

SPEEDX

The Bulletin for the Shortwave Hobbyist



The SPEEDX Board of Directors, 1992-93:

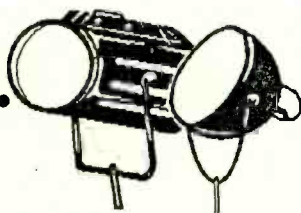
Don Thornton, President
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Ed Cichorek
Ed Janusz
Paul Lannuier

DECEMBER, 1991

Volume 21, Number 12

2. SPEEDX SPOTLIGHTS/DX MONTAGE, John Trautschold
6. PORTABLES ON PARADE, Don Brewer
7. AN AFTERNOON IN KOBE, Ralph Famularo
8. WHAT'S ON, Dantel Sampson
12. DX AND OTHER PROGRAMS: TUESDAY, Bob Colyard
14. WESTERN HEMISPHERE, Don Thornton
19. EUROPE, Bob Colyard
24. USSR, Jason Berri
28. DX MOSCOW, Anatoli Klepov
29. AFRICA, Paul Wakelield
33. ASIA/OCEANIA, Bill Westenhaver
38. QSL REPORT, Mike Wolfson
41. TRASH & TREASURE, Donald J. Weber
42. UTILITY WORLD, Chuck Yarbrough

Spotlight on...



edited by: John Trautschold

354 N. Winston Drive

Palatine, IL 60067-4132 U.S.A.

(using the Atari 1040ST & Stacy 4 computers & SLM605 laser printer....)

TOTAL CONTRIBUTORS FOR DECEMBER 1991: 60

6 BABIN, ROBERT	MA NRD535A	5 JONES, ANTHONY	TN ICF2010
4 BAGOZZI, STEVE	CA FRG8800	8 KARCHESKI, WALTER	MA R5000
6 BELLOVICH, JOHN	FL ICF2010	4 KYBURZ, PHIL	CO DX440
3 BERRI, JASON	CA R2000	4 LANGLOIS, HAROLD	FL
7 BISHOP, FORREST	NY RF4800	1 LEADER, PATRICK	IR D2935
1 BRAME, DANIEL	IL ATS808	4 LEVINSON, HAROLD	PA IC-R70
5 BREWER, DON	KS ICF2010	1 LUECK, WILLIAM	WI SX108
6 BROWN III, EDWARD	IL ICF6800W	3 LUKAS, HANK	NY ICF2010
3 CARD, PETER	RI NRD515	1 MANTEGAZZA, VITTORIO	IT SAT3400
1 CARSON, JOHN	OK NRD525	5 MEINHARDT, WARREN	IL NRD535D
5 CICHOREK, EDWARD	NJ R5000	7 MILLARD, THOMAS	TX R5000
1 COLYARD, ROBERT	NJ R2000	5 NEFF, GEORGE	FL RF2600
1 CRESPO, JUAN FRANCO	SP	1 PENNISI, LOUIS	NJ DX440
5 D'ANGELO, RICHARD	PA IC-R71A	1 QUAGLIERI, AL	NY EC958
5 EVANCHUCK, STEVE	OH ICF2010	2 REESE, ORLA	DE R5000
3 FAMULARO, RALPH	JP ICF6000A	9 ROBINSON, BETSY	TN IC-R71A
0 FINDLATER, JOHN	CA	6 ROBINSON, BRUCE	UT DX440
6 FISHER, JOHN	MA R2000	3 RONTANINI, DON	FL FRG7
5 FLYNN, BILL	OR R2000	1 SAMPSON, DANIEL	WI FRG7700
1 FOSTER, ROBERT	NC	1 SCHULSINGER, MICHAEL	OH R5000
4 FRASER, ROBERT	MA DX350	1 SCOTT, VAL	CA IC-R71A
7 GEORGE, STEVE	MA R5000	4 THOMPSON, PEGGY	CA FRG7
2 GOLD, FRED	NJ	1 THORNTON, DON	NJ NRD525
1 GUNTER, JOHN	NC R2000	3 TRESCHER, FRED	PA ICF2010
4 HANKISON, RICHARD	KS R5000	1 UNDERWOOD, AL	NY FRG8800
4 HARDESTER, MIKE	NC IC-R70A	1 VALENTINE, F.A.	CA IC-R70A
7 HART, GERALD	MN NRD535D	3 WAKEFIELD, PAUL	IA ICF2010
1 HUFFAKER, CARL	MX HOMEBREW	3 WEBER, DONALD	OH R2000
1 HUMENYK, MARK	ON D2935	5 WESTENHAVER, WILLIAM	PQ ICF2010
5 JHONSON, TIM	IL R5000	2 WOLFSON, MIKE	OH R5000

Well...another month has come and gone! Shees! Where the heck does the time go anyway? We've only got one new full member this time around...but heck, he ought to be proud, so a big round of applause for:

NEW FULL MEMBER

DANIEL BRAME.....IL

Thanks for all of your contributions these past few months. And keep up the good work!

And, let us not forget our first time contributors!

FIRST TIME CONTRIBUTORS

JUAN FRANCO CRESPO.....SPAIN
FRED GOLD.....NJ

Nice to have the two of you a part of our SPEEDX family. We hope you enjoy your magazine and look forward to many many more contributions from you both in the future! Thanks!

MISSING COLUMNS AND UPDATES FROM LAST MONTH!

Well, as usual, I'm on a tight deadline again this month and I haven't yet received a few columns. They include: *Western Hemisphere & Asia/Oceania*. And, naturally we're including a few leftovers from last month which include: *USSR, Asia/Oceania & QSL Reports*.

TRI-LINGUAL RECEPTION REPORT FORMS

These forms are free to all contributors to SPEEDX and are written for English, Spanish & French reports. You can request up to three forms for each credit point earned within a three month period. Maximum number of forms per request is 18. If you are an active contributor and would like some of these really neat forms for your own, just send me a #10 SASE with 1 stamp for up to 6 forms, 2 stamps for up to 12 forms or 3 stamps for up to 18 forms. I'll be looking forward to receiving your request! But make sure you've been contributing first!



DX MONTAGE

LETTERS AND QUIDS FROM 'ROUND THE WORLD!

20th ANNIVERSARY - AWR
submitted by Donald J. Weber, Ohio
from *Adventist World Radio*

"The first day of broadcasting was dramatic," reported Allen Steele, AWR Programme Coordinator in 1971. This news report, released on October 1, 1971, reports the birth of Adventist World radio in Sines, Portugal. "The first shortwave transmission by Adventist World Radio was made to Italy at 11:30 GMT."

Little did Allen Steele imagine that today, 20 years later, AWR would be operating from five different locations around the world. The last eight years, though, have been a "boom" to AWR activities. In 1983, AWR began the first broadcasts for Africa from the station Africa N. 1 in Gabon. Further expansion came in 1985 when construction began for a new shortwave for Asia began on the island of Guam, and a new European station was opened in Forli, Italy. AWR-Latin America began operations from Costa Rica in 1986, and AWR-Asia began regular transmissions in 1987. 1990 brought the announcement of plans to build a major shortwave facility near Agenta, Italy, and ASR-Latin America purchased a well-known Costa Rican station, Radio Impacto, in order to improve its broadcasts to Central and south America and the Caribbean.

In 1971 there were three individuals who were key participants in the creation of AWR: Allen Steele, Walter Scragg and Neal Wilson. Dr. Steele, the first employee of AWR, is now General Manager of the largest station, AWR-Asia. Walter Scragg was Associate Secretary and then Secretary of the Radio-TV Department which was responsible for the creation of AWR. Today, after serving a number of years as President of the Adventist church in northern Europe and then in the South Pacific, Scragg has returned to AWR as Director for all AWR operations around the world. Neal Wilson, who was President of the Adventist Church in North America, later became President of the world-wide Seventh-Day Adventist Church and was instrumental in planning the station in Asia and the new station to be built in Italy. Now retired, Wilson continues to serve on the AWR Board.

Much has taken place in the past 20 years, but the goal of AWR has always remained the same: to share the good news of Jesus Christ to all the world. Plans are still being made in order to

improve AWR. The new facilities in Costa Rica should become operational by the end of this year and construction of the new AWR-Europe station should begin in 1992. AWR-Asia plans to install a third transmitter to improve coverage to Asia. And AWR-Africa is looking for a location to establish a new station for better coverage throughout the African continent.

The last 20 years have been busy ones for AWR. But the future promises even more activity, not only working to improve the current shortwave facilities, but also to keep a watchful eye on new technologies. With God's help, AWR will continue to grow and become even more effective in bringing the world a "voice of hope."

DW TO ASIA VIA
SOVIET TRANSMITTERS
submitted by Donald J. Weber
from *Tune In, Deutsche Welle*

Since September 1991 several DW programmes for Asia have also been broadcast via shortwave transmitters in the Soviet Union, which has resulted in a further improvement in reception quality in the Asian target areas. The agreement signed in Cologne in July 1991 between DW and the Soviet telecommunications ministry provides for the initial renting of 19.5 transmission hours a day, using shortwave transmitters with a capacity of between 200 and 1000 kW located at stations in Novosibirsk, Zhigulyovsk and Irkutsk. There are plans to expand this arrangement in the future.

Of DW's 34 language services, the German, English, Indonesian, Chinese, Bengali, Hindi, Urdu, Dari and Persian programmes are now also broadcast via the Soviet transmitters. This provides listeners with a new reception frequency in addition to those already available from Germany and relay stations and enables them to select the best frequency for their location.

THE BOOKLIST

Radio Netherlands has published the 13th Edition of The Booklist, which is now available free of charge to anyone interested. This pamphlet contains a listing of many books available worldwide related to our radio hobby.

The Booklist is broken down into 8 chapters which include the following topics: Listening Guides, Mass Market Periodicals, Books and



Pamphlets for the MW/SWL, Broadcast Related Books for the SWL, Tape Recordings, Amateur Radio, Vintage Wireless, and Specialist Addresses.

The books and pamphlets are listed alphabetically, by title, within their respective sections. There's a short description of the contents of each book, as well as the name of the author, publisher's address and pricing.

If you're always looking for new books related to your favorite hobby, then this publication is a must-have. Although not totally comprehensive, it does list the majority of books currently available.

To obtain your copy, write to Radio Netherlands, P.O. Box 222, 1200 JG Hilversum, The Netherlands. And as always, make sure to tell them that you heard about it from SPEEDX!

(I've got two copies of The Booklist available...if you'd like one, send me a 6 x 9 envelope with 52 cents in stamps or coins along with your name and address. The first two envelopes get the list!)

Radio Netherlands also has a new program schedule. The bulletin contains descriptions of all Radio Netherlands programs, as well as time and frequency schedules. Write to the address noted above for the latest copy.

Additionally, they sent me a copy of a small informational booklet about Radio Netherlands, it's people and it's services. It's very nicely done! You may want your own copy. If so, make sure to request the pamphlet when sending in your reception reports and/or requests for schedules, etc.

HISTORIA DE LA RADIO

SPEEDX member Daniel Camporini of Trans World Radio recently sent the following note to DXM headquarters:

"I'm here again introducing you to Latin American Radio this time with a very interesting booklet named *Historia de la Radio 1920-1940* (Radio History 1920-1940), where you may find, in 18 pages in A4 size, some notes about the origin of radio broadcasting and the history of the first 20 years of broadcasting in Argentina.

"A nice addition to any collection, the price is \$6.00 US or 10 IRC's via Air Mail elsewhere. You can write to:

c/o Daniel Camporini
Trans World Radio
P.O. Box 33
(1653) Villa Ballester, ARGENTINA

"73's and good DXing."

Thanks for that offer Daniel. And naturally, if any other member decides to pick up a copy, please do a review of it for a future DXM column. Thanks!

THE 1992 WORLD CALENDAR

SPEEDXer John Gunter of North Carolina recently sent me some advertising for this calendar. It looks kind of interesting so I thought I'd pass along a few details as well as ordering information.

The calendar includes information on: national, civic and religious holidays of over 100 countries; each weekday, month, holiday and photo caption in six languages - English, French, German, Spanish, Japanese and Arabic; an index to help understand and teach celebration days throughout the world; international time zone map; and, holidays of the world's major religions - Christian, Jewish, Buddhist, Muslim and Hindu.

Individual calendars can be purchased for \$13.95 (includes S&H) or two or more calendars can be purchased for \$12.95 each. You can order by phone if using a charge card at 800-447-8561 or you can send in a check or money order for the full amount to:

c/o Educational Extension Systems
P.O. Box 259
Clarks Summit, PA 18411

SMART CLOCK TICKS TO A COSMIC BEAT

submitted by Daniel Sampson, WI
from *LaCrosse Tribune*, October 26, 1991

"It's sleek, mysterious and high tech. For those of us who don't understand what makes things work beyond the power button, it's magic.

"Actually it's an advanced dome-shaped clock eight inches tall that automatically sets itself to the correct time. And once you power it with a battery, it will never lose time.

"The MEGA clock is claimed to be super accurate - missing only one second in a million years - because it's controlled by the mother clock.

"The atomic-powered mother clock is located deep in the mountains of Boulder, Colorado, in a bomb-proof shelter and is operated by the government's National Institute of Standards and Technology.

"The clocks operate off a powerful, longwave radio signal which is beamed continuously from a nearby Fort Collins radio station.

"The MEGA clocks are made in Scramberg, Germany, by Junghans, a Black forest clock

maker that started making pocket watches in 1861. The company now produces 80,000 watches and clocks a day.

"The LaCrosse Clock Comapny at 125 S. Second St. (LaCrosse, WI) is the only place in the country where you can buy one of these wonder clocks. At \$295 each, the supply has dwindled from 1,000 to 300.

"We are basically the only place shipping them to jewelry stores and clock stores around the country," said store owner Allan McCormick.

"For skeptics, McCormick intends to prove a point with 50 MEGA clocks in his window at 2 a.m. Sunday (October 27).

"When it's time to turn the clocks back an hour when Daylight Savings Time ends, the radio-controlled clocks, simultaneously, will suddenly seem to take on a life of their own. The bright green hands on the clocks will spin ahead 11 hours to 1 a.m.

"McCormick calls them 'smart clocks'.

"Klaus Messerklinger, an Austrian in LaCrosse to help McCormick introduce the radio-controlled clocks in the U.S. calls them 'the newest breakthrough in clocks since the quartz movement in the 1960's'"

NEW ZIP CODES OVERSEAS

from Mike Hardester, NC
from NCOA Journal

"The Military Postal Service Agency (MPSA) announced a new system to speed up APO and FPO mail which became effective July 15th, 1991. MPSA blames late delivery of overseas mailing to manual sorting and has devised a system with the U.S.P.S. which will permit computerized sorting. About 40 percent of all APO and FPO numbers will change because of the new system. A two-letter code, either AE (Europe), AP (the Pacific), or AA (Central and South America) will become standard parts of the last

line of the address cards. City names after APO or FPO such as 'New York' or 'San Francisco,' etc. will no longer be used. For example, the last line of (an) address for a letter destined for Germany will read 'APO AE 09XXX.' Mail addressed using the old system will continue to be forwarded for a period of one year."

Mike goes on to note that, although there is no guarantee, the 1992 Zip Code Directory should reflect changes to the military bases and ships overseas (back of the Zip Code directory). Looks like a "few" utility QSL address books are going to become outdated...perhaps a supplemental publication to such will suffice.

SHORTWAVE MAGAZINE

Published by pw publishing limited in Dorset, England, Shortwave Magazine is a very nicely done slick-style magazine. The issue I received for review is 72 pages in length. This is obviously a professionally published magazine.

In addition to 26 regular columns, the magazine contained another 9 feature articles ranging from receiver reviews to countries that can be heard on 144 MHz (!) to basic electronics and propagation.

The magazine goes way beyond the norm in that it also includes do-it-yourself articles on receiver modifications! The August 1991 edition shows the reader how to modify a Sangean receiver to not only accept rechargeable batteries, but how to build an automatic recharger into the receiver!

I'd like to do a more extensive review of this fine magazine in the future, but for now, if you'd like more information about subscribing, contact the publisher at:

pw publishing limited
Enefco House
The Quay, Poole
Dorset, BH15 1PP, England

FOR SALE: Superb unmodified Japan Radio NRD525 receiver with matching speaker (still in the box) for \$820. Gregory Fischer, M.D., 1518 Madison St., LaCrosse, WI 54601 (608) 782-7300 (work) or (608) 782-3328 (home).

FOR SALE: U.S. Consumer World Band Shortwave Radio, portable 10 band AM, FM, LW and seven SW bands (1 to 30 MHz), AC/DC with built in World Timezone Map and built in telescopic antenna. These units (about 300 available) were originally manufactured during Operation Desert Storm for troops and their families. They're great for use as a portable, backup or beginner set. Thomas is also including a no risk, 14-day preview in your home! They're being sold for only \$39.95 each plus \$5.00 shipping & handling for a total of \$44.95. Thomas Buchanan, P.O. Box 221, Hartsville, SC, 29550-0221.

FOR SALE: Attention Yaesu owners! FRT7700 Antenna tuner in excellent condition, seldom used and in original box. \$40.00. Ed Cichorek, P.O. Box 215, New Brunswick, NJ 08903, or call 908-545-2999.

WANTED: Letter exchange with SPEEDX members to swap DX information, station addresses, etc. I am 52 years of age, a middle-school teacher, married with two children. I have been a serious shortwave listener since 1968. Mr. Benito Groshus, Darbe Street, 13A-13, Talsi, LATVIA

Portables on Parade

The SPEEDX Receiver Review Column

edited by
Don Brewer
9212 West 103d St., Apt. A Overland Park, KS 66212

TOSHIBA RP-F11
BY VAL SCOTT, CA

Toshiba is not known for its shortwave receivers, but in 1984 the Toshiba RP-F11 appeared on the market. These days, the only places you are apt to find one is a swap meet, a yard sale, Cousin Theodore's basement, or possibly a dusty back shelf in an electronics outlet. The sources notwithstanding, it's really a decent little radio, especially for the price.

The RP-F11 is a portable receiver, with MW, FM, and SW arranged in eleven bands. Its main drawback is analog tuning on a crowded dial. Band switching is electronic, and easy to understand and use. The only other serious problem with the RP-F11 is that the bands are arranged in such a way that it is not possible to tune to WWV; the bands are strictly the official broadcast bands. At least in theory, the radio covers the 120m, 90m, 75m, 60m, 49m, 41m, 31m, 25m, 22m, 19m, 16m, and 13m bands. In practice, I've had the best luck with 49 - 13m. One very nice touch is that the radio has a usable S-meter, which offsets some of the difficulty in tuning.

The RP-F11 has several features that make it fine for travelling, and fun for the inveterate tinkerer. It's a small package, 23 ounces and roughly the size of a paperback book. It is the only portable I've found with lugs for both an antenna and a ground, as well as the usual whip antenna. When I travel with mine, I carry a couple of lengths of doorbell wire, one to festoon around the room (or better, out the window!) and one to ground the radio to a cold water pipe. The good news is that with the antenna and the ground, the radio is sensitive enough to make some nice DX catches. The bad news is that with that analog dial, sometimes it's hard to figure out just what you've caught. But even when the reception is lousy, you are at least guaranteed the prize for "most eccentric houseguest" after you've strung antenna wire all over the hallway and grounded yourself to the plumbing!

Other features include a "Hold" button, to keep the radio from accidentally turning on and draining the batteries, and jacks for headphones and a tape recorder. There are three "Tone" settings, high, low and voice. It runs on four AA batteries and it is equipped to use an AC adapter if desired.

The Toshiba was my first SW receiver, and I still carry it when I travel. My nine-year-old son uses it at home, and has a grand time fiddling with antennas and logging the big broadcasters. For the serious DXer, there are certainly better radios out there. But for a program listener, or a newcomer to the hobby, it's a great little radio.

According to Universal Radio's Shortwave Receivers Past and Present (1989) the Toshiba RP-F11 retailed for \$129.95 and sells used for about \$60.00.

The SPEEDX SUPERMARKET presents:
A PROPAGATION PRIMER
by KENT WILLIS

An elegant introduction to the fascinating science of radio propagation
7 pages; Includes "How to Listen to WWV"
Full Members: \$.58 in stamps (no generics!); Others: \$1.00

Taking the Rig Out: An Afternoon in Kobe

by
Ralph Famularo



Monday, October 14th. Foundation Day. A day off from my high school job. My English class at the 102-year-old girls' Buddhist school can range from a one-man standup routine to an experiment in mutual psychological terrorism to even a normal run-of-the-mill language lesson. So, on this one-day break, with just about everybody else in Japan working, I head off, ATS-803A in backpack, to Kobe.

Kobe is an especially likeable city for both Japanese and foreigners. As a port city, it has a long history of foreign influences; so it's not surprising that there is a small Chinatown, a fairly large Indian community, a tourist attraction which features old American-style homes, German bakeries, English pubs, and a foreigners' cemetery. And, of course, there are the Rokko-Maya mountains to the north which run parallel to the city proper.

If I may digress a moment...you may have read in other periodicals about the ubiquitous vending machines that inundate this archipelago. It was even a topic on a recent Radio Japan program. Well, as I enter the mountains, I come across a vending machine selling a sports drink, the name of which makes me both laugh and cringe; the bilingual can reads:

Desert Storm (Sabaku no Arashi)

New carbonated beverage for active people with fighting spirit.

My original destination was a park called "Futatabi Koen," which I had discovered on a hike a few months back. But on my way to this location I stumble upon another "koen," much smaller but much more remote. I'm not sure of the name, but it contains a few three-quarter-cut log benches and a number of small trees, some of which have begun to display autumnal colors. In one corner of the park stands a small wooden pavilion with traditional shingled roof. On the table inside is a box with an offer in English and Japanese for passers-by to write something in the book within. I skim through a thin notebook and find mostly writings and drawings by Japanese children and a message in English thanking God for constant blessings, signed by a Japanese. I take pen in hand but suddenly recall an odd little song by an even odder New York City new wave band: "She Had Nothing to Say," by King Missile. I put the notebook back inside the box without including any pearls of wisdom. My attention jumps to an old metal thermometer screwed into one of the supporting wooden beams. It reads 17°C (about 62°F). "Nice," I think. Time to sit down, eat some lunch, and listen to the short waves. I place the Sangean on the crudely but firmly constructed table, string out the old longwire, and relax. 381 meters above Kobe on a quiet, cool October afternoon, this is what I hear.

0435	25690	VO the United Arab Emirates, fair (1335 Japan Standard Time)
0457	21700	UAE Radio, fair
0505	21455	HCJB, poor with xmtr noises and scratchy audio
0515	21470	BBC Cyprus relay, longpath echo and //21515, Hong Kong
0535	15060	Broadcast Service of the Kingdom of Saudi Arabia, fair-good
0548	15230	Radio Havana Cuba, fair
0552	15220	BBC Cyprus relay, fair and getting stronger
0605	17875	Deutsche Welle, Germany, African Service, good
0612	13695	WYFR, USA, poor
0615	13730	Austrian Radio, fair; earliest ever heard on this freq. in Japan
0625	11740	TWR, Swaziland, poor-fair; rarely heard in these parts



WHAT'S ON

ENGLISH BROADCAST TO NORTH AMERICA



Daniel Sampson 4 Turtle St. Arcadia, WI 54612

NEWS FLASH!

Trans World Radio-Bonaire will be airing special broadcast the day before and on Christmas Day. The English broadcast will be extended on December 25 at 1300-1655 UTC on 15345 and 11815 and also on mediumwave to the Caribbean on 800 kHz 1300-1700.

