RI) @ 0311 in AA w/chanting, M tlk (333 4/4 Stine-MD)

TOGO

5047 2245 RTV Togolaise: FF: Soft classical mx, good ID in FF (322 3/28 Pasquale-PA)

TUNISIA

12005 2250 RTV Tunisienne: AA: AA mx & vocals to 2302 ID by W, into (p) nx by M (333 3/29 ed.)

CLANDESTINE

7100 2322 A Voz de la Resistencia do Galo Negro: PP: M w/ID, Afropop mx, 2324 ID (423 3/6 Hankison-KS)

RADIO NEDERLAND TRANSMISSIONS VIA MADAGASCAR RELAY
(period from: 28 March 1993 to 25 September 1993)

Time(UTC)	Language	Main target area	Stn/kHz	Mb
0030-0325	d English	South Asia	M 9860	31
0030-0325	d English	South Asia	M 11655	25
0330-0425	d Dutch	East Africa	M 9895	31
0330-0425	d Dutch	Middle East	M 13700	22
0800-0925	s Dutch	Cambodia	M 21485	13 (@)
1030-1125	d Dutch	Southeast Asia	M 17580	16
1030-1125	d Dutch	East+Southeast Asia	M 21480	13
1130-1325	d Indonesian	Indonesia	M 13700	22
1130-1325	d Indonesian	Indonesia	M 11740	25
1330-1625	d English	South Asia	M 9890	31
1330-1625	d English	South & East Asia	M 15150	19
1630-1725	s Dutch (R)	South Africa	M 6020	49
1630-1725	s Dutch (R)	East Africa	M 11655	25
1630-1725	w Dutch	South Africa	M 6020	49
1630-1725	w Dutch	East Africa	M 11655	25
1730-1925	d English	South Africa	M 6020	49
1730-1925	d English	East Africa	M 7120	41
1930-2125	d French	Central+West Africa	M 9860	31
1930-2125	d French	Central+West Africa	M 11655	25
2130-2325	d Indonesian	Indonesia	M 7285	41
2130-2325	d Indonesian	Indonesia	M 9590	31
2330-0025	d Dutch	Southeast Asia	M 7285	41
2330-0025	d Dutch	Southeast Asia	M 9590	31

=====
@ Special programme for Dutch United Nation troops in Cambodia
(This program is sunday's only and was launched January 17th, 1993)



ASIA/OCEANIA

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

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

AUSTRALIA VLM Brisbane Radio Australia
 2310 1241 VL8A ALICE SPRINGS: EE: Rock mx w/M ancr; terrible QRN (252 3/11 Thompson-CA)
 2325 1230 VL8T TENNANT CREEK: EE: M ID; into 1cl ABC nx on Labor party victory; then 70's rock mx (232 3/14 Owsley-CA)
 4920 1335 VLM4: EE: 40's C&W mx w/2 M discussion of it (34433 3/6 Newbury-NE)
 17900nf 0322 AUSTRALIAN ARMED FORCES RADIO: EE: Personal messages from families to Aussie troops in Somalia; pops; sports; "wx here in Oz"; @ 0359 into RA in EE (353/354 3/16 Famularo-JPN) [The Aussies are pulling out of Somalia soon, so get this one while you can!]
 RA was logged (in EE unless noted) on: 5995 by Wakefield-IA, ed.; 6020 in TOK PISIN by Fraser-MA, ed.; 9540 in CC by Hankison-KS; 9560 in CC by Newbury-NE; 9580 by Goetsch-PA [Welcome to the column, Mikell!], Newbury-NE; 11800 by Bellovich-FL; 15365 by Johnson-IL; 17715 by Brown-IL, Levison-PA; 17795 by Kyburz-CO, Levison-PA; 21740 by Kyburz-CO.

BAHREIN Radio Bahrain
 9746 1423 (t)RB: AA: Qur'an; faint but a clear channel; given the frq, it should be them (141 3/14 Hankison-KS)

CAMBODIA Voice of the People of Cambodia
 4909.6 1103 (p)VOPC: KHMER: M/W nx; different W long tlk; short mx bit @ 1126 prior to some sort of radio play; beginning to fade around 1125 (353 3/21 D'Angelo-PA)

CHINA China Radio International Central People's Bcst Stn
RCI relay SRI relay
 4200 *1400 CRI: EE: IS; ID; nx; //4130 (333), 7405 (444) (433 4/2 Ashimori-JPN)
 5880 1320 CPBS-1: CC: W hosting px of soft swing mx w/subtle CC melody (44444 3/6 Newbury-NE)
 7110 1049 CRI: RR/CC: CC lesson w/CC M/W & RR W; different RR w tlk; CRI's s/off mx @ 1056; back on *1100 w/"East Is Red" & ID's (242 4/7 ed.)
 9535 1332 RCI: EE: Nx, wx & sports--had ID @ 1333 (211 3/14 Hankison)
 14960h 1310 SRI: EE: Items on gun control in Switzerland & Japanese political scandals; 2x7480; recheck of II px @ 1415 showed only fundamental 7480 (fr 3/15 Famularo-JPN)

[Note that CRI in EE @ 1605 on 15130 is via the Mali relay, so loggings of it should go to Paul Wakefield's column.]

CYPRUS BBC relay Cyprus Bcst Corp
 7140 0405 BBC: AA: BBC IS/ID; into long tlk w/ments Yeltsin (444 3/25 Owsley-CA)
 7205nf 2213 CBC: GR: Nifty guitar IS; @ 2215 M ID; W anmt; then into overacted play; //6180 (242), 9770 (333) (343 4/3 ed.)
 9580 0040 BBC: EE: Pop/rock mx px; ID: px promo; 0100*; NOT //17830 via Hong Kong (pr-fr 3/7 Famularo-JPN)
 17895 1413 BBC: EE/FF: EE ID; into bilingual "History of Soul" px explaining/analyzing Ray Charles song lyrics ("Aha! It's a language lesson!") (fr 3/9 Famularo-JPN)

FRENCH POLYNESIA RFO Tahiti
 11827 0324 RFO: TAHITIAN/FF: Mx; sermon in Tahitian w/choral mx; FF ID/frq info (333 4/4 Brown-IL) @ 0350 w/Island mx; FF ID @ 0359; then M FF tlk (nx?); //15175 (433) (322 3/9 Hart-MN) [Also logged in FF by Lukas-NY & Newbury-NE]

GUAM
11700 1546 KTWR: CC: M long tlc--(p) rlg px; inspirational mx; W w/ID & s/off anmt w/(p) address; 1556*; QRN/QSB (pr 3/14 Clar-NY)

HONG KONG
11820 1430 BBC relay
BBC: EE: Highlights of England v. Sri Lanka cricket match (433 3/13 Hankison-KS)

INDIA
All India Radio
3245 1525 AIR ITANAGAR: HINDI/EE: M Hindi nx; @ 1530 M EE nat'l nx; ID; Ad w/chimes & tel. #; some splatter de Pyongyang-3250 (fr 3/26 Famularo-JPN)
3277 1505 AIR SRINAGAR: EE/HINDI: EE M nx & comment w/tough words abt Pakistan; lcl mx; Hindi nx @ 1516; //3255 Shillong (fr-gd) (pr-fr 3/27 Famularo-JPN)
4940 1732 AIR: EE/HINDI: EE world nx; Hindi ID/nx (fr 3/13 Famularo)
9565 1448 AIR: EE: General Overseas Service ID; "Radio Newsreel"; s/off 1500* (333 3/23 Ashimori-JPN)
10330 1540 AIR: EE: W nx w/stories on Indian parliament; wiped out by RTTY QRM (211 3/4 Owsley-CA)
11620 1750 AIR: EE: W songs w/sitar; @ 1800 M ID/nx (34453 3/6 Newbury-NE) @ 1830 w/Indian mx; mailbag px (322 3/8 Pasquale-PA) @ 1930 w/rpt on Pakistani girls kidnapped & sold into slavery (352 3/10 Fraser-MA)
15075nf 1524 AIR: SWAHILI: Excellent acoustic Afrmx; M ID/nx (gd 3/8 Famularo-JPN)
15110 2315 AIR: EE: W ID; px notes/promos; into selections of Indian classical mx (pr-fr 3/7 Clar-NY)
15185 1824 AIR: AA: M tlc (political?); anmts/ID; sitar mx cuts (fr 3/20 Clar-NY)
17705 1302 AIR: (1)KUOYU: Trad Indian mx; M tlc in CC dialect; //15050 was gd (fr-gd 3/31 Famularo-JPN) [The WRTH, & some AIR skeds I've seen, list Cantonese 1145-1300 & Kuoyu (i.e. Standard CC) 1300-1315; maybe that's backwards??]

INDONESIA
Radio Republik Indonesia
4000 1336 RRI KENDARI: IN: M ancr w/lcl mx (333 3/11 Thompson-CA)
4753.3v 2247 RRI UJUNG PANDANG: IN: Tlc feature until SCI & Jakarta nx @ 2300 (252 3/19 D'Angelo-PA) on 4753.4 @ 1325 w/EZL mx (132 3/14 Hankison-KS) @ 1335 w/lcl pops w/W ancr; muffled voice but mx was fair (34322 3/23 Newbury-NE) @ 1305 w/(p) nx; faded after 1320; //4863, 9680 (333 4/2 Hart-MN)
9614.4 1140 RRI SAMARINDA: IN: Much M/W tlc to SCI @ 1158; RRI ID & Jakarta nx; then px of Hindi-style mx (242 3/20 D'Angelo-PA)
9680 1305 RRI JAKARTA: IN: W nx to 1310; then soft mx w/W singing (333 4/2 Hart-MN) @ 1458 w/SCI--noted while waiting for VOA via Thailand (242 3/12 Robinson-UT)

IRAN
Voice of the Islamic Republic of Iran
9022 0118 VOIRI: EE: NX; ID @ 0121 & into mx (343 3/25 Stine-MD) @ 0052 w/tlc on Russian politics & French elections; ID & review of events in Iran (343 3/30 Bellovich-FL)
11790 0110 VOIRI: EE: Rlg px; discussion of Iranian New Year (gd 3/21 McGuire-MD) [Welcome to the column, William!]

ISRAEL
Kol Israel
7465 2232 KI: EE: Mideast nx...@ 2257 ID & EE frq sked (??? 3/13 Goetsch-PA) @ 2010 w/"Calling All Listeners" incl ment of change to summer time [which took place 4/2] (354 3/14 Fraser-MA) [This frq is gone for the summer.]
9435 0500 KI: EE: Nx of more arrests in World Trade Center bombing (44444 3/6 Newbury-NE) @ 0500 w/lcl political nx (555 3/24 McGuire-MD) @ 0404 [after time change] w/nx (US time change ment); 3 mins gypsy mx filling to 0415 FF nx--which ended 6 mins early! [Slow nx day, I guess!] (444 4/3 ed.)
11603 2256 KI: EE: "A brief feature on underwear manufactured in Israel" (454 3/23 Johnson-IL) [Thanks for sharing that one, Tim!]
15640 1538 KI: FARSI: Tribal-sounding singing w/exotic instruments (real ethnic-sounding stuff); M tlc; //11603 (fr w/ute QRM) & 17575 (fr-gd) (fr-gd 3/25 Famularo-JPN)

JAPAN
Nihon SW Bcst Radio Japan RCI relay
3925 1253 NSB: JJ: 2 M dialogue; //6055 (444 3/12 Robinson-UT) (p) @ 1055 w/easy orchestra mx w/some M anmts; rapidly fading out after 1108; "no sign of reported new PNG station" (444 3/20 D'Angelo-PA) [Which new PNG station, Rich?]
3945 1302 NSB: JJ: M/W alternate tlc (nx?); another M very rapid tlc (443 3/11 Thompson-CA)

JAPAN continued...

- 9535 1741 RJ: EE: Ian McFarland w/piece on an orchid show (54344 3/6 Newbury-NE) [Ian's back in Montréal now.]
11705 2215 RCI: EE: Piece on politicians running for federal seats (333 3/19 Owsley-CA)

JORDAN

Radio Jordan

- 9560 2324 RJ: AA: Mideast-sounding M vcls w/W host; competing w/Radio Veritas Asia (312 3/18 Owsley-CA)
11810 2040 (p)RJ: AA: M Mideast nx--sounded pro-Iraq & pro-Palestinian; abruptly off 2053* (333 3/17 Johnson-IL) @ 1510 w/Mideast mx; phone-in px @ 1513 (423 3/14 Hankison-KS)

KOREA, D.P.R.

