

Happy and safe holidays from the SPEEDX staff!

SHORTWAVE RADIO TODAY

December 1992

Volume 21, Number 12

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6th Annual Winter SWL Festival

February 18-21, 1993

Holiday Inn

Sumneytown Pike

Kulpsville, Pennsylvania

Once again, you are invited to the Annual Winter SWL Festival. This year, the 6th, promises to be twice as much fun as in previous years. At your request, we've added an extra day of forums and roundtables and the official opening has been moved to Friday morning. The forums and fun continue into Saturday. Come on out and share your enjoyment of the listening hobby, exchange tips and techniques and meet with friends from past SWL Fests. As usual, we'll have door prizes, station freebies, a silent auction, and a banquet on Saturday night.

Forum Topics -

Beginners' Forum	Easy Listening
DXing The Arabs	Tech Topics
Noise Sources: Seek & Destroy	Medium Wave DXing Tips
Panel Discussion: Current Tabletop Receivers	Utility DXing

And More To Be Announced....

Registration Options -

FULL - Includes forums, hospitality room, lunch and banquet - \$32
PARTIAL - Includes forums and hospitality room but NO meals - \$15
SPOUSE - Includes hospitality room and meals - \$17

This years GRAND PRIZE will be a Japan Radio Company NRD-535 Receiver! Your registration gives you 1 FREE entry towards this great receiver. Additional tickets are \$1 each or 6 for \$5 and are available by mail or at the Fest. If you buy your raffle tickets with your registration, we'll give you 13 for \$10! The deadline for this registration offer is February 6, 1993. Only WinterFest attendees are eligible for prizes and the Fest organizing committee are NOT eligible for the GRAND PRIZE.

**** Special **** Register early and win a SW portable! Your registration received by midnight January 22, 1993 will allow you one FREE entry towards this early bird registration door prize.

Checks should be made payable to WINTER SWL FEST. Registration for hotel rooms should be made directly to the Holiday Inn at (215) 368-3800 - As soon as possible! Special rates - \$59 single, \$64 double. Our function code with the hotel is WINTER SWL FEST. Please refer to this to get the special room rates. Listen to the ANARC SWL NET on 7.240 LSB at 10 AM Sundays for up to the minute info.

The Holiday Inn is located at EXIT 31 of the PA Turnpike NorthEast Extension -Lansdale Interchange. Improved access from the south with newly completed Blue Route - ask for details. Limo service is available from Phila. Intl. Airport directly to the Holiday Inn.

Please submit the following form with your registration amount or send for more information to:

Winter SWL Festival
PO BOX 591
Colmar, PA 18915

Name _____

Address _____

City _____ State ____ Zip _____ Phone _____

Circle: FULL PARTIAL SPOUSE (Spouse name: _____)

Banquet - Check : Roast Beef ___ Chicken ___ Registration Fee Enclosed: \$ _____

I wish to purchase _____ raffle tickets Tickets Fee Enclosed: \$ _____

(\$1 ea. / 6 for \$5 / Special 13 for \$10)

Total check/money order enclosed \$ _____

Registration cancellations after 2/6/93 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

THE DXPERIENCE



Send any interesting
DX/SWL info to:
Dan Brame
376 S. Jeffrey Lane
Wheeling, IL 60090

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

DECEMBER 1992

GREETINGS FROM WHEELING

Seasons Greetings and Happy New Year! By the time you get this, we should be submersed in prime DXing season. Did any of you hear St. Helena? All I got was a lot of static. Lately I've caught some real nice openings to South America, but I'm still waiting for Africa to open up with any kind of regularity.

So what's on your wish list for the holidays? Are you going to finally get that communications receiver you've been looking for? I know I won't, but one can always hope. Most of all, I'd just like to add to my HIC and VIC lists; maybe this will be the year I hear

Mongolia, Antarctica or something rare from the South Pacific!

One thing I'll definitely be looking for in my stocking is contributions from the membership. I would love to have my New Year's mailbox bursting with your cards and letters. Whether it's interesting news clippings, station items, contest entries, questions, comments, gripes or complaints, send them all in! Remember, this is your column—if I write it all, it gets a little dull.

Anyway, let's get on with it with notes from all over . . .

THE LATEST NEWS FROM DEUTSCHE WELLE

from tune in 11-12/92, via DW direct

The latest issue of DW's listener magazine has information on their new satellite/cable TV service available in the Americas. If you have a small or medium-sized dish, you can pick them up through the satellite Intelsat K on 21.5° west position, transponder H7.

To go along with this new programming, they are now publishing *Ihre Welle*, the magazine for DWTV. Their trilingual guide lists all of their German, Spanish and English programs with articles about upcoming features. There are specials about the German entertainment industry, the sights of Eastern Europe, WWII POWs, the Reichstag, the Bauhaus and the difficulties of reunification. I was also pleased to see Chicago's own Daniel

Barenboim (our Symphony Orchestra Conductor) on the back cover; he will be one of many classical music artists featured in December, leading a live performance of Wagner's opera *Parsifal* in cooperation with Westdeutscher Rundfunk and Sender Freies Berlin. If any of you out there can receive the programming, let me know what you think of it!