UTC Time	Station	Notes	Frequencies
0000-0027	R. Prague, Czech.	---	11990; 11685; 7345
0000-0030	BBC, U.K.	---	9590S; 7325; 6175S; 5975An
0000-0030	R. Norway Int'l	Su-M	9645
0000-0030	R. Vilnius, Lithuan.	---	15180; 11790
0000-0030	RPFI, Costa Rica	Sa-Su	21565; 13630
0000-0030	RPFI, Costa Rica	M-F	21565; 13630; 7375USB
0000-0050	R. Pyongyang, N.K.	---	15115; 13760
0000-0100	KTBN, U.S.A.	---	15590
0000-0100	R. Beijing, China	---	17705MI; 15285MI
0000-0100	R. Korea, S.Korea	---	15575
0000-0100	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 15355; 12050; 11750; 11730; 9720; 9685; 9600Cu; 9530
0000-0100	R. Moscow, U.S.S.R.	Wld svce	21690; 17890; 15365; 15315; 12040; 11780; 9720Cu
0000-0100	R. Sofia, Bulgaria	---	17825; 15330; 15110; 11710; 11660
0000-0100	WYFR, U.S.A.	---	5985
0000-0130	R. Canada Int'l	Tu-Sa	9755; 5960
0000-0200	R. Canada Int'l	Su-M	9755; 5960
0000-0200	R. Havana Cuba	---	11820
0000-0200	REE, Spain	---	11880; 9630
0000-0200	WSHB, U.S.A.	---	13760; 7395
0000-0300	WRNO, U.S.A.	---	7355
0000-0610	CBCNQSW, Canada	not all EE	9625; 6195
0000-0700	WVCR, U.S.A.	---	7435
0000-0800	WHRI, U.S.A.	---	9495; 7315
0030-0055	BRT, Belgium	---	13710
0030-0125	R. Nederland	---	11835B; 6165B; 6020
0030-0130	VOIRI, Iran	---	15260; 9765; 9022
0030-0200	R. Australia	---	21740
0030-0230	BBC, U.K.	---	9590D; 7325; 6175S; 5975An
0030-0430	HCJB, Ecuador	---	15155; 9745
0100-0120	RAI, Italy	---	11800; 9575
0100-0130	R. Norway Int'l	Su-M	9605
0100-0130	R. Prague, Czech.	---	11685; 7345; 5930
0100-0130	R. Sweden	---	11705; 9695
0100-0150	DW, Germany	---	11865Ma; 9770; 9735Ma; 9640; 9610; 9565Ma; 7140; 7120; 6145; 6085; 6040An
0100-0200	R. Argentina Ext.	Tu-Sa	11710
0100-0200	R. Kiev, U.S.S.R.	---	15180; 11790
0100-0200	R. Moscow, U.S.S.R.	Wld svce	21790; 21690; 21585; 17890; 15315; 15290; 12040; 11780; 9720Cu
0100-0200	WYFR, U.S.A.	---	15440; 11855; 6065
0100-1500	KTBN, U.S.A.	---	7510
0130-0140	V. of Greece	---	11645; 9420; 9395
0130-0200	R. Austria Int'l	---	13730; 9875
0200-0230	R. Norway Int'l	Su-M	9605
0200-0230	R. Sweden	---	11705; 9695
0200-0230	SRI, Switzerland	---	17730Br; 12035; 9885; 9650; 6135
0200-0300	R. Moscow, U.S.S.R.	Wld svce	15540; 15480; 15415; 11990; 11980; 11970; 11880; 11690
0200-0300	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 12050; 11980; 11750; 11730; 9720; 9685; 9600Cu; 9530
0200-0300	R. Romania Int'l	---	15380; 11940; 11830; 9570; 9510; 5990
0200-0300	VOFC, Taiwan	---	15345; 9680W; 5950W
0200-0300	WYFR, U.S.A.	---	15440; 9505; 6065

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

UTC Time	Station	Notes	Frequencies
0200-0330	R. Cairo, Egypt	---	11865; 9475
0200-0400	R. Australia	---	21740; 17795
0200-0400	R. Havana Cuba	---	15140; 11820
0200-0400	WSHB, U.S.A.	---	13760; 9455
0230-0255	R. Finland	---	11755; 9560
0230-0300	R. Portugal	Tu-Sa	9705; 9555
0230-0300	R. Tirana, Albania	---	11825; 9580
0230-0315	R. Yugoslavia	---	11885; 9555
0230-0400	R. Dubai, U.A.E.	---	15435; 15400; 13675; 11945
0230-0430	BBC, U. K.	---	7325; 6175S; 5975An
0230-0430	R. Baghdad, Iraq	---	11830; 11810
0250-0310	Vatican R.	---	11625; 9610
0255-0400	TWR-Bonaire, N. Ant.	Tu-Sa	11930
0255-0430	TWR-Bonaire, N. Ant.	Su-M	11930
0300-0330	R. Japan	Reg svce	21610; 17825
0300-0330	R. Norway Int'l	Su-M	9645
0300-0330	R. Prague, Czech.	---	11685; 7345; 5930
0300-0350	DW, Germany	---	9770; 9705; 9640; 9605Ma; 9545An; 9535; 7275; 6120; 6085S; 6045
0300-0400	R. Beijing, China	---	15285Mi; 11715Mi; 9690Sp
0300-0400	R. Budapest, Hung.	---	11910; 9835; 6100
0300-0400	R. Japan	Gen svce	15195
0300-0400	R. Japan	Gen svce	5960S
0300-0400	R. Moscow, U.S.S.R.	Wld svce	21790; 21690; 21585; 17890; 15540; 15480; 15415; 11980; 11790; 11780
0300-0400	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 12050; 11980; 9720; 9600Cu; 9530
0300-0400	TWR-Bonaire, N. Ant.	Tu-Sa	9535
0300-0400	VOFC, Taiwan	---	15345; 9680Wy; 5950Wy
0300-0500	WYFR, U.S.A.	---	9505; 6065
0300-0700	WRNO, U.S.A.	---	6185
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Nov 26, Nov 29, Dec 31, Jan 3, Jan 28, Jan 31, Feb 25, Feb 28
0330-0400	R. Austria Int'l	---	13730
0330-0400	R. Tirana, Albania	---	11825; 9580
0330-0425	R. Nederland	---	11720B; 9590B
0340-0350	V. of Greece	---	11645; 9420; 9395
0350-0400	R. Yerevan, U.S.S.R.	---	15455; 15180; 11790; 11675
0400-0430	R. Prague, Czech.	---	11685; 7345; 5930
0400-0430	R. Romania Int'l	---	15380; 11940; 11830; 9570; 9510; 5990
0400-0430	SRL, Switzerland	---	13635; 12035; 9885; 6135
0400-0450	R. Havana Cuba	---	15140; 11820; 11760; 5965
0400-0450	V. of Turkey	---	9445
0400-0500	R. Beijing, China	---	11685Gu
0400-0500	R. Moscow, U.S.S.R.	NAm svce	17840; 17700; 17690; 17605; 15455; 15425; 15180; 12050; 12030
0400-0600	R. Australia	---	15160
0400-0600	WSHB, U.S.A.	---	13760; occ. 9870; 9455
0400-0615	R. Sofia, Bulgaria	---	17825; 15160; 11720
0430-0500	BBC, U.K.	---	5975An
0450-0600	R. Havana Cuba	---	11820; 11760; 5965
0500-0515	kol Israel	---	11588
0500-0550	DW, Germany	---	9690; 9670An; 9535; 7110; 6120; 6045; 5960
0500-0600	R. Beijing, China	---	11840S
0500-0600	R. Japan	Gen svce	17825; 15195
0500-0600	R. Moscow, U.S.S.R.	NAm svce	15455; 15425; 15180; 13645; 13605; 12050; 12030; 12010; 12000
0500-0600	REE, Spain	---	9630
0500-0700	HCJB, Ecuador	---	15155; 9745
0500-0700	WYFR, U.S.A.	---	5985
0500-0730	BBC, U.K.	---	9640An; 5975An
0530-0600	R. Austria Int'l	---	6015S
0600-0700	R. Korea, S. Korea	---	15170; 11810
0600-0700	R. Moscow, U.S.S.R.	NAm svce	15455; 15425; 15180; 13645; 13605; 12050; 12030; 12010; 12000
0600-0800	R. Havana Cuba	---	11760
0600-0800	WSHB, U.S.A.	---	9870; 9455
0630-0700	R. Austria Int'l	---	6015S

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

UTC Time	Station	Notes	Frequencies
0700-0800	R. Moscow, U.S.S.R.	NAm svce	15425; 15180; 13645; 13605; 12050; 12030; 12010; 12000
0700-0800	VOFC, Taiwan	---	5950WY
0800-1000	WSHB, U.S.A.	---	13760
0800-1100	WHRI, U.S.A.	---	7355; 7315
0830-1300	R. Australia	---	9580
1000-1100	WYFR, U.S.A.	---	5950
1000-1200	WSHB, U.S.A.	---	occ. 13760; 9495; 9455
1055-1300	TWR-Bonaire, N.Ant.	M-F	15345; 11815
1055-1330	TWR-Bonaire, N. Ant.	Sa-Su	15345; 11815
1100-1130	kol Israel	---	17545
1100-1150	R. Pyongyang, N.K.	---	11335; 9977; 6576
1100-1200	BBC, U.K.	---	15220An; 6195An; 5965S
1100-1200	R. Japan	Gen svce	6120S
1100-1200	WYFR, U.S.A.	---	11580; 5950
1100-1315	R. Jordan	---	13655
1100-1400	WHRI, U.S.A.	---	11790; 9465
1100-2400	WWCR, U.S.A.	---	15690
1130-1200	HCJB, Ecuador	---	11740
1130-1200	R. Austria Int'l	---	13730
1130-1200	R. Korea, S.Korea	---	9650S
1200-1300	BBC, U.K.	---	15220An; 9740F; 5965S
1200-1300	R. Beijing, China	---	17855
1200-1300	R. Moscow, U.S.S.R.	Wld svce	21800; 21785; 17810; 17570; 15560; 15480; 15375; 15155; 12025; 9600Cu
1200-1320	R. Nacional, Brazil	---	11745
1200-1400	CBCNQSWS, Canada	not all EE	9625; 6065
1200-1400	WSHB, U.S.A.	---	13760; 9495
1200-1400	WYFR, U.S.A.	---	17750; 11580; 6015; 5950
1200-1500	HCJB, Ecuador	---	17890; 15115; 11740
1215-1315	R. Korea, S.Korea	---	9750
1230-1255	BRT, Belgium	Su	21810
1230-1255	R. Finland	M-F	21550; 15400
1230-1300	R. France Int'l	---	21645; 21635
1230-1300	R. Yugoslavia	---	17740
1235-1245	V. of Greece	---	17525; 15650; 15550
1300-1330	BBC, U.K.	---	15220An; 11820; 9740F; 9515S, 5965S
1300-1350	R. Pyongyang, N.K.	---	15230
1300-1400	R. Canada Int'l	M-F	17820; 11855; 9635
1300-1400	R. Moscow, U.S.S.R.	Wld svce	21785; 17810; 17570; 15560; 15485; 15375; 12025; 11840Cu
1300-1500	R. Australia	---	13605; 9580
1300-1500	R. Beijing, China	---	11855
1320-1630	R. Jordan	---	9560
1330-1355	R. Finland	M-F	21550; 15400
1330-1400	BBC, U.K.	---	15220An; 11820; 9740F; 9515S
1400-1425	BRT, Belgium	M-Sa	21810
1400-1430	BBC, U.K.	---	15220An
1400-1445	R. Finland	Sa-Su	21550; 15400
1400-1500	BBC, U.K.	Sa-Su	11820; 9740F
1400-1500	R. Moscow, U.S.S.R.	Wld svce	21785; 17810; 17670; 17570; 15485; 15375; 15155; 12050; 11840Cu
1400-1500	WHRI, U.S.A.	---	15105; 9465
1400-1500	WYFR, U.S.A.	---	17750; 11580; 6015
1400-1600	R. Japan	Gen svce	9505
1400-1600	WSHB, U.S.A.	---	occ. 17555; occ. 15610; 13760
1400-1700	R. Canada Int'l	Su	17820; 11955
1400-2330	CBCNQSWS, Canada	not all EE	11720; 9625
1430-1455	R. Finland	M-F	21550; 15400
1430-1458	kol Israel	Su-Th	17575; 17590; 11605; 11587
1430-1500	BBC, U.K.	---	15205
1500-1530	R. Norway Int'l	Sa-Su	11870
1500-1600	BBC, U.K.	Sa-Su	15260S; 9515S
1500-1600	BBC, U.K.	---	15205; 9740F
1500-1600	HCJB, Ecuador	---	17890; 15115
1500-1600	R. Australia	---	13605
1500-1600	R. Moscow, U.S.S.R.	Wld svce	21790; 17810; 17670; 17655; 17570; 15485; 15375; 15180; 12050; 11840Cu

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

UTC Time	Station	Notes	Frequencies
1500-1600	WHRI, U.S.A.	Sa-Su	21840
1500-1600	WHRI, U.S.A.	M-F	9465
1500-1600	WHRI, U.S.A.	---	15105
1500-1700	WYFR, U.S.A.	---	17750; 11830; 11580
1500-2400	KTBN, U.S.A.	---	15590
1530-1540	V. of Greece	---	17525; 15550; 11645
1530-1600	R. Sweden	---	21500; 17870
1600-1615	BBC, U.K.	---	15260S; 15205; 9740F; 9515S
1600-1700	R. Moscow, U.S.S.R.	Wld svce	21790; 21740; 17670; 15485; 15375; 12050; 11840Cu
1600-1700	WHRI, U.S.A.	Su	15105
1600-1700	WHRI, U.S.A.	M-Sa	13760
1600-1700	WHRI, U.S.A.	Sa-Su	21840
1600-1700	WHRI, U.S.A.	M-F	9465
1600-1800	WSHB, U.S.A.	---	occ. 15610
1600-2100	WRNO, U.S.A.	---	15420
1615-1745	BBC, U.K.	---	15260S; 9515S
1700-1800	R. Japan	Gen svce	9505
1700-1800	R. Moscow, U.S.S.R.	Wld svce	21790; 21740; 17670; 15485; 15375; 11840Cu
1700-1800	WHRI, U.S.A.	---	15105; 13760
1800-1815	kol Israel	---	15640; 11587; 11675
1800-1900	R. Moscow, U.S.S.R.	Wld svce	21740; 17670; 17655; 15520; 15375; 11840Cu
1800-2000	RFPI, Costa Rica	Sa-Su	21565; 13630
1800-2000	WSHB, U.S.A.	---	occ. 21780; 15665; occ. 15610
1800-2100	R. Kuwait	---	13610
1800-2300	WHRI, U.S.A.	---	17830; 13760
1900-1930	R. Afghanistan	---	9635; 6020; 4760
1900-1930	R. Japan	Gen svce	9505
1900-2000	R. Moscow, U.S.S.R.	Wld svce	21740; 17670; 15520; 15375; 11840Cu
1930-2030	VOIRI, Iran	---	9022
2000-2030	kol Israel	---	11675; 11605; 11587; 9435; 7465
2000-2100	R. Moscow, U.S.S.R.	Wld svce	21740; 17695; 15520; 11840Cu
2000-2200	WSHB, U.S.A.	---	17555; 15665; occ. 15610
2000-2330	RFPI, Costa Rica	---	21565; 13630
2005-2105	R. Damascus, Syria	---	15095; 12085
2100-2130	R. Norway Int'l	Sa-Su	9590
2100-2200	BBC, U.K.	---	9590S
2100-2200	R. Moscow, U.S.S.R.	Wld svce	17695; 15535; 15500; 15385; 12060; 11850; 11840Cu
2100-2400	WRNO, U.S.A.	---	13720
2110-2210	R. Damascus, Syria	---	12085; 9950
2200-2300	BBC, U.K.	---	9590S; 7325
2200-2300	R. Moscow, U.S.S.R.	Wld svce	17655; 15535; 15500; 15355; 12060; 11850; 9720Cu
2200-2400	UAE R., U.A.E.	---	13605; 11965; 9600
2200-2400	WSHB, U.S.A.	---	17555; 9465
2230-2300	kol Israel	---	11675; 11605; 11585; 7465
2245-2400	R. Sofia, Bulgaria	---	17825; 15330; 15110; 11710; 11660
2300-2330	R. Norway Int'l	Sa-Su	11925
2300-2350	R. Pyongyang, N.K.	---	13650; 11700
2300-2350	V. of Turkey	---	9445
2300-2400	BBC, U.K.	---	9590S; 7325; 6175S; 5975An
2300-2400	R. Moscow, U.S.S.R.	Wld svce	17890; 17670; 17655; 15365; 15315; 12040; 11780; 9720Cu
2300-2400	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 15355; 12050; 11750; 11730; 9720; 9685; 9530
2300-2400	WHRI, U.S.A.	---	occas. 17830; 13760; 9495
2330-2400	CBCNQSW, Canada	not all EE	9625; 6195
2330-2400	RFPI, Costa Rica	Sa-Su	21565; 13630
2330-2400	RFPI, Costa Rica	M-F	21565; 13630; 7375 USB
24 Hours	CFCX, Canada	---	6005
24 Hours	CFRX, Canada	---	6070
24 Hours	CFVP, Canada	---	6030
24 Hours	CHNX, Canada	---	6130
24 Hours	CKFX, Canada	---	6080

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

DX & OTHER INTERESTING PROGRAMS FOR TUESDAY

(Day and Time in UTC)

DAY	TIME	STATION	PROGRAM	FREQUENCY in kHz			
Tue	1030	RM	Music At Your Request	21785	17810	17790	15520
Tue	1130	ABC	Just Out	9580	15365	11930	
Tue	1130	BBC	Megamix	5865	12095	17640	15070
Tue	1130	NHK	Into Japan	6120S	11815	11840	
Tue	1135	R. Korea	Seoul Calling	9650			
Tue	1200	WWCR	American Sunrise	15690			
Tue	1215	BBC	Multitrack 1	9515	15070	12095	17640
Tue	1230	ABC	Sound-About	9580	11720	11930	
Tue	1230	RM	Russian By Radio	21875	17810	17790	15520
Tue	1245	RFI	Land of France	21635	21645	15195	11670
Tue	1300	BBC	Newshour	15220	9515	17640	(daily)
Tue	1300	RCI	As it Happens	11855	17820	9635	
Tue	1330	RM	Folk Box	11840	17670	17810	21785
Tue	1345	R. Finland	Highlights (arts)	15400	21550		
Tue	1400	WHRI	Christian Rock program	15105	9465	21840	
Tue	1425	ABC	Australian Stock Market	9580	9710	11720	17620
Tue	1430	ABC	Lane's Company	11720	17620	9580	
Tue	1430	BBC	Off The Shelf	12095	15070	17640	
Tue	1445	RFI	Science Notes	17650	21770	11910	
Tue	1445	R. Finland	Highlights (arts)	15400	21550		
Tue	1450	RN	Mirror Images	15150	13700	13770	17580
Tue	1500	RTM	Afternoon Show	17595			
Tue	1510	RCI	Spectrum	15315	13650	17820	21545
Tue	1515	BBC	A Jolly Good Show	17640	15070	12095	
Tue	1530	ABC	Agri News	12000	17620	9580	
Tue	1530	CSM	Technical Letterbox	21670	13760	13625	9530
Tue	1530	RS	60 Degrees North	17870	21500		
Tue	1600	UAE Dubai	Arabic Literature Pgm	21605	13675	15320	
Tue	1615	BBC	Megamix	9515	15260	15070	21660
Tue	1630	RFI	Books, Land of France	17620	17850	15360	17795
Tue	1645	BBC	The World today	9515	15260	15070	21660
Tue	1645	WYFR	Bible Quiz	21615	21525	15355	11830
Tue	1710	RCI	Spectrum	13670	15325	17820	21545
Tue	1710	RFI (FF)	Generation 91 (music)	21620	17650	17620	15460
Tue	1715	BBC	Composer of The Month	9515	15260	15070	21660
Tue	1730	CSM	Letterbox	21640	17555	13625	
Tue	1730	VOA	Now Music USA	17800	15580	15410	
Tue	1810	RCI	Spectrum	13670	15260	17820	
Tue	1830	BBC	Discovery	15070	12095	21660	17640
Tue	1930	BBC	Development '91	12095	15070	17640	21660
Tue	1930	CSM	Letterbox	21640	17555	13625	
Tue	1930	RM	Jazz Show	9685	9720	11840	17670
Tue	1930	VOA	Sounds Of Soul	17800	15580	15410	15205
Tue	1940	RS	Sweden Calling DXers	15270	6065	9655	
Tue	2010	Kol Israel	Talking Point	9435	11605	11588	17685
Tue	2010	RCI	Spectrum	11945	15325	17875	
Tue	2015	RHC	DXers Unlimited	17705	(alt 1915 utc)		
Tue	2030	BBC	Meridian	12095	15070	17640	21660
Tue	2030	RFPI	World of Radio	13630	15030	21465	7375
Tue	2040	R. Beijing	Letterbox	11715	15110	9440	11500
Tue	2045	WYFR	Daily Bible Quiz	17612	21615	15566	21525
Tue	2050	RN	Mirror Images	13700	9895	11660	9860
Tue	2100	BBC	Newshour	9590	7325	12095	15070
Tue	2100v	RFPI	Mailbag	21465	13630	15030	7375
Tue	2115	RDP	Music Time	15250			
Tue	2115	SLBC	Listener's Letters	15120			
Tue	2130	CSM	Letterbox	13770	17555	13625	9455
Tue	2130	RCI	Spectrum	15150	11880	17820	
Tue	2215	R. Polonia	DX Club	7270	6135	5995	
Tue	2215	VOFC	Kalidascope	9852	11580		
Tue	2220	RY	Economic Review	6100	9505		
Tue	2230	BBC	Megamix	9590	12095	15070	15260
Tue	2230	RM	Your's for the Asking	7115	7150	7240	9765 9860
Tue	2230	RBH	DX News	9835	11910	6110	
Tue	2230	UAE AbDb	Capital Radio 93.5	13605	11965	9600	7215
Tue	2240	Kol Israel	Israel Mosaic	9435	11605	15640	17575
Tue	2240	RBH	Alexander Reports	9835	11910	6110	
Tue	2245	R. Polonia	Letter From Poland	7270	6135	5995	
Tue	2245	Vatican	The Rome Report	7310	9600	11830	
Tue	2250	Kol Israel	New From Israel	9435	11605	15640	17575
Tue	2255	RAI (II)	Musica Leggera	11800	9575	15245	
Tue	2305	BBC	World Business Report	5975	12095	15070	9410
Tue	2315	BBC	Concert Hall	12095	15070	15260	9915
Tue	2315	NHK	Magazine Hour	11735G	17810	11815	15340
Tue	2330	CSM	Letterbox	9465	13770	17555	13625

DAY	TIME	STATION	PROGRAM	FREQUENCY in kHz
Tue	2330	RM	Audio Book Club	7115 7150 7240 9765 9860
Tue	2330v	R. Sofia	Answering Your Letters	9700 11660 11680 11720
Tue	2340	RS	Sweden Calling DXers	9695 11705 (1st & 3rd Tue)
Tue	2345	DW (GG)	DW Hit Express	6100 7275 15410 17860
Tue	2350	RFPI	UN News	21465 15030 13630 7375
Wed	0000	BBC	Newsdesk	5975 7325 12090
Wed	0000	RCI	World at Six	5960 9755
Wed	0000	VOA	Newsline	5995 9775 11580 15120
Wed	0015	RPI	Observer	11990 7345 9540
Wed	0015	R. Vilnius	Letterbox	7400 17605 17690 15180
Wed	0020	R. Korea	Seoul Calling	15575
Wed	0020	RPI	Science or Stamp pgm	11990 7345 9540 (alt)
Wed	0030	BBC	Omnibus	5975 9590 9915 12095
Wed	0030	RCI	As It Happens	5960 9755
Wed	0030	RFI (FF)	Generation 91 (music)	5945 9715 9790 15435
Wed	0030	VOA	Now Music USA	9455 6130 11695 (Carib Svc)
Wed	0040	REE	Hall of Fame	9530
Wed	0040	R. Beijing	Letterbox	11715 9770 15285 17705
Wed	0040	RHC	DXers Unlimited	11950 (alt 0140 utc)
Wed	0050	BRN	P.O. Box 26	13710 13655
Wed	0050	RN	Mirror Images	6020 6165 11835
Wed	0100	DW	European Journal	6145 11865 9565 15105
Wed	0100	HCJB	Happiness Is	15155 9745 11945
Wed	0100v	RFPI	Outlaw For Peace	7375 13630 15030 21465
Wed	0100	WWCR	For The People	7435 (1-800-TALK-YES)
Wed	0110	RS	Sweden Calling DXers	9695 11705 9765 (1st/3rd)
Wed	0120	RPI	Round-a-bout	5930 7345 9540 11685
Wed	0130	CSM	Letterbox	7395 13760 9850 17555
Wed	0130	ORF	Report From Austria	9875 9870 13730
Wed	0140	REE	Hall of Fame	9530
Wed	0145	BBC	Country Style	5975 9915 12095 7325
Wed	0150	RFPI	Undercurrents	13630 7375 15030 21465
Wed	0200	RCI	As it Happens	9535 9755 11845 13720
Wed	0200	RNZ	Cadenza Hour	17770 (music pgm)
Wed	0200	SRI	Dateline	6135 9650 9885 12035
Wed	0205	R. Cairo	Lighter Side of News	9475 9675 11865
Wed	0210	RS	Sweden Calling DXers	9695 11705 (1st & 3rd Tue)
Wed	0230	BBC	Development 91	5975 9915 12095 7325
Wed	0230v	RFPI	World of Radio	13630 15030 7375
Wed	0240	RHC	DXers Unlimited	11950 15140 (alt 0340 utc)
Wed	0245	RDP	Music Time	9555 9600 9795 11840
Wed	0245	R. Tirana	Viewing Our View	9760 11825
Wed	0250	RY	Economic Review	9550 11885
Wed	0250	Vatican	The Rome Report	7305 9605 11620
Wed	0300	DW	European Journal	13610 9545 6085 11810
Wed	0300	HCJB	Happiness Is	15155 9745 11945
Wed	0300v	RFPI	Mailbag	13630 15030 7375
Wed	0300	VOA	Daybreak Africa	6035 7405 9575 15115
Wed	0300	WWCR	Radio Free America	7435
Wed	0315	BBC	Sports Roundup	5975 9915 12095 7325
Wed	0315	NHK	Magazine Hour letters	5960S 17810 15195
Wed	0315	RPI	Observer	5930 7345 11685
Wed	0330	BBC	Discovery	5975 9915 12095 7325
Wed	0330	CSM	Letterbox	9455 9850 13760
Wed	0330	ORF	Report From Austria	9875 9870 13730
Wed	0330	RBH	DX News	9835 11910 6110
Wed	0345	RBH	Hit List	9835 11910 6110
Wed	0340	R. Beijing	Letterbox	9690S 11715 9770 15285
Wed	0350	RN	Mirror Images	11720 9590 [6165]
Wed	0400	RSA	Good Morning Africa	15230 11900 7270
Wed	0400	SRI	Dateline	6135 9650 9885 12035
Wed	0415	RPI	On The Line, Roundabout	5930 7345 11685 9540
Wed	0430	BBC	Off The Shelf	9410 9670 12095
Wed	0430	ORF (GG)	Austropop Parade	6155 13730 15410
Wed	0440	RHC	DXers Unlimited	11950 11760 5965(alt 0540)
Wed	0500	DW	European Journal	5960 6120 7110 9535 9670
Wed	0500v	R. Sofia	Answering Your Letters	9595 11720 11765
Wed	0500	VO Nigeria	Morning Flight	7255
Wed	0515	NHK	Magazine Hour, Asian..	21610 17825 17810 17765
Wed	0530	BBC-Eur	Europe Today	6195 3955 3975 6010 6180
Wed	0530	ORF	Report From Austria	6015 6155 15410 21490
Wed	0540	R. Beijing	Letterbox	11685 11840S
Wed	0540	REE	Hall of Fame	9530
Wed	0630	ABC	Pacific Women	21740 21515 17795 15240
Wed	0630	BBC	Meridian	9410 9670 12095
Wed	0640	RHC	DXers Unlimited	11835 (alt 0740 utc) 13
Wed	0640	R. Polonia	DX Club	9675 7270



ALASKA

7355 1310 KNLS: EE: Ad for pamphlet; ID; into sermon (322 10/6 Hankison-KS)
 9815 0900 KNLS: RR: M anncr w/relig tx (444 10/25 Findlater-CA)

ANTIGUA

5975 0301 BBC: EE: New report on the confirmation of Justice Clarence Thomas & background of Anita Hill (454 10/16 Lukas-NY) @ 0225 in EE w/World Series report while I was watching the game on TV! (323 10/28 Scott-CA)
 6040 0118 DW: EE: W w/cmnty on place of Germany in the world; nx abt USSR; press review; economic nx (555 10/3 Wolfson-OH)
 9545 0324 DW: EE: A report on the 50th anniversary of the start of the deportation of the Jews (544 10/18 Brown-IL)
 11965 0700 DW: GG: Time & freq sked @ 0730; like a local (10/10 Findlater)
 15205 1537 BBC: EE: Soccer match: Manchester United vs. Arsenal; Great Britain beats France in World Cup Rugby (444 10/19 Brown IL)
 15220 1305 BBC: EE: Japanese Foreign Minister to hold talks in Moscow; a fire occurs at Chernoble (433 10/12 Brown-IL)
 17840 1600 BBC: EE: News abt Britain (555 11/6 Findlater-CA)