Korean Central Bcst System Radio Pyongyang

- 2850 1243 KCBS: KK: W t1k; into march mx (444 3/14 Owsley-CA)
6576 0935 RP: SS: Soft (!) choral mx; W w/song title; M ID & px intro (433 3/30 Wakefield-IA)
11335 1145 RP: EE: ID; EE frq/time sked; s/off w/anthem (44344 3/7 Newbury-NE)

KOREA, REPUBLIC OF

Radio Korea

- 9750 1305 RK: EE: Letterbox px w/question abt NKor. nuclear arsenal; 2-3 other stn QRM (32342 3/7 Newbury-NE)
15575 0142 RK: PP: Long W/M tlks w/mni ments Coréia; very rough copy but lang definitely PP [which isn't listed here in WRTH, but then, nothing's listed in 0130-0215 slot] (241 4/4 ed.)

KUWAIT

Radio Kuwait

- 13620 1858 RK: EE/AA: EE modern mx; then AA songs/mx (322 3/22 Fanderys-OH) @1835 w/world nx (fr 3/22 McGuire-MD) [Almost psychic!] @ 1800 w/much t1k of anniversary of liberation (433 3/8 Pasquale-PA) @ 1800 w/NA; sked; rock mx (34333 3/6 Newbury)
15495nf? 0000 RK: AA: Anmt w/"Huna al-Kuwait"; then typical M AA songs; some QRM/QSB but good past 0115 (343 4/4 ed.)

LEBANON

Wings of Hope

- 11530 1450 WOH: EE: "Despite a very weak signal & very heavy noise, Dr. Scott could be heard" (111 3/14 Hankison-KS) [Like Mrs. Thatcher, that voice cuts through the QRN!] @ 2136 also w/ Dr. Gene Scott (222 3/8 Lukas-NY) [Re the stn being owned by High Adventure Ministries, Hank says "that being in south Lebanon near Israel is High Adventure"; I agree!]

MALAYSIA

Radio Television Malaysia

- 5030 1349 RTM SARAWAK: EE/???: M EE t1k abt environment; TP/ID @ 1400 (333 3/8 Robinson-UT) [Bidayuh is listed here in the WRTH]
7160 1420 (t)RTM SARAWAK: EE: W stock market rpt (323 3/11 Robinson-UT)
7295 1505 RTM KUALA LUMPUR: EE: Nx; ads; pop mx (US oldies); "This is Radio 4 RTM" ID's...frqs/anthem @ 1600* (444 3/24 Ashimori)

MARIANA ISLANDS

KHBI

- 9425 1335 KHBI: EE: Story of Lois of Illinois; "Christian Science Sentinel" ID @ 1343 (312 3/13 Hankison-KS) [Not to be confused with "Lois of Arabia," I presume.]
17555 0211 KHBI: EE: T1k abt feeling spiritual & finding happiness through Christian Science; poor w/severe QSB (25522 3/7 Newbury-NE)

NEW ZEALAND

Radio New Zealand International

- 9510 1308 RNZI: EE: Nat'l R. px on r1g groups' involvement in 3rd World development; @ 1330 RNZI ID & tropical cyclone warning; BBC WS-9515 splash; gone @ 1400 recheck (232 3/29 ed.)
9700 1000 RNZI: EE: ID; nx of PNG situation (343 3/16 Brewer-KS) @ 0815 w/"Songs of Praise" (453 3/8 Lemke-AB) @ 1130 w/part 1 of "Over My Shoulder" (554 3/19 Fraser-MA) @ 1202 w/Nat'l R. nx; RNZI ID; into CC px w/M/W tlks & CC songs; off 1230* after EE frq anmt; also had CC in 1130-1200 slot (343 4/14 ed.) [This was a Wednesday.]
15120 0430 RNZI: EE: Special px of dedications for residents of Norfolk & Pitcairn Islands--heard monthly w/host Pearl Christian! (444 4/9 Seymour-NC)[Welcome back, Woody!] @ 0600 w/"Cook Islands Magazine" (452 3/9 Lemke-AB) @ 0304 w/nx of Oscars; heavy rain warning for the mountains (433 3/29 Brown-IL) @ 0410 w/nx of new NZ law on mandatory breath tests (555 3/25 Owsley-CA) @ 0458 w/ID; Pacific Island nx; march mx (454 3/11 Robinson-UT)
17770 0300 RNZI: EE: Cricket play-by-play (34333 3/6 Newbury-NE) [This frq was dropped soon after this.]

PAKISTANRadio Pakistan

- 4893 1603 RP: EE: W nx; ID; wx; off nominal 4895; slightly distorted audio (fr 3/9 Famularo-JPN)
- 11570 1940 RP: AA?: M chanting; switched to another chanter @ 1953; anmt @ 2000 (444 3/10 Levison-PA) [Harold, it might have AA Qur'an in an Urdu px.]
- 15555 1601 RP: EE: Nx; ID; then slow-speed nx (fr-gd 4/1 Famularo-JPN)
- 21476.2v 0232 RP: EE: M dictation nx; off nominal 21475 & drifting upward as I listened--up to 21476.44 by 0245*--noticed similar situation a few weeks earlier during 0700 Burmese bcst (pr-fr 3/17 Famularo-JPN)

PALAUVoice of Hope

- 9830 1212 VOH: CC: M & W tlk; one song (242 3/26 Stine-MD) @ 1350 w/ M sermon; mx; EE ID @ 1400 (333 3/27 Hankison-KS) @ 1425 in SS/VV w/SS rig tlk; EE ID @ 1430; then VV px--mostly popular Christian mx (433 3/21 Ashimori-JPN) [Also logged by Brown-IL, Newbury-NE]

PAPUA NEW GUINEA

- 3395 2001 R. EASTERN HIGHLANDS: PD: Christian hymn; then M ancr w/ Beatles/Pacific Island/Dire Straits mx; rapid fade-out; "I don't usually hear this one as RRI Tanjungkarang dominates frq during my 'regular' listening hours"(fr 3/13 Famularo)
- 3905 0950 R. NEW IRELAND: PD/EE: Island mx px w/W host to 1000; ID & rig service (sermon/choir) mostly in EE (333 3/21 D'Angelo)

PHILIPPINESRadio Veritas Asia Far East Bcst CorpVOA relay Radyo Filipinas

- 9560 2323 RVA: EE: M/W tlk on political kickbacks in Italy; ID; into VV px @ 2330 (444 3/18 Owsley-CA)
- 11690 *0900 FEBC: EE: IS/ID's; "The Music Room" w/Gregorian chants; nx @ 0930; @ 0940 DX px (3 mins long) (fr-gd 3/20 Famularo)
- 15140 1502 RVA: TAGALOG: S/on; EE ID; "Ito ang Filipino Service ng Radio Veritas Asia"; Bible reading; nx update; ID/IS; 1531* (443 3/26 Ashimori-JPN) @ 1505 w/EE ID; "Daily Encounter" Bible reading; W comment on reading in Tagalog w/some EE sentences thrown in (gd 3/11 Famularo-JPN)
- 15410 1539 VOA: CC: W gold-medalist speaks in EE w/CC overdubbing; // 11740, 11820, 12040 (434 3/7 Brugliera-VT)
- 15450 0000 FEBC: EE: IS/ID; s/on routine w/skcd & px preview; "Good Morning from Manila" magazine show (fr 3/8 Clar-NY)
- 17760 0232 RE: EE: ID; "Voice of Democracy" px w/Pres. Ramos speech; px "Save the Earth"; //17840, 21580 (fr-gd 3/16 Famularo-JPN) [Ralph wonders if these are in AM-compatible SSB, as the audio seems a bit "metallic."]
- 17820 2215 VOA: EE: "VOA Sunday Morning" w/discussion of government spending (34322 3/6 Newbury-NE)
- 21455 *1730 RE: TAGALOG: S/on w/"Ito ang Philippine Broadcasting Service ...Filipino Service ng Radyo Pilipinas"; time/frq in EE; Tagalog nx; //11840 (333) (444 3/20 Ashimori-JPN)
- 21580 0257 RE: EE: "This is R. Pilipinas, the VO the Philippines"; then interview on social security, etc.; //17760 (222), 17840 (232) (333 3/20 Ashimori-JPN)

QATARQatar Broadcasting Service

- 21460nf 1500 QBS: AA: "Idha'atu al-qatar min ad-doha"; W bits of tlk w/ Abba mx bits; @ 1509 another ID & AA vcls; hrd as early as 1420 but RMWS-21465 splash prevented ID (333 4/6 ed.)
- 21525nf 1250 QBS: AA: Soft AA inst mx; @ 1300 5+1 TP; W ID; nx; ID/frq anmt; abruptly off 1305*; heavy QSB (242 4/6 ed.)

SAUDI ARABIABcst Service of the Kingdom of Saudi Arabia

- 9705 2045 BSKSA: EE: M nx & wx; "Radio Riyadh English Service" ID's @ 2050 & 2053 (443 3/20 D'Angelo-PA)

SINGAPORESingapore Bcst Corp BBC relay

- 5051.8 1350 SBC: EE: "Radio 1" ID's; Seventies pop mx; interview; ORM de Guangxi-5050; don't know why they were off nominal 5052 (??? 3/7 Pimblett-AB) [Nice to see you again, Nigel!]
- 9740 1825 BBC: EE: "Newsdesk"; suddenly off 1830* & didn't return (343 3/16 Thompson-CA) [Peggy, Kranji's listed to go off @ 1830*; Cyprus takes over the frq *1830-2030*]

SOLOMON ISLANDSSolomon Islands Bcst Corp

- 9545 0856 SIBC: PD: Mx px; ID @ 0858 (242 3/26 Stine-MD) @ 0730 in PD/EE w/bank & other ads; PD nx (343 3/22 Johnson-IL) @ 0842 w/mix of mx; ID's/ads/TC's (pr-fr 3/19 Clar-NY) @ 1020 1020 in EE w/tlk abt SI's football team (343 3/21 D'Angelo)

SRI LANKA

11800 0046 Sri Lanka Bcst Corp Deutsche Welle relay
SLBC: HINDI: Px of subcontinent mx; EE "SLBC" ID's; M t1k
 (speech/sermon?); more mx (fr-gd 3/31 Clar-NY) @ 0215 w/
 M/W songs w/W host; fading by 0240 (44343 3/13 Newbury-NE)
 17800 *0300 DW: PASHTO: IS w/EE site ID; Pashto ID & nx; then some
free-form bebop jazz ("a bit hit in Afghanistan?") best
LSB mode (pr-fr 3/10 Famularo-JPN)

SYRIA

12085 2010 Radio Damascus
RD: EE: Nx headlines; ID @ 2016 (322 3/23 Fanderys-OH) @
2204 w/nx of Lebanese "suicide squad" operations against
Israel; ID; "Goodnight & 73" (323 3/22 Bellovich-FL)
 [Thanks for the very pleasant surprise, John!!]
 15095 2008 RD: EE: ID; AA mx; anmmts/nx (34443 3/6 Newbury-NE) @ 2117
w/rpt claiming human rights violations in Occupied Terri-
tories (222 3/12 Brown-IL) @ 2206 w/closing nx briefs;
2210* (444 3/23 Johnson-IL)

THAILAND

11785 1058 VOA relay
VOA: CC: EE ID anmt; "Yankee Doodle"; into CC w/(p) nx &
EE lesson; QSB (fr 3/6 Clar-NY) @ 1245 w/CC t1ks; not hrd
as well lately as before (242 3/5 Seymour-NC) [D'Angelo-PA
& Hankison-KS both hrd this to 1400*]

TURKEY

9445 0405 Voice of Turkey
VOT: EE: Nx; ID@0411 (??? 3/18 Goetsch-PA) @ 0410 w/nx &
press review (fr 3/20 McGuire-MD) @ 2348 w/closing ID &
sked; into Mideast mx (444 3/25 Brewer-KS) [Also logged
in EE by Bellovich-FL, Fraser-MA & in TK by Gagozzi-CA.
EE on this frq for NAM now *2200 & *0300 w/DST shift.]
 15325 1535 VOT: TK: W hosting px of Turkish mx--also w/medley of "Here
Comes the Bride" & "Happy Birthday" (243 3/7 Hankison)

UNITED ARAB EMIRATES

9770nf 2203 VO UAE Abu Dhabi UAE Radio Dubai
VOUAE: EE: Qur'an in AA w/EE x1tn; @ 2213 ID/px preview;
"Poets of Arabia"; //11710, 11885nf (343 4/3 ed.)
 11710 2330 VOUAE: EE: Cmty on Israel's "tricky" negotiating (333 3/6
Pasquale-PA) [Also hrd by Brown-IL, Newbury-NE, Owsley-CA]
 11885nf 2332 VOUAE: EE: Press review; ID; px "Islam & Humanity"; muffled
audio (fr-gd 3/23 Clar-NY)
 11945 0335 RD: EE: W nx; px on Arab fables abt Ramadan; 0353* (333
3/20 Bellovich-FL) @ 0329 w/ID/frq anmt; nx; hrd //13675;
ann //15400, 17890 were inaudible (242 4/3 ed.)
 13675 1630 RD: EE: Nx read by Jim McVicar (333 3/24 Fanderys-OH) @
1641 in AA w/M t1k; into AA mx (333 3/13 Levison-PA)

VIETNAM

15010 1615 Voice of Vietnam
VOV: EE: Px of songs by popular V vocalist; ID; 1628* but
back *1630 in RR (fr 3/20 Clar-NY)

CLANDESTINE

6517a 0710 VO THE PEOPLE: KK: Mx; political t1k; //6600--both jammed
heavily by North Korea (422 3/15 Ashimori-JPN)
 15605 1438 (t)VO THE IRAQI PEOPLE: AA: Qur'an to 1504; M ID which ment
"...Iraqi"; NOT //Rep. of Iraq R. on 6560; reception de-
graded by KTW-15610 s/on *1500; nothing on 15605 on 3/16
(fr-gd to pr 3/15 Famularo-JPN)

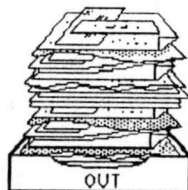
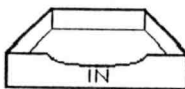
Tsunaaki Ashimori comments on the Korean jamming situation: "You hit it right when you mentioned the Great Leader getting scared, at the end of your April column. Apparently the Kim Dynasty is becoming more and more nervous about its people hearing the truth about their paradise through radio waves. Most Korean language transmissions to the peninsula from the West are now jammed by North Korea, and I am startled to discover only now just how many shortwave transmitters this poor country possesses. Some jammers seem to be too strong and located too close to Radio Pyongyang transmitters; the result is a lot of artificial jammer noise is mixed up and heard behind many Radio Pyongyang transmissions. The March 29 issue of Newsweek carried an interesting report on North Korea." Thanks for your interesting remarks, Tsunaaki-san! The Great Leader celebrated his 81st birthday on 4/15; it remains to be seen how long he can hold onto power, and whether Kim Jong-Il will take over afterwards. If you can catch Radio Pyongyang, it may make for some intriguing listening one of these days.

Back next month, when I'll only have four pages...so if you ate too many chocolate bunnies at Easter, and can't contribute, you'll be forgiven this once.

73-Bill

QSL REPORT

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BROADCAST

Angola A Voz Rest do Galo Negro: 7100 p/d cd (tower/map) 420 ds ms rpt EE v/s Jaime A. Vilasanta (Hankison, Ks.) **Ascension Island BBC:** 15260 f/d ltr (info) 176 ds rpt EE v/s Damean Foster (Pasquale, Pa.); **BBC:** 15390 f/d ltr 45 ds \$1 v/s Andrew Marsden (Washburn, Me.) **Benin ORTB Parakou:** 5025 p/d cd 325 ds \$2 rpt FF (Washburn, Me.) **Botswana VOA:** 15495 f/d cd (map w/ant. beam) 73 ds rpt EE (Humenyk, Ont.); **RB:** 4830 f/d cd 43 ds \$1 rpt EE v/s Ted Makgekenee (Owsley, Ca.) **Cameroon CRTV:** 5010 pfc (stn stamp) 49 ds \$2 rpt FF v/s J. Achanyi (Clar, N.Y.) **Egypt RC:** 9475 f/d cd (statue pix, goodies) 71 ds rpt EE v/s Sahar (Biczak, N.J.) **Equatorial Guinea R Africa 2000:** 6910 f/d cd 66 ds rp rpt SS (D'Angelo, Pa.) **Gabon R France Intl:** 12015 f/d cd (Goetsch, Pa.); **Swiss R Intl:** 12035 f/d cd (museum) 42 ds rpt EE (Humenyk, Ont.); **SRI:** 12035 f/d cd 31 ds (Washburn, Me.) **Madagascar R Netherlands:** 9860 f/d cd (Happy Stn cd) 86 ds rpt EE (Brown, Il.); **RN:** 15150 f/d cd 22 ds rpt EE (Brown, Il.) **Mali R China Intl:** 9770 f/d cd (golden thread/cloth) 55 ds rpt EE (Humenyk, Ont.) **Nigeria VoN:** 7255 f/d cd 250 ds \$1 rpt EE (Bagozzi, Ca.) **St. Helena RSH:** 11092 USB f/d cd (ltr) 130 ds rp rpt EE (Lueck, Wi.); **RSH:** 11092 f/d cd 150 ds rp rpt EE v/s Tony Leo (Fisher, Ma.); **RSH:** 11092 f/d cd 137 ds \$1 rpt EE v/s Tony Leo (Pasquale, Pa.); **RSH:** 11092.5 cd 112 ds rp rpt EE v/s Tony Leo (Brown, Il.); **RSH:** 11092.5 f/d cd 150 ds rp rpt EE v/s Tony Leo (Thompson, Ca.); **RSH:** 11092.5 f/d cd 150 ds rp v/s Tony Leo (Wolfson, Oh.); **RSH:** 11092.5 f/d cd 150 ds \$1 rpt EE (Hart, Mn.); **RSH:** 11092.5 f/d cd 135 ds rp rpt EE v/s Tony Leo (D'Angelo, Pa.); **RSH:** 11092.5 f/d cd 90 ds rp rpt EE v/s Tony Leo (D'Angelo, Pa.); **RSH:** 11092 f/d cd 140 ds rp rpt EE v/s Tony Leo (Murray, Or.); **RSH:** 11092.5 f/d cd 163 ds \$1 rpt EE v/s Tony Leo (Washburn, Me.) **Seychelles BBC:** 15420 f/d ltr (sked) 30 ds \$1 rpt EE v/s Peter Lee (Lueck, Wi.) **South Africa R Orion:** 4810 f/d ltr (sked) 30 ds \$1 v/s Kathy Otto (Wallace, Ma.); **Channel Africa:** 15430 f/d cd 65 ds rpt EE (Brown, Il.); **CA:** 15420 f/d cd 31 ds rpt EE (Brown, Il.) **Sudan SNBC:** 7200 p/d ltr pfc (sked) \$1 rpt EE v/s El Fatih El Sumoal (Clar, N.Y.); **R Ondurman:** 7200 p/d ltr (note, sked) 90 ds \$1 v/s Mohammed Elfatih El Sumoal (Wallace, Ma.); **RO:** 7200 f/d ltr (sked) 105 ds \$1 rpt EE v/s Mohammed El Fatih El Sumoal (Pasquale, Pa.)

Australia VLBT: 2325, 2310 f/d cd (maps) 105 ds ms \$1 (Wallace, Ma.); **RA:** 9645 f/d ltr 42 ds rpt EE (Westenhaver, PQ.) **Bahrain RB:** 9746 p/d cd (map) 30 ds \$1 rp rpt EE (Fisher, Ma.) **China Swiss R Intl:** f/d cd (castle) \$1 (Goetsch, Pa.); **V of Jinting:** 4875 p/d cd (Taihu lake) 30 ds ms (Wallace, Ma.); **VoJ:** 4875 f/d cd (lion grove) 30 ds rpt EE/CC (Humenyk, Ont.); **R Canada Intl:** 6150 f/d cd 24 ds rpt EE v/s Bill Westenhaver (Murray, Or.) **French Polynesia R Tahiti:** 11827 p/d cd (conch blower) 30 ds \$1 Red Sox patch v/s Leon Siqun (Wallace, Ma.) **Guam KSDA:** 15610 f/d cd (logo) 25 ds \$1 ms rpt EE (Stine, Md.); **KTWR:** 15610 f/d cd 23 ds ms rpt EE v/s Beth Chick (Brown, Il.) **Hong Kong BBC:** 11820 f/d ltr 18 ds \$1 rp (Washburn, Me.); **BBC:** 7180 f/d ltr 21 ds \$1 (Wallace, Ma.) **Iceland Rikisutva-rpid:** 15770 f/d cd (land/mt) 35 ds \$1 1 IRC rpt EE (Stine, Md.) **India AIR:** 11620 f/d cd (temple dancer) 112 ds rpt EE (Biczak, N.J.); **AIR:** 11620 f/d cd (Red Fort, sked) 42 ds ms rpt EE (Robinson, Tn.) **Indonesia Vol:** 9675 p/d cd (painted mask, sked) 60 ds \$1 rpt EE (Wallace, Ma.); **RII Ambon:** 4863.8 f/d cd 123 ds rp rpt Indonesian v/s Seksi Siaran Kepala (D'Angelo, Pa.) **Israel ICI:** 11605 f/d cd (logo) 23 ds 1 IRC rpt EE (Bishop, Oh.) **Japan RJ:** cd (chopsticks w/flowers) rpt EE (Humenyk, Ont.) **Korea, Republic of R Canada Intl:** 6150 f/d cd (50th anniversary) 34 ds rpt EE v/s Bill Westenhaver (Robinson, Ut.); **KK:** 9650 n/d cd (bird pix) 55 ds rpt EE (Biczak, N.J.) **Kuwait RK:** 13620 no cd (calendar stickers sked) 130 ds rpt EE (Pasquale, Pa.) **Lebanon Wings of Hope:** 11530 f/d cd 10 ds rp rpt EE v/s David E. Laufer (Brown, Ok.) (Welcome to the column John-MW) **New Zealand RNZI:** 9700 p/d cd ("Greetings from NZ") \$1 (Goetsch, Pa.) (welcome to the column, Mikheil-MW); **RNZI:** 9700 f/d cd (island bays, tourist info) rpt EE (Bickus, Va.)

Northern Marianas Islands KHBI: 9530 f/d cd (antennas) 40 ds rpt EE (Humenyk, Ont.) **Oman R Sultanate of Oman:** 17735 f/d cd (staff) 35 ds \$1 3 IRCs rpt EE (Stine, Md.) **Palau KHBN:** 9830 f/d cd (tx map) 46 ds 2 ms (Fanderys, Oh.); **KHBN:** 9830 f/d cd 20 ds rp rpt EE v/s David E. Laufer (Brown, Me.) **Papua New Guinea R Manus:** 3315 f/d cd 29 ds 2 ms rpt EE v/s Moses Ngihal (Robinson, Tn.); **R Western Highlands:** 3375 f/d cd 32 ds \$1 rpt EE v/s Espo Ekele (Owsley, Ca.) **Philippines FEBC:** 11995 f/d cd 75 ds rp rpt EE v/s Martin Lind (Brown, Il.) **Solomon Islands SIBC:** 5020 f/d cd (logo) 362 ds \$1 rpt EE (Clar, N.Y.); **SIBC:** 5020 f/d cd 190 ds

rp rpt EE (Brown, Il.) **Taiwan Central B/C Sys:** 6180 f/d cd (certificate, sked, stickers, info) 75 ds (Wallace, Ma.) **Turkey Turkish Police R:** 7370 f/d cd (info) 30 ds \$1 (Wallace, Ma.); **VoT:** 9445 f/d cd (ornate box) 94 ds rpt EE (Biczak, N.J.)

Russia RM: 21480 f/d cd (night view of Kremlin) 93 ds rpt EE (Bickus, Va.); **RM:** 12015 f/d cd 23 ds rp rpt EE (Brown, Ok.); **RM:** 12065 f/d cd 23 ds rp rpt EE (Brown, Ok.) **Ukraine RUI:** 7195 f/d cd (1647 man's portrait, sked) 23 ds rpt EE (Robinson, Tn.); **RUI:** 9685 f/d cd (painting, sked, holiday cd) 146 ds \$1 rpt EE (Biczak, N.J.); **RUI:** 13645 f/d cd 52 ds \$1 rpt EE (Owsley, Ca.); **R Aum Shinrikyo:** 9785 f/d cd 21 ds (Washburn, Me.)