ANTILLES

6165 0028 RN: EE: Shamir names the Israeli Delegation for Madrid; Guatemalan peace talks break down (444 10/24 Brown-IL)
 11720 0350 RN: EE: "Media Network" (444 10/3 Millard-TX)
 11815 1136 TWR: EE: World nx; sports; @ 1143 into "Morning Sounds" (545 10/5 Carson-OK)
 11835 0000 RN: EE: "Happy Station" prog w/host Tom Meyer (434 10/21 Bellovich-FL) @ 0052 in EE w/"Media Network" w/tx w/Roy Neal abt American Forces Radio (454 10/4 Lukas-NY)
 11930 0158 TWR: SS: Mail from listeners inc an invitation to write in w/reception reports (333 10/13 Meinhardt-IL)
 15345 1100 TWR: EE: Jamaican church responds to local needs (554 10/19 Neff-FL)

ARGENTINA

11710 0155 RAE: Samba mx; nx that Argentina's President is moving to deregulate the economy (323 11/1 Scott-CA) (Westenhaver PQ) (Bishop-NY) (Brown-IL)

BOLIVIA

6135 0900 R. Santa Cruz: SS: IDs & freqs; "Buenos Dias Bolivia...R. Santa Cruz" (333 10/19 Fisher-MA)

BRAZIL

4825 2333 R. Cancão Nova: PP: W anncr w/tx into pop mx (221 10/24 Bishop-NY)
 4875 0048 Super R. Roraima: PP: Tx abt Jesus Christ (43310/11 Bishop)
 4885 0101 R. Clube do Pará: PP: Lat Am mx; canned ID (321 10/10 Bishop)
 4905 0115 R. Relógio Federal: PP: Non stop Lat Am mx (221 10/11 Bishop)
 4935 2317 R. Difusora:(t) PP: Possible dramatic reading by M; roar of a crowd heard (322 11/3 Cichorek-NJ) (Political rally?--ed)
 5015 0155 R. Brasil Tropical: PP: M w/tx in PP (544 10/11 Bishop-NY)
 5055 0237 R. Difusora: PP: Very nice vocal mx in PP; ID (353 10/14 A Jones-TN)
 6180 2255 R. Nacional da Amazonia: PP: Local nx items; excerpts from a speech; ments of R. Nacional (433 10/14 Cichorek-NJ)
 9675 0000 R. Cancão Nova: PP: ID; mx; W anncr w/lengthy tx (433 10/31 Hankison-KS)
 11780 0900 R. Nacional da Amazonia: PP: Full ID; mx (333 10/3 Millard TX)
 17730 0220 SRI: EE: Tx abt aquaducts in Switzerland (333 11/8 Carson OK)

CANADA

5960 2210 RCI: EE: "Air Farce" w/amateur show w/a barbershop duet & a classical duck call (555 10/13 Fraser-MA)
 5960 0100 R. Japan: EE: Nx abt N Korea; resignation of Japanese Finance

6005 1916 CFCX: EE: Country & Western mx inc a Buddy Holly song "True Love Ways" (353 10/7 Lukas-NY)

6070 1142 CFRX: EE: Ad for hockey tape for only \$9.95 w/an \$80.00 purchase (242 10/19 Neff-FL) @ 2315 in EE w/a call-in show w/the topic 'Quebec has Declared War on the Rest of Canada' (433 10/20 Hart-MN)

6120 1100 R. Japan: EE: Tx abt green tea--the national beverage; designer baby rattles (555 10/10 Robinson-TN)

6130 1333 CHNX: EE: Prog of American & Canadian pop mx (433 10/10 Bishop-NY)

6160 0359 CKZN: EE: CBC network ID; PSA for school bus safety in Nfld; local ID; into Nfld nx & wx (322 11/1 Westenhaver-PQ)

6160 0756 CKZU: EE: Prog of hard blues mx; into talk show @ 0800; ID as "CBC, British Columbia" (233 10/6 Evanchuck-OH)

6175 0203 BBC: EE: A report on the Gorbachev & Shamir meeting; the Ukrainian Gov't wants to close Chernobel (444 10/29 Brown IL)

9515 1635 BBC: EE: "A Small Matter of Taste" on the traditional Melton Mowbray pork pie. This freq ex-11775 at ECNA noontime (555 11/4 Westenhaver-PQ)

11715 1050 R. Korea: EE: "Shortwave Feedback" inc a review of 1991 Proceedings (454 10/20 Wakefield-IA) @ 1053 in EE w/disc abt making homemade beer (454 10/19 Neff-FL)

13670 2345 RCI: EE: Nx abt the Clarence Thomas nomination (444 10/15 Langlois-FL)

15315 1511 RCI: EE: "Spectrum" w/report on the Canadian environment (544 11/11 Pennisi-NJ)

17820 1505 RCI: EE: "Sunday Morning" prog w/report on the educational system in Canada (544 11/10 Pennisi-NJ)

COLOMBIA

4865 0848 LV del Cinaruco: SS: Lively mx non-stop until full ID w/sign-on @ 0857 (444 10/18 Huffaker-Mexico)

4885 0105 Ondas del Meta: SS: 2 M w/disc (321 10/11 Bishop-NY)

4895.1 0319 LV del Río Arauca: SS: Ballads; lot of "por Colombia" tag lines (333 10/19 Wakefield-IA)

4945 1021 Caracól-Neiva:(t) SS: 2 hyper M w/ TCs, tx & lively Lat Am vocal mx; ID as "R. Super/R. Colombia" (342 10/12 Thompson CA)

6075 0715 Caracól-Bogotá: SS: M anncr host call-in prog. ID as "Caracól: Mas Compani"; nx @ 0730 (323 10/7 Scott-CA)

6170 1050 LV de la Selva: SS: M hosting prog of lively Latin mx to 1058 ID; many ments of Caracól (252 10/25 D'Angelo-PA)

11825 2330 R. Nacional:(t) EE: 2 M anncrs hosting prog anncd as "Colombia DX"; ID of station given as "Radio Colombia". Prog consisted of mx & a feature on the history of machismo in Colombia; signal deteriorated by 2345 due to interference. //freqs of 13865 15335 & 9635 were announced but not heard here. (? 11/2 Brennan-NY) on 11822 @ 0400 in SS w/lively Lat Am mx; off w/NA @ 0447 (222 10/19 Findlater-CA) on 11821.8 in SS w/vocal mx by M; accordian like mx; (NA?-ed) gone at 0450 (333 10/21 Hart-MN)

COSTA RICA

4832 0449 Radio Reloj: SS: EZL mx in Español (332 11/7 Foster-NC)

5055 0400 Faro del Caribe: Country mx; ID by M inc address; into nx (322 10/12 Foster-NC) (Wakefield-IA) (Bishop-NY)

6105 2111 R. Universidad:(t) SS: Typical 'good music' format w/concert length selections; ID as "transmite la radio de la Universidad de..." I couldn't make out what university it was so this log is tentative (242 10/19 Huffaker-Mexico) (Latin American Radio World lists this stations simply as R. Universidad and lists their transmitter site as San José, so maybe that is what was included in their ID--ed)

7375 0110 RFPI: EE: "Outlaw for Peace" prog; James Latham annc'd FM freq change (444 9/18 Carson-OK) @ 2330 in EE w disc abt the setting up of an animal preserve (444 10/15 Langlois-FL)

9645 0329 Faro del Caribe: EE: Gospel songs to 0344; canned relig prog; @ 0359 anncd that EE prog is over & will be back tomorrow at 9 PM Costa Rican time; into SS @ 0401 (232 10/3 Westenhaver PQ)

9725 2320 AWR: EE: Relig prog; ID (444 9/28 Babin-MA)

15030 2230 RFPI: EE: Glenn Hauser's "World of Radio" (444 10/13 Babin MA)

21465u 0237 RFPI: EE: "World of Radio" #611; into prog abt reptiles & amphibians of Costa Rica (444 9/25 Carson-OK) @ 1900 in EE w/a song composer playing & giving cmnty abt his mx (333 10/21 Findlater-CA) @ 2230 in EE w/"New Dimensions" prog w/political interview w/Doug Boyd; ID (232 10/28 Scott-CA)

CUBA

6000nf 1109 R. Moscow: EE: Weekly business prog w/tx abt new economic reforms. Ex-9600--usual move for winter; usual lousy modulation (444 11/3 Westenhaber-PQ)

9600 1131 R. Moscow: EE: "The Pacific and Peace"--a new feature? w/nx abt Soviet contacts w/Pacific area countries. Awful overmodulated audio (444 10/13 Westenhaber-PQ)

11760 0420 RHC: ID; "Cuba Today" w/news abt Party Congress meeting into it's 3rd day; mx (433 10/12 Brown-IL) (Scott-CA)

11950 0040 RHC: EE: "Close Up" reports and interviews on the present situation in Guatemala (555 10/19 Fraser-MA)

17705 2028 RHC: EE: Mx into news update; @ 2035 an interview w/a visiting US engineer (444 11/1 Carson-OK) (Wolfson-OH)

18901.7 0013 RHC: EE: Nx items w/cmnty; this transmission occupied 18901 all the way to 18999 Khz; this has happened a few times lately (fair 10/15 Levison-PA)

21685 1910 R. Moscow: EE: "News & Views" inc Soviet Republics sign Agreement of Economic Cooperation (545 10/20 Fraser-MA)

DOMINICAN REPUBLIC

4800 2321 R. Norte: SS: Ments of Santiago; ads (322 10/10 Bishop NY)

4930 0315 R. Baharona: SS: Lat Am love ballads; poor modulation & a bad hum, as usual (433 10/1 Johnson-IL)

ECUADOR

3290 0821 R. Centro: SS: Cumbias & romantic mx; TCs; ID. 24 hour statement given @ 0830 (The 24 hours is for medium wave, the SW is off for 2 or 3 hours during the night) (343 10/18 Huffaker Mex)

4679 2319 R. Nacional Espejo: SS: Classical mx then silence, no tx or mx (221 10/24 Bishop-NY)

4851 0240 R. Luz y Vida: SS: Blend of continuous Lat Am vocals & inst'l mx until 0300 ID & s/off (252 10/2 D'Angelo-PA)

4870 0500 R. Río Amazonas: SS: Annncr w/ID; into American hard rock mx (343 10/20 Babin-MA)

4920 1010 R. Quito:(t) SS: Lat Am mx; ad; M annrcr who talked over nearly every song; many ments of "Pueblo de Quechuan"; tentative ID (443 10/12 Thompson-CA)

5011 1015 Escuelas Radiofonicas Populares: SS: ID as "En Riobamba, Radiofonicas Populares"; TC (333 10/21 Fisher-MA)

5030 2352 R. Católica: SS: M talking very softly (221 10/24 Bishop NY)

5040 026 L.V del Upano: SS: Orchestral musical interlude of American tunes (353 10/14 A Jones-TN)

5062 0335 R. Nacional Progreso: SS: Lat Am ballads; long station break w/ID (232 10/1 Johnson-IL)

6050 0129 HCJB: SS: Nx in SS ; ID @ 0132 (333 10/3 Wolfson-OH)

11925 0803 HCJB: EE: Commentary abt the prices of coffee, bananas and other products from Ecuador (444 10/3 Levison-PA)

15155 0030 HCJB: EE: "Happiness Is" prog w/radio tour of Ecuadorian cities of Quito, Guayaquil & Ambato (444 10/8 Meinhardt IL) @ 0144 in EE w/"Musical Mailbag" w/a letter from SPEEDXr: Ned Brown-IL (343 11/3 Westenhaber-PQ) @ 0036 in EE w/Lat Am nx; into "Saludos Amigos" @ 0040 (454 10/21 Bellovich-FL) @ 15155 in EE w/"DX Partyline" (444 10/5 Millard-TX) @ 0100 in EE with "Happiness Is" prog w/a feature on the Galapagos Is (454 10/23 Fraser-MA) @ 0048 in EE w/"DX Partyline" inc a review of a book abt antennas (444 10/27 Hart-MN)

17890 1200 HCJB: EE: "Keys to Life" w/Pastor Steve Brown (433 11/12 Pennisi-NJ) @ 1530 in EE w/a relig prog (444 10/28 Langlois FL)

DX Partline host Rich McVicar sends us an updated list of "What's on in Ecuador" including the following stations not reported here this month. 3220 HCJB @ 1111 on 10/22 in Quechua, 3270 Ecos del Oriente @ 1112; 3280 La Voz del Napo @ 1115; 3351 Radio Cumandá, 3395 R. Zaracay @ 1118 on 10/22; 4212 R. Tucubén (Rich suggests we try for this one at around 1100 UTC which is local sunrise) 4271 R. Gonzanamá 0331 on 9/22; 4795 La Voz de los Cáras @ 0014 on 10/23; heard regularly lately. 4840 R. Interoceánica @ 0011 on 10/23; 4950 R. Baháí @ 2308* w/strong carrier, weak modulation; on 4960 R. Federación Shuar @ 0009 in local Indian lang, heard on 10/23 regular sked; always an excellent signal; 5050 Emisora Jesús del Gran Poder @ 1154 on 10/23; 5965 La Voz del Upano @ 0004 on 10/23; 6000 Voz del Upano @ 1155 on 10/23 15295 Radio Nacional del Ecuador (via HCJB) Rich reminds us the SS lang prog "Cartas Para Los Ecuatorianos Ausentes" is on each day from 1730-1800 UTC. Reception reports, accompanied by 1 IRC, can be sent to DX Partyline, c/o HCJB, Casilla 691, Quito, Ecuador, South America. Thank you for all of that information, Rich! See you next Saturday, on the radio.

FRENCH GUIANA

9685 2200 R. Japan: JJ: M reading nx in JJ (222 10/22 Findlater CA)
 9715 2300 RFI: FF: W hosts prog of pop mx & nx (222 10/12 Findlater)
 11670 0030 RFI: FF: Song 'I Want it All...Right Now!"; nx abt France
 (545 10/16 B Robinson-TN)
 11685 0416 R. Beijing: EE: A report abt reduced profit for state owned
 stores (544 10/29 Brown-IL)
 15325 0302 R. Japan: EE: Nx inc Castro's Cuba declares it has an obliga-
 tion to continue communism (444 10/10 Brown-IL)

GUATEMALA

3300 1003 R. Cultural: SS: ID; tx; vocal mx inc some pretty corny ones
 w/horse whinnies & hoof clops (343 10/12 Thompson-CA) @ 0356
 in EE w/address, ID & mx; into SS tx (222 9/30 Hart-MN)
 3325 1030 R. Maya: SS: Relig prog w/vocal & orchestral mx..."Let Us Have
 a Little Talk with Jesus..." (545 11/0/17 B Robinson-TN)
 3370 1105 R. Tezulutlán: SS: ID; M anncr w/pres nx; ID (353 10/19
 B Robinson-UT)
 3380 1128 R. Chortis: SS: Mx; ID @ 2230; into waltz-like mx; tx in SS
 (333 10/18 Hart-MN)
 4800 0325 R. Buenas Nuevas: SS: Sign off anmts inc ID & station address
 (333 10/10 Johnson-TN)
 4835 0130 R. Tezulutlán: SS: Mx; tx in SS w/ments of Guatemala (333
 10/20 Hart-MN) @ 1102 in vern w/M tx abt Jesus & Catholic
 Church--Indian lang w/borrowed SS words (454 10/22 Wakefield)
 5918.7 1230 Union Radio: SS: Lots of inspirational music (333 10/6
 Hankison-KS)

GUYANA

5950.2 0900 GBC: EE: International nx; into US pop mx w/M anncr (433
 10/1 Evanchuck-OH) on 5950.3 in EE w/ID as "Voice of Guyana...
 it's 6:30"; ad for a General Store in Georgetown selling motor-
 cycles; relig tx; killed by WYFR 0946* (242 10/16 Westenhaver)

HONDURAS

4820 0411 LV Evangélica: EE/SS: Sermon in both SS & EE abt The Resur-
 rection & different Biblical passages (333 10/30 Brown IL)

MEXICO

2390 1159 R. Huayacocotla: SS: ID by M; Lat Am mx (333 10/8 Hankison KS)
 6009.9 0429 R. Mil: SS: Lots of SS pop mx w/lots of IDs & Ford Auto-
 craft ads (434 11/6 Carson-OK) @ 0336 in SS w/slow ballad mx &
 "R. Mil" IDs (322 10/19 Wakefield-IA) on 6010 in SS w/popular
 mx prog hosted by M (333 10/6 Hanksison-KS)
 6195 1250 R. Educación: SS: Ranchero mx; pop mx; feature abt pollution
 in Mexico City (242 10/12 Meinhardt-IL) @ 1100 in SS w/IDs; mx
 "Two Guitars" & "Come Back to Sorrento" (555 11/2 Robinson TN)

PARAGUAY

6024.9 2320 R. Nacional: SS: Organ mx; ID @ 2327; into tx in SS (322
 10/22 Hart-MN)

PERU

3340 1008 R. Altura: SS: Booming signal! M w/IDs & ments of local towns
 etc. (454 10/27 D'Angelo-PA) (Huffaker-Mexico)
 4790 0900 R. Atlántida: SS: S/on w/NA; ID "Esta es R. Atlántida" into
 flute mx (333 10/9 Fisher-MA)
 4880 1009 R. Nuevo Mundo: SS: Peruvian mx; lot of tx inc greetings to
 people by name; a reference to "Radio Uno" in the 5:24 am TC
 (322 10/18 Huffaker-Mexico)
 4915 1030 R. Cora: SS: "Huy buenos dias...Cora"; band mx & nx (444
 10/10 B Robinson-TN) @ 1053 in SS signing on with NA, prayer
 for those living in the streets of Lima, a reminder that it
 is a Holy Day of Obligation (Señor de los Miragros) (544 10/18
 Huffaker-Mexico)
 5039 1023 R. Libertad: SS: Prog of Peruvian vocal mx; ID @ 1033
 (252 10/26 D'Angelo-PA)
 5097 0828 R. Eco: SS: After RTTY disappeared this Peruvian boomed in
 w/nice mx; freq "Eco" IDs (322 10/27 D'Angelo-PA)
 5995 0945 R. Melodia: SS: Lovely Peruvian vocals; 1000 ID by W (33
 10/27 D'Angelo-PA)
 6188 0925 R. Oriente: SS: Orchestral NA @ 0928 followed by W w/ID &
 s/on anmts; TC & tx (343 10/27 D'Angelo-PA)
 6192 1019 R. Cuzco: SS: Great selections of huaynos; ID by M @ 1027
 (252 20/27 D'Angelo-PA)

PIRATES, CLANDESTINES & UNIDs

7415 0026 Action Radio: EE: Rock mx; ID "You are Tuned to Action Radio" (222 10/13 Fisher-MA)
 7417 0036 R. USA: EE: "Ad" for Pirate Radio swimsuit calendar; ID; editorial from "Mr. Blue Sky" (343 10/14 Karcheski-MA)
 7417 0048 WQRP: EE: Calling R. USA for a QSO on 7417; 0055* (343 10/14 Karcheski-MA)
 9965 0146 R. Caiman: SS: M w/station ID & tx abt Cuba & the Soviets (444 10/23 Bellovich-FL)
 15049u 1818 Voice of Laryngitis: EE: Parodies; tx; IDs 1836* (454 10/6 Karcheski-MA)

UNITED STATES OF AMERICA

1620 0103 Experimental Station KHAU: EE: Test loop annmt 'as authorized by the FCC'; (? 10/27 D'Angelo-PA)
 5950 0200 VOFC: EE: Taiwanese mx; tx abt temples in Taiwan (545 10/20 Bellovich-FL)
 7315 0401 Croatian Radio via WHRI: EE: Nx abt the conflict (444 10/5 Bagozzi-CA)
 7355 0127 WRNO: EE: Trump Plaza ad into "Let's Talk Sports" (444 11/4 Carson-OK)
 7435 0315 WWCR: EE: "World of Radio" #615; into "Signals" communications prog (444 10/13 Berri-CA)
 9465 0434 WMLK: EE: Relig prog along w/some mx (222 10/21 Evanchuck OH)
 9615 0800 KGEI: SS: Nx inc Brazil devalues the Cruzeiro by 12% (444 10/1 Meinhardt-IL)
 9785 0310 KVOH: EE: Religious readings (332 10/9 Babin-MA)
 9852 2222 VOFC: EE: W w/tx abt war being useless; science & technology feature (422 10/14 Cichorek-NJ)
 11830 0015 Voice of the OAS: SS: Argentine mx; report on women's rights (444 10/24 Meinhardt-IL)
 11890 2107 VOA: Creole: M w/nx in Creole abt the crisis in Haiti (555 10/11 A Jones-TN)
 12160 2300 WWCR: EE: "World of Radio" #618 inc nx abt medium wave test transmissions and VOA Bethany relay problems (544 11/8 Carson)
 13760 1335 WSHB: EE: Mystery PC writer to "Letterbox" (343 10/15 Neff)
 13770 2000 WSHB: EE: W annr w/nx abt Nobel prize winners (444 10/16 Langlois-FL)
 15580 1731 VOA: EE: Feature abt the life and times of Tennessee Ernie Ford inc a few songs (555 10/25 Levison-PA)
 15590 2300 KTBN: EE: ID followed by an interview w/former gang member Nicky Cruz (555 10/21 Brewer-KS)
 21640 1845 WCNS: EE: "Monitoradio" prog w/segments abt US N Korea soccer match played in Washington--the Juche inspired Koreans won 2-1! (343 10/21 Westenhaver-PQ) @ 1700 in EE w/ID inc Maine transmitter site & prog sked into nx (444 10/31 Cichorek-NJ)

URUGUAY

11835.7 0835 R. El Espectador: SS: Lat Am mx; ads; jingles; promos hosted by informal M annr; repeated "Espectador" IDs @ 0900, along w/promos. Best in USB (232 10/27 George-MA)

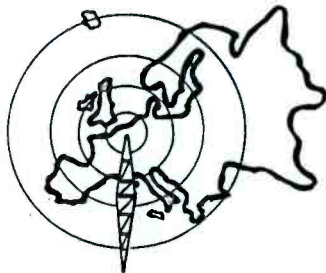
VENEZUELA

4840 0035 R. Valera: SS: Lots of Lat Am mx (433 10/11 Bishop-NY)
 4850 0155 R. Capital: SS: Very soothing vocal mx; ID (332 10/14 A Jones-TN) on 4850 in SS @ 0250 w/Willie Nelson song "You Were Always on My Mind" (333 10/2 Johnson-IL)
 4939.6 0325 R. Continental: SS: Modern Lat Am vocals (similar to US EZL pop mx; "R. Continental" IDs (333 10/1 Johnson-IL) (A Jones)
 4980 0129 Ecos del Torbes: SS: SS pop mx; full IDE "The World Today" prog (444 10/17 Karcheski-MA) @ 0055 in SS w/Lat Am rap music (nice vocals) IDs; PSAs (433 11/2 Cichorek-NJ)
 9540 1157 R. Nacional: EE: Marty Delfin gives details of broadcasts in EE (343 10/19 Neff-FL)
 9660 0152 R. Rumbos: SS: Lat Am mx; "RRRadio RRRumbos" distinctive IDs (233 10/29 Scott-CA) @ 0250 in SS w/LA mx; "R. RRRRRumbos" IDs (I wish R. Nacional were as loud & clear) (444 10/12 Millard)

FILL THAT GAP! Another busy month, but we'll have to wait and see what next month's column looks after a couple of days with an "A" index of 100 or more. Thanks to Universal Radio's soldering iron whiz Wayne Jones for the fast turn around time and all around nice job of putting two new Collins filters in my radio. Isn't it amazing how so many people in the business end of our hobby are such nice people?...until next month, remember to have fun with your radio!

73s and good DX *elm*

EUROPE



BOB COLYARD
84 HARRISON AVE
BRICK, NJ 08724

Hello! A nice column this month. Everybody's done a great job, even with the Euro-pirate loggings. Thanks one and all for the support!
How many "Letter From..." type programs are there on the airwaves? (How about "Letter From America"! Well, That's Your assignment for next month.