Austria RAI: 9875 f/d cd (Harvest Thanksgiving, calendar) (Goetsch, Pa.); **RAI:** 9875 f/d cd (art work) 64 ds rpt EE (Bishop, Oh.); **RAI:** 13730 f/d cd (masked imps) 46 ds rpt EE (Bishop, Oh.); **RAI:** 9870 f/d ltr (mased imps) 34 ds rpt EE (Huemyk, Ont.) **Belgium R Vlaanderen:** 9930 f/d cd (Manneken Pis) (Goetsch, Pa.) **Bulgaria R Sofia:** 9850 f/d cd (mansion) 225 ds rpt EE (Robinson, Ut.) **Cyprus CBC:** 7125 f/d cd (stn/map) 22 ds \$1 3 IRCs rpt EE (Stine, Md.) **Czechoslovakia RC:** 7345 f/d cd (lynx) (Goetsch, Pa.); **RC:** 5930 f/d cd (Asiotus) (Goetsch, Pa.); **RC:** 9810 f/d cd (Goetsch, Pa.); **R Prague:** 5930 f/d cd (flowers) 30 ds \$1 (Wallace, Ma.); **RP:** 7345 f/d cd 26 rpt EE (Bagozzi, Ca.) **Germany Sudwestfunk:** 7265 p/d cd (sun-set/logo) v/s Prof. Dr. Krank (Goetsch, Pa.); **Bayerischer Rundfunk:** 6085 f/d cd 34 ds rpt EE (Washburn, Me.) **Greece VOA:** 9700 cd 92 ds (1 f/up) rpt EE (Robinson, Ut.); **VOA:** 11960 f/d cd (Bethany cd) 21 ds v/s John Vodenik (Washburn, Me.); **V of Greece:** 9420 f/d cd (Santorini Island, sked) 123 ds rpt EE (Pasquale, Pa.); **VoG:** 9395, 9420, 11645 f/d cd (Santorini Island, Aegean Sea) 50 ds rpt EE (Humenyk, Ont.) **Hungary RB:** 9835 f/d cd (logo) (Goetsch, Pa.); **RB:** 9835 f/d cd (Dunakanyar) 23 ds 2 ms rpt EE (Robinson, Tn.); **R France Intl:** 15460 f/d cd ("Quays of the Seine") 30 ds (Wallace, Ma.); **RB:** 9835 f/d cd (Budapest, sked) 22 ds rpt EE (Pasquale, Pa.) **Italy RAI:** 9575 p/d cd (Turin street) 85 ds rpt EE (Bickus, Va.); **AWR:** 7210 f/d cd (tx/studio, note, pen) 30 ds \$1 v/s Suzanne Hoschele (Wallace, Ma.); **R Italia:** 7140 f/d cd (map, sticker) 30 ds ms (Wallace, Ma.); **UN R (via IRRS):** 7125 f/d cd 62 ds rpt EE (Humenyk, Ont.) **Malta V of Mediterranean:** 9765 f/d cd (cathedral) \$1 (Goetsch, Pa.) **Monaco TWR:** 9480 f/d cd (globe, sked) 12 ds (Fanderys, Oh.) **Netherlands RN:** 6020 f/d cd (floral) (Goetsch, Pa.); **RN:** 6020 f/d cd (flowers) 18 ds 2 IRCs rpt EE (Stine, Md.) **Norway RNI:** 9565 p/d cd (Harald Kolstad/drinking vessels) v/s Kristan Ruid Salom (Goetsch, Pa.) **Portugal RFE:** 11770 f/d cd (tx) 17 ds rpt EE (Huemyk, Ont.); **VOA:** 9760, 17865 f/d cd (swamp, cd shop) 73-79 ds rpt EE (Humenyk, Ont.); **R Canada Intl:** 21455 f/d cd 10 min rpt EE v/s Bill Westenhaver (Westenhaver, P.Q.) **Romania RRI:** 5990 f/d cd (folk costume) v/s F. Salvion (Goetsch, Pa.); **RRI:** 6155, 9690 p/d cd (folk costume) 79-84 ds rpt EE (Humenyk, Ont.) **Slovakia Slovak R:** 5930 f/d cd (Bratlaslavia bldg) 13 ds 3 rp rpt EE (Hankison, Ks.) **Spain REE:** 9530 f/d cd (Sevilla Exposicion Universal, sked) 215 ds \$1 rp rpt EE (Bishop, Oh.) **Sweden RSI:** 9695 f/d cd (Stockholm) (Goetsch, Pa.); **RSI:** 9695 f/d cd (Stockholm) 45 ds rpt EE (Bickus, Va.) **Switzerland China R Intl:** 3985 f/d cd (silk figurine, pennant, note) 21 ds (Wallace, Ma.); **SRI:** 13635 f/d cd (church) 23 ds rpt EE (Humenyk, Ont.); **SRI:** 21820 f/d cd 14 ds rpt EE (Brown, Il.); **Red Cross B/C Svc:** 13635 f/d cd 39 ds \$1 (Washburn, Me.) **Vatican VR:** 6095 f/d cd (ant) 83 ds \$1 rpt EE (Biczak, N.J.); **VR:** 17730 f/d cd 168 ds rpt EE (Brown, Il.) **Yugoslavia RY:** 9580 f/d cd (Danube Fest) (Goetsch, Pa.); **RY:** 17740 f/d cd (Danube Fest) 30 ds rpt EE (Humenyk, Ont.); **RY:** 11870 f/d cd 180 ds \$1 rpt EE (Owsley, Ca.) **Antigua BBC:** 5975 f/d sheet v/s Roy Runt (Goetsch, Pa.) **Argentina RAE:** 11710 f/d cd (blue/white cd, ltr, sked) 146 ds rpt EE v/s Marcela G. h. Campos (Bickus, Va.); **RAE:** 11710 f/d cd (ltr, sked, sked) 201 ds rpt EE v/s Tony Middleton (Pasquale, Pa.) **Bolivia R San Miguel:** 4925 n/d ltr 34 ds rp rpt EE v/s Felix A. Rada O. (D'Angelo, Pa.) **Brazil R Cancao Nova:** 9675 p/d cd 46 ds rpt PP (Humenyk, Ont.) **Canada CFRX:** 6070 f/d cd (logo/map) rp v/s Stephen Canney ODXA (Goetsch, Pa.); **CFXC:** 6005 p/d cd (logo/bldg) ms (Goetsch, Pa.); **R Japan:** 5960 f/d cd (kites) v/s K. Hishikawa (Goetsch, Pa.); **China R Intl:** 11840 f/d cd (horse cutout, note) 30 ds (Wallace, Ma.); **CFXC:** f/d cd (ltr) rpt EE (Pasquale, Pa.); **RCI:** 15325 f/d cd 26 ds v/s Bill Westenhaver (Washburn, Me.) **Costa Rica RFPI:** 7375 f/d cd (logo, stn pix) \$1 v/s James Latham (Goetsch, Pa.); **AWR:** 9725 f/d cd (eclipse) \$1 (Goetsch, Pa.) **Ecuador HCJB:** 17890 f/d cd (girl) 81 ds rpt EE v/s Glen Volkhardt (Robinson, Ut.); **HCJB:** 3220 f/d cd (girl) 92 ds rpt EE v/s Glen Volkhardt (Robinson, Ut.); **HCJB:** 9745 f/d cd (stn visitors) \$1 (Goetsch, Pa.); **HCJB:** 9475 f/d cd (Agoyan Falls) 30 ds rpt EE v/s Glen Volkhardt (Bickus, Va.); **HCJB:** 15155 f/d cd (Woirani girl, book) 107 ds rp rpt EE v/s Glen Volkhardt (Bishop, Oh.); **HCJB:** 21455 f/d cd (girls on HCJB tour) 44 ds rp rpt EE v/s Glen Volkhardt (Bishop, Oh.); **HCJB:** 9745 f/d cd 14 ds rpt EE (Brown, Il.); **Faro del Caribe:** 5055 f/d cd 14 ds rpt EE v/s Juan Ochoa (Brown, Il.) **Guiana R Japan:** 15325 f/d cd 46 ds rp rpt EE v/s K. Hishikawa (Brown, Ok.) **Guatemala R Buenas Nuevas:** 4800 p/d cd 29 ds \$1 rpt SS v/s Israel Rodas Merida Gerente (Washburn, Me.) **Honduras La Voz Evangelia:** 4820 f/d cd (logo) 25 ds \$1 3 IRCs rpt EE (Stine, Md.); **La Voz de la**

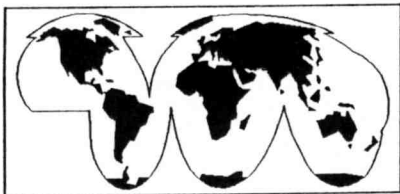
Mosquitia: 4910 n/d 1tr 11 ds ms v/s Sammy Simpson (Washburn, Me.) **Netherlands Antilles TWR:** 9535, 11930 f/d cd (1tr) v/s Sally Rork (Goetsch, Pa.) **Peru R Ancash:** 4990 pfc 120 ds \$1 rpt SS (Clar, N.Y.); **R Satelite:** 6734 p/d cd 240 ds \$1 rpt SS v/s Adino Llamo Chavez (Owsley, Ca.) **US WMLK:** 9465 f/d 1tr 55 ds \$1 rpt rpt EE v/s Elder Jacob O. Meyer (Robinson, Ut.); **VOA:** 7405 f/d cd (Bethany cd) v/s John Vodenik (Goetsch, Pa.); **WINB:** 15295 f/d cd v/s John Norris (Goetsch, Pa.); **WJCR:** 7465 f/d cd (globe) v/s Gerri Powell (Goetsch, Pa.); **WYFR:** 5950, 11830 f/d cd (staff/logo) (Goetsch, Pa.); **WHRI:** 9465 f/d cd (logo) v/s James Holycross; **WRNO:** 15420 f/d cd (Worldwide DX Club) rp (Goetsch, Pa.); **WMLK:** 9465 f/d 1tr v/s Elder Jacob O. Meyer (Goetsch, Pa.); **KVOH:** 17775 f/d cd (V of Hope Network) v/s David E. Laufer (Goetsch, Pa.); **KGEI:** 15280 f/d cd (San Francisco pix) ms v/s Jesus C. Elizondo (Goetsch, Pa.); **R Miami Intl (via WHRI):** 7355 f/d cd ms (Goetsch, Pa.); **V of Free China (via WYFR):** 5950 f/d cd (orphans art) (Goetsch, Pa.); **American Disident Voices (via WRNO):** 7355 f/d cd (Kevin Alfred Sloan, book, catalog) v/s Kevin Alfred Sloan (Goetsch, Pa.); **R Miami Intl (via WRNO):** f/d cd ms v/s Jeff White (Goetsch, Pa.); **KTBN:** 15590 f/d cd (ant) 120 ds (f/up) ms (Goetsch, Pa.); **WEWN:** 9355 pfc (1tr, sked) 42 ds \$1 v/s Wm. Steltmeier (Clar, N.Y.); **WEWN:** 18930 f/d cd (angel/compass, 1tr) 78 ds ms v/s Wm. Steltmeier (Washburn, Me.); **KJES:** 11715 f/d cd 30 ds ms v/s Michael Reuter (Wallace, Ma.); **WEWN:** 7540 f/d cd (trumpet blower) 90 ds \$1 v/s Wm. Steltmeier (Wallace, Ma.); **WEWN:** 5825 f/d cd (angel) 60 ds rpt EE v/s Wm. Steltmeier (Humenyk, Ont.); **VOA:** 19261, 21485 f/d cd (shuttle, Mt. Rushmore) 73 ds rpt EE (Humenyk, Ont.); **WYFR:** 17760 f/d cd (staff/logo) 31 ds rpt EE (Humenyk, Ont.); **WRNO:** 15420 f/d cd 62 ds rpt EE (Brown, Il.); **RMI:** 7395 f/d cd 28 ds rpt EE (Brown, Il.); **WEWN:** 17725 f/d cd 76 ds rpt EE v/s Wm. Steltmeier (D'Angelo, Pa.); **KVOH:** 17775 f/d cd 5 ds rpt EE v/s David E. Laufer (Brown, Ok.)

NON-BROADCAST

La Voz del Cid: 9942 f/d cd (logo) 120 ds \$1 (Goetsch, Pa.)
UK R Caroline: 6295 p/d cd 35 ds \$1 rpt EE (Fisher, Ma.); **Live Wire R:** 7413 f/d cd 30 ds ms v/s Bill Lewis (Wallace, Ma.); **RC:** 6295 p/d cd 45 ds \$1 (Wallace, Ma.); **US R Airplane:** 7416.7 f/d cd 30 ds ms v/s Capt. Eddie (Wallace, Ma.); **WLIS:** 7416.5 f/d cd 60 ds ms (Wallace, Ma.); **R Azteca:** 7417 f/d cd 30 ds ms (Wallace, Ma.); **R BLANDX:** 7417 f/d cd 30 ds ms (Wallace, Ma.); **Tangarine R:** 7419 f/d 1tr 30 ds ms v/s Rick Forester (Wallace, Ma.); **R Poncho Villa:** 7414 f/d cd 14 ds ms (Wallace, Ma.); **Ground Level Network:** 7413 f/d cd 30 ds v/s Just Bob (Wallace, Ma.); **HE Man R:** 7415 USB f/d cd 59 ds \$1 rpt EE v/s He Man (Pasquale, Pa.); **R Bono:** f/d cd 54 ds \$1 rpt EE (Pasquale, Pa.); **Ground Level Network:** 7413 f/d cd 29 ds rp rpt EE v/s Just Bob (D'Angelo, Pa.)
Canada CHU: 7335 cd (Goetsch, Pa.); **St John R (VON):** 2598 pfc 114 ds ms rpt EE (Baker, Oh.); **UL:** 248 pfc 30 ds \$1 v/s Paul Plamondon (Clar, N.Y.); **YY:** 340 pfc 21 ds \$1 (Clar, N.Y.); **YQA:** 272 pfc 14 ds \$1 (Clar, N.Y.); **YZE:** 245 pfc 21 ds \$1 (Clar, N.Y.) **Ecuador HD 210A:** 7600 f/d cd 380 ds ms rpt EE/SS v/s Gonzalo Rueda Mesias (Lueck, Wi.) **New Caledonia FUJ:** 22460 p/d cd 27 ds rp rpt FF v/s Lt. M.J. Trans Huvier (Lueck, Wi.) **South Africa ZSC:** 8719 pfc 22 ds ms rpt EE (Baker, Oh.); **ZSC:** 17018 f/d cd 253 ds \$1 rp v/s Gary Carter (Fanderys, Oh.) **UK HMS Brazen:** 16363 pfc 20 ds ms rpt EE v/s Sub. Lt. M.R. Taylor (Baker, Oh.); **HMS Alacrity:** 16363 pfc 67 ds ms rpt EE v/s John A. Connor (Baker, Oh.); **HMS Herald:** 16363 pfc 112 ds rp rpt EE (Baker, Oh.); **Edinburgh Rescue:** 5680 pfc 19 ds ms rpt EE (Baker, Oh.); **British Airways:** 5536 f/d 1tr 40 ds rpt EE v/s James Johnson (Lueck, Wi.) **US WWV:** 15000 f/d cd v/s John B. Milton (Goetsch, Pa.); **MMVH:** 10000 p/d cd v/s Dean T. Okaynaga (Goetsch, Pa.); **NOAA Discover:** 14441.5 pfc 98 ds rp rpt EE (Baker, Oh.); **USS Estocin:** 14441.5 pfc 15 ds rp rpt EE (Baker, Oh.); **USS Mauna Kea:** 14441.5 pfc 71 ds rp rpt EE (Baker, Oh.); **USCGC Legare:** 12242 pfc 46 ds rp rpt EE (Baker, Oh.); **USCG New York:** 5696 pfc 9 ds rp rpt EE v/s James Schweikhardt (Baker, Oh.); **USCG Stn Clearwater:** 5696 p/d cd 10 ds rp rpt EE (Baker, Oh.); **USS Powhatan:** 8719 pfc 21 ds rp rpt EE v/s C. Richardson (Baker, Oh.); **USS Drummond:** 12242 pfc 9 ds rp rpt EE v/s J.A. Swiney (Baker, Oh.); **USCGC Planetree:** 8240 pfc 91 ds rp rpt EE (Baker, Oh.); **Honolulu VOLMET:** 8888 pfc 120 ds rp rpt EE v/s Francis G. Judd (Baker, Oh.); **USCGC Diligence:** 2670 pfc 30 ds SASE v/s Jason L. Menapace (Clar, N.Y.); **USS Constellation:** 4835 pfc 45 ds SASE (Clar, N.Y.); **RYS:** 419 pfc 21 ds SASE v/s Stuart L. McMabb (Clar, N.Y.); **TII:** 269 pfc 14 ds SASE v/s Bradley W. Newman (Clar, N.Y.); **BRA:** 379 pfc 14 ds SASE (Clar, N.Y.); **USS Spruance:** 14477 pfc 60 ds SASE v/s J.R. Stewart (Clar, N.Y.); **HYX:** 385 pfc 7 ds SASE (Clar, N.Y.); **BF:** 224 pfc 30 ds SASE (Clar, N.Y.); **WFLA:** 25780 p/d cd 11 ds v/s Wilson Welch (Washburn, Me.); **MMVH:** 10000 f/d cd 19 ds rpt EE v/s Dean T. Okayama (Stine, Md.)

Sorry about cramming everything in again this month. I was cursed with too much GREAT material. This is my last QSL REPORT. See you next month as JTE editor. Please give me the same really incredible support, I'll need it. CU30.

Mike



UTILITIES

Mike Wolfson
1842 Affin Avenue
Ashland, OH 44803

Hello and welcome to the latest incarnation of SPEEDX's utility column. In case you haven't been around before, I used to edit the QSL REPORT. Because of past indiscretions, I've been asked to take over this column. I'll state flat out that I DO NOT have a technical background and am unable to converse coherently on the technical details of RTTY retransmission/reception or decoding the more esoteric modes. Personally, I use an MRD 535, a Kenwood R5000, an M1000 and a 386/16 compatible. At least to start, I plan on setting up the column as I would prefer to see it from a reader's point of view (as in this is how I would want it if I was reading it). If anyone has any comments or suggestions, PLEASE LET ME KNOW !!!!!

I plan on stressing loggings, frequency lists (for all modes/types of broadcasts) and station information. I would also like to include some equipment reviews/announcements and book reviews as well. Short pieces (1 page or so), written by members would also be welcome; contact me for submission details. I plan on letting the column evolve to meet the needs and desires of you the reader. In other words, if you don't see it and want it let me know.

One last point **PLEASE** make your loggings legible. If I can't read it I won't be able to include it. The more clearly something is written the easier it will be to understand and the accurate it will be. Thanks for the help and for all future contributions.

AERO

- 3413 Honolulu Aero Radio ICAO HF Network US 1312 3/11 USB good (Man working Northwest 92 in EE, primary frequency 5574/secondary frequency 13413 (?)) (Thompson, Ca.)
- 4397 **Many Callsigns Used:** USAF US 2308 3/20 USB excellent (wargames, mention of airborne command post intercommunications, refueling activities) (Thompson, Ca.)
- 5520 New York Aero Radio ICAO HF Network US 0317 3/19 USB (Caribbean Route B working USN LF163) (Lukas, N.Y.)
- 13457 **KCP63:** FAA Network US 1914 3/1 LSB (KCP63 working KJK79 w/phone patch test) (Lukas, N.Y.); **KLM43:** FAA Network Battle Creek Mi. US 3/1 2045 LSB (Lukas, N.Y.)

MARINE

- 4369 **WLO:** Mobile Radio US 0240 3/3 USB (coast channel 405 working M/V Ocean Nugget) (Lukas, N.Y.)
- 6510 **SP031:** Szezin Radio Poland 0235 3/19 USB (coast channel 604 ID w/traffic list) (Lukas, N.Y.)
- 8984 **NRN:** USCG COMMSTA Portsmouth Virginia US 2142 3/15 USB (USCG SAR of USN F-14 off Cape Hatteras, 2 airmen lost, RESCUE 1501 (HC130) working 5th District RCC) (Lukas, N.Y.)
- 16921 **CLS:** Flota Cubana de Pesca Cuba 1916 3/17 CW (ID, VVV, DE CLS) (Lukas, N.Y.)
- 16948 **VCS:** Halifax C/G Radio Canada 2029 3/17 CW (ID, VVV (repeat), DE VCS) (Lukas, N.Y.)
- 17038 **WNU55:** Slidell Radio Louisiana US 1800 3/25 CW excellent (discussion of cargo, ship location, CW marker) (Thompson, Ca.)
- 17117.6 **WNU45:** Slidell Radio Louisiana US 1808 3/25 CW excellent (how to keep bananas fresh) (Thompson, Ca.)
- 17146.4 **NRV:** USCG COMMSTA Barrigada Guam 1812 3/25 CW poor (CQ CQ CQ DE NRV NRV NRV loop, bad QRN) (Thompson, Ca.)
- 17170.4 **PJC:** Curacao Radio Netherlands Antilles 1518 3/13 CW (ID, message, CQ DE PJC) (Lukas, N.Y.)
- 17380 **WOM:** Pennsuco Florida US 0010 3/14 USB good (man w/marine wx, traffic list) (Thompson, Ca.)
- 22459.6 **XSX:** Keelung Radio Taiwan 0053 3/22 CW poor (CQ CQ CQ DE XSX XSX XSX QSX loop) (Thompson, Ca.)
- 22460.9 **FUJ:** French Navy Noumea New Caledonia 0052 3/22 CW fair (VVV DE FUJ) (Thompson, Ca.)

- 22485 **VHP:** Canberra Radio Australia 2355 3/14 CW good (VVV VVV VVV DE VHP VHP VHP 1, 2, 3, 4, 5 loop) (Thompson, Ca.)
- 22487 **WLO:** Mobile Radio Alabama US 2015 3/14 CW fair (ARA Free Press-Newspaper of the Sea w/maritime news to 2035, into RTTY) (Thompson, Ca.)
- 22573 **WNU36:** Slide1 Radio Louisiana US 2006 3/14 CW fair (CQ CQ CQ DE WNU36 WNU36 WNU36 QX 4 6 8 12 16 22 MHZ OBS?, traffic at 2007) (Thompson, Ca.)
- 22603 **PPR:** Rio Radio Brazil 0059 3/22 CW poor (CQ CQ CQ DE PPR PPR PPR loop) (Thompson, Ca.)
- 22646.5 **JOS:** Nagasaki Radio Japan 0103 3/22 CW fair (CQ CQ CQ DE JOS JOS JOS QX loop) (Thompson, Ca.)
- 22659.5 **JOR:** Nagasaki Radio Japan 0105 3/22 CW fair (CQ CQ CQ DE JOR JOR JOR QX loop) (Thompson, Ca.)
- 22690 **XSG:** Shanghai Radio China 0115 3/22 CW fair (CQ CQ CQ DE XSG XSG XSG QRS loop) (Thompson, Ca.)
- 22690.5 **JOU:** Nagasaki Radio Japan 0107 3/22 CW fair (CQ CQ CQ DE JOU JOU JOU QX loop) (Thompson, Ca.)

PHONE

- 4007 **NNNOVMA, NNNOBSE, NNNOEMV, NNNOWNR, NNNOEQV:** USN MARS US 0400 3/20 USB good (MARS traffic) (Thompson, Ca.)
- 4560 **CZW:** Halifax Military Canada 0407 3/13 USB (CANFORS calling unknown unit) (Lukas, N.Y.)
- 4880 **ULX:** 0102 AM (woman w/ID, 5 phonetic letter groups, messages) (Bellovich, Fl.)
- 5230 **MIW2:** Israeli Diplomatic (Phonetic ID) 0416 3/13 AM (no message, *no message if #2 in preamble, if no number, then message) (Lukas, N.Y.)
- 5820 **????:** 0415 AM (woman w/5 phonetic letter groups, messages) (Bellovich, Fl.)
- 6270 **ULX:** 0435 AM (woman w/phonetic message, 5 letter groups) (Bellovich, Fl.)
- 6840 **EZI:** 0300 AM (woman w/ID, 5 phonetic letter groups) (Bellovich, Fl.)
- 7445 **KPA2:** 0418 AM (woman w/ID, signoff at 0420) (Bellovich, Fl.)
- 8418 **314:** 0303 AM woman w/ID, Spanish call, 4 Spanish number groups) (Bellovich, Fl.)
- 11532 **617:** 0203 AM (woman w/Spanish 5 number groups) (Bellovich, Fl.)
- 13455.8 **United Nations Western Sahara 2110 3/1 USB** (man w/station ID and location, repeat, mention of UN observer team) (Lukas, N.Y.)