ALBANIA

Radio Tirana

9500 2012 RT: FF: "Ici Tirana"; then y1 w/talk on cultural matters, including a new dictionary for Albanian. (232 11/2 WW-PQ)
7185 *2300 RT: PP: Sked & freq anmts, some given in Brazilian time. Does this mean broadcasts to Latin Am are back? (222 10/6 WW-PQ)
7215 2236 RT: EE: //9725(311); Mx bridge and into "Answering Questions". Clobbered by co-ch Radio Dubai, who recently moved here from 13605. Really dumb on their part, for both. (211 11/15 BC-NJ)

AUSTRIA

Radio Austria Int'l

9870 0130 ORF: EE: Talking about the growth of anti-semitism. (333 10/24 Jones-TN) Austrian & int'l news. (555 10/9 Trescher-PA)
2228 ORF: SS: IS to 2230; into presumed news. (333 10/14 Cichorek)
13730 0030 ORF: PP: Music of Gustav Mahler. (555 10/18 Robinson-TN)
0150 ORF: EE: Talking to people about how shortwave has helped them learn more about Austria. (433 10/21 Bishop-NY)
2222 ORF: GG: Program about Pavarotti. (555 10/13 Babin-MA)
21490 *1630 ORF: FF: //13730; FF to Africa. (444 10/14 Karcheski-MA)

BELGIUM

Belgische Radio en Televisie

13710 0030 BRT: EE: "P.O. Box 26" & "Music of Flanders". (555 10/19 Card)
2230 BRT: FF: Social & economic nx of Belgium. (555 10/16 Robinson)
2330 BRT: EE: "P.O. Box 26" & "Music of Flanders". (555 9/15 Card)
15515 2200 BRT: EE: IS, ID, OM w/news. 2225* (222 10/12 Findlater-CA)
21460 1231 RTBF: FF: IS to 1239 then ID by YL, lite classical music & OM w/talk. (fair 10/17 Famularo-JP)
21810 1400 BRT: EE: Music ID & nx. (444 10/12 Brown) (333 10/30 Cichorek) @1409: "Radio World" w/USSR updates. (353 10/21 Neff-FL)

BULGARIA

Radio Sofia

9560_{nf} 2045 RS: EE: IS, ID & freq anmts. Much QRM. (222 11/5 Cichorek-NJ)
11660 0220 RS: Bulgarian: Mid-east sounding mx. (444 10/18 Millard-TX)
2315 RS: EE: "Music from Bulgaria" (334 10/19 Robinson-UT) (454 9/7 Bellovich-FL) (333 10/18 Brown-OH)
11720 2330 RS: EE: //9700, 11660; Comment on Madrid. (222 11/5 Findlater)
11765 0500 RS: EE: On coping with privatization. (333 11/10 Findlater-CA)
17825_{ex} 2315 RS: EE: Pop music & commentary. (444 10/15 Langlois-FL)

RADIO SOFIA in English

0400 - 9595, 11720, 11765
1830 - 6035, 9560, 9700, 11680, 11720, 11735
2045 - 9560, 11680, 11735
2245 - 9595, 9700, 11660, 11680, 11720, 11950

CZECHOSLOVAKIA

Radio Prague Int'l

5930 0319 RPI: EE: //7345; "Stamp Corner" & EZL music. (434 11/6 Carson)
7345 *0000 RPI: EE: News; press review; "Opinion" w/opinions from various people & "Ecology Report". (444 10/11 Levison-PA)
0120 RPI: EE: "Encore" w/various mx selections. (434 11/4 Carson)
0325* RPI: EE: Sign off anmts, music and IS. (444 10/9 Babin-MA)
9540 0015 RPI: EE: "Mailbag" w/letter and pictures from Betsy Robinson. Bill Bathurst said: nice picture of her. (444 11/14 BC-NJ) Which picture was it had the tattoos? Hi Hi! Axl Rose eh!
9605 2100 RPI: EE: Om w/news. 2130* (222 11/6 Findlater-CA)
11685 0006 RPI: EE: Comments on buying Czech property. (10/13 Rude-WI)
11990 0010 RPI: EE: Feature on southern bohemian town founded by Hussites in 1420, 100 km south of Prague. (222 10/11 Meinhardt-IL) 19
Curbing the drug trade in Czechoslovakia. (444 10/8 WW-PQ)

EURO-PIRATE

- 6205 0226 Radio Fax: EE: DJ w/70s music program, freq amnt & address.
(323 9/22 Karcheski-MA)
- 6205.1 0337 Radio Fax: 70s rock music; frequent IDs; Ads for R. Caroline
tapes and Philips "777 shortwave radio...". //12255 (extreme
QRM from SS station on 12258 usb.) (253 9/22 Hardester-NC)
- 6261 0315 Northern Ireland Relay Svc: EE: Pop music, parodies, IDs &
power of 100 watts. (353 9/22 Karcheski-MA)
- 6261.5 0448 Northern Ireland Relay Svc: EE: Requests for "your reception
reports on the telephone are also welcome." "Northern Ireland
Relay Svc, while others sleep, we keep on rockin". QRM de
RTTY station on 6263. (333 9/22 Hardester-NC)
- 6262 0700 Radio Mi Amigo Int'l: EE: ID by OM: "This is Radio Mi Amigo
Int'l on shortwave". Mailing address in Germany. Very weak
signal. (222 10/13 Fisher-MA)
- 6305 0413 Radio Harmony (presumed): EE: No IDs or anmts; continuous top
40 material from the 70s & 80s. The Boss, Michael Jackson,
Barry Manilow, Linda Ronstadt. (252 10/20 D'Angelo-PA)
- 2344 Radio Harmony: EE: 1940s/50s music, IDs, address in Texas;
Ads for T-shirts. QRM'd at 0004 by co-ch RTTY station.
(3-242 9/22 Karcheski-MA)
- 15043 0214 Weekend Music Radio: EE: //6240; ID, address, tel #, etc...;
listeners letters & music; AD for "Pirate Chat" magazine.
(444 9/22 Karcheski-MA) 9/22, a great night for Pirates. -BC

FINLAND

Radio Finland

- 9560 0702 RF: Finnish: Newscast w/"taala Helsinki" ID.. This freq has
English news @0730. Faint co-ch QRM. (343 10/11 Westenhaver)
- 15400 1240 RF: EE: Economic news & Press review. (444 10/21 Bellovich-FL)
- 1345 RF: EE: Wx & talk of Finnish history. (555 10/26 Jones-TN)
- 1446 RF: EE: Talk on Finnish tourism & music. (333 11/2 Brown-IL)
- 15440 1515 RF: EE: News & comments from Finnish press. (232 10/15 WW-PQ)

FRANCE

Radio France Int'l

- 9800 0145 RFI: SS: Correo Del Oyente: Dedicated to memory of announcer
Gustavo Morales - recently deceased. (443 10/13 Meinhardt-IL)
- 17620 0018 RFI: SS: YL w/news & OM correspondent talking about "Thomas".
(544 10/15 Wolfson-OH)
- 1631 RFI: EE: "Counterpoint" w/interviews & report on human rights
in Northern Ireland. (544 10/16 Fraser-MA) Economic and
democratic perspective on Africa. (355 10/23 Jones-TN)
- 21635 1240 RFI: EE: "Club 9516" listener response show, w/their usual
devilishly hard "Newsquiz". (444 10/13 Westenhaver-PQ)
- 21770 1400 RFI: EE: News about the hostage release. (422 10/22 Brown-IL)
"Press Review" focusing on peace talks. (333 10/30 Cichorek)

GERMANY

Deutsche Welle Voice of America

- 3995 0515 DW: GG: OM w/news feature. (444 11/3 Reese-DE)
- 2310 DW: GG: OM w/talk. (432 10/10 Bishop-NY) I stick to the mx. BC
- 6060 0535 VOA: EE: "VOA Sunday Morning". (222 11/2 Brown-IL)
- 6120 0531 DW: EE: "Nickelodeon" & "German By Radio". (333 11/2 Brown-IL)
- 9640 0330 DW: EE: "European Journal", on refugee laws. (333 10/18 Brown)
- 9765 *2100 DW: EE: World news & "European Journal" (fr 10/10 Famularo-JP)
- 13790 0430 DW: GG: World news. (354 10/6 Babin-MA)
- 17765 1115 DW: EE: To W. Africa; "Newslines Cologne". (333 10/30 WW-PQ)
- 21465 1128 DW: EE: //21600(343); "Newslines Cologne" w/all the Bundesliga
football news; @1132: into "Hello Africa" music request pgm.
(333 10/24 Westenhaver-PQ) (alias WW-PQ)

GREECE

Voice of Greece Radiofonikos Stathmos Makedonias

- 7430_{nf} 2048 RSM: Greek: Light vocals (nifty cover of "Careless Whispers");
"Radiofonikos Stathmos Makedonikas, deftero programma" (2nd
program). (333 11/3 Westenhaver-PQ)
- 9420 0138 VOG: EE: News of Yugoslavia's brutal assault on the Croatian
ancient sites. (353 10/24 Jones-TN)
- 11645 0330 VOG: Greek: Beautiful Greek music. (555 10/6 Babin-MA)
- *0500 VOG: Greek: Orch mx & ID, "Edo Athene". (242 10/19 Wakefield)
- 2240 VOG: EE: YL w/news about Greece. (433 9/26 Babin-MA)
- 12105 2212 VOG: Greek; End of news program. (344 10/13 Babin-MA)

HUNGARY

Radio Budapest

- 9835 *0300 RBH: EE: YL w/news. (333 10/17 Findlater-CA)
- 11910 0305 RBH: EE: OM w/news on Hungarian economic & cultural activities
worldwide, followed by "Press Report" (444 10/13 Kyburz-CO)
- 15220 *1359 RBH: Hungarian: IS & ID, gypsy mx bridge, talk, & more nifty
gypsy mx. Didn't expect them here, now. (243 11/3 WW-PQ)
- 20

ICELAND

Icelandic National Broadcasting Svc

3295 0435 INBS: Icelandic: //9265; US rock & anmts. (333 10/14 George)
 0504 INBS: Icelandic: //9265; light pop music. (242 11/3 Reese-DE)
 9265 0500 INBS: Icelandic: YL w/5 minute news then some strange music.
 ID not decipherable. (222 10/16 Findlater-CA)
 0731 INBS: EE: 3 minute EE int'l newscast. (444 9/24 Evanchuck-OH)
 15770 1436 INBS: Icelandic: //13855, (17440 not heard); OM/YL w/anmts for
 Reykyavik; brief mx bridge & @1446*. (333 10/20 Wakefield-IA)

ITALY

European Christian Radio Radiotelevisione Italiano

6210 0700 ECR: EE: IS & English ID: "This is European Christian Radio".
 Very faint. (222 11/3 Fisher-MA)
 9575 0100 RAI: EE: YL w/news, mostly Italian. (433 10/4 Wolfson-OH)
 Call for referendum for electoral reforms. (555 10/16 Fraser)
 (444 10/15 Brown) Italian singles increasing, living alone
 by choice. "Buena sera from Rome". (555 10/10 Robinson-TN)
 0155 RAI: II: "Un Giorno in Italia"; The problems the Carabinieri
 (Italian police) have with mafia. (222 10/5 Rontanini-FL)
 11800 0101 RAI: EE: //9575; YL w/news about labor unrest and strikes in
 Italy. (434 10/21 Bellovich-FL) (433 Brown-IL) (444 Carson-OK)
 1940 RAI: EE: YL w/news. (222 10/23 Findlater-CA)
 2300 RAI: II: Chamber music. (333 10/20 Millard-TX)
 15245 0150 RAI: II: News: senora Baldi had a heart transplant from woman
 killed in an auto accident; 1 killed & 6 injured in a train
 accident near Montova, Italy. (222 10/16 Rontanini-FL)

MALTA

Deutsche Welle

9515 0100 DW: EE: YL w/news; 0150*. (222 10/16 Findlater-CA)
 9545 1600 DW: GG: OM w/news. (333 11/6 Findlater-CA)
 9765 0612 VOM: EE: OM w/talk. Completely covered by co-ch Radio Moscow.
 May as well forget this till RM moves. (101 11/16 BC-NJ)
 11915 0000 DW: GG: OM w/news. (222 10/21 Findlater-CA)

MONACO

Trans World Radio

9480 0720 TWR: EE: "Insight For Living". (453 10/11 Neff-FL) (Robinson-UT)
 0805 TWR: EE: "The church as the body of Christ" a call for all the
 believers to join churches. (353 10/19 Wakefield)

NETHERLANDS

Radio Netherlands

6020 0050 RN: EE: "Newslines", "Media Network" w/review of NRD535.
 (433 10/10 Brown-IL) "Media Network" (333 9/13 Carson-OK)
 9895 5052 RN: EE: "Mirror Images" on London theater. (322 11/5 Cichorek)
 11660 2030 RN: EE: "Happy Station" w/Tom Meyer. (444 10/20 Fraser-MA)
 13700 2037 RN: EE: News on Algerian voting reform & how Baker worked the
 PLO in the conference. (433 10/18 Brown-IL) "Happy Station"
 w/music from Tom Meyer's own library. (454 10/13 Fraser-MA)
 2218 RN: SS: Pop music program. (444 10/13 Babin-MA)
 13770 1509 RN: EE: "Media Network" w/Drake R-8 review. (544 9/19 Carson)
 17580^{nf} 1450 RN: EE: //13700, 13770; "Media Network". (333 11/21 BC-NJ)
 17605^{nf} 1832 RN: EE: African Svc: OM w/world news and talk on human rights
 in Africa. (524 10/19 Bellovich-FL)
 21745 1345 RN: Dutch: //21480, 17575, 11955; Business outlook in Holland.
 (343 10/22 Wakefield-IA)

NORWAY

Radio Denmark Radio Norway Int'l

9590 2100 RNI: Norwegian: OM w/news. (333 11/7 Findlater-CA)
 9605 0200 RNI: EE: News & Norwegian rock music. (322 11/3 Brown-IL)
 9645 0301 RNI: EE: "Norway Today" & tlk about unions. (323 10/28 Carson)
 2345 RD: Danish: Two OM w/dialog. (444 10/12 Findlater-CA)
 15220 1900 RNI: EE: News & talk on the failure of Norway's 2nd largest
 bank. (555 10/19 Bellovich-FL) //17730. (333 10/23 Findlater)
 21710 1352 RD: Danish: Talk on the Yugoslav war; many anmts for "Dansk" &
 "Danmark". (444 10/21 Wakefield-IA)

POLAND

Radio Polonia

7270 2043 RP: EE: "DX Club" program w/reports. (211 11/19 Colyard-NJ)
 2249 RP: EE: Bank of Poland to raise value of Polish currency &
 "Invent in Poland" project. (322 10/14 Cichorek-NJ)

PORTUGAL

Deutsche Welle Radio Portugal Radio Renascenca

7270 0600 DW: Polish: OM w/news. (222 10/23 Findlater-CA)
 9555 0231 RDP: EE: News, sports & weather. (433 10/14 Brown-IL)
 //9705; Portuguese folk music; 0300*. (333 10/31 Carson-OK)
 2200 RDP: PP: YL w/talk & accordian music. (222 10/29 Findlater-CA)
 9575 *1330 R. Renascenca: Arabic: IS, ID & pgm. (222 10/26 Hankison-KS)
 9680 0100 Radio Liberty: Azerbaijani: OM talk. (222 10/18 Findlater-CA)

PORTUGAL IBRA Radio RFE/RL Radio Portugal continued

9705 0230 RDP: EE: //9555; News; talk on 17th century female painter.
(333 10/18 Bellovich-FL)

*0400 Radio Liberty: Belorussian: "R. Svoboda" (333 10/5 Findlater)

9725 0500 RFE: Romanian: "Radio Svobodna". (333 11/6 Findlater-CA)

11700 2030 IBRA Radio: AA: Multi-lingual IDs, incl EE, IS; YL w/talk.
(fair 10/10 Famularo-JP)

15250 *2100 RDP: EE: Back on this freq, ex-17740. AARGH! (333 11/19 BC-NJ)

21515 *1630 RDP: EE: New time, ex-1600ut. I told you so! (333 11/19 BC)

1830 RDP: PP: Anncr w/PP music pgm. 2000* (333 10/10 Findlater-CA)

21655_{nf} 2203 RDP: PP: Comment on futbol match, ID & news during halftime.
Clear channel but QRN. (333 10/19 Westenhaver-PQ)

Some times for RADIO ROMANIA INT'L in English

0200-0300	5990, 6155, 9510, 9570, 11830, 11940
0400-0430	5990, 6155, 9510, 9570, 11830, 11940
1200-1230	17720, 15365, 15340
1300-1400	11940, 15365, 17720, 21665
1500-1530	11775, 11940, 15250, 15335, 17720, 17745
1730-1800	11790, 15340, 15365, 17720
1930-2030	5990, 6105, 7145, 7195, 9690
2100-2130	5990, 6105, 7145, 7195

SPAIN Radio Exterior de Espana Spanish National Radio

9530_{nf} 0140 SFR: EE: Talk about Chilean pavilion at 1992 Seville World's Fair.. It'll have 100-ton Antarctic iceberg. RMI in SS co-ch, Marti-9525 splash. Why did they move? (433 11/4 Westenhaver)

0500 SFR: EE: "Sports Roundup"; co-ch QRM. (333 11/11 Findlater-CA)

9630_{ex} 0000 SFR: EE: Nx, press review & "Panorama" (453 10/9 Meinhardt-IL)
(545 10/25 Bishop-NY) (444 10/15 Brown-IL)

0120 SFR: EE: Flamenco guitar mx. (544 10/13 Kyburz-CO) "Seville: home of the guitar" (555 10/18 Robinson-TN) "DX Spot" w/talk on Radio Miami Int'l & longwave DX. (433 10/5 Rontanini-FL) Tribute to composer Joaquim Rodrigo. (545 10/12 Fraser-MA)

0513 SFR: EE: News: EC gives Yugoslavia food. (454 10/12 Brewer-KS)

15110 2000 REE: SS: King & Queen of Spain to visit USA at Camp David; 17 fishermen missing in Atlantic. (444 10/3 Rontanini-FL)

17715 0300 REE: SS: OM w/news. QRM de co-ch VOA. (222 10/12 Findlater-CA)

21570 1400 REE: SS: King Don Juan is in Canada to receive an honorary degree, in US to speak before OAS. (353 10/10 Meinhardt-IL)

1720 REE: SS: Sports about European football. (433 10/15 Rontanini)

SWEDEN Radio Sweden

11705 0000 RS: SS: News of the social democrats. (555 10/16 Robinson-TN)

0200 RS: EE: //9695; News on Banking crisis in Nordic countries.
(545 10/18 Bellovich-FL) Questions & answers in regards to sexual harassment in Sweden. (444 10/25 Levison-PA)

2340 RS: EE: "Media Scan" on Telecom '91. (333 10/15 Brown-IL)

17740 1336 RS: EE: News about a Danish man in prison for drug smuggling in Thailand. (322 10/30 Cichorek-NJ) The Nordic nations relationship with the USSR. (222 10/12 Brown-IL)

17870 1536 RS: EE: Tobacco use in Sweden. (444 11/13 Pennisi-NJ)
List of contest prize winners. (544 10/7 Neff-FL)

21500 *1530 RS: EE: "Sounds Nordic" rock music pgm. (545 10/14 Kyburz-CO)
New Swedish opera directed by Ingmar Bergman w/song about "Greek god of orgies". (555 11/3 Robinson-TN) XXX rated? BC

SWITZERLAND Swiss Radio Int'l

3985 0622 SRI: FF: OM w/news. (555 10/20 Reese-DE)

6135 0200 SRI: EE: Alpine music & nx about Thomas. (433 10/15 Brown-IL)

6165 0700 SRI: EE: Nx on Pope's visit to Brazil. (444 10/14 Meinhardt)

0730 SRI: EE: Commentary on Madrid peace talks. (333 11/1 Cichorek)

6190 2240 SRI: EE: "Swiss SW Merry-go-round". (433 10/26 Brown-IL)

9535 2020 SRI: EE: Talk about Swiss politics. (533 10/14 Babin-MA)

9650 0200 SRI: EE: Conference on Yugoslav fighting. (444 10/24 Brown-IL)

*0645 SRI: EE: Anmt of //13685, 17670, 21695. (222 11/1 Findlater)

9885 0130 SRI: II: News, sports & weather. (444 10/5 Rontanini-FL)

12035 0200 SRI: EE: News: Baker talks w/Palstinians. (444 10/16 Brown)

0400 SRI: EE: World news. (433 10/6 Babin-MA)

13635 1113 SRI: EE: "Grapevine" on making schnapps. (222 10/27 Brown-IL)

13685 0905 SRI: GG: Full ID and Alpine music. (333 10/3 Millard-TX)

15525 2100 SRI: EE: News about the Yugoslavian war. (322 10/24 Brown-IL)

21630 1530 SRI: EE: "Attention! The Swiss gov't recommends that all Swiss citizens leave Zaire". (433 10/24 Brown-IL)

21695 1342 SRI: EE: //17830(covered by RM); Interview w/editor on Swiss politics. (454 10/14 Wakefield-IA)

UNITED KINGDOM

British Broadcasting Corp

7125 2155 BBC: EE: "English By Radio" w/travel phrases. (322 11/3 Brown)
 7325 0123 BBC: EE: Counseling people on death row. (434 11/2 Cichorek)
 9580 0730 VOA: AA: OM w/news; 0800*. (222 10/11 Findlater-CA)
 9760 2015 VOA: EE: "Music USA" w/progressive jazz. (545 10/16 Fraser-MA)
 9915 2255 BBC: EE: "Sports Roundup" w/world cup rugby. (444 10/17 Brown)
 15070 1645 BBC: EE: A report that Cook Islanders may have visited South
 America about 900 A.D.. (454 10/18 Fraser-MA)
 17640 1340 BBC: EE: "Newshour" on peace process & PLO. (333 10/12 Brown)

VATICAN CITY

Vatican Radio

7305 0257 VR: EE: A discussion of today's gospel. (333 10/12 Brown-IL)
 9605 0030 VR: PP: "commentario para Brasil". (555 10/18 Robinson-TN)
 9755 *0708 VR: ??: IS to 0715, then mass. (333 11/2 Findlater-CA)
 11830 2250 VR: EE: "Pilgrim City" on Vatican pilgrims. (fr 10/9 Famularo)

YUGOSLAVIA

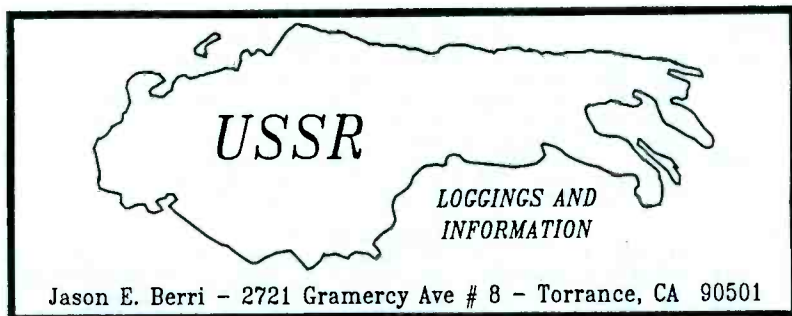
Croatian Radio Radio Yugoslavia

9505 2202 RY: EE: //6100; Talk on European nationalism. (444 11/2 WW-PQ)
 9550 0252 RY: EE: "P.O. Box 200"; RY dropped II/Greek/Bulgarian/Albanian
 Bcasts; then into "Radio Hams Corner". (343 11/3 Westenhaver)
 9830 0140 CR: Croatian: DJ w/music like Greek music. (333 11/3 Reese-DE)
 0325 CR: Croatian: Pop mx, Time pips @0330; OM w/ID: "Croatia Radio
 Studio Zagreb"; more pop mx. Fair to poor. (222 10/23 Fisher)
 17740 1230 RY: EE: "Federal shortwave station"; nx on crisis in Croatia.
 (545 11/2 Robinson-TN) (434 10/22 Bellovich-FL)

BBC "ENGLISH BY RADIO" SERVICE - W91

(tnx VOA-bbs)

kHz	UTC	Days	Site	kw	Svc	kHz	UTC	Days	Site	kw	Svc
6195	0030-0045	mtwtfss	KRAN	125	AS	21745	1230-1300	mtwtfss	RAMP	500	EUR
9570	0030-0045	mtwtfss	KRAN	100	AS	11860	1400-1430	mtwtfss	SEYC	250	AF
11945	0030-0045	mtwtfss	HONG	250	AS	15420	1400-1430	mtwtfss	SEYC	250	AF
15280	0030-0045	mtwtfss	KRAN	100	AS	21490	1400-1430	mtwtfss	ASCE	250	AF
17830	0030-0100	mtwtfss	HONG	250	AS	7180	1415-1445	mtwtf..	HONG	250	AS
21715	0045-0100	mtwtfss	HONG	250	AS	9740	1415-1445	mtwtf..	KRAN	125	AS
11850	0230-0245	mtwtfss	MASI	100	AS	11820	1415-1445	mtwtf..	HONG	250	AS
17790	0230-0245	mtwtfss	MASI	100	AS	7105	1530-1545	mtwtf..	KRAN	100	AS
15380	0230-0245	mtwtfss	KRAN	250	AS	9680	1530-1545	mtwtf..	KRAN	250	AS
11850	0245-0300	.....s	KRAN	100	AS	11955	1530-1545	mtwtf..	KRAN	250	AS
15380	0245-0300	.....s	KRAN	250	AS	6190	1645-1700	mtwtf..s	LESO	100	AF
17790	0245-0300	.....s	MASI	100	AS	9825	1645-1700	mtwtfss	RAMP	500	EUR
11730	0300-0315	mtwtfss	SEYC	250	AF	11845	1645-1700	mtwtfss	CYPR	250	EUR
11845	0300-0315	mtwtfss	CYPR	250	AF	5975	1700-1715	.....ss	KRAN	250	AS
15235	0300-0315	mtwtfss	MASI	100	AF	7215	1700-1715	.....ss	KRAN	100	AS
6050	0530-0545	mtwtfss	CYPR	250	EUR	9605	1700-1715	.....ss	KRAN	250	AS
7210	0530-0545	mtwtfss	RAMP	500	EUR	11750	1700-1715	.....ss	KRAN	250	AS
9750	0530-0545	mtwtfss	DAVE	300	EUR	15360	1700-1715	.....ss	MASI	100	AS
7105	0630-0645	mtwtfss	ASCE	250	AF	6125	1700-1730	mtwtfss	SKEL	250	EUR
9610	0630-0645	mtwtfss	ASCE	250	AF	7155	1700-1730	mtwtfss	SKEL	250	EUR
11780	0630-0645	mtwtfss	ASCE	250	AF	6190	1945-2000	.....s.	LESO	100	AF
5875	0645-0700	mtwtfss	RAMP	500	EUR	6125	2130-2200	mtwtfss	CYPR	250	EUR
7260	0645-0700	mtwtfss	RAMP	500	EUR	7125	2130-2200	mtwtfss	DAVE	300	EUR
15325	0645-0700	mtwtfss	CYPR	250	EUR	9770	2130-2200	mtwtfss	CYPR	250	EUR
11860	0715-0730	mtwtfss	ASCE	250	AF	5875	2145-2200	mtwtfss	SKEL	300	AF
15105	0715-0730	mtwtfss	ASCE	250	AF	6080	2145-2200	mtwtfss	KRAN	250	AS
7295	0730-0745	mtwtfss	RAMP	500	EUR	7150	2145-2200	mtwtfss	RAMP	500	AF
9825	0730-0745	mtwtfss	RAMP	500	EUR	7160	2145-2200	mtwtfss	KRAN	250	AS
6010	0730-0745	mtwtfss	SKEL	250	EUR	9580	2145-2200	mtwtfss	KRAN	100	AS
7180	0915-1000	mtwtfss	HONG	250	AS	11680	2145-2200	mtwtfss	SKEL	300	AF
11765	0915-1000	mtwtfss	HONG	250	AS	7180	2200-2230	mtwtfss	HONG	250	AS
15360	0915-1000	mtwtfss	KRAN	100	AS	11945	2200-2230	mtwtfss	HONG	250	AS
11955	0915-1000	mtwtfss	KRAN	250	AS	3915	2230-2245	mtwtfss	KRAN	100	AS
15190	1130-1145	mtwtfss	ASCE	250	LAM	6080	2230-2245	mtwtfss	KRAN	100	AS
21490	1130-1145	mtwtfss	ASCE	250	LAM	7160	2230-2245	mtwtfss	KRAN	250	AS
9580	1200-1215	mtwtfss	KRAN	100	AS	6110	2315-2330	mtwtfss	ANTI	250	LAM
11920	1200-1215	mtwtfss	KRAN	100	AS	9560	2315-2330	mtwtfss	ASCE	250	LAM
6125	1215-1230	.....s	DAVE	300	EUR	9825	2315-2330	mtwtfss	RAMP	500	LAM
6125	1230-1300	mtwtfss	DAVE	300	EUR	11765	2315-2330	mtwtfss	ASCE	250	LAM
9600	1230-1300	mtwtfss	DAVE	300	EUR	15390	2315-2330	mtwtfss	ASCE	250	LAM
9635	1230-1300	mtwtfss	RAMP	500	EUR	6080	2330-2345	mtwtfss	KRAN	100	AS
11680	1230-1300	mtwtfss	SKEL	250	EUR	7160	2330-2345	mtwtfss	KRAN	250	AS
11710	1230-1300	mtwtfss	CYPR	250	EUR	11865	2330-2345	mtwtfss	KRAN	250	AS
11845	1230-1300	mtwtfss	CYPR	250	EUR	5875	2345-2400	mtwtfss	RAMP	500	LAM
15115	1230-1300	mtwtfss	RAMP	500	EUR	6110	2345-2400	mtwtfss	ANTI	125	LAM
15115	1230-1300	mtwtfss	SKEL	250	EUR	6110	2345-2400	mtwtfss	ASCE	250	LAM
17695	1230-1300	mtwtfss	RAMP	500	EUR	11765	2345-2400	mtwtfss	ASCE	250	LAM
17780	1230-1300	mtwtfss	RAMP	500	EUR	15390	2345-2400	mtwtfss	ASCE	250	LAM