RTTY/FAX

- 4583 **DDK2:** Pihhelburg Meteo Germany 2300 2/14 454 400/50 (coded groups of 5, ID, CQ) (Card, R.I.)
- 7429 **TELAM:** Buenos Aries Argentina 0100 2/17 444 850/50 (International news and press releases) (Card, R.I.)
- 10895 **LRB39:** Buenos Aries Saporitf Argentina 0112 2/20 434 850/50 (Domestic news) (Card, R.I.)
- 12906 **GYA:** Whitehall Naval Radio London England 1400 2/20 353 ??? (3 letters 2 numbers, 1 letter) (Card, R.I.)
- 18188 **ZVK7:** Rio Aero Brazil 1800 4/6 454 850/75 (coded text) (Card, R.I.)
- 18230 **GFL25:** Brachnell Meteo UK 1745 4/6 454 400/50 (code groups) (Card, R.I.)

Reid Kelly posted the following information on FidoNet of 4/7. It is a repost of information originally posted by Ken McKenzie on another BBS

SM>I am just starting out with FAX receiving, does anyone out there have a SM>list of FAX freq's of any type . I am primarily looking for SM>those that can be received in Brisbane Australia, but would SM>like to try for any Freq's around the world.

Hi Steve.

These are all center frequency. Depending on the decoder or software you use or the receiver you are using you may have to tune 1.9 khz lower than these frequencies. 8080 would give you a proper printout on 8078.1 or 10865 would be 10863.1 Some are ISB, so you can use USB and LSB.

Let's see, we'll start with your own neighbourhood just incase you don't have those.

All frequencies in KHZ

Not all freq's active at the same time. It depends on what time of day it is at the transmitting station.

Australia: Canberra Meteo = 2628, 5100, 11030, 13920 and 20469; Darwin Meteo = 5755, 7535, 10555, 15615 and 18060

Canada: CF Vancouver = 4268, 6456 and 12753 (where I live); CF Halifax = 4271, 6330, 10536 and 13510

China: Beijing Meteo = 5527, 8122, 10117, 14367, 16025 and 18237

Germany: Hamburg Meteo = 3855, 7880 and 13882.5

Japan: Tokyo Meteo = 3622.5, 7305, 9970, 13597, 18220 and 23522.9

Kenya: Nairobi Meteo = 7464.5, 9045, 12317, 15527, 16317, 17367 and 22869

Korea: Soul Meteo = 5857.5

New Zealand: Auckland Meteo = 5807, 9459, 13550 and 16340.1

Reunion: Saint Denis Meteo = 8176 and 16335

Saudi Arabia: Jeddah Meteo = 3560, 5452 and 10296

Senegal: Dakar Meteo = 13669.5 and 19751.5

South Africa: Pretoria Meteo = 4014, 7508, 13538 and 18238

Spain: Madrid Meteo = 3650, 6918.5 and 10250

Thailand: Bangkok Meteo = 7394 and 17519 (freq's vary alot!)

England: Bracknell Meteo = 2618.5, 4610, 4782, 8040, 9203, 11086.5, 14436, 14582.5 and 18261

USA: USCG San Francisco = 4346, 8682, 12730, 17151.2 and 22527; USN Norfolk = 3357, 8080, 10865, 16410 and 20015; Honolulu Meteo = 9982.5, 11090, 16135 and 23331.5 (try 00:01, 6:01, 12:01 and 18:01 UTC for FULL DISK of earth satellite photo)

That should keep you busy for awhile!! Let me know what you hear Steve.

Ken

(Repaired and repost of Jim Jowski hf fax freqs by Reid Kelly 11-4-92)

kHz	LOCATION	CALL SIGN	TIMES
53	MOSCOW 2, U.S.S.R.		CONTINUOUS
111	PRAGUE, CZECHOSLOVAKIA	OLT21	CONTINUOUS
117	OFFENBACH 2, F.G.R.	DCF37	CONTINUOUS
122	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
134	OFFENBACH 1, F.G.R.	DCF54	CONTINUOUS
227	TIKSI BUKHTA, U.S.S.R.		VARIOUS
2122	PEARL HARBOR, HAWAII	NPM	0600-1600
2195	ROGERS CITY, MICHIGAN	WLC	0130-0430E
2618	BRACKNELL 2, ENGLAND	CFE25	1800-0600
2628	MELBOURNE, AUSTRALIA	AXM31	CONTINUOUS
2813	NORTHWOOD 1, ENGLAND	GYA1	1630-0730
2815	MOSCOW 1, U.S.S.R.		1530-0510
3242	BOSTON, MASS.	NMF	0530-0615
3251	IQUALUIT, N.W.T. CANADA	VFF	JUL 1-OCT 15
3251	FT. DE FRANCE, MARTINIQUE	FFP	VARIOUS
3280	TASHKENT 2, U.S.S.R.		CONTINUOUS
3289	BRACKNELL 1, ENGLAND	CFA21	CONTINUOUS
3357	NORFORK, VIRGINIA	NAM	CONTINUOUS
3365	TOKYO 2, JAPAN	JMJ	VARIOUS
3377	ANKARA, TURKEY	YMA20	1600-0540
3377	GUAM 2, M.I.	NPN	1000-2129
3436	NORTHWOOD 1, ENGLAND	GZZ6	VARIOUS
3560	JEDDAH, SAUDI ARABIA	HZN	0000-2400

3622	TOKYO 1, JAPAN	JMH	VARIOUS
3675	NOVOSIBIRSK 2, U.S.S.R.		CONTINUOUS
3690	TASHKENT 1, U.S.S.R.		1300-0130
3855	OFFENBACH (MAIN) F.G.R.	DDH3	0600-2300
3865	ULAN-BATOR, MONGOLIA		VARIOUS
3875	MOSCOW 1, U.S.S.R.		1700-0510
4014	PRETORIA, SOUTH AFRICA	ZR05	CONTINUOUS
4037	NORRKOPING, SWEDEN	SMA4	CONTINUOUS
4055	MURMANSK, U.S.S.R.		CONTINUOUS
4223	LEWES, DELAWARE	KWX	VARIOUS
4228	VALPARAISO, CHILE	CBV	CONTINUOUS
4236	COM. NUNES RIBEIRO, PORT.	CTV4	2000-1100
4247	NORTHWOOD 1, ENGLAND	GZZ2	CONTINUOUS
4268	ESQUIMALT, BRIT. COLUMBIA	CKN	CONTINUOUS
4270	AMDERMA, U.S.S.R.		CONTINUOUS
4271	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
4298	KODIAK, ALASKA	NOJ	VARIOUS
4346	SAN FRANCISCO, CALIF.	NMC	NIGHT
4365	TASHKENT 1, U.S.S.R.		CONTINUOUS
4445	NOVOSIBIRSK 1, U.S.S.R.		CONTINUOUS
4475	NOVOSIBIRSK 2, U.S.S.R.		1425-0245
4516	KHABAROVSK, U.S.S.R.		CONTINUOUS
4526	CAIRO 1, EGYPT	SUU36	CONTINUOUS
4610	BRACKNELL 1, ENGLAND	CFA22	1800-0600
4704	ROTA, SPAIN	AOK	1800-0600
4766	SANTIAGO, CHILE	CCS	CONTINUOUS
4777	ROME, ITALY	IMB51	CONTINUOUS
4782	BRACKNELL 2, ENGLAND	CFE21	CONTINUOUS
4855	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
4965	MURMANSK, U.S.S.R.		1900-0600
4965	GUAM 2, M.I.	NPN	CONTINUOUS
4965	GUAM 1, M.I.	NPN	CONTINUOUS
4993	NEW DELHI, INDIA	ATA55	1430-0230
5013	MOBILE, ALABAMA	WLO	CONTINUOUS
5090	TASHKENT 2, U.S.S.R.		CONTINUOUS
5093	SOFIA, BULGARIA	LZJ2	CONTINUOUS
5100	MELBOURNE, AUSTRALIA	AXM32	CONTINUOUS
5150	MOSCOW 2, U.S.S.R.		CONTINUOUS
5185	BUENOS AIRES, ARGENTINA	LRO69	CONTINUOUS
5260	GUAM 2, M.I.	NPN	CONTINUOUS
5260	GUAM 1, M.I.	NPN	CONTINUOUS
5285	TASHKENT 2, U.S.S.R.		CONTINUOUS
5302	CENT. METRO. ANTARTICO	LFB	1530 & 2130
5355	MOSCOW 1, U.S.S.R.		CONTINUOUS
5405	TOKYO 2, JAPAN	JMJ2	VARIOUS
5450	JEDDAH, SAUDI ARABIA	HZN	1800-0500
5525	BEIJING, CHINA	BAF6	VARIOUS
5755	DARWIN, AUSTRALIA	AX132	2300-1100
5765	NOVOSIBIRSK 1, U.S.S.R.		CONTINUOUS
5785	ROTA, SPAIN	AOK	CONTINUOUS
5800	BELGRADE, YUGOSLAVIA	YZZ1	VARIOUS
5807	WELLINGTON, NEW ZEALAND	ZKLF	CONTINUOUS
5850	COPENHAGEN, DENMARK	OXT	VARIOUS
5890	TASHKENT 1, U.S.S.R.		CONTINUOUS
5898	ROGERS CITY, MICHIGAN	WLC	1030-2230E
6330	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
6380	AMDERMA, U.S.S.R.		1800-0300
6418	SANTIAGO, CHILE		NIGHT
6436	NORTHWOOD 1, ENGLAND	GYJ3	CONTINUOUS
6466	ESQUIMALT, BRIT. COLUMBIA	CKN	CONTINUOUS
6765	BANGKOK, THAILAND	HSW69	VARIOUS
6785	MOLODEZHNYAYA, ANTARCTICA		1730-1745
6790	ANKARA, TURKEY	YMA20	0540-1600
6901	NORRKOPING, SWEDEN	SMA6	CONTINUOUS
7305	TOKYO 1, JAPAN	JMH2	VARIOUS
7395	BANGKOK, THAILAND	HSW64	VARIOUS
7403	NEW DELHI, INDIA	ATP57	CONTINUOUS
7475	KHABAROVSK, U.S.S.R.		CONTINUOUS
7508	PRETORIA, SOUTH AFRICA	ZR02	CONTINUOUS
7530	BOSTON, MASS.	NMF	1730-1815
7535	DARWIN, AUSTRALIA	AX133	2300-1100
7570	TASHKENT 1, U.S.S.R.		0130-1300

7580	GUAM 2, M.I.	NPN	1400-0059
7670	MOSCOW 2, U.S.S.R.		CONTINUOUS
7708	FT. DE FRANCE, MARTINIQUE	FFP	VARIOUS
7708	IQUALUIT, N.W.T. CANADA	VFF	JUL 1-OCT 15
7750	MOSCOW 1, U.S.S.R.		CONTINUOUS
7880	OFFENBACH (HAIN) F.G.R.	DDH3	CONTINUOUS
8018	HELSINKI, FINLAND	OFA83	VARIOUS
8040	BRACKNELL 1, ENGLAND	CFA23	CONTINUOUS
8077	NORRKOPING, SWEDEN	SMA8	CONTINUOUS
8080	NORFORK, VIRGINIA	NAM	CONTINUOUS
8120	BEIJING, CHINA	BAF36	VARIOUS
8146	ROME, ITALY	IMB55	CONTINUOUS
8176	S DENIS/CHAUDRON, REUNION	HXP	VARIOUS
8334	NORTHWOOD 2, ENGLAND		0200-0700
8454	ATHENS, GREECE	SVG4	VARIOUS
8459	KODIAK, ALASKA	NOJ	VARIOUS
8463	AMDERMA, U.S.S.R.		0300-1800
8494	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
8494	NORTHWOOD 1, ENGLAND	GZZ40	CONTINUOUS
8527	COM. NUNES RIBEIRO, PORT.	CTW8	CONTINUOUS
8594	SANTIAGO, CHILE		CONTINUOUS
8677	VALPARAISO, CHILE		CONTINUOUS
8682	SAN FRANCISCO, CALIF.	NMC	CONTINUOUS
9043	NAIROBI 1, KENYA	5YE1	CONTINUOUS
9060	NOVOSIBIRSK 2, U.S.S.R.		CONTINUOUS
9090	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
9150	TASHKENT 2, U.S.S.R.		CONTINUOUS
9150	ULAN-BATOR, MONGOLIA		VARIOUS
9203	BRACKNELL 2, ENGLAND	CFE22	CONTINUOUS
9220	NOVOSIBIRSK 1, U.S.S.R.		CONTINUOUS
9230	KHABAROVSK, U.S.S.R.		CONTINUOUS
9280	MOLODEZHNAYA, ANTARCTICA		0845-2345
9340	TASHKENT 1, U.S.S.R.		CONTINUOUS
9360	COPENHAGEN, DENMARK	OXT	VARIOUS
9365	CAIRO 2, EGYPT	SUU25	1900-0700
9382	ROTA, SPAIN	AOK	CONTINUOUS
9396	PEARL HARBOR, HAWAII	NPM	CONTINUOUS
9438	TOKYO 2, JAPAN	JMJ3	VARIOUS
9459	WELLINGTON, NEW ZEALAND	ZKLF	CONTINUOUS
9498	GUAM 2, M.I.	NPN	1000-2159
9875	ROTA, SPAIN	AOK	ON REQUEST
9970	TOKYO 1, JAPAN	JMH3	VARIOUS
9982	HONOLULU, HAWAII	KVM70	2335-0112
10105	NEW DELHI, INDIA	ATE60	CONTINUOUS
10115	BEIJING, CHINA	BAF4	VARIOUS
10123	CAIRO 1, EGYPT SUU2		CONTINUOUS
10130	MURMANSK, U.S.S.R.	0600-1900	
10185	ULAN-BATOR, MONGOLIA	VARIOUS	
10225	BRASILIA, BRASIL	PPN9	VARIOUS
10230	MOSCOW 2, U.S.S.R.		CONTINUOUS
10255	GUAM 1, M.I.	NPN	CONTINUOUS
10255	GUAM 2, M.I.	NPN	CONTINUOUS
10294	JEDDAH, SAUDI ARABIA	HZN	0500-1800
10536	HALIFAX, NOVA SCOTIA	CHF	CONTINUOUS
10555	DARWIN, AUSTRALIA	AX134	CONTINUOUS
19860	GUAM 1, M.I.	NPN	CONTINUOUS
19860	GUAM 2, M.I.	NPN	CONTINUOUS
20015	NORFORK, VIRGINIA	NAM	1200-2100
20300	GUAM 2, M.I.	NPN	0100-1359
21837	PEARL HARBOR, HAWAII	NPM	1700-0630
22071	SANTIAGO, CHILE		CONTINUOUS
22324	GUAM 1, M.I.	NPN	CONTINUOUS
22324	GUAM 2, M.I.	NPN	CONTINUOUS
22527	SAN FRANCISCO, CALIF.	NMC	DAY
22826	NAIROBI 2, KENYA	5YE7	CONTINUOUS
22865	GUAM 2, M.I.	NPN	2200-0959
23010	GUAM 2, M.I.	NPN	CONTINUOUS
23331	HONOLULU, HAWAII	KVM70	1755-1929
23522	TOKYO 1, JAPAN	JMH6	VARIOUS

That's it for this month. Please remember to send me your loggings. Have a good one and see you next month.

Mike



UTILITY NOTES

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LAST WINTER STORM PROVIDES DRAMATIC SAR ACTIVITY

SAR Operation Underway for Crew of F-14 Tomcat
VIRGINIA BEACH, VA (NNS) -- Search and rescue operations are continuing for the third day off the coast of North Carolina for the missing two-man aircrew of a Navy F-14 Tomcat. Wreckage from the F-14 was spotted by a search and rescue helicopter at 4:05 p.m. (EST) March 15 in the Atlantic Ocean, 20 miles east of Nags Head, N.C.

The missing aviators are LT William E. Daisley, 27, from Port Allegany, Pa., and LCDR Fred D. Dillingham, 43, of Virginia Beach, Va. Daisley is assigned to Attack Squadron 34 (VA-34) and Dillingham, a radar intercept officer, is assigned to the staff of Fighter Wing One. Daisley, an A-6 pilot and squadron Landing Signal Officer (LSO), was conducting an F-14 familiarization flight as part of his LSO training.

The aircraft, assigned to Fighter Squadron 101 (VF-101), took off from NAS Oceana at 10:15 a.m., March 15 and was on a routine two-hour training flight.

When the F-14 failed to return at its scheduled time of 12:15 p.m., Navy and Coast Guard aircraft started search and rescue operations.

Today (March 17), six Navy and Coast Guard aircraft along with USS Mississippi (CGN 40) and Coast Guard Cutter Aquidneck are on scene searching within an area bounded by Cape Charles, Va., to the north; the Oregon Inlet, S.C., to the south; and 15 miles off the east coast to 120 miles.

Story by COMNAVAIRLANT Public Affairs

This was the only news item I could find relating to one of the most massive SAR (Search and Rescue) cases I've ever heard. In fact, one of two of the most dramatic.

The last major winter storm had just pounding the east coast. Here in Ohio, as in other parts of the country, it was the worst blizzard in ten years or more. So, being stuck in the house, I started checking some of the more popular "storm" frequencies. The first comms I picked up were on 2670 Khz, USCG's schedule marine broadcast and comms with non-Coast Guard vessels channel. At 0013 UTC, the USS Oliver Hazard Perry (FFG-7), NOHP, was in comms with USCG Group Key West, NOK, about a SAR case. The Coast Guard air frequencies (5692, 5696 and 8984 Khz) were steady in air traffic, with no less than 7 CG aircraft giving flight status's to various CommSta's. At 0340 on 6501/6200 Khz (USCG 6 Megs SCN) the Cutter Dependable (WMEC-626), NOWK, was in comms with CommSta Portsmouth, NMN, for an ETA in a tug for a distressed vessel. By 0431 UTC, things were getting much more active with Rescue 1717 (HC-130) in a phone patch to Miami Op's reporting Rescue 1431 was already "hoisting" 2 PIW (Persons in water); Rescue 2122 was investigating a vessel associated with a EPIRB (Electronic Position Indicating Radio Beacon) activation, and he had "many" strobes in the water that could be other life rafts. 1717 requested immediate helo & surface assistance.

At 0444, Air Station (AirSta) Clearwater, NOF, made a rare HF appearance to go direct with 1717 to advise the 6516 (HH-65) from Miami, and the 1493 (HH-3F) from Cape Cod would be en-route. This high volume of air traffic went on till after 0700 UTC.

The next day, the storm was moving north into Canada, so I started plugging in some extra frequencies. At 2350 UTC on 5718 Khz, CanForces SAR, Rescue 102 was report normal flight op's to Halifax Military, CZW. Then at 0305, the 102 aircraft made a phone patch to RCC (Rescue Co-ordination Center). 102 reported that the M/V Gold Bond Conveyor was at a 18 degree port list, and that it was a "dangerous" situation. RCC replied help was being tasked.

At 0355, 102 reported the vessel now at a 23 degree port list. Then just 24 minutes later, at 0419, 102 requested another phone patch to RCC. The pitch of the radio operators voice got my attention. Being a former police dispatcher, I had heard it before. This was confirmed when

102 reported the crew was abandoning ship at this time. Either Halifax or RCC could be heard repeating this to someone in the background. All knew what this meant. Going into the Atlantic Ocean during winter, even in a raft, is a last resort. The time one can be exposed is very little. RCC requested confirmation, 102 advised that their abandoning ship, "they're all going overboard". The vessel had declared a "mayday" after being struck by a large wave. 102 further reported they were unable to tell if the crew made it to lifeboats or not, and that the British M/V Havkong was in the area to assist.

Nine minutes later, 102 reported the "vessel is now completely submerged"; that they had dropped flares to illuminate the area; and that the M/V Havkong was on top of the Gold Bond Conveyors position with lights on and lookouts manned, but neither could see anything.

You could almost feel the sense of helplessness.

Later, CNN showed film of the vessel rolling over, all 35 souls on board were lost.

This sad event led into the next. For all the flurry of activity I had monitored so far, it was nothing compared to what was to come. I started hearing comms at 2113 UTC that night on the USCG air frequency 8984 Khz.

Rescue 1501 was in a phone patch to District 5 RCC reporting that a wing and fuselage had been recovered, and confirmed it was aircraft 101. RCC advised the USS Philippine Sea was close and would be assisting. Shortly after, I found out this was a SAR for the crew of a Navy F-14 that had been overdue, and had crashed some 50 miles off the Virginia coast. Almost every frequency was "grid locked" with comms.

The search went on for 3 days, and involved dozens of USCG, USAF, and USN aircraft. The HMCS Halifax, USS Philippine Sea, USS Shreveport, and USS Mississippi were naval ships involved. The Coast Guard had at least the USCGC Point Arena (WPB-82346), NJXT, and USCGC Aquidneck (WPB-1309), NBTC.

Several Coast Guard HC-130's were rotated as on scene commanders, then the Shreveport, and finally, the USS Mississippi. One HC-130 reported "many helicopters in area" and that on scene air control was being run by Gray Hawk 012, a USN E2C. On another handoff to an arriving HC-130, the departing aircraft warned "many planes, many ships in area, lot's of F-14's buzzing around". In fact, the USN safety of air frequency, 8972 Khz, was almost constant air traffic, as were the USCG air frequencies.

Another HC-130 was directed by RCC to climb to 2000' and start a flare search. The pilot stated he could not climb above 1500' "due to traffic overhead", and that the on scene E2C had advised him to stay at 1500' due to F-14's in the area. RCC wanted to know if the F-14's were over flights, as they were not suppose to be in the area. After a pause, the HC-130 pilot reported "if you ask them, they're just flying over, but as they are being controlled by the E2C, I would imagine they're trying to help". He then added "they're a pretty tight bunch". The two crewmen were not found.

The sheer amount of air traffic this SAR generated was such that I've never heard anything like it, being a veteran of many storm season's. To list all the aircraft involved that were logged would take more space than my hard drive has left. But the main frequencies I found were:

2670 USCG, 4426/4134 USCG, 5320 USCG, 5692 USCG,
5696 USCG, 5718 CanForces, 6501/6200 USCG,
8764/8240 USCG, 8972 USN, 8984 USCG, 9006 CanForces,
11201 USCG, 11233 CanForces, 13089/12242 USCG.

To all of these professionals who risked so much and performed countless acts of heroism, my hat's off to them. Although these acts were remotely reported in the press, I and others know what occurred. Many souls were saved, at least 37 were lost. We know all tried the best they could. We know because we're shortwave radio listeners, some of the best informed people in the world.

UNITED KINGDOM COLOR CODED WEATHER CONDITIONS

Have you ever heard the RAF Volmet on 4722 or 11200 and wondered what the colors mean? Well, here they are:

COLOR	BASE OF LOWEST CLOUD LAYER OF 3/8 OR MORE SURFACE VISIBILITY	
BLUE	2500 Ft AGL	8 km (4.3 nm)
WHITE	1500 Ft AGL	5 km (2.7 nm)
GREEN	700 Ft AGL	3.7 km (2 nm)
YELLOW*	300 Ft AGL	1.8 km (1 nm)
AMBER	200 Ft AGL	0.9 km (0.5 nm)
RED	Below 200 Ft AGL	Less than 0.9 km (0.5 nm)
BLACK	Airfield not usable for other reasons than cloud and/or visibility minima. BLACK, when used, will precede weather color code.	

* NOTE: It is common at RN airfields to sub-divide code Yellow as follows:

YELLOW 1	500 Ft AGL	2.5 km (1.4 nm)
YELLOW 2	300 Ft AGL	1.8 km (1 nm)

At RAF airfields under the control of HQ 11 Gp code Yellow is sub-divided as follows:

YELLOW 1	500 Ft AGL	3.7 km (2 nm)
YELLOW 2	300 Ft AGL	1.8 km (1 nm)

This is from a book, "DOD Flight Information Publication (Enroute)" I got through a company in Maine: The name of the company is Aerial Development of New England, P.O. Box 661, Bangor, ME 04402-0661 (207) 945-3961. They offer a list of alike handbooks, which are all the "Real McCoy", either new or surplus is available. Prices are very reasonable, and the service was excellent. They also have a selection of air enroute maps. The info contained in these books is too much to absorb in a few days. There's a LOT of info for UTE's here!