USSR	Radio Moscow	Radio Kiev	Radio Tashkent	Radio Vilnius	Radio Yerevan
4635	0050		<u>R. Dushanbe</u> -Dushanbe: RR/Vern: near eastern mx, chimes @ 0057, clear ID by W "Inja Dushanbe" @ 0100, into RR tik, then Farsi-like lang. (232 10/31 George-MA)		
4745t	0820		<u>RM</u> : RR: RR tik, belleve "Mayak" pgm (xmitter slte?) (323 10/31 Millard-TX)		
4810	2125		<u>RY</u> -Yerevan: Armenia: classical mx, M anc (242 11/2 Reese-DE) (Findlater-CA)		
4825	0438		<u>R. Turkmen</u> -Ashkhabad: GG/RR: mx, ID w/ freqs, W w/ folksong, Balalika mx (322 11/8 Foster-NC)		
4850	0110		<u>RT</u> -Tashkent: RR: end of nx, Tashkent ID, classical mx (232 9/29 Babin-MA)		
4931	2349		<u>RM (DS2)</u> : RR: classical mx (221 10/24 Bishop-NY)		
5905	0644		<u>RM</u> : EE: Jazz mx pgm, freq. anmt @ 0659, IS, ID @ 0700, M nx (444 11/9 -ed)		
6055t	2256		<u>R. Ala</u> : RR: folk ballads by W, IS @ 2258, QRM de DW, || 5040 (per tip on ANARC net) (434 10/13 Karcheski-MA) (This is a new station, see Schedules below. -ed)		
7115	0100		<u>RM</u> : EE: IS, ID, M nx, poor (222 11/4 Findlater-CA) (This used to be via Plovdiv, Bulgaria. Anyone know if the relay is still active? -ed)		
7170	2223		<u>R. Beijing</u> : EE: ID, "Current Affairs" on China's view of trade problems w/ U.S., some ARO QRM (333 11/7 Westenhaver-QU)		
7175	0800		<u>RM</u> : EE: ID, W w/ classical mx pgm, 0900" (333 11/3 Findlater-CA)		
7195	2227		<u>RM</u> : CC: M tik, "Moscow Nights" mx bridge, M/W dialogue, IS @ 2259, "Mosuko guangbo dliant" ID & s/on routine (222 11/7 Westenhaver-QU)		
7240	2138		<u>RM</u> : EE: "British Hour" w/ current affairs briefs - e.g. Soviet ban on Nuclear tests, || 7170 (444 11/3 Westenhaver-QU) (Levison-PA)		
7320	0400		<u>R. Magadan</u> -Yakutsk: RR: anc w/ RR vocals, poor (222 10/25 Findlater-CA)		
7360	2040		<u>RM</u> -Krasnodar: GG: M hosting Jazz pgm, ID @ 2058 (444 11/3 Westenhaver-QU)		
7370	2235		<u>RM</u> : PP: cover of Chuck Berry song w/ address for mx requests, "Sintonizam R. Moscow" ID @ 2239, then M/W tik, slight QSB (444 11/3 Westenhaver-QU)		
7400	2232		<u>RK</u> : EE: "Open Studio" pgm w/ tik abt 1917 October Revolution (444 11/7 Westenhaver-QU)		
9470	0500		<u>RM</u> -Ulyanovsk: SS: IS, ID, M nx (333 11/7 Findlater-CA)		
9505	0700		<u>RM</u> : EE: M nx, cmtry on why USSR must turn to Group of 7 to help w/ Russian foreign debt (444 11/4 Findlater-CA)		
9530	0528		<u>RM</u> : EE: M advertsing t-shirts w/ RM logo! (333 10/12 Brewer-KS)		
9540	1224		<u>RT</u> -Tashkent: EE: central asian style W vocal, ID/closing anmt @ 1227 (243 11/7 Westenhaver-QU)		
9635	1700		<u>RM</u> : EE: W nx, "Africa This Week", || 9640, 9655 (333 10/19 Findlater-CA)		
9685	0330		<u>RM</u> -Moscow: EE: pgm on private broadcasting in USSR (433 10/9 Babin-MA)		
9705	1600		<u>RM</u> : EE: M nx on Europe (444 11/5 Findlater-CA)		
9710	0700		<u>R. Centras</u> : EE: IS, ID "This Is R. Centras, Vilnius, Lithuania" (333 10/5 Fisher-MA) (D'Angelo-PA)		
9715	1200		<u>RT</u> -Tashkent: EE: mx, nx, tik on ancient cities (545 11/2 Robinson-TN)		
9720	0038		<u>RM</u> -Vinnitsa: EE: tik on problems of two independent radio stations in USSR, ID @ 0040, mx (444 10/10 Cichorek-NJ) (Findlater-CA)		
9735	1900		<u>RM</u> : RR: IS, M nx (333 11/2 Findlater-CA)		
9795	1725		<u>RM</u> : EE: "Top Priority" - Interview w/ Gene Burns on Soviet-American relations, W nx brief @ 1731, ID, "Africa as We Speak" (344 10/27 -ed)		
9810	0810		<u>RM</u> : RR: light RR/western vocals, Moscow TC, then drama w/ train sounds (242 10/11 Westenhaver-QU) (Findlater-CA)		
9860	0000		<u>RM</u> : FF: ID, W nx (222 11/6 Findlater-CA)		
9880	2100		<u>R. Beijing</u> : EE: ID, M/W tik on agricultural problems in China (222 10/29 Findlater-CA) (PWBFR 92 lists this via Beijing. -ed)		
11695	0830		<u>RM</u> -Irkutsk: RR: M/W dIALOG (222 10/25 Findlater-CA)		
11790	0109		<u>RK</u> -Simferopol: EE: "Ukraine Today" w/ look at the military in the Ukraine (333 10/11 Millard-TX) (Levison-PA) (Robinson-TN) (Findlater-CA)		
11790	0030		<u>R. Minsk</u> : Byelorussian: ID w/ ment. of "Minsk" (444 10/21 Millard-TX)		
11790	0024		<u>RV</u> -Simferopol: EE: travel info on Lithuania, anmt, phone #s, "goodbye" @ 0028 (444 10/8 Cichorek-NJ) (Robinson-TN) (Millard-TX) (Findlater-CA) (Carson-OK)		

11790 0256 RY-Simferopol: Armenian/EE: EE nx at tall end of bcst, weak, co-chan QRM, heard new plano IS (311 11/3 Reese-DE)

11815 *0000 RM: RR: ID, M/W d'ialog (222 11/8 Findlater-CA)

11860 0300 RM: SS: M nx (222 10/29 Findlater-CA)

11870 1203 RM-Khabarovsk: CC: M nx, mx bridge, W "Mosuko guangbo d'iantai" & t'lk, || 11940 (242 10/30 Westenhaver-QU)

11900 1406 RM-L'vov: EE: nx - France lifts its ban on S. Afr'ca (422 10/22 Brown-IL)

11930 0006 R. Havana: EE: M/W nx - Israel bombs S. Lebanon, PLO to participate in M.E. peace talks, ID @ 0012 (322 10/22 Cichorek-NJ)

11930 1900 RM: EE: M nx, anc' w/ pop mx pgm (222 10/23 Findlater-CA)

11940 1150 RM-Blagoveshchensk: CC: M t'lk w/ W inserts, 2 disco mx bridges, anmt @ 1158 w/ ID & freqs, dead air till 1200 w/ ID, nx (343 10/30 Westenhaver-QU)

11980 0750 RM: EE: mx frm "Nutcracker Suite", W w/ nx items (333 10/3 Levison-PA) (Findlater-CA) (Babin-MA)

11980 2202 RM: GG: M nx to 2206, ID & wx, current affairs pgm (433 10/25 Westenhaver-QU)

11995 0800 RM: EE: W nx (222 10/25 Findlater-CA)

12020 0358 RM: SS: ID w/ freq list (433 10/6 Babin-MA)

12030 0800 RM-Petropavlovsk: RR: M t'lk btw EZL mx selections, poor (222 11/9 Findlater-CA)

12035 0600 RM: EE: IS, ID, W nx, poor (222 11/15 Findlater-CA)

12060 0410 RM-Bishkek: SS: pgm on latin mx, || 12070 (555 10/6 Babin-MA)

12070 2212 RM: EE: nx (544 10/13 Babin-MA) (Hart-MN)

13705 0800 RM: EE: M nx, classical mx pgm (333 11/7 Findlater-CA)

13710 1600 RM: EE: W anc' w/ classical mx pgm called "Rondo", 1700* (333 10/19 Findlater-CA)

15130 0000 RM: W wid nx, into RR nx @ 0030 (333 11/13 Findlater-CA)

15140 1157 RM: Khmer?: light inst mx, closing anmt w/ "Thini Moscow" and ment "Kampuchea", IS to *1200 In Bamar(t) w/ ID & opening anmt w/ ment of "Myanmar" and nx (343 10/22 Westenhaver-QU) (*Nlca details Bill. - ec*)

15180 0059 RK-Komsomolsk: EE: IS to 0101, W ID & pgm prev'w, into lcl nx, || 17690, 17605, 11790 (343 11/3 Westenhaver-QU) (Findlater-CA)

15210 *1400 R. Atlantika: RR: theme mx, M ID (no ment "Govorit Murmansk" today), nx in city- item format, ex 15225 (444 11/4 Westenhaver-QU) (Findlater-CA)

15225 1559 RM: RR: IS, new electronic theme mx based on IS, Moscow TC & "...Moscovsky radio", nx (343 10/9 Westenhaver-QU)

15350 2300 RM: EE: "Focus on Asia & the Pacific" (444 10/15 Langlois-FL)

15355 2338 RM: EE: answering l'isteners letters (555 10/16 Levison-PA)

15375 0500 RM: EE: ID, M nx, "News & Views" (333 11/4 Findlater-CA)

15415 0400 RM-Kenga: EE: W nx (333 10/9 Findlater-CA)

15425 2325 RM-Petropavlovsk: EE: "Science & Engineering", nx brief (343 10/27 Carson-OK)

15435 0600 RM: RR: IS, M nx (333 10/19 Findlater-CA)

15460 1524 RM: EE: "New Market" w/ t'lk on Soviet shipping industry, nx brief @ 1630, then Karl Yegorov hosts pgm of Western/Soviet pop mx (242 10/15 Westenhaver-QU)

15470 1259 RM: RR: IS, s/on into nx, EZL mx & t'lk @ 1309 (444 9/26 Carson-OK)

15470 1230 RM: EE: nx briefs, lesson #29 in "Russian by Radio" (343 10/10 Westenhaver-QU)

15475 0600 RM: RR: IS, ID, W nx, poor (222 11/11 Findlater-CA)

15505 0400 RM: CC: IS, ID, M/W dialog, RR @ 0500 (333 11/8 Findlater-CA)

17580 *1600 R. Afghanistan: AA: W ID "Huna Kabul, idha'at al-jumhuriya til-afghanistaniya" 3 times, nx (333 10/15 Westenhaver-QU)

17605 0115 RK: EE: M t'lk abt education in Ukraine, mx (544 10/11 Valentine-CA)

17605 0000 RV: EE: W nx, "Weekly Press Digest", time & freq skeds @ 0025, || 15180 (444 11/14 Findlater-CA)

17665 0200 RM: EE: M nx, cmtry on dispute between USSR & Japan over Kuriles (333 10/18 Findlater-CA) (Carson-OK) (Westenhaver-QU)

17690 0100 RK-Petropavlovsk: EE: M nx, group discussion of refugees in Ukraine (333 10/22 Findlater-CA)

17700 0100 RM: EE: M nx, "Update" - cmtry on Bush proposal of unilateral reduction of mass destruction arms (444 11/4 Findlater-CA)

17720 0200 RM: EE: M nx (333 10/3 Findlater-CA)

17810 1131 RM: EE: feature abt Pyotr Leshenko, a popular pre-WWII singer (433 10/20 Westenhaver-QU) (Pennisi-NJ)

17840 0215 RM: EE: discussion of relations btw India & Pakistan (333 10/21 Millard-TX) (Findlater-CA)

17860 0232 RM-Chita: EE: Interview w/ S. Korean ambassador, ID @ 0239 (242 10/17 Westenhaver-QU) (Findlater-CA)

17870 0200 RM: RR: IS, M t'lk (333 10/22 Findlater-CA)

17880 1814 RM: AA: "Huna Moskow, dar al-idha'at al-sovietliya" ID, M t'lk w/ ments of many Russian personal names, on top of co-chan BBCWS (333 11/4 Westenhaver-QU)

21625 1520 RM: Thal?/EE: M/W short t'ks, @ 1528 "Thini Moscow" & closing anmt, joined RMWS in progress w/ nx briefs, "Russian by Radio" (322 10/16 Westenhaver-QU)

21630 0600 RM: EE: M/W nx (333 10/11 Findlater-CA)

21685 1730 RM: EE: nx items, feature of the week, "Africa as We See It" (555 10/19 Levison-PA) (Lukas-NY) (Westenhaver-QU) (Neff-FL)

21760 0500 RM: EE: M nx, "News & Views" (222 10/10 Findlater-CA)

21785 1540 RM: Amharic: M t'lk abt Pres. Mobutu, mx bridge, W t'lk abt Yugoslavia / Nelson

Mandela, "Yeh Moscow Radio..." ID @ 1558, joined RMWS in progress @ 1559
 (343 10/16 Westenhaver-QU)

21820 *1600 RM: Hindi: "Yeh R. Moscow hay" ID & opening anmt, ment Hindi, W nx leading w/
 Gorby's attempt to mediate Yugoslav situation (333 10/16 Westenhaver-QU)

Schedules

RM Observed Frequencies, November 1991:

kHz	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
4765	R	I				RR																			
5905		E						RR	EE																
7115	EE	E																						E	EE
7150	EE	E		EE	EE	EE	EE												DD	D			E	EE	
7160				EE	EE	EE	EE	E																E	EE
7195	RR	S		RR	SS	SS	RR	RR																C	S
7230	F	I					R	R																	
7240	F	F		EE	EE	EE	E	EE																	EE
7360				SS	SS	S	S																		
7380	2	I				RR	RR	R																	
7390				SS	SS	S	S																		PP
7400				*R	**	RR	RR	R											RR	RR	R	R		**	
9480	S	S				S																	*	**	
9490	S	S				S															F	F	F	FF	
9520	S	S				S																	E	EE	
9530						S	E																		
9580						22																			
9685							E												E	EE	E				
9720						RR																			
9750	F	F		*	**	EE	EE	EE																	RR
9765	F	F		E	EE	EE	EE	E											E	EE	E	E	E	EE	
9810						S	SS																	F	
9860	F	F		SS	SS	SS	S	SS											E	EE	E	E	EE	EE	
9880		S			SS	SS	EE	FF																S	
9890	R							RR											RR	RR		R			
11840														EE	EE	EE	EE	EE	EE	EE	E				
11870																			-R	RR	-				
11980						SS																			
12010								22																	
12020																			F	-					
12050						S																			
12060	P	P				SS																	E	E	**
12070	P	P		P	SS	SS	SS	FF															R	R	P
13625						R		RR																	
13680													R	RR	aa	R									
13705													EE	EE	E										
15150								F																	
15180	*	*	*			RR																			**
15210													RR	RR	aa	RR	R	2-							
15305													R	RR	aa										
15425						E																			
15435												EE													
15450																									
15460														?	?	?	-								
15465																									
15480													E	EE	??	EE									
15485																									
15495													R	RR	aa	2-									
15525													RR	FF	F	F	FF								
15545																									
15550								F																	
17580													E	EE											
17600													E	-											
17605						EE																			
17610													EE		EE	EE	EE	-							
17655	E	E																							ZE
17665								F																	
17670													RR	RR	EE	EE	EE	EE							
17690	*	*	*																						**
17700	E	E											E	EE	FF	FF	F	FF							EE
17720	E	E																							EE
17790													E	EE	EE										
17810													EE	EE	EE	EE	EE	-							
17870													E	EE	EE	-	EE	-							
21460													RR	RR	aa	RR	-								
21550													R	R											
21725													EE	EE	EE	-									
21755													RR	RR	aa	RR	RR	-							
21785													EE	EE	EE	?	EE	-							
21800													EE	EE	FF	FF									
21840													RR	RR	FF	??									

E=World Service, R=Vsemirnaja Sluzhba, 2=Majak, F=French Service, S=Spanish Service, a=Radiostantsija Atlantika, ?=unidentified,

D=Scandinavian language (station identification tentative),
C=Chinese, P=Portuguese, *=relay of other broadcaster (see below),
-=frequency not in use.

Relays of other broadcasters:

Radio Minsk: 0030-0100 in Belorussian on 15180, 17690 kHz.
Radio Vilnius: 0200-0230 in Lithuanian on 7400, 9750, 15180, 17690 kHz.
Radio Kiev: 0100- in English on 15180, 17690 kHz.
0300-0330 in Ukrainian on 7400, 9750 kHz.
2300-0000 in Ukrainian on 7400, 15180, 17690 kHz.
Radio Erevan: 0330-0400 in Armenian on 7400, 9750 kHz.
2300-0000 in Armenian on 9480, 12060 kHz.

[S. Gelato & R. LaPasha via USEnet]

R. Ala, St. Petersburg In RR:

0730-1600: 7400 1630-0700: 5040
0700-1200: 11925 1200-1500: 11920
1530-0700: 6055

5040 & 7400 via St. Petersburg, 6055, 11920, 11925 via Kaliningrad
[R. Henrich & J. Mantyla via USEnet]

R. Tashkent In EE:

0100-0130: 7325, 7335, 9740, 11975
1200-1230, 1330-1400: 7325, 9715, 15470, 17740
[A. Sirimanne via SCDX 2142, P. Blumstein via USEnet]

R. Nezavennost ("Independence") In RR:

1600-1800: 5980, 11825 (1600-1700 Wed & Thurs only)
[J. Mantyla via USEnet]

Deutsche Welle Relay via Novosibirsk (?) In CC:

1200-1320: 15525
[A. Quagliari via ANARC BBS]

R. Georgia In EE:

0330-0400: 12050 0600-0630: 12050, 12070
1700-1730: 12070 1900-2000: 12015
2000-2030: 11760 2100-2130: 11760

[DXPL via Shortwave Paradise BBS]

R. Vilnius In EE:

2230-2300: 9675, 9710
0000-0030: 9710, 11675, 11790, 15180, 17605, 17610
[SCDX 2142 & 2143]

An incredible amount of loggings and information this month. The 141 loggings received for December is up 70% from the average of the last 5 months! Fortunately our esteemed publisher has allowed me to overflow a few pages to enable me to include all this information. I'd also like to thank Sergio Gelato and company for allowing me to publish the RM grid above. Hopefully this will become a semi-regular feature here. Site ID's are from the 1992 Passport to World Band Radio.

Mike Wolfson wrote in RE: the question about Bishkek last month. He found the city of Byshiyak, USSR in the National Geographic Atlas of the World at 51° 40' N by 25° 58' E, so this may be the correct city. A note from Andy Sennitt on the ANARC BBS suggests that he now has access to some kind of computer BBS in the USSR from which he can retrieve RM schedules and site information! I will follow up on this to see if there is any way others can get access to this information directly.

That's all I have for this month. By the time you read this I will have returned from a two week trip to New Zealand. More on that in next month's column, assuming I have room to print it! 73, -Jason



DX MOSCOW

Anatoli Klepov
ul. Tvardovskogo, 23
kv. 365
123458 MOSCOW

UKRAINE: The new independent station "Radio Independence," in the town of Lvov, is on the air in Ukrainian:

18:00-19:00 on 936, 5980, 11825.

19:00-20:00 on 5980 and 11825.

Broadcasts on Wednesday and Thursday.

Address: ul. Vatutina, 6, Lvov, 290005, UKRAINE.

RUSSIA: There is a new independent music station in Moscow: "Radio ALA."

07:30-16:00 on 684, 1386, 7400.

16:30-07:00 on 5040.

07:00-12:00 on 11925.

12:00-15:00 on 11920.

15:30-07:00 on 6055 (or 6005).

Transmitter sites: St. Petersburg for 5040, 7400, and MW; Kaliningrad for the rest. Future plans include using transmitters in Ekaterinburg and Novosibirsk in order to broadcast for Siberia.

Another new independent Moscow radio station is "Memory" (the voice of the Russian national/patriotic front, "Memory") with a programme named "Native Land, Memory, and You," in Russian.

02:00-04:30 on 6145 (for Siberia).

15:30-18:00 on 12040 (for European Russia).

The station is headquartered in Moscow and transmits from Ekaterinburg.

(Ed. note: The Russian word for "memory" sounds like "pamyat.")

The new station in Ekaterinburg is "Radio Studio of Movement," the voice of the Ekaterinburg section of the Journalists' Union, heard till 11:00 on 9695.

"Radio Russia" is now on the air 24 hours a day all over the territory of Russia, broadcasting in Russian on LW, MW, SW, and FM. Here are the shortwave frequencies:

4050; 4485; 4520; 4610; 4895; 5015; 5290; 5930; 5940; 6165; 7200; 7210; 7320; 9530; 9550; 9600; 11770; 11840; 15165; and 15215.

After January 1992, every weekend Radio Russia will broadcast two 30-minute programmes from the BBC.



AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

This month marks the return of several old favorites- Standard Time, early sunsets, and the Fabulous Beijing Vegetables. Here's wishing all of you a great holiday season, and a wild UTC New Years' experience.

ALGERIA

15215 0320 RTV Algerienne: AA: Morning prayers, great signal (454 10/13 Babin-MA)

ASCENSION ISLAND

7105 0616 BBC: FF: Afropop song called "Demangeason" ("Itching"), 0619 ID for "BBC Afrique", tlk abt market economy in the Gambia-QRM de co-channel Spain (333 10/3 Westenhaver-PQ)

15140 2100 BBC: EE: M w/nx, "Caribbean Report", into SS @2130 (333 10/11 Findlater-CA)

15260 2109 BBC: EE: Fighting continues at Dubrovnik, 2111 ID (343 10/19 Brewer-KS) ID, hvy QRM de Sackville (322 10/13 Babin-MA)

15400 0400 BBC: EE: Doctor comments on how to prevent contracting HIV virus from mosquitos (333 10/17 Findlater-CA)

17880 1832 BBC: EE: "Focus on Africa" w/rpt on today's election in Zambia- this freq does carry African alternative pgms (444 11/1 Westenhaver-PQ)

BENIN

4870 2255 ORTB: FF: M w/FF pops, TC & ID, 2300* (433 10/1 Evanchuk-OH) Group singing African mx in FF (322 10/27 Bishop-NY)

5025 2155 ORTB-Parakou: FF: M ancr w/pop mx (433 11/2 Reese-DE)

BOTSWANA

7255 0343 R. Botswana: Sets: Good Afro mx, some QRM de good ol' hams (222 10/23 Jones-TN) @0330 in EE: Choir w/rig mx, local & "Nearer My God to Thee"- heavy QRM de RR station (422 10/13 Babin-MA) DJ w/US pop mx, ham QRM (222 10/14 Findlater-CA)

BURKINA FASO

4815 2334 R. Burkina: FF: W & M tlking, much UTE QRM (221 10/10 Bishop-NY)

BURUNDI

6140 0310 RTVN du Burundi: FF: Chime IS to 0315 ID in FF- very weak but clear ID (232 10/13 Babin-MA)

CAMEROON

4751v 2141 CRTV-Bertoua: FF: W w/tlk in FF- It's so nice to be back on standard time (322 10/27 Bishop-NY) [Don't ask me- I havn't been on standard time since the late 70's- ed.]

4795 2244 CRTV-Douala: FF: Two M w/discussion pgm, some pop mx (433 10/19 Reese-DE) M w/national nx in EE (322 10/15 Bishop-NY)

4850 2306 CRTV-Yaounde: FF/VN: Pgm of pop mx (433 10/31 Card-RI) [Welcome, Peter!] Afro vcsls, 2218 W ID, tlk w/ments of Yaounde (322 10/14 Cichorek-NJ) W singing a 30's or 40's type song, FF pops (433 10/27 Bishop-NY) M DJ w/FF & Afropops, ID (322 10/13 Babin-MA) EE nx @2212, ID, into FF w/W & M, mx in VN (333 10/14 Karcheski-MA)

5010 0515 CRTV-Garoua: FF: Drum mx, M vcsls (242 11/3 Reese-DE) W ancr w/lots of drum mx (242 10/20 Babin-MA)

CENTRAL AFRICAN REPUBLIC

5034.5 0505 RTV Centrafricaine: FF: W DJ w/Afropops, very weak (342 10/20 Babin-MA)

CHAD

4904.6 0451 RN Tchadienne: FF: Two M w/mx- two guitars w/reverb, waltz, patriotic poem (222 11/8 Foster-NC) [Welcome aboard, Bob!] Mx- mostly African, some FF (322 10/20 Babin-MA) Group singing, M anc (353 10/19 Reese-DE)

CONGO

4765 2355 RTV Congolaise: FF: EE mx, M & W w/ID in FF, freqs, xmsn info, QTH, lcl mx, NA to 2359* (444 10/6 Karcheski-MA) Lively mx w/a beat (333 10/20 Hart-MN) FF & EE pop mx, lots of QRN (322 10/13 Babin-MA) Inspirational sounding tik in FF w/organ mx (444 10/14 Cichorek-NJ) Regional mx w/M DJ (444 10/17 Hankison-KS) M & W tik- much QRM de RM/Cuba (222 10/10 Bishop-NY)

EGYPT

9475 0201 R. Cairo: EE: ID, AA mx, nx @0206, "Spotlight on Mideast" pgm @0227 (323 10/23 Bellovich-FL)
 12050 2350 R. Cairo: AA: Drama in progress, 2355 inst & vcls, 0000 ID & W tik (444 10/23 Cichorek-NJ)
 17745 1132 R. Cairo: AA: Usual AA mx, 1145 TPs & W anmts- to MEast/SAsia (pr-fr 10/9 Famularo-JP)

EQUATORIAL GUINEA

4926.2 2055 RN de Guinea Ecuatorial-Bata: SS: M tik in SS, hilife 2058-2101, 2104 tik on politics, poss cmty, similar to what's on 6250 (? 10/20 George-MA)
 6910 2058 Africa Dos Mil: SS: M w/ment "Malabo", 2100 ID "Africa Dos Mil", into pgm "Mundo del Deportes" ("World of Sports"), mix of tik & pop mx to 2126 ID "Africa Dos Mil, la Radio Espana en Africa" (243 10/19 George-MA)

ETHIOPIA

9560 1500 VO Ethiopia: EE: Pgm "Parade", W anc w/cont rock mx (343 10/12 Thompson-CA)

GABON

4890 0405 RFI: FF: M tik in FF- heavy QRN (433 10/15 Hart-MN)
 9580 0613 ANO: FF: Mx, Benson & Hedges ad (222 11/9 Foster-NC) M & W tik, Afropops (222 10/14 Findlater-CA) W DJ w/hard rock in FF (434 10/20 Babin-MA)
 11735 2345 RJ: EE: Pgm on ceramic pottery art, cmty on Japan-China relations (322 10/27 Kyburz-CO)
 12015 1700 RFI: PP: Pop mx pgm (333 11/9 Findlater-CA)
 15355 2115 RJ: II: PM Nakajama wants UK & France to join US & Russia in reducing nuclear weapons (222 9/30 Rontanini-FL) @0457 in RR: W w/ID as "NHK" "Dos Vadanya", ID in JJ, 0500* (444 10/6 Berri-CA)
 15475 1645 ANO: FF: Ad for Marlboro (444 10/18 Robinson-UT) [Hello, Bruce!] M nx, ending w/ment that ANO is going to be on FM in Paris during Nov, Benson & Hedges ad, Cameroon pop mx (343 11/1 Westenhaver-PQ)
 17650 1405 ANO: Pgm of W African mx (222 10/6 Hankison-KS)

GHANA

3366 2116 GBC-2: EE: M w/pop mx (252 11/2 Reese-DE) M w/prayer, close down @2304 w/NA (433 10/10 Bishop-NY)
 4915 2205 GBC-1: EE/VN: Mx w/call & response vcls, nx of "workshops & educ institutions...foreign trade..Ghana armed forces" (444 10/17 Robinson-TN) M anc, joined by W @2243, a capella chants, ID (322 11/3 Cichorek-NJ) @0600 w/local & world nx, "This is the Ghana Broadcasting Co" (222 10/25 Fisher-MA)

IVORY COAST

7215 *0550 RTV Ivoirienne: FF: OC, orch mx 0555, NA @0559, "Vous ecoutez R Cote D'Ivoire", freqs, jazzy mx (454 11/5 George-MA) Afropops, some US pops, ARO QRM (222 11/6 Findlater-CA) M w/ments of Cote D'Ivoire, soft inst mx (422 10/15 Cichorek-NJ)

KENYA

4934.4 0230 KBC: EE: M anc w/deep voice, mx (232 11/3 Reese-DE)

LESOTHO
4800 0425 LNBS: EE: Afr drum mx, W w/ID @0431 (232 10/20 Babin-MA)

LIBERIA
7275 0702 ELBC: EE: Tlk about new budget awaiting approval, new paper on newstands, ments of Monrovia (322 11/1 Cichorek-NJ)

LIBYA
15450 1900 R. Jamahiriya: AA: Cont chanting (222 11/8 Findlater-CA)
17725 1121 Saut al-watan: AA: AA vcl, 1124 M w/ID per WRTH (the long one) [thinks for not phoning this one in, Bill, hi!], then dramatized M/W dialogue (322 10/30 Westenhaver-PQ) @1800 in RR, other lang: M tlk & martial mx (333 10/21 Findlater-CA)

MADAGASCAR
9590 *2127 RN: IN: IS (clear enough) & s/on routine (pretty unreadable), TP & M tlk- under BBC/Sackville, //11890 at threshold level (222 10/28 Westenhaver-PQ)
9860 2041 RN: EE: Tlk abt Mozambique peace talks & negotiations, 2044 ID (433 11/11 Cichorek-NJ)
15570 1851 RN: EE: Media Network w/rpt on two recievers- couldn't hear details, the phone kept ringing, I've got to teach people not to call when MN is on (353 10/17 Lukas-NY) MN- Jonathan talks w/Boston jingle maker- the one who does all those idiotic "MN" jingles he runs (343 10/10 Westenhaver-PQ)
21480 1531 RN: DT: Nx of Madrid conference (433 10/31 Carson-OK)

MALI
4783 2059 RTV Malienne: FF: M tlk, no ID hrd (211 10/15 Bishop-NY)
4835.4 2250 RTV Malienne: FF: Group singing lcl mx (454 10/18 Reese-DE)
5995 0720 RTV Malienne: FF: Stringed instl mx, M w/nx items @0723, back to mx (322 11/1 Cichorek-NJ)
9770 0027 RB: EE: China expands camera production (433 10/10 Cichorek)
11715 0300 RB: EE: PLO welcomes US peace plan, Flying Tigers reunite in Beijing (434 10/18 Bellovich-FL) Nx of "Beijing Vegetable Corp" featuring "Chinese Cabbage" (545 11/1 Robinson-TN) [Now that's entertainment!- ed.]
15110 1630 RB: EE: W ancr w/samples of various types of CC mx (333 10/12 Findlater-CA)

MAURITANIA
4845 0226 ORTM: AA: M tlk & low vcl mx (pr 10/2 Jones-TN) Late night phone-in show (433 10/11 Bishop-NY)

MOROCCO
9535 0015 R. Medi Intl: AA: Middle Eastern mx (333 10/3 Hankison-KS) Sinatra sings, FF/AA ads (232 10/11 Westenhaver-PQ)
11710 2040 VOA: EE: Jazz w/Conover (fr 10/10 Famularo-JP) M w/nx (222 11/8 Findlater-CA) ID & nx (322 11/5 Cichorek-NJ)
15335 1815 RTV Marocaine: AA: Choral vcls, phone interview, M/E vcls (343 11/3 Cichorek-NJ)
15345 1800 RTV Marocaine: AA: End of prayer, W ID "Idha'atu al-mamlaka til-maghrebiya", conga-beat nx theme, M w/nx briefs, more prayers (333 10/15 Westenhaver-PQ) W & two M w/animated exchange, AA vcl mx (222 10/13 Findlater-CA)

NIGER
5020 0520 LV du Sahel: FF: DJ w/lcl choral mx (232 10/20 Babin-MA)

NIGERIA
4770 2255 R. Nigeria-Kaduna: EE: Hilife mx, lcl anmts (533 10/3 Trescher-PA) M mixes PSAs w/pops (444 10/1 Evanchuck-OH) Farm pgm, heavy UTE QRM (322 10/20 Babin-MA) Two M tlk in VN (433 10/15 Bishop-NY)
4990 2220 R. Nigeria-Lagos: EE: M w/jazz pgm, ID (444 10/1 Evanchuck-OH) Drums & vcls (222 11/3 Cichorek-NJ)
7255 0600 VON: EE: Nx & cmty, good pgming (344 10/10 Rude-WIY) [Welcome to SPEEDX, Dave!]

RWANDA
11795 0000 DW: GG: M w/nx (222 10/21 Findlater-CA)

SENEGAL

4889.7 2235 ORT du Senegal: FF: M w/bits of nx, tribal mx (433 10/1 Evanchuck-OH) Long speech in mixed FF/VN, strange mx (323 10/13 Babin-MA) Two M tkl in VN (332 10/24 Bishop-NY) M & W tkl, a capella chants w/M cmtly (322 11/3 Cichorek-NJ)

SEYCHELLES

11840 1902 FEBA: AA: IS, ID, into lang (333 10/16 Robinson-UT) M rlg tkl & hymns (222 10/25 Findlater-CA)
 15200 0300 FEBA: FS: M w/rlg tkl, 0330* (333 11/10 Findlater-CA)
 15420 0515 BBC: EE: Nx abt Yugoslavia, Turkey (333 10/20 Fisher-MA) Pgm answers letters on Afr problems (243 10/13 Babin-MA) Music Africana (453 10/7 Jones-TN)

SIERRA LEONE

3316 2154 SLBS(t): EE: M w/nx, very weak (222 11/2 Reese-DE)

SOUTH AFRICA

3215 0343 R. Oranje: AK: Country mx, faded out by 0400 (332 10/15 Hart-MN) British pop mx (433 10/10 Bishop-NY)
 4810 2332 R. Orion: AK: EE pops, M AK anmts (434 10/6 Karcheski-MA) Violin/piano mx, TC (232 11/4 George-MA) Pop mx w/countdown, ads & promos (322 10/15 Cichorek-NJ) Light pop mx (222 10/10 Bishop-NY) Tkl in AA, 0259 ID in EE (333 10/16 Hart-MN)
 11920 0253 R. RSA: EE/???: Bird call IS w/ID in EE (555 10/29 Rude-WI)
 15440 0453 R. RSA: EE: Tail end of EE pgm w/QTH & IS, 0456* (333 10/6 Berri-CA) ID, mx, s/off routine (322 10/27 Hart-MN)
 17840 1755 R. RSA: FF: IS, ID, into FF (354 10/12 Robinson-UT) @1747 in EE: Kathy Fitch hosting pgm of lcl pops, nx briefs & pgm preview, 1754 IS (232 10/15 Westenhaver-PQ)

SUDAN

9535 1505 National Unity R.: EE: Nx of Sudan, Press Review, lively march mx (443 10/3 Flynn-OR)

SWAZILAND

5054.7 0355 TWR: EE: Christian drama on examples of faith (noisy 10/23 Jones-TN) Bible reading, ID (333 10/13 Babin-MA)
 9655 *0400 TWR: Chewa: Repetitive EE ID from 0358, into lang (333 10/19 Findlater-CA)

TOGO

5047 2220 RTV Togolaise: FF: M DJ w/US & Afropops (332 10/11 Evanchuck-OH) Two M w/dramatic skit (443 11/2 Reese-DE)

TUNISIA

7475 2257 RTV Tunisienne: AA: Quiet mx w/bits of W soft tkl, 2301 M ID & nx to 2321, Qur'an, 2325 anmts w/freqs, sudden 2327*-slight QSB but good (343 11/3 Westenhaver-PQ)
 12005 2248 RTV Tunisienne: AA: M tlks to M & W on the phone, nice M/E vcls, nx w/ment of peace talks (444 11/3 Cichorek-NJ)
 15450 0710 RTV Tunisienne: AA: Mx & songs, M tkl //(poor) 11550 (fr 10/19 Famularo-JP)

ZAIRE

11454.9 0525 LV du Zaire-Kisangani: FF: Church svc, M w/sermon (242 11/3 Reese-DE)

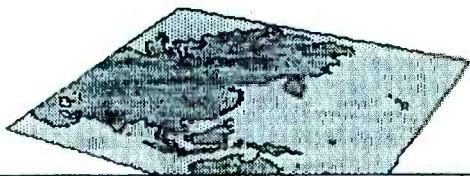
ZAMBIA

9505 2100 R. Zambia: EE: M w/nx, 2145* (222 10/31 Findlater-CA)

CLANDESTINE

9640 2245 VO Free Sahara(t): SS: SS tkl & AA mx, no solid ID (222 10/13 Babin-MA)

DX News: Botswana- The new VOA shortwave relay is expected to begin operations sometime in December 1991. I hope to have the schedule available next month (VOA direct). Clandestine- The VO Oromo Liberation has been monitored 1000-1100 on 11705 (ex-9540). The South African-backed anti-Mozambique government VO Renamo is broadcasting 1500-1600 on 9990 USB (BBC Monitoring via SCDX). Ivory Coast- RTV Ivoirienne has moved their sign-on time up to 0500 on 7215 (Bruce MacGibbon/SW Echo).



ASIA/OCEANIA

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

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

Well, it's November 20 as I type this, and the CDE material still hasn't arrived! A second batch of late arrivals that Ed Cichorek sent up did get here, but the main batch didn't. I have visions of it having been half-eaten by some cancelling machine--a cousin of Don Weber's mailbox, perhaps. I'll just have to go with the direct contributions, but there should be enough material here to keep your interest, anyway.

<u>AUSTRALIA</u>		<u>Radio Australia</u>	<u>VLW Wanneroo</u>	<u>VLQ Brisbane</u>
6080	1202	RA: EE: Nx--Israel won't withdraw from occupied territories (333 10/27 Brown-IL)		
6140	1300	VLW6: EE: 2 mins nx (e.g. Mass in Perth for Croatia); then 2 M w/a mx/mailbag show w/trivia questions (232 10/20 Russell)		
9580	0917	RA: EE: Tape of a US ambassador--but problems, so they gave up in mid item (344 10/30 Scott-CA) (Welcome back, Val!) @ 1325 w/px "Sportsworld" (433 10/12 Brown-IL)		
9660	1322	VLQ9: EE: Interview w/police official abt black market in stolen handguns; ABC ID: strong het (232 10/20 Wakefield-IA)		
12000	1535	RA: EE: Some sort of speech--maybe political?--w/long-winded guy rattling on (good 11/15 Harvey-PQ) (This was the parliamentary px "Ring the Bells"--now on at new times, i.e. Fridays 0930, 1130, 1530 UTC.-ed.)		
15160	0657	RA: EE: Financial tkl, incl mining law in Australia; lots of QRM de HCJB (423 10/7 Scott-CA)		
15365	0500	RA: EE: M nx; sometimes on top of R. RSA--sometimes vice versa (333 11/6 Findlater-CA)		
15380	*2300	RA: THAI: IS/ID; 5 mins Thai mx; then M nx; //13705 (222 10/16 Findlater-CA)		
17630	0145	RA: EE: Discussion of Melbourne restaurants w/cookbook author (433 10/16 Brown-IL)		
17795	0625	RA: EE: Wx for the Pacific and Cook Islands; then guitar mx (444 10/5 Brown-IL)		
<u>CHINA</u>		<u>Central People's Best Stn</u>	<u>Radio Beijing</u>	
4460	1446	(t)CPBS-1: CC: M tkl; into guitar mx (232 11/3 Berri-CA)		
4915	1454	(t)GUANGXI PBS: CC: M/W tkl--sounds like a play; fading by 1500; no ID hrd so tent (233 11/3 Berri-CA)		
5320	2200	CPBS-1: CC: Mix of tlks and mx; 5+1 TP @ 2300 (232 10/30 Thornton-NJ)		
6125	1300	(t)CPBS-1: CC: Px of trad CC mx (211 10/6 Hankison-KA)		
9455	2100	TAIWAN-1: CC: W tlks...channel blocked by VOA @ 2200 (222 11/1 Findlater-CA)		
9655	1250	RB: CANTONESE?: Trad CC inst mx; brief W closing anmt w/ "Bajing kuangpo tientoi"; RB's closing theme; 1256*--don't get excited and think it's Thailand! (343 11/17 ed.)		
9665	*1200	RB: EE: Usual s/on routine; world nx/nx abt China; stronger than usual today but awful xmtr rumble wrecked audio; back here for D91, it seems (343 11/20 ed.)		
11500	2000	RB: EE: M nx and cmty on economic situation in China (333 10/21 Findlater-CA)		
11575	1600	RB: EE: W/M w/CC lesson for EE speakers; //15110, 15130 (333 10/23 Findlater-CA)		
11855	1300	RB: EE: Tlk abt World War II and Beijing University students; mx (545 11/2 Robinson-TN)		
15830	0715	CPBS+ CC: W tkl (333 10/17 Findlater-CA) (Is this a new frq for them?-ed.)		

CYPRUS

6180 2136 BBC: EE: "Newshour"Q-right-wing Israelis protest peace tlks; some QSB, but listenable (343 10/28 ed.)
 15575 1340 BBC: EE: Discussion of nuclear-disarmament (423 10/6 Hankison-KS) @ 1410 w/"Outlook"; much QSB (232 10/24 ed.)

BBC relayGUAMKTWR KSDA

9785 1235 KTWR: JJ: ID: tlk by lots of happy announcers (333 10/19 Hankison-KS)
 9870 1230 KTWR: CC: ID w/tune "A Mighty Fortress Is Our God" (433 10/19 Hankison-KS)
 11650 1602 KTWR: EE: "Simple Truth"--offered free booklet w/address in Kenya; ID (544 10/14 Willers-SW) (Welcome back, Steve!)
 11700 1424 KTWR: CC: Tlk--sounded religious; oallsign given @ 1430 (fair 11/15 Harvey-PQ)
 11890 *1329 KTWR: SWATOW (per WRTH); IS; EE ID; into rlg mx and tlk--just audible uncer oo-ohan CC xmsn (211 10/15 Wakefield-IA)
 11890 1615 KSDA: EE: Wayne Hooper w/"Music Scrapbook"; "Living Sound"; ID (444 10/14 Willers-SW)
 13720 0300 KSDA: CC: Px of W tlk; hrd only on Sat/Sun (222 11/15 Findlater-CA) @ 1700 in EE w/ID; px which sounded like "The Family Hour" (222 10/27 Brown-IL)
 15610 2300 KSDA: EE: EE ID; into px of rlg mx (good 11/6 Harvey-PQ)

HONG KONGBBC relay

7180 2229 BBC: CC: M ID "BBC Yingguo guangbo diantai"; TP; s/on routine w/march mx/ID; then W nx; much ARO QRM (222 11/16 ed.)
 11820 1437 BBC: EE: EE by Radio w/rpt on book pirates; then slow EE nx (444 10/24 Brown-IL) (Did they say how they fit the peglegs on the books?-hi!) @ 1447 w/slow-speed EE nx (very good 11/15 Harvey-PQ) @ 1435 w/England vs Scotland rugby match ("Jolly good!") (333 10/26 Hankison-KS)
 17830 0008 BBC: EE: "Newsdesk" w/rpt on human rights violations in East Timor (243 11/18 ed.)

INDIAAll India Radio

3350 1552 AIR: EE: W tlk abt agriculture; ID (322 10/12 Willers-SW)
 11620 2057 AIR: EE: Lol mx; @ 2100 ID/nx--illicit beverage causes blindness, arrests made (444 11/11 Ciohorek-NJ) @ 2201 w/nx of earthquake relief efforts (433 10/25 Brown-IL) @ 2230 w/mx; then s/off anmts (433 10/15 Hankison-KS) @ 1542 in (1) BALUCHI w/2 people tlk--lang presumed (good 11/15 Harvey-PQ)
 11880 2315 AIR: HINDI: W nx; brief inst mx; W interviews a doctor; // 15165 was good (pr-fr 10/9 Famularo-JP)
 11960 1544 AIR: PASETO: Brief bit of mx; then ID "Da All India Radio de" (very good 11/15 Harvey-PQ)
 15110 0100 AIR: EE: Nx w/ment of earthquake in northern India near the Himalayas (222 10/20 Russell-MI)
 15140 1628 AIR: RR: Light subcont mx; @ 1630 W ID "Govorit Delhi" and Tlk; fuzzy speech audio (333 10/24 ed.) (Larry, maybe this is your unID lang from the October column,-ed.)

INDONESIARadio Republik Indonesia

9743 0706 (t)RRI PROGRAMA NASIONAL: IN: 2 M tlk; poss. nx, followed by "RRI" ID; EE pop mx; tent Programa Nasional ID; heavy splatter de HCJB-9745; RRI Sorong sked on 9743 till 0700*--perhaps Programa Nasional using frq after that (pr-fr 10/29 Famularo) (Thanks for the interesting log, Ralph!-ed.)

IRANVoice of the Islamic Republic of Iran

9022 0029 VOIRI: EE: IS/ID; frq anmt; Qur'an reading; nx @ 0037 (444 11/7 Ciohorek-NJ) @ 0400 in TK w/M nx; //15084 (222 11/15 Findlater-CA)
 9720nf 0123 VOIRI: EE: Just caught M s/off anmt w/address; abt 45 secs dead air; then IS w/SS ID's; oo-ohan QRM probably RFI (333 11/4 ed.) (As of 11/20, they're still here, but still announcing 9765 instead of this.-ed.)
 9765.7 0027 VOIRI: EE: IS w/ID to 0029; s/on routine; Qur'an w/EE translation; a real mess w/QRM de Tirana on 9759.4 and Beijing via Mail on 9770.0 (222 10/24)ed.)
 11790 1213 VOIRI: EE: Tlk on Mideast peace conference; @ 1224 ID/skded/address (pr0fr 10/30 Famularo-JP) @ 1429 w/IS noted in passing; gone when rechecked so lang unID (fr 11/15 Harvey-PQ)

IRAQRadio Baghdad

9722.7 1604 RB: AA: W/M w/nx; //4600 had some jamming (555 10/12 Willers-SW) (I think Steve may have logged this on his vacation in the Sinai.-ed.)

ISRAELKol Israel Reshet Bet relay

7465 2025 KI: EE: "DX Corner" w/tlk abt the Sangean ATS-808 receiver; back here for D91 (343 11/3 ed.)

9388 0402 RB: HH: Morning prayers; ID and into nx leading w/Magid Johnson--after all, Israelis are big basketball fans (343 11/8 ed.)

9435 0012 RB: HH: M host taking phone calls; many light/soft pop vcls (mainly EE); 3 mins nx on the hour; went straight through till 0400; //7465, 11605 (444 11/8 ed.) (This allnight RB relay is so new that it isn't in KI's printed sked--and it seems not to run on Shabbat (i.e. UTC Fri 2300-Sat 0400). Are they maybe keeping the frqs occupied for a possible return of the NAM beamings??-ed.)

11587 1959 KI: EE: IS; ID; nx--Baker announces Mideast conference in Madrid (444 10/18 Brown-IL)

11588 0445 RB: HH: Soft mx; nx headlines w/ments Baker/Palestine; back into pops (343 10/19 Wakefield-IA)

15640 2230 KI: EE: Nx--Shamir names peace conference delegation (333 10/25 Brown-IL)

JAPANNihon SW Bosting Radio Japan

6055 1255 NSB: JJ: Pop mx; M tlks at length (322 10/6 Hankison-KS)

9620 1830 RJ: FF: IS/ID; M nx; poor (222 10/16 Findlater-CA)

11815 1739 RJ: EE: M/W w/listeners' letters (232 10/27 Berri-CA) @ 1700 w/similar px (333 10/23 Findlater-CA)

11870 0500 RJ: EE: W/M w/"Listeners Mailbag" (333 11/2 Findlater-CA)

15270 0900 RJ: EE: M nx; bad co-channel QRM de VOPC (222 11/9 Findlater)

17810 0500 RJ: EE: W nx; interview w/manager of rugby team playing in Japan; //17825, 17890 (444 11/8 Findlater-CA)

17825 0306 RJ: EE: Nx abt attempts to get UN peacekeeping force into Cambodia (232 11/1 Thornton-NJ)

17835 0100 RJ: EE: "The Magazine Hour"--tlk w/American on dealing w/high prices while shopping in Tokyo (333 11/14 Findlater-CA)

21610 0900 RJ: EE: W nx; interview w/African National Congress official (444 11/10 Findlater-CA)

KOREA, D.P.R.Radio Pyongyang

6250 0830 RP: KK: W/M w/animated dialogue; intermittent ute QRM (222 11/8 Findlater-CA)

9977 *1100 RP: EE: IS/ID/anthem; nx--"Uncle Kim" greets Nigerian delegation; //6576, 11335 (343 10/20 Wakefield-IA)

11705 1645 RP: EE: Complete time/frq sked; anthem; 1648* (333 10/29 Findlater-CA)

11735 1410 RP: FF: Long-winded M tlk; then usual haunting W vocal mx (322 10/19 Hankison-KS) @ 1427 w/M tlk (good 11/15 Harvey-PQ)

13650.1 2317 RP: EE: Martial mx; tlk abt Korean Democratic Lawyers' Association (322 10/6 Thornton-NJ) (Any chance you can get a reciprocal visit to Pyongyang out of them. Don?-hi!)

LEBANONVoice of Lebanon King of Hope

6549.4 1700 VOL: EE: M w/15 mins world/101 nx; ID; this stn can be heard all day w/great reception (454 10/17 Willers-SW)

11530 1531 KOH: EE: M rlg tlk; soft mx; //6280 (454 10/12 Willers-SW) (t) @ 1312 in AA w/M tlk--nx? (211 10/19 Hankison-KS)

MARIANA ISLANDSKHBI KPBS

9530 1405 KHBI: EE: ID; px on US legal system/laws (322 10/26 Hankison)

11650 1320 KPBS: RR: Tlk and mx; ID (fair 11/20 Harvey-PQ)

11665 1400 KPBS: RR: Inspirational mx; ID excellent signal! ("terrible programming!") (544 10/19 Hankison-KS)

13625 1348 KHBI: EE: Closing of "Herald of Christian Science" px; chronic fading (242 10/20 Wakefield-IA)

I'm leaving New Zealand out for space reasons--but I should warn you that it's not yet time to call off the Julie London alert--I heard "Take Back Your Mink" again on 10/24, and you never know when they'll play it again!