Some other handbooks of value: (they have more...)

Military Training Routes: Shows all IR "Race Track" numbers.

Global Flight Information Handbook: Includes a complete description of the USAF HF System, frequencies for USAF bases.

Canadian Forces Flight Supplement: Lists military and civilian airfields, frequencies, many with callsigns.

There's a LOT more in each book, I've been reading for 2 weeks! They offer quite a lot. So, if you're into monitoring either military or civilian aero frequencies, these books are something you want to check out. Tell 'em SPEEDX sent you!

Membership Corner

Jason E. Berri
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Torrance, CA 90501

I made it! Just when I was about to start working on this month's *Membership Corner*, my computer died (the 486 motherboard I just purchased and installed failed). After a trip to the shop and \$30, I'm back in business again and should be able to crank out the column and get it to Eddie on time. First, here is the updated contributors table.

Name	Sta	Receiver	Cr	YTD	Name	Sta	Receiver	Cr	YTD
Tsunaaki Ashimori	JPN	NRD-535	2	3	David Jones	TN		1	
Robert Babin	MA	NRD-535	12		Stanley Kiselyov	UKR	DX-440	3	
Steven Bagozzi	CA	Drake 2-B	5	23	Phil Kyburz	CO	DX-440	5	12
Richard Baker	OH	IC-R71A	1	3	Harold Langlois	FL		2	12
John Bellovich	FL	ICF-2010	7	35	Richard Lemke	AB	IC-R71A	1	1
Jason Berri	CA	R-2000	3	6	Harold Levison	PA	R-8	5	24
Julianna Bickus	VA	ATS-803A	4	26	William Lueck	WI	SW-7800	1	4
Steve Biczak	NJ	ICF-2010	1	15	Hank Lukas	NY	ICF-2010	7	31
Forrest Bishop	OH	ICF-SW77	2	20	William McGuire	MD		5	5
Arthur Blair	CA		2		Thomas Millard	TX	R-5000		18
Daniel Brame	IL	ATS-808	1	2	John Miller	GA	ICF-2010	1	1
Don Brewer	KS	ICF-2010	5	5	Kevin Murray	OR	R-8	1	12
Edward Brown III	IL	ICF-6800W	2	15	George Neff	FL	RF-2600	1	4
John Brown	OK		1	1	Ed Newbury	NE	R-8	5	21
John Brugliera	VT		2	12	Benton Owsley	CA	NRD-525	6	16
Peter Card	RI	NRD-515	5	13	Dale Park	HI	R-5000		1
John S. Carson Jr.	OK	NRD-525	4		Denis Paaquale	PA		3	13
Ed Cichorek	NJ	R-5000	2		Nigel Pimblett	AB	R-5000	1	2
Jim Clar	NY	R-8	7	25	Betsy Robinson	TN	R-8	6	24
Bob Colyard	NJ	R-2000	5	5	Bruce Robinson	UT	DX-440	1	6
Richard D'Angelo	PA	IC-R71A	5	24	Don Rontanini	FL	FRG-7	8	
Robert Dettling	IL		3	3	Daniel Sampson	WI	ICF-2010	2	
Greg Dome	TX	R-2000	1	23	Mike Schulzinger	OH		4	
Steve Evanchuck	OH	ICF-2010	4		Woody Seymour, Jr.	NC	SPR-4	1	1
Jim Evans	TN	IC-R71A	7		John Sill	MA		1	
Ralph Famularo	JPN	R-5000	3	15	Michael Stine	MD	R-8	3	13
Mike Fanderys	OH	ATS-803A	3	4	Kenji Takeuchi	JPN	R-2000	1	
John Findlater	CA	FRG-7700	6		Fred Theobald	FL		9	
John Fisher	MA	R-2000	1	10	Feggy Thompson	CA	FRG-7	6	14
William Flynn	OR		1	8	Don Thornton	NJ	NRD-525	1	1
Robert Foster	NC	ICF-2010	2		Paul Wakefield	IA	ICF-2010	2	8
Robert Fraser	MA	DX-370	5	25	Andy Wallace	MA	IC-R71A	1	12
Gary W. Froemming	AZ	R-5000	3		Charles Washburn	ME	R-8	1	3
Steve George	MA	R-5000	13		R. C. Watts	KY		1	3
Mikell Goetsch	PA	NRD-535	2	2	Don Weber	OH		1	
Richard Hankison	KS	R-5000	3	11	William Weatenhaver	PQ	ICF-2010	5	18
Mike Harvester	NC	IC-R70	1	10	Steven Willers	SUI	NRD-525	1	6
Gerald Hart	MN	NRD-535	2	20	Alden C. Wires Jr.	GA		2	
Mark Humenyk	ON	D-2935	1	8	Mike Wolfson	OH	R-5000	19	
Tim Johnson	IL	R-5000	6	24					

As promised in my first column, I now present some contribution statistics:

Total number of contribution credits for this month: 155
 Top 3 contributors for this month: Bellovich (7), Lukas (7), Clar (7)
 Total number of contribution credits for the year: 788
 Top 3 contributors this year to date: Bellovich (35), Lukas (31), Bickus (26)

Looking through the membership list, I discovered:

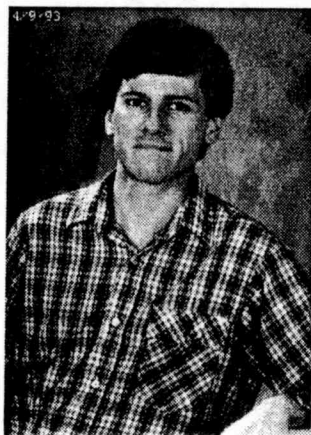
Total number of SPEEDX members: 383
 Top 5 number of members by state: CA (36), NY (26), PA (25), IL (22), NJ (18)
 56 members outside the US including 17 in Canada and 13 in Europe

Looking at the receivers above, I find we have:

Kenwood: 15	Sony: 12
Japan Radio: 8	Drake: 8
Sangean: 7	Icom: 6
Yaesu: 3	

Well, that should keep all of the statistics enthusiasts (like me, hi!) happy. I draw no conclusions, you can do that for yourself, if you want.

If you are like me, you probably sometimes wonder what other members of SPEEDX are like. We usually only see them through their loggings or editorial writings. Sometimes we correspond through letters, talk on the phone, or even meet in person on rare occasions. As some of you may remember, SPEEDX has occasionally had a membership profile column that allows members to write a little about themselves so others can get to know them better. I would like to resurrect that column as an occasional feature of M.C., with the addition of a digitized picture of the person! If you want to be featured in a profile, send me a short article describing yourself, your swl interests, and a photo (which will be returned after I digitize it). To the right is a digitized image of me created with my hand scanner to start things off (I already described myself in the first M.C. column, so I won't bore you with that again, hi).



Now you know what I really look like! The process of integrating the digitized image into the column is somewhat involved, but not too bad - i.e. I generate the file on my PC, upload it via a modem to the VAX computer at work, convert it to postscript, run it through the formatting program along with the column text, then print the resulting postscript file on our 20 page per minute laser printer. It sounds complicated, but it really isn't. Speaking of the computer at work, I neglected to mention in my original introduction about myself that if you have computer access to Fidonet, Delphi, MCI mail, Compuserve, USEnet, or Internet, you can contact me via electronic mail on the Internet using the address berri@aero.org.

Before I go I'd like to thank Chuck Yarbrough for his years of service as Utility World editor and wish Mike Wolfson good luck as he takes over that column. Sorry Eddie, I tried to use up the rest of this page, but I've rambled on long enough, so I won't torture you any more, hi! That's if for this time around - see you next month. -Jason

New Editors

As you have noticed by now, Mike Wolfson has moved over from QSL's to the challenging and colorful world of utilities, where he is in charge of the loggings and is adapting to this with his usual professionalism. Mike has never missed a deadline and is about as maintenance-free as any editor who has been around since I've been publishing this rag.

Also, Mike is especially interested in reviving the "loggings" aspect of the column, so start sending in your contributions today.

Holding down the written end of our utility coverage is a relatively new SPEEDXer, Richard Baker. As you can tell from this month's column, Rick's major interest is in the "tacticals." And after reading that amazing story of the rescue mission off the Carolina coast...I gotta say, this sounds like fascinating stuff.

I have asked Chuck Yarbrough to stay in touch, contributing news of electronic media and products when his schedule permits. I expect that our coverage of the whole field of utilities will be better than ever from here on in.

The new QSL guy is:

Michael Fanderys
5618 Velma Avenue
Parma, OH 44129-1529

Mike has been an active and accomplished QSLer for years, and expressed an interest in the column at a mighty appropriate time. Just for those of you who thought that **SPEEDX** was run by the New Jersey Mafia...it's run by the Cleveland Indians. Welcome to the staff, Mike!

International DXer of the Year

Here are some words from Gabriel Iván Barrera, one of DXing's all-time nice guys.

Dear OMs, through these lines, I want to publicly extend my gratitude to **ANARC**, whose representatives have honored me with the **International DXer of the Year - 1993** award, nomination which I certainly did not expect, but which has naturally filled me with great joy and satisfaction. Through these same lines, I want to convey to all that I shall continue with my task of divulging Latin American DXing news to the world, supporting clubs and organizations with the periodical sending of information on the world of radio in Latin America, be it on a personal basis or through **Onda Corta**, with the accustomed seriousness, and gratefully backed by important South American DXers from Argentina, Bolivia, Colombia, Peru, Venezuela, and Uruguay. Friends, let us continue with our DXing in harmony, earnestly and with much perseverance, so as to inform the world without turning to selfish individuality. Many thanks to you all for your once again proven support.

New Books

We have added two new titles to the **SPEEDX Supermarket**, which has become the most Juche-inspired repository of fine DX literature within the memory of anybody, and available to you for prices which range from nominal to ridiculously cheap.

DX Database: Latin America is a listing of all LAM DX stations which have been reported to **SPEEDX/SRT** in the past two years, basically ending in February but with a few weirdos included from as recently as the very last issue of this fine bulletin. Our thanks to Tim Johnson for what must have been a mind-boggling adventure in number-bashing.

USN MARS Callsigns was put together by new editor Rick Baker, and is eight pages of... well, MARS callsigns. MARS was described in these pages a couple of years ago; briefly, it is where amateur radio meets public service. MARS stations are amateur stations which facilitate (boy, have I been reading too many psych journals or what? Can I use "empowerment" somewhere?) communication between servicemen at sea and their families. It's more DX, and a nice way of learning how to chase down amateur signals.

Earth Day

This comes from a groggy morning listening to Radio Australia's ecoprogram, *One World*, on March 30. A group of ecology-minded people are combatting a recent outburst of ecological mayhem which has invaded South East Asia...golf courses.

Yeah, golf courses. It seems that they are springing up around places like Thailand and Vietnam, and are attracting...you guessed it, those rich Japanese tourists. They show up on golfing

vacations and apparently do all sorts of damage, though unfortunately I forget exactly what kind of damage this is. One of the spokespersons (don't you just love that word?) referred to "artificial nature," i. e., sculpted greens that don't have a lot to do with the natural terrain of the area. With all the genuine human/social/political/ecological problems that permeate Southeast Asia, though, it's interesting to ponder the rationale for picking on golf courses, and whether it has anything to do with genuine environmental concerns. Radio Australia's reporter didn't ask too many questions.

I regret that I wasn't able to fill you in on the details about the conference that the "Global Day of Anti Golf Course Action" group sponsored; it was just days too late for last month's deadline. For the record, it was in Penang on April 29.

But golf bores me to tears, as I hope it does you; so now here's some happy news about a conference of our very own!



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8:00 to 11:30 am
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9:00 am to 12:30 pm
Exhibits Open and
Morning Seminars

12:30 to 3:00 pm
Exhibits Open and Lunch Break

Saturday cont'd
3:00 pm
Exhibits Close

3:00 to 5:15 pm
Afternoon Seminars

7:00 to 9:00 pm
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9:00 pm
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PORTABLES ON PARADE, edited by Don Brewer

Most of the receiver reviews from the popular **SRT** column, plus a few other gems from our pages. Covered are the NRD-525 and NRD-535; the Sony ICF-2010; the Drake R-8; and many portables by Sangean, DAK, and others. 20 pages.
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