OMAN Radio Oman BBC relay
 11890 1800 RO: AA: W/M dialogue; chanting; AA mx (222 11/9 Findlater-CA)
 15310 1500 BBC: EE: TP; Nx of Madrid conference; weak but in the clear
 (242 10/20 Wakefield-IA)
 17790 0610 BBC: EE: "Newswake" on situation in Haiti (444 10/5 Brown-IL)
 @ 0230 w/EE by Radio px w/story reading (222 11/11 Findlater)

PAKISTAN Radio Pakistan
 17555 1354 RP: URDU: "Hyper" Pakistani choral singing/mx; M ID; TP;
 "typewriter song"; then W nx (fr-gd 10/24 Famularo-JP)

PHILIPPINES VOA relay Radio Veritas Asia Far East Bost Corp
 6110 1204 VOA: EE: Nx--Khmer Rouge violate peace treaty (333 10/27 Brown)
 9555 1257 RVA: EE: Mx w/ID and anmt of KK service to start @ *1300
 (444 10/19 Hankison-KS)
 9575 1720 VOA: EE: M ID; W px details; very weak (222 10/27 Berri-CA) @
 1700 w/nx; listeners' requests (333 11/12 Findlater-CA)
 9780 2300 FEBC: IN: EE ID; into IN w/sk'd and address for rpts; rlg
 tk; 2335* (333 11/15 Findlater-CA)
 11760 2203 VOA: EE: Nx of Yugoslavia/Bangladesh (433 10/27 Brown-IL)
 11920 1800 VOA: EE: Nx in special EE (333 11/8 Findlater-CA)
 15305 2159 VOA: EE: IS/ID--but blown away @ 2200 by another station
 (222 10/27 Brown-IL)
 15425 1314 VOA: EE: Tk contrasting treatment of Vietnamese refugees in
 California and SEAsia (242 10/15 Wakefield-IA)
 15515 *2343 FEBC: ??: Abruptly on in middle of M rlg tk and children's
 hymnal chorus; ID hrd: 0030* (222 11/15 Findlater-CA)
 17760 0300 R. FILIPPINAS: EE: ID; cmt by Evelyn Agato "The Philippine
 Experience"; 0330* (333 10/19 Findlater-CA) (Remember
 Evelyn from RVA's EE service?--ed.)
 21580 0230 RF: EE: W answering listeners' letters (333 10/22 Findlater)
 21585 1457 VOA: CC: M/W dialogue w/EE bit from Declaration of Independence;
 @ 1500 "Meiguo zhi sheng" ID/nx (242 11/4 ed.)

SAUDI ARABIA Bost Service of the Kingdom of Saudi Arabia
 9870 2000 BSKSA: AA: M tk abt Madrid conference; AA vocals (333 11/2
 Findlater-CA)
 11685 2220 BSKSA: AA: Lots of Mideast mx; ID (423 10/15 Hankison-KS)
 15345 1252 (T)ESKSA: URDU: AA recitations and M Urdu-sounding tk; @
 1300 TP--but under co-channel Taiwan, so detailed copy not
 possible (poor 10/23 Famularo-JP)
 21505 1136 BSKSA: AA: Nxcast w/ID's @ 1136/1140 (333 10/24 ed.)
 26100 1400 BSKSA: AA: Qur'an to 1400; then ID per WRTH--pinning the
 needle but not hrd since (exo 10/26 Harvey-PQ) (Another lol
 DXer, Alan Roberts, hrd this at the same time, and none of
 us have quite figured this out yet.--ed.)

SINGAPORE BBC relay Singapore Bost Corp
 11865 2232 BBC: CC: W world nx; then M current affairs stuff; co-channel
 DW in PP; //7180 via HK (232 11/16 ed.)
 11940 1048 SBC: EE: Pop mx; "Radio 1, FM 90.5" ID; lol traffic anmt--"A
 cable is laying across the left lane" causing congestion
 (gd-pr 10/9 Famularo-JP)
 11955 1529 BBC: EE: "BBC" 3-note IS; into slow-speed nx (pr 11/15 Harvey)
 17830 0700 BBC: EE: World nx (333 10/17 Findlater-CA) (Yes, this frq
 is via HK at other times of the day.--ed.)

SRI LANKA Sri Lanka Bost Corp RJ relay DW relay
 11800 1440 SLBC: HINDI/URDU: Various subcont vocals; much W anor tk; @
 1533 some sort of address w/EE numbers; @ 1545 TP/ID anmt
 ment Sri Lanka/nx (good 11/15 Harvey-PQ)
 11835 1100 SLBC: EE: ID; px of mx (old standards) "for a Sunday after-
 noon (232 10/20 Russell-MI)
 15210 1926 RJ: FARSI/AA: Light vol mx; M nx briefs; W s/off anmt w/"Inja
 Tokyo"; @ 1930 into AA w/M opening anmt w/"Huna Tokyo" and
 frqs; then he read nx; this has moved to 15345 for D91 (333
 11/1 ed.)
 17800 *0300 DW: PASHTO: S/on routine; into M nx; poor (222 10/22
 Findlater-CA)
 (If I have room at the end, I'll fit in the complete sk'd for the Radio
 Japan relay via Sri Lanka.)

TAIWAN Family Radio relay Voice of Free China
11550 1350 FR: EE: Inspirational testimonials! (322 10/19 Hankison-KS)
(Does the "I" mean you were or weren't inspired?-ed.)
11745 *1200 VOPC: CC: IS/ID/anthem; into nx by W; //7130 was weaker and
under ARO CW QRM (242 10/20 Wakefield-IA)

TURKEY Voice of Turkey
7185 2259 VOT: EE: IS: ID routine @ 2300 (good 11/4 Harvey-PQ)
9685 2300 VOT: EE: ID's/frqs; nx...popular love ballads (545 11/1
Robinson-TN)
15220 0500 VOT: TK: W tlk; then into continuous chanting-type vocals
and TK mx; M nx @ 0530; //15405 (333 10/15 Findlater-CA)

UNITED ARAB EMIRATES Voice of the UAE Abu Dhabi UAE Radio Dubai
7215nf 2301 VOUE: EE: ID; then W--the one who sounds like RSA's Kathy
Fitch--w/101 nx items; much weaker than usual tonight; QRM
de W9XR--in AM mode yet--didn't help any! (232 11/16 ed.)
9600 2305 VOUE: EE: Nx of new public works projects for next year
(333 10/14 Brown-IL)
9605nf 2343 VOUE: EE: Story w/dramatized bits of life in Mohammed's time;
@ 2354 ID and s/off anmt; ex-9600 (343 11/16 ed.)
13605 2305 VOUE: EE: Listeners' letters; ID; a committee is formed abt
stray animals (333 10/14 Brown-IL) (For or against them?-ed.)
15400 0251 RD: AA: M w/call to prayer (444 11/3 Reese-DE)
21605 1630 RD: EE: World nx; Gulf weather; @ 1639 switched over into AA
(343 10/20 Wakefield-IA)

VIETNAM Voice of Vietnam
7416.3 1252 VOV: LAO: W tlk w/many ments "Vietnam"; 1258* (fair 11/5
Famularo-JP)
9839.7 *1900 VOV: EE: IS: ID/frq sked ment 15010 (which is not no longer
in use); into W nx; 15010 was a better choice than this nf
(132 10/28 Thornton-NJ) @ *2330 w/W time/frq sked; nx (222
11/9 Findlater-CA)
15009.2 1335 VOV: EE: W ontly on Vietnamese people's commitment to Soc-
ialism; inst mx bridge; ID; tlk on Cuban Party Congress
(222 10/23 Wakefield-IA) (It's their Party, and they'll cry
if they want to, eh?-ed.)

YEMEN Republic of Yemen Radio
7190 1600 RYR: EE: M "This is Yemen, programme 2 from Yemen"; also
hrd the next day w/px "Travelling Around Yemen" (433 10/8
Willers-SW) (I sure wish we could hear this in NAM!-ed.)
9780 0333 (t)RYR: AA: W anor presenting Mideast mx; a couple of men-
tions of San'a (444 11/3 Reese-DE)

Here's the D91 sked for the R. Japan relay via Sri Lanka:

9535 kHz--1300-1400 JJ; 1400-1500 EE; 1530-1600 Bengali; 1600-1630 Hindi;
1630-1700 Urdu
11840 kHz--0100-0200 EE; 0200-0230 Bengali; 0230-0300 Hindi; 0300-0330 Urdu
15345 kHz--1600-1700 EE; 1700-1800 JJ; 1900-1930 Farsi; 1930-2000 AA
17820 kHz--0330-0400 AA; 0400-0500 JJ

* * *

In case you haven't noticed, KI has reintroduced two EE bosts on SW--the 0500-0515 newscast on 11588 kHz, and the 1100-1130 nx/features px on 17545 kHz. (There are also FP bosts at 0515-0530 and 1130-1200 on the same frqs.) I haven't found propagation for these two particular bosts to be at all good here; are any of you hearing them with any regularity?

In addition to the allnight RB relay I mentioned under 9435 kHz, the regular RB relay sked is as follows: 0400-2300 on 9388, 13753, 15615; 0400-0500 and 0530-0605 on 11588; 0610-1100 and 1200-1355 on 17545.

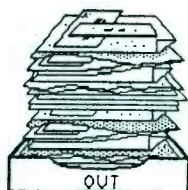
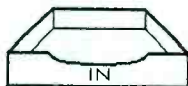
* * *

That's about all there's room for this time. I hope that the CDE material doesn't take the long way around next month! Special thanks to everyone who sent direct this time--otherwise, you'd have had five pages of my assorted ramblings, and we wouldn't want that, eh?

73-Bill

QSL REPORT

Mike Wolfson
1842 Mifflin Ave.
Ashland, OH 44805



AFRICA

Benin ORTB 5025 n/d ltr 56 ds 2 IRCs rpt FF v/s (Hankison, Ks.)
Gabon Radio Japan 15355 f/d cd (Tx cd, sticker, sked) 60 ds (Wallace, Ma.); Red Cross R 12035 f/d cd 90 ds (Wallace, Ma.)
Ghana RI 4915 f/d cd (logo) 32 ds 1 IRC rpt EE (Evanchuck, Oh.)
Morocco VOA 6095 f/d cd 30 ds rpt EE (Mantegazza, Italy)
Swaziland TWR 9650 p/d cd (stn pix) 50 ds rp rpt EE v/s L. Stavropoulos (Hankison, Ks.)

ASIA/OCEANIA

Australia RAI 9580 f/d ltr 60 ds (Wallace, Ma.); ARC 9660 f/d cd (ltr, sked, sticker) 52 ds 1 IRC rpt EE v/s Thomas A. Rowen (Evanchuck, Oh.)
China R Beijing 9690 f/d cd (figurine, sked) 24 ds rpt EE v/s Ms. Fujiang (Evanchuck, Oh.)
Japan NHK 6120 n/d cd (sked) 70 ds rpt EE (Mantegazza, Italy)
Kiribati R Kiribati 14917.7 p/d cd (making thatch) 93 ds \$1 rpt EE v/s Mrs. Labora (Evanchuck, Oh.)
Korea, Republic of R Korea 9750 f/d cd (scenic cd, sked, mx, korean lang bk) 35 ds 1 IRC rpt EE (Evanchuck, Oh.)
Malaysia R Malaysia Kota Kinabalu 4970 f/d cd 70 ds rpt EE v/s Benedict Sanil (Mantegazza, Italy)
N Mariana Islands KHBI 15610 f/d cd (antenna) rpt EE (to Boston HQ) (Evanchuck, Oh.)
New Zealand RNZI 17770 p/d cd (sports, tour info) 15 ds !!! rpt EE (Brown, Il.)
Oman RO 11890 f/d cd (studio) 548 ds rpt EE v/s Rashid Haroon (Wallace, Ma.); RO 11890 f/d cd (studio) 570 ds (Wallace, Ma.)
Papua New Guinea R E New Britain 3385 f/d cd (ltr) 452 ds rp rpt EE v/s Esekia Mael, Stn Mgr (Reese, De.); R E Highlands n/d ltr (stn info) 46 ds ms rpt EE v/s Paia Ottawa, Tech (Reese, De.)
Philippines VOA 17705 f/d cd 25 ds rpt EE (Mantegazza, Italy)
Solomon Islands SIBC 9545 f/d cd 50 ds \$1 rpt EE (Evanchuck, Oh.)
Sri Lanka DW 21650 f/d cd (reunification) 30 ds (Wallace, Ma.)
Turkey Turkish R & TV 9675 f/d cd (rug) 31 ds rpt EE (Humenyk, Ont.)

EUROPE

Albania R Tirana 9580 p/d cd (stickers, sked, tourist info) 42 ds rpt EE (Huffaker, Mexico)
Belgium BRT 13720 f/d cd (Shrine of St. Ursula, DX club info) 120 ds (Wallace, Ma.); BRT 13655 f/d cd (religious scene) 66-73 ds (Humenyk, Ont.)
France RFI 17620 f/d cd (logo) 21 ds rpt EE (Brown, Il.)
Germany VOA 15215 f/d cd (VOA info, 2nd QSL cd) 21 ds (Wallace, Ma.)
Hungary R Budapest 9835 f/d cd (Zsambek) 38 ds rpt EE (Humenyk, Ont.)
Norway RNI 17740 f/d cd (aluminum works, 1989 sked !!) 657 ds !! (Hardester, N.C.)
Poland R Polonia 7270 f/d cd (Roznow) 92 ds rpt EE (Humenyk, Ont.)
Portugal R Renascenca 9600 f/d cd 60 ds (Wallace, Ma.)
Romania R Romania Int1 9570 // 11940 f/d cd (flowers) 101-115 ds rpt EE (Humenyk, Ont.)
Spain REE 9650 f/d cd (Picasso Museum) 30 ds rpt EE (Brown, Il.)
Sweden R Sweden 17705 f/d cd (Stockholm City Hall) 9 ds !!! rpt EE (Brown, Il.)
Switzerland SRI 12035 f/d cd (birthday cd) 41 ds rpt EE (Brown, Il.); SRI 13635 f/d cd (birthday cd) 30 ds rpt EE (Brown, Il.); Red Cross B/C Svc 9885 f/d cd (child eating) 30 ds 1 IRC (Schulsinger, Oh.); SRI 10515 f/d cd (birthday cd) 100 ds rpt EE (Schulsinger, Oh.)

USSR

Ukraine R Kiev 11770 f/d cd 171 ds rpt EE (Humenyk, Ont.)
USSR R Beijing 9740 f/d cd (silk figurine) 90 ds (Wallace, Ma.)

USSR R Vladivostok 5075 n/d cd 50 ds rpt EE v/s A.G. Giryuk (Mantegazza, Italy)
USSR R Moscow 17695 f/d cd (People's Friendship House) 73 ds rpt EE (Pennisi, N.J.)

WESTERN HEMISPHERE

Argentina R Continental 9115 f/d cd (ltr) 150 ds rpt SS v/s Sulio A. Valles (Mantegazza, Italy)
Brazil R Portal da Amazonia 4775 p/d ltr 60 ds rpt PP v/s Arnaldo Medina (Mantegazza, Italy); R Educacao Rural 4910 p/d cd (ltr) 60 ds rpt PP v/s Ailton Guerra (Mantegazza, Italy)
Canada R Japan 5960 f/d cd (calendar, pennant) 21 ds (Wallace, Ma.); R Korea 9650 n/d cd (pond) 150 ds (Wallace, Ma.); CFRX 6070 p/d cd (sked) 35 ds rpt EE (Mantegazza, Italy)
Costa Rica R Reloj 4832 f/d cd 30 ds rpt EE/SS v/s Francisco Barabona (heard in Mexico) (Mantegazza, Italy); RFPI 7375 cd (FM mode, ltr) 90 ds \$1 (Wallace, Ma.); R New York Intl 7375 cd (gunslinger) 90 ds ms (Wallace, Ma.)
Cuba RHC 5965 f/d cd (DX club cd #1 !!!! DX tst, calendar) 183 ds (Wallace, Ma.)
Dominican Republic R Barahona 4930 f/d cd (ltr, sticker) rpt SS v/s Ing. Roberto Lama (heard in Miami) (Mantegazza, Italy)
Ecuador HCJB 25950 f/d cd (studio) 60 ds \$1 (Wallace, Ma.); HCJB 15155 f/d cd (1979-a) 14 ds ms rpt EE (Brown, Il.); HCJB 9745 f/d cd (1979-b) 14 ds ms rpt EE (Brown, Il.); HCJB 15155 f/d cd (1978-a) 20 ds ms rpt EE (Brown, Il.); HCJB 9745 f/d cd (1978-b) 20 ds rpt EE (Brown, Il.); HCJB 15155 f/d cd (1978-c) 18 ds rpt EE (Brown, Il.); HCJB 15155 f/d cd (1978-d) 18 ds ms rpt EE (Brown, Il.); Radiofonicas Populares 5010 f/d ltr 36 ds 2 ms rpt SS v/s Juan Perez Sarmiento (Robinson, Tn.)
French Guiana RFO Cayene 5055 f/d cd 150 ds rpt EE (Mantegazza, Italy)
Honduras La Voz ds la Mosquitia 4910 ltr 60 ds rpt EE v/s Sammy Simpson (Mantegazza, Italy)
Netherlands Antilles 15560 cd (special SSB cd) 60 ds (Wallace, Ma.)
Paraguay R Nacional 9735 n/d cd (stamps, hotel info) 513 ds (3 followups) ms rp rpt SS v/s Filemon G. Argvello M. (Reese, De.)
Peru R Andahuaylas 4840 f/d ltr 98 ds \$1 rpt SS (Huffaker, Mexico)
USA R New York Intl n/d "QSL kit" 45 ds ms (Wallace, Ma.); KTBN 7510 f/d cd (Logo) 43 ds ms rpt EE (Brown, Il.); R New York Intl 7355 f/d cd (challenge) 57 ds \$1 rpt EE (Evanchuck, Oh.); VOA 17800 f/d cd 95 ds rpt EE (Mantegazza, Italy); VOA 6090 f/d cd 94 ds rpt EE (Mantegazza, Italy); La Voz ds la Fundacion 9495 f/d cd (sticker) 27 ds ms rpt SS (Hardester, N.C.)
Venezuela R Nacional de Venezuela 9540 f/d cd (Logo) 15 ds (Brown, Il.)

CLANDESTINE

France Flag of Freedom Organ of Iran 15100 ltr 60 ds rpt EE !! v/s Parvaneh Azimi (Mantegazza, Italy)

PIRATES

Canada R Merlin 6240 f/d cd 120 ds rpt EE (Mantegazza, Italy); R Gemini 6220 f/d cd (info, ltr) 80 ds rpt EE (Mantegazza, Italy)
Germany R Geronimo 6220 p/d cd (ltr) 30 ds rpt EE v/s Chris Wattson (Mantegazza, Italy)
Ireland Radio Stella 11416 f/d cd 30 ds ms (Wallace, Ma.); R Fax 12255 f/d cd (info) 60 ds \$1 (Wallace, Ma.); N Ireland Relay Svc 6272.4 f/d cd 150 ds \$1 v/s Andy Craig (Wallace, Ma.); R Fax 6205 // 12255 f/d cd (both freq, info, ltr) 20 ds \$1 (Hardester, N.C.); N Ireland Relay Svc 6251.5 f/d ltr (info, cd) 30 ds \$1 v/s Andy Craig (Hardester, N.C.); Live Wire R 15050 f/d cd (#308, sticker, info, ltr) 65 ds telephone rpt !!! (Weber, Oh.)
UK R Zenith Intl 6235 f/d cd (ltr, stn info) 90 ds rpt EE v/s Jeff Duggan (Mantegazza, Italy)
USA R. USA 7415.3 LSB f/d cd ("Bigger and Better #498) 53 ds rp rpt EE v/s Mr. BTue Sky (Evanchuck, Oh.)

UTES

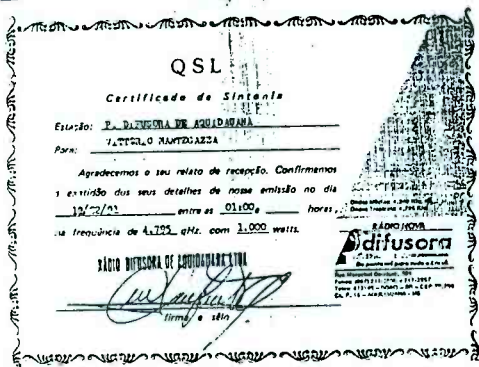
Algeria 153 n/d cd 97 ds rpt EE (Underwood, N.Y.)
Australia VNC 16000 f/d cd (antenna) 19 ds 1 IRC rpt EE (Evanchuck, Oh.); IPS R and Space Svc 20943 p/d ltr 50 ds rpt EE v/s Geoff Robinson (Mantegazza, Italy)
Canada 30HH 190.4 f/d cd 15 ds rpt EE v/s Herb Balfour (Underwood, N.Y.)
Germany Hamburg Meteo 13882 f/d ltr 60 ds rpt EE (Mantegazza, Italy)
Ireland Shannon Aeroradio 13264 f/d cd 191 ds rpt EE v/s Watch Commander (Underwood, N.Y.)

Japan Japan Meteorological Agency 17029 f/d ltr 30 ds rpt EE v/s Kigasaura (Mantegazza, Italy); JOR 17093.6 f/d ltr (sked) 39 ds rpt EE v/s Hidefumi Tamura (Underwood, N.Y.)

Poland Szczecin R 2837 f/d cd 45 ds rpt EE v/s Tadeus Podrzycki (Mantegazza, Italy)

USA KRY 175.3 f/d cd 10 ds rpt EE v/s Joe Saloka (Underwood, N.Y.); NMG 432 f/d cd (stn info, ltr) 18 ds rpt EE v/s Chris Zeliff (Underwood, N.Y.)

I'm really getting spoiled by the incredible response from everyone contributing to the column. Thank you one and all for helping make this a really good column. Also, thanks for the cards and notes, I appreciate them. Next, I got a note from Gerry Dexter announcing that he's working on an update to his book SECRETS OF SUCCESSFUL QSL'ING—THE COMPLETE GUIDE TO RECEPTION REPORTS AND QSL COLLECTING. Anyone with "war stories" should submit them to him, the gorier the better, and he will include some of them in the book. Anyone whose story is used will receive a free copy of the book. Finally, I should have mentioned it before, but if you send me QSLs that you want back, please include return postage. I'll take care of the ones I've got, but in the future please include stamps, I'm responsible for all my own costs of producing this column. Speaking of QSLs, here are some samples.



Campos Grande - MS - Brasil. 02.07.91

Ilmo Sr. Vitorio Mantegazza

Rádio Educação Rural Ltda
 88 - 271 267 - 880 ERZ - 10 kW
 87 - 271 - 884 - 4788 ERZ - 10 kW
 Registro no AJCCOM 11.82.390-1/79
 C.C.M.F. 02.24.472001-48
 Av. Mano G. Mendes, 830 - Centro
 Caixa 70 - Campos Grande - MS - BRASIL
 79.000



Atenciosas saudações.

Atenciosos e agradecemos o recebimento da precada carta de V. Sa de 12 de Junho de 1.991.

Teremos o prazer de confirmar plenamente os dados de sua recepção. Nossa emissora continua sempre a seu completo dispor.

Cordialmente,

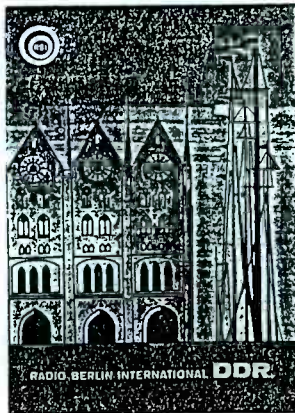
H. Saloka



OY YLEISRADIO AB
 FINNISH BROADCASTING COMPANY
 EXTERNAL SERVICE

HELSINKI 2
 00260 HELSINKI 26 - FINLAND

Dear *Fred Lindstedt*
 Thank you very much for your reception report. It has been found to be correct and is hereby verified.
 Date *10.30.77* Time *200*
 Frequency *1705*
 Yours sincerely,
HS
 Our short wave transmitters are located at Paris:
 21° 22' E, 41° 28' N





Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

The 1992 PASSPORT is now available from many sources. (Check your normal dealer for price; some dealers do undercut retail.) It was July 1984 when the first 'half' of the original Radio Database International was forwarded to those initial subscribers. Since then, each yearly effort has grown in content, in size, in interest and along with this growth, in name. PASSPORT has evolved into a definite radio library need for you but two new sections in the 1992 edition have jumped PASSPORT from a 'it's good to have around' category to a 'you probably can't live in the shortwave QSL world without it' category. The 1992 issue with its continued increase in information is a MUST if you contact foreign broadcasters. Check out "Where in the World I, Atlases for Radio Listeners" and "Where in the World II, World Time and Station Addresses". If you have felt blasé about PASSPORT before, forget the past and go for it this year. (Just the cover alone with a Gahan Wilson cartoon feature should be worth the price!)

This is the month when SPEEDX member Juan Franco Crespo updates his two publications: DIRECTORIO (Directory of Broadcasters and Verifications Signer) and HORARIO (Station List of Spanish Language Broadcasters). Both are in Spanish, each is \$8.00 (or 14 IRCs) and they may be ordered directly from Juan at Apartado 674, E-08080 Barcelona, Spain. WARNING, registered mail is suggested by Juan for delivery protection.

Cassette tapes of program excerpts, jingles, IDs, IS, etc; but this time produced with a Nordic interest, by Erikoiskustannus Oy. The Finnish DX Association, DX-Palvelu Oy, Lobbaksenkuja 4 E 19, SF-01630 Vantaa, Finland has three offers. AMERICA LATINA EN EL AIRE (\$11.00) is 77 minutes playing time of 60 stations from South America and the Caribbean with an accompanying 24 page booklet on both DXing and the cassette details (in Spanish/Portuguese). The other two tapes, each \$10.00, are WORLD ON THE AIR (90 stations; 65 minutes of tape) and USA ON THE AIR (43 US/Canadian stations; 50 minutes of tape). Cash sales only.

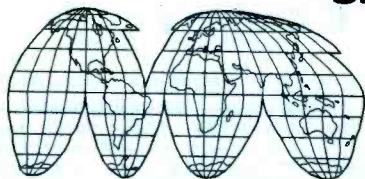
Your "DX MONTAGE" recently mentioned the Federal Express International Newsletter. This had been a monthly publication but recently has become a bit more sporadic. When issued by FedX, it lists details on many international holidays. It might take a few telephone calls to reach the correct international department person at FedX, but any FedX customer can request to have this International Newsletter publication mailed on to him. It is free as part of the FedX service to customers.

If your home address is far enough north that the winter breezes and the accompanying white stuff mean you dress warmer during these months, check out two comfortable sweatshirts. BBO World Services Mail Order, Bush House, Strand, London WC2B, 4PH, England has a black sweatshirt with their silver World Service crest in L or XL for £11.06 with major credit cards accepted. Great Northern, POBox 17338, Minneapolis, Minnesota 55417 (612-727-2489) has added the Zenith "lightening bolt" sweatshirt in XL size to their stock; the price is \$24.95 which includes shipping (Visa and Mastercard plastic can be used).

More competition to that famous SEIKO World Time Touch Sensor clock and this time it is in wristwatch form. The Rand McNally direct mail catalog people list a "CASIO World Time-Temperature Watch" (#80748-X) for \$59.95 (plus \$7.75 shipping). This watch offers specific information for "23 locations worldwide" and it is pre-programmed to the year 2029 to offer hour, minute, second, am/pm, year, month, day, date and temperature averages "at the touch of a button". Telephone 1-800-234-0679, FAX 1-708-673-7337 or write to Post Office Box 1697, Skokie, Illinois 60076-8697.

I guess the Ontario DX Association is taking us into a series of QSL aids. A new \$3. offer from them is "QSL Summary - Asia". The original offer of the Africa QSL List was printed on three-hole, normal notebook-sized white paper. Apparently we can put the sections together in our own order of importance in a booklet form. The address of ODXA is Post Office Box 161, Station A, Willowdale, Ontario, M2N 5S8, Canada.

SPEEDX Utility World



Chuck Yarbrough, Editor
Johnsons Mobile Court, Lot 29
Route 6
Statesboro, Georgia 30458
(912) 681-9526

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

I hope everyone had a good Thanksgiving holiday. Christmas is upon us as well as hopefully better atmospheric conditions. We have a large number of loggings this month, but before we get to them there is a little ute news this month. In addition, we have a guest article by Robert Hall of Capetown, South Africa on the AMVER network. I will also review a couple of new ute books (just in time for Christmas!).

SRI RTTY Establishes English Service

It appears that the Swiss Radio International Radioteletype Service has expanded their service to include an hour of English daily. It also appears that the English service has replaced the Italian language broadcast segment.

As monitored here in Georgia on 9 November 1991, the SRI RTTY Service schedule is as follows:

1700-1800UTC In English on 15835 to Australia
1830-1930UTC In French on 17530 to Africa
2000-2105UTC In French on 10515 to Asia
0030-0130UTC In German on 10515 to SAm
0200-0300UTC In German on 10515 to NAm

All SRI broadcasts are 50 baud/170 shift Baudot. It appears that the good people at SRI are quite receptive to audience feedback. It still does not make much sense for them to transmit German to NAm and SAm, however. Perhaps each of you could help them make up their minds?

Greetings from Mike Hardester

Mike Hardester sends us a correction to the published QSL address for the USCG ship THETIS (WMEC-910). From the USCG base in Miami, Florida comes the new address:

Commanding Officer
USCGC Thetis (WMEC-910)
c/o Commander
U.S. Coast Guard Group
Key West, Fla. 33040-0005

Mike also lets us know that the USCG Cutter Point Brown (WPB- 82362), which had been stationed at the USCG base Ft. Macon (Atlantic Beach, NC) was recently decommissioned. In its place has been reassigned the USCG Cutter Block Island. No other information on the new ship to date.

AMVER!!!!!!

byRobertHall

AMVER stands for "AUTOMATED MUTUAL ASSISTANCE VESSEL RESCUE SYSTEM" by which a special computer, operated by the US Coast Guard in New York, coordinates the actual and predicted positions of all ships which take part in the AMVER system.

As the system offers an easy and low cost way of adding a high degree of safety at sea, most modern commercial vessels participate by reporting their positions at least once every 36 hours to their nearest main coastal radio station.

There are four types of AMVER signals:
AMVER/SP--which gives details of a ship's sailing plan.

AMVER/DR--which reports on any deviations from the sailing plan.

AMVER/PR--which reports latitude and longitude position, course and speed.

AMVER/FR--which reports a ship's safe arrival at port.

AMVER signals can be made by CW, USB, or SITOR-A modes, but SITOR-A is most often used because it utilizes the telex type written word and is therefore less likely to become corrupted or misunderstood than CW and USB.

A recent example of a local [South African] AMVER/PR signal to ZSJ Capetown from the MV Pembroke as recorded on my printer is as follows:

```
PSE DO U RCVD AMVER REPORT FREE OF
CHARGE BY TLX +?
YES IF IT GOES TO AMVER ZSJ CAPETOWN +?
THIS IS TO ZSJ GA +?
STBY OK CONNECTED QRV K +?
AMVER/NYK
A/PEMBROKE/3EQQ3// [ship's name and
                    registration number]
B/220900Z// [time of PR message in UTC]
C/2954S/03739E// [Lat/Long PR, note Long
                  given in 5 digits]
E/065// [course in degrees,
         note no "D/"]
F/13.5// [speed in knots]
OK TNKS NIL NW BIBI +?
TKS DISTORTED NIL NW BIBI +?
```

Frequencies used for normal AMVER signals are those commonly used between ships and their nearest main coastal radio station. Thus Capetown Radio receives AMVER signals in the SITOP-A mode on 4214, 8428.5, 12601, 16816, and 22408 kHz, and acknowledges on 4176, 8388.5, 12498.5, 16692.5, and 22316 kHz. In the above example, MV Pembroke transmitted on 8388.5 and Capetown acknowledged on 8428.5 kHz.

Incidentally, ZSJ is the callsign of the South African Navy which operates the AMVER system from their Silvermine base south of Capetown. ZSC is the callsign for Capetown Radio.

Thanks Robert, for that informative article. I never realized that ZSJ and ZSC were actually operated by different transmitting authorities.

New Publications

Several new publications have come across my desk over the past month or so, and I thought I'd give you brief reviews of each one. Here we go.

USSR Merchant Ship List by Jason Berri

This book, just published by Universal Radio Research, is an excellent resource for the radioteletype enthusiast who likes to decode Soviet shipping traffic. No previous knowledge of Soviet RTTY is needed to use this book.

Jason has done a superlative job of demystifying the seemingly arcane Soviet protocols. The first third of this 71-page book introduces the reader to the Soviet Merchant

Fleet (MORFLOT) and how to decode their transmissions.

The bulk of the book contains Jason's database of Soviet ships by callsign, by ship name, and also by Ship Serial Number. Why list the same information three different ways? Often when you intercept a message, you will not always have all three pieces of information by which to identify the vessel. By looking up the callsign you can then find the name of the ship.

This book is the only listing of the Soviet merchant marine available to the hobbyist in existence. All data has been updated (after all, this is the fourth edition!) and if a ship has not been recorded within the previous five years it was deleted from the database. This procedure ensures that only the most accurate data is included.

As you all probably know, Jason Berri is a SPEEDX editor, so his writing is not entirely unfamiliar to you. I wholeheartedly recommend this essential work to all SPEEDX readers.

Air and Meteo Code Manual By Jorg Klingenfuss

Jorg Klingenfuss, the renowned ute writer, has just published his new 12th edition of the Air and Meteo Code Manual. Since I previously used the 10th edition, I will compare these two editions. The new edition is about 65 pages longer than the 10th edition.

As with all of Klingenfuss' new editions, this book is laser printed and uses many more graphic images to illustrate his information. Another improvement of this edition over the 10th is the expanded section on Meteorological Code Forms--the information patterns which enable you to interpret what the data means.

Who would use this book? Since this is a specialty publication, RTTY monitors who wish to decode weather data from various airports around the world will find this book essential reading.

This book is the ONLY publication which covers this topic in detail. An added benefit of this book is that in most cases it is more understandable than the original World Meteorological Organization (WMO) publications upon which it is based. It is also MUCH less expensive than buying all of the relevant WMO publications.

I consult this book at least once a week, so I can recommend it as useful!

The RTTY Listener

edited by Fred Osterman

Another new publication from Universal Radio is the new assembly of issues one through twenty-five of the *RTTY Listener*. For those of you who do not know, this publication is an in-house limited distribution quarterly newsletter published by Universal on digital communication.

As Fred Osterman, Manager at Universal, said, this book is not a beginners text. It is for moderate to advanced level RTTY/CW/FAX monitors. The easy to read 'scrapbook' style of the book makes it easy to read and also allows the reader to see the rapid historical evolution of the RTTY monitoring hobby. This book contains all of the newsletters from June 1985 through December 1990. Going back and viewing old issues allowed this writer to finally 'crack the code' on ARQM2 and VFT modes by explaining how to tune them.

One exclusive feature of this newsletter (ie. this book) is the excellent listing of French Army circuit identifiers and callsigns. This is the resource I use in determining where transmissions using the RF prefix come from and to which frequency they are paired. This information itself is worth the price of the book to the serious RTTY monitor.

Another useful feature is the frequency section found at the end of each newsletter. Many of these frequencies are still active and can be intercepted.

Overall, I recommend this advanced resource to those of you who are not familiar with the *RTTY Listener*. For those of us who do receive it, this is a good way of keeping up with the old issues. It is a book well worth the price.

December SPEEDX Utility Loggings

Freq	Mode	UTC Call	Station/Comments/Contributor
2206.0	USB	0004 VAU	Yarmouth CG, CAN/fone patches/Karcheski-MA
3174.5	RTTY	1525 LOR2	Puerto Belgrano, URG/5igrps 50/425/Moon-RSA
3484.6	USB	0057 VFG	VOLMET Gander, CAN/Aero Wx/Bellovich-FLA
4342.0	SIT-B	0200 WLO	Mobile, USA/Pac Wx/Moon-RSA
4382.2	USB	0237 WMI	Buffalo, NY, USA/EE tfc Lst/Jones-TN
4369.8	USB	0230 WAK	New Orleans, USA/marker/Jones-TN
4438.5	ARO-E	2200 RFFQ	Nice, FR/'IKD'cir 72/425 NOTAMS/Conway-UK
4722.0	USB	0224 MVU	VOLMET RAF West Drayton/Moon-RSA
4788.0	RTTY	0014 6VY	Dakar, SEN/RYs 50/425/Moon-RSA
5023.75	VFT/ARQE	1500 DHL	Bremen or Stuttgart, GER/ 5 chnls centered on this freq in ARQE 96 & 72/85 hz shift (German State Security Freq.)/Conway-UK
5159.7	RTTY	0321 5UA19	AFTN Niamey, NIG/meteo & tfc/Hall-RSA
5312.0	RTTY	0645 DZFG	MFA Belgrade, YUG/Serbo-Croatian Nx 75/425/Conway-UK
5381.5	SIT-A	1930 RETWBZ	Zaragoza Guardia, SPA/SS tfc to RETXO 100/425/Conway-UK
5541.0	USB	0302	LDOC Stockholm, SWE/FF tfc/Moon-RSA
5696.0	USB	0228 Cape Air	USCG Cape Cod, USA/wkng a/c/Karcheski-MA
5818.6	RTTY	0348 9HA	Luqa Air, MALTA/RYs 50/425/Hall-RSA
6414.5	CW	0223 XFA	Acapulco, MEX/marker/Jones-TN
6603.8	USB	0145 KEA5	New York VOLMET/aero wx/Bellovich-FLA
6745.0	AM	0149 CI02	UNID Numbers Sta/EE Phonetics/Bellovich-FLA
6972.0	RTTY	1932 YOG59	Bucharest, ROU/ROMPRESS EE Nx 50/425/Conway-UK
6997.7	VFT/RTTY	2259 MKK	London, UK/RYs on sev chnls/Conway-UK
7532.0	USB	2332	UNID Numbers sta/GG YL w/musical tones commences 'gruppen'/Karcheski-MA
8524.0	CW	0615 WNU33	Slidell, USA/marker/Rude-WI
8569.0	CW	0616 WNU43	Slidell, USA/marker/Rude-WI
8687.0	CW	0618 WNU53	Slidell, USA/marker/Rude-WI
8972.0	USB	0629	Delta wkng Hotel (MilComm)/Rude -WI
8984.0	USB	1748 NMA	COMMSTA Miami, USA/wng N5W/Bellovich-Fla
9106.0	USB	2036	UNID Antarctic base in Duplex playing triva quiz!!/Moon-RSA

9340.0	RTTY	2130 LZM6	Sofia Meteo, BUL/mkr 75/425/Conway-UK
9432.7	RTTY	0541 C9E3	Maputo, MOZ/RYs 50/425/Moon-RSA
10050.0	USB	1507	New York VOLMET/Wx Rpts/Fine-MD
10215.0	RTTY	2214 HZN48	Jeddah, ARS/coded wx 100/850/Conway-UK
10398.0	RTTY	0745 HGX21	MFA Budapest, HUN/50/425marker/Conway-UK
10483.0	ROU-FEC	0750	MFA Bucharest, ROU/encrypt tfc 164.5/425/Conway-UK
10547.5	SIT-A	0830 ???	Rome, ITA/5Lgps w/Italian signoff/Conway-UK
10636.0	CW	0619 KKN50	MFA Washington, USA/marker/Rude-WI
10749.5	ARQ-E	0512 ???	UNID??/encr tfc 192/425/Conway-UK
10917.7	ARQ-M2	24hrs RFTJ	Dakar, SEN/'TJF' circ. Controle de Voie 48/425/Conway-UK
11007.0	FEC-A	9VF57	Singapore PIAB GG nx 96/425/Conway-UK
11123.5	FEC-A	0640 DLG2612	PIAB Bonn, GER/marker 96/170/Conway-UK
11246.0	USB	1541 AFE8	MacDill AFB, Fla, USA/fone patch/Jones-TN
11476.0	RTTY	1851 HMF52	Pyongyang, NKOR/EE Nx 50/400/Conway-UK
12554.0	CW	2244 PPO	Olinda, BRAZ/marker/Fine-MD
12564.0	RTTY	0140 UNYR	SovTanker ACHKANOV tfc to Novorossiysk/Berri-CA
12575.0	RTTY	2358 EOYW	SovTrawler ARABAT tfc Kerch 50/170/Fine-MD
12580.0	SIT-A	1910 GKE5	Portishead, UK/tfc/Babin-MA
12590.0	SIT-A	1925 EAD	Madrid, SPA/tfc/Babin-MA
12592.5	SIT-A	2230 NMN	USCG Portsmouth, Va, USA/tfc/Babin-MA
12594.0	SIT-A	2235 PPR	Rio de Janeiro, BRAZ/SS tfc/Babin-MA
12596.5	SIT-A	2245 PCH	Scheveningen, NED/Freq List/Babin-MA
12601.0	SIT-B	0015 ZSC	Capetown, RSA/tfc list/Babin-MA
12602.0	CW	2351 SVS	Athens, GRC/marker/Fine-MD
12603.0	SIT-A	0025 GKY5	Portishead, UK/tfc/Babin-MA
12605.5	SIT-A	0030 FFT	St. Lys, FR/marker/Babin-MA
12662.0	CW	0008 7TF	Algiers, MOR/marker/Fine-MD
12688.0	CW	2158 UJY	Kaliningrad, RUS/maker/Fine-MD
12701.0	CW	2334 HPP	Panama Intelmar, PAN/marker/Fine-MD
12752.0	CW	2254 CWA	Cerrito Punta, URG/marker/Fine-MD
12782.0	CW	0110 YUR	Rijeka, YUGO/marker/Lueck-NY
12839.0	CW	2007 GKB/1	Portishead, UK/marker/Fine-MD
12881.0	CW	1747 WSC	Tuckerton, NJ/marker/Fine-MD
12833.0	CW	0119 XFM	Manzanillo, MEX/marker/Fine-MD
12845.0	CW	1515 DZE	Mandaluyong, PHIL/marker/George-MA
12923.0	CW	2240 UQA/4	Kiev, RUS/marker/Fine-MD
12982.0	CW	2331 PPL	Belem, BRAZ/marker/Fine-MD
13010.0	CW	0618 WNU44	Slidell, USA/marker/Rude-WI
13269.0	USB	2142 WFY70	New York VOLMET/aero wx/Bellovich-FLA
13506.5	SIT-A	1610 ???	UNID?/5lgrps w/EE signoff/Conway-UK
13538.0	FAX	0750 ZR03	Pretoria, RSA/Wx maps/Hall-RSA
13563.0	RTTY	1542 3MA22	Taipei, TAI/marker 50/850/Conway-UK
13906.1	ARQ-M2	0650 VER??	Ottawa, CAN??/encr tfc 96/425/Conway-UK
13920.0	FAX	2115 AXM35	Canberra, AUST/Wx map of NZEAL/Babin-MA
13996.8	RTTY	2130 STK	Khartoum, SUD/RYs 50/415/Babin-MA
13354.0	USB	0037	Honolulu ARINC, USA/tfc/Karcheski-MA
13457.0	USB	1647 KCP63	Denver, CO, USA/FAA Western Net Roll Call many heard/Flynn-OR
14294.9	USB	2304	NASA Houston, USA/Discovery air-to-ground Comms (nice catch!)/Bellovich-FLA
14353.0	RTTY	2145 GFL24	Bracknell, UK/coded wx/Babin-MA
14451.5	USB	0020 numerous	PRIMARY USN MARS FREQ./Karcheski-MA
14490.0	RTTY	0440 RNK36	Moscow, RUS/TASS EE nx/Berri-CA
14610.0	FAX	0416 RCR79	Khabarovsk, RUS/NWPac Wx Mp/Berri-CA
14634.0	RTTY	1625 9UA	AFTN Bujumbura, BDI/RYs 50/425/Moon-RSA
14669.3	ARQ-E	1642 RFTJD	FF Libreville, GAB/Controle de Voie 72/836/Hall-RSA
14737.0	FAX	0450 RX072	Khabarovsk, RUS/Prog Map/Berri-CA

14747.4	RTTY	1623 RUZU	SAAM Molodeshnaya, ANT/50/503/Hall-RSA
14754.0	ARQ-E	1858 RFFXI	Bangui, CAF/R/5lgrps tfc 72/425/Conway-UK
14760.4	RTTY	1620 BAT93	Beijing, PRC/XINUA EE nx 50/403/Hall-RSA
14764.4	RTTY	1615 A9M70	Manama, BAH/GNA nx 75/331/Hall-RSA
14809.0	VFT/RTTY	0638 GXQ	London, UK/Brit Army markers on seven chnls 50/170/Conway-UK
14926.5	ARQ-E3	0124 RFTJ	Dakar, SEN/ 'TJD' circuit 48/41 6/Babin-MA
15046.0	USB	2205	SPEEDBIRD 217/fone ptch to UK/K archeski-MA
15583.0	SIT-A	0025 HPP	Panama Intelmar, PAN/tfc/B abin-MA
15858.5	ARQ-E	0635 DMK?	Cairo, EGY/GG Egypt Embassy w/mssgs to Bonn 96/170/Conway-UK
15876.0	CW	1450 3MA3	Taiwan/QRA marker/George-MA
16031.4	ARQ-M2	1138 RBI75	Moscow, RUS/Chnl A tfc to 'Kabul Afghanistan' & 'MAF994' 96/425/Conway-UK
16055.3	ROU-FEC	0935	Bucharest, ROU/ encr tfc 164.5/ Conway-UK
16087.7	ARQ-M2	1940 RFXI	LePort, REU/'REI' circ 100/425/Conway-UK
16101.0	RTTY	0430 FZM62	Noumea, NCL/Diplo FF Nx 50/425/Berri-CA
16151.7	SIT-A	1030	Algiers, ALG/Egypt MFA w/tfc to Cairo ATU-80 AA text 100/170/Conway-UK
16312.5	ARQ-E	24hrs ????	UNID?/contin encryp tfc 192/425/Conway-UK
16700.0	RTTY	0036 UY0Q	SovCargo Shp RDSTOV tfc to SPB St.Petersburg, RUS (Leningrad LNG has changed to SPB)/Berri-CA
16786.0	RTTY	2335 UWYS	SovShip KULIKDVO tfc Murmansk/Fine-MD
16801.5	RTTY	0125 UBCI	SovTrawler KURSMKAYA KOSA clng LNG 50/170/Berri-CA
16802.0	RTTY	0148 USJZ	SovFish Fac SERGEI VASILISIN tfc to UDK2 50/170/Berri-CA
16807.5	SIT-A	2115 GKE6	Portishead, UK/EE shp manifest/Babin-MA
16809.5	SIT-A	2100 EDJ6	Madrid, SPA/SS tfc/Babin-MA
16810.5	SIT-A	2130 FFT	St. Lys, FR/EE shp tfc/Babin-MA
16813.0	SIT-A	2135 UAT	Moscow, RUS/coded wx/Babin-MA
16824.0	SIT-A	1848 GKP/6	Portishead, UK/tfc/Fine-MD
16907.4	CW	1730 DHS	??, GER/CQ marker/Karcheski-MA
16924.0	CW	0015 CLS	Industria Pesguera, CUB/marker/Fine-MD
16932.0	CW	1747 7TF	Skikda, ALG/marker/Karcheski-MA
16963.0	CW	2249 SVB	Athens, GRC/marker/Fine-MD
16963.0	CW	0127 CLA	Havana, CUB/Tfc Rpts/Fine-MD
17012.0	CW	1509 5BA	Nicosia, CYP/marker/George-MA
17019.0	CW	1754 DST	Dostende, BEL/marker/Fine-MD
17050.0	CW	1811 4XZ	Haifa, ISR/marker/Jones-TN
17196.0	CW	0046 PPR	Rio de Janeiro, BRAZ/marker/Lueck-NY
17232.0	CW	1505 UXN5	Archangelsk, RUS/marker/George-MA
17238.0	CW	1502 XSV	Tianjin, PRC/marker/George-MA
17412.0	CW	0118 KKN39	MFA Washington, USA/marker/Rude-WI
17916.0	USB	1657	LDOC Stockholm, SWE/tfc/Flynn-DR
18125.0	RTTY	1623 RND70	Moscow, RUS/TASS FF nx/Moon-RSA
18221.0	RTTY	1625 CNM77	Rabat, MDR/MAP FF nx //15600 50/425/Moon-RSA
18993.6	SIT-A	1605 SOT299B	Warsaw, POL/PAP nx idle/Hall-RSA
19117.6	SIT-A	1140	MFA Jakarta, INDO/EE & Indo Nx/Hall-RSA
19261.5	AM	1959	Bethany, USA/VDA EE Svc Feeder/Belovich-Fla
19405.2	SIT-A	1644 AYA/FSB63	INTERPOL Buenos Aires, ARG to Paris, FR coded tfc/Hall-RSA
19756.4	FEC-S	1230	MFA Jakarta, INDO/EE & Indo tfc also some 5lgrps 96/170/Hall-RSA
19821.5	SIT-A	1540 4UK	Khartoum, SUD/msg to 4UZ/Conway-UK
19980.2	RTTY	152D 9BC33	Teheran, IRAN/IRNA EE nx 50/397/Hall-RSA
20385.0	ARQ-E	1205 RFFX	Versailles, FR/'XXI' cir 72/425/Conway-UK
20734.0	SIT-A	1440 4UZ	Geneva, SWIT/UNO tfc to Baghdad/Conway-UK
20734.0	SIT-A	1455	Baghdad, IRAQ/ack. tfc frm Geneva Selcal=HCIB/Conway-UK
21865.0	TORG II	1000 ????	UNID??/tfc 'Antarkitida' & 'Molodevz' mentioned (USSR Antarc?) 100/425/Conway-UK
22315.0	SIT-A	0122 GFCV	shp AUKLAND STAR tfc to WLD/Berri-CA

22476.0	CW	0014 NMO	USCG Honolulu, HI, USA/CQ marker/Lueck-NY
23195.5	FAX	1646 UNID?	UNID (USAF?) Wx mps for US, EUR, AFR/Karcheski-MA
23501.7	SIT-A	1240 ????	Egyptian Diplo?/ATU-80 AA tfc/Conway-UK
23545.2	FEC-A	1015 DFX54	PIAB Bonn, GER/FF & GG Nx 96/425/Hall-RSA
23593.0	SWED-ARQL	1311	MFA Stockholm, SWE/100/399w EE & SWE nx from UDTEX & UD/PRESSRUMET/Hall-RSA
23971.9	RTTY	1125 JMG6	Tokyo, JAP/typhoon warning 48/833/Hall-RSA
24092.0	RTTY	0820 DZFG	MFA Belgrade, YUGO/EE nx then Serbo-Croat nx 75/425/Conway-UK
24408.8	ARQ-M2	0930 FJY3	Karguelen Is/marker & tfc 96/425/Conway-UK
25320.8	FEC-A	1536 DFZ32	MFA Bonn, GER/GG nx 96/400/Hall-RSA
26441.8	FEC-A	1536 DFZ64	PIAB Bonn, GER/GG nx 96/401/Hall-RSA
27999.4	SIT-A	1215 HBL88	ICRC Geneva, SWIT/FF tfc Kampala/Hall-RSA

Just Time For Some Late Breaking News!!!

Since I have a little extra space this month (providing The Amazing Janooz hasn't canned the extra page!!) I thought I'd give you guys a little Christmas bonus. What follows is simply some bits and snippets I have found through my voluminous research into the realm of utilities. Well, actually I just read a couple of articles, and.....

Air Force Space Command Forms 2 New Wings

from Aviation Week and Space Technology, 11 November 1991 (p.76)

"The Strategic Air Command will soon disappear into the Unified Strategic Command with headquarters at Offutt AFB, Nebraska. Command of the new multi-service unit will be assumed by SAC's current chief, General George L. Butler, and will include the Air Force's nuclear alert bombers and ICBMs.

By 1996, the assets of what used to be SAC will amount to 16 bases, 550 missiles, and fewer than 1000 aircraft, Lt. Gen. Robert D. Beckel, the 15th Air Force commander said."

Sounds like there may still be some room for those of you who really enjoy a good 'Skyking' intercept.

RadioTeletype Press Frequencies:

courtesy of Mark Burkart via FIDONET and Jason Berri

The following are RTTY transmissions which have been monitored in the US over the past month.

TASS--USSR				XINHUA--PRC			
Call	Time	Frequency	Baud/shift	Call	Time	Frequency	Baud/Shift
REB24	1200	14.700	50/425	BZP54	1255	14.367	75/425
REN30	0450	15.575	50/425	BZR66	1245	16.136	75/425
RBI78	1600	15.930	50/425				
RGW28	1320	16.140	50/425	TANJUG--YUGOSLAVIA			
RQV70	1615	18.050	50/425	Call	Time	Frequency	Baud/Shift
RND70	1430	18.125	50/425	YZD	0415	7.658	50/425
RRQ20	1510	18.385	50/425	YZJ5	1330	13.440	50/425
				YZJ6	1255	15.705	50/425
ANSA--ITALY				YZI4	1320	16.343	50/425
Call	Time	Frequency	Baud/Shift	YZJ4	1610	19.865.5	50/425
IRF50	0830	8.030	50/425	YZJ	1330	20.204	50/425
ISX20	1400	20.085	50/425	JANA--LIBYA/MALTA			
IRS23	1400	20.372	50/425	Call	Time	Frequency	Baud/Shift
ISX22	1630	22.955	50/425	5AQ62	1800	12.186	50/425
ISX24	1640	24.790	50/425	9HC67	0900	14.573	50/850
ISX25	1220	24.271.5	50/425	5AQ88	1600	20.560	50/425

Well, that does it for another month. I hope the DX Santa is good to you this year. If he isn't, BE GOOD TO YOURSELF!!! Until '92, Good DX and 73s,

Chuck

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