In other news, the BBC and DW will be working together "for a clear European picture of international events." The Director General of DW, Dieter Weirich, and his counterpart John Tusa are planning an exchange of journalists to create closer ties between London and Cologne.

UP ON THE SOAPBOX

from Peggy Thomson

Fellow SPEEDXers, listen up! I'm writing this not as your VP, but as a fellow member. This club belongs to all of us, and we are only as good or as bad as the membership dictates. Unfortunately, we seem very short on volunteers to help it run smoothly. We very desperately need someone, or maybe several someones, to take on the task of publishing our fine bulletin. Those of you who grumble at getting it late, what can you do to help get it out on time? We need a PR person, someone with a flare and time for correspondence. We could always use additional editors for backup. Do you type? Our publications need to be typed up by someone.

For most of us, DXing/SWLing is pretty much a loner hobby, being misunderstood even amongst our own families, but as a club, we **are** family and dependent upon each other for our existence. I realize that time isn't an easy thing to come by these days, much less extra time to spare, but some of you have more than you know what to do with. If you'd like to volunteer, let Bob Thunberg at headquarters know, and he'll direct you to where you're most needed. We can't offer fantastic perks or incentives, but I can tell you that it feels mighty good to be a part of an excellent club and to know that you help make it what it is.



AN INTRO TO DXING THE UTES IN CW

TIPS 4 DXING

There have been times when I have become frustrated with trying to dig foreign language IDs out of the surrounding din. Sometimes I just hit a cold streak and don't hear anything new for a month. It is times like these that I have delved into utility DXing.

Let us look at the benefits. There are no Deutsche Welles taking up all of the frequencies with 500 kw transmitters located in your backyard. There are no specific schedules to shoot for, and someone is always broadcasting. Finally, you can hear them all in the international language of Morse code.

Now wait, you do not have to be proficient in dots and dashes to enjoy this! I have never been able to copy code, yet I have still had some success on the bands. Of course, if it is exciting secret messages, frantic distress

signals or the banter of airline pilots you want, you need to look elsewhere. I am talking about DXing the maritime stations.

Personally, I have never owned a receiver with decent SSB reception, but many years ago I found out that in between conducting traffic at high speed CW (Morse code) or with voice on SSB, these maritime stations broadcast "markers" to hold their frequencies open. These consist of a simple message in code that looks something like this:

"VVV DE WMH WMH OBS? QRU? ANS 6 8 12 MHZ K"

The Vs that open the message are a key to let you know that this is a marker. You learn to listen for "dtdididah, diddididah, dtdididah," three dots and a dash transmitted three times. This is also often "CQ, CQ, CQ," a general call to anyone who is listening. Next comes "DE" which means from, announcing that the call letters are next. After the callsign, in this case, WMH from Baltimore, there may be more text such as what we see above, asking if there is any traffic for the station to handle on the 6, 8, or 12 MHz bands. The final "K" says that the message is over.

What stations can be heard? Well, I have been able to add Gibraltar, Martinique, Panama, Barbados and Cape Verde to my logbook, all countries with no regular broadcasting service. There are American and foreign naval stations like NAM in Norfolk, Virginia and FUM in Tahiti. Embassies have "fixed stations" such as KKN50 in Washington, DC. Other easy maritimes to hear include PPR (Brazil), TIM (Costa Rica), GYC (England), IAR (Italy) as well as several US and Canadian stations.

What do you need to hear them? Start with a Morse code chart, some paper and a tape recorder. You can find the chart in any encyclopedia or ham radio reference. A listing of international callsign allocations is also helpful, so you can look up what country is assigned, for instance, the calls 4XA through 4XZ (Israel). Any reference you can obtain such as the SPEEDX Utility Station Database will also make IDs easier.

Finally, where should you listen? Here are some bands to tune:

4063-4438 kHz • 6200-6525 kHz
8195-8815 kHz • 12330-13200 kHz • 16460-17360 kHz

Now I know some of you true utility DXers will scoff at this as not being very interesting. It does pass the time, however, between the top and bottom of the hour, and you can add to your list of countries heard fairly quickly. Remember to report your catches to Chuck Yarbrough's column! Good luck--I hope some of you find something new to enjoy!

(Thanks to The Complete Shortwave Listener's Handbook by Bennett, Helms and Hardy and The Shortwave Listening Handbook by Helms for background info.)



FORMAT-TUNED RADIO PREDICTED IN 1924

from Lefax Radio Handbook via Carl Huffaker

Lately I have run a few articles about the advent of radios that would tune in stations based on their formats; the listener punches in "Top 40," and the nearest preteen station would start blaring out of the speakers playing the latest ballad by a Fox network heartthrob. Well, our Mexico-based correspondent Carl Huffaker sent along a copy of a page out of a radio book from the 20s that predicted this very possibility. (No, not that prefabricated TV stars would make millions in music based on their looks alone.)

"[With] the growth of radio proceeding by leaps and bounds, obviously the perfection of devices that will increase its convenience will not long be delayed.

The simplification of receiving sets and the organization of broadcasting are bound to lead to radio reception requiring as little effort as pressing a button. The receiving set of the near future may well look like Fig. 1. The large dial would be used to adjust the volume of sound to any desired amount."

The passage is accompanied by a drawing of a simple box with a center dial and eight switches, one for each format: news, popular music, opera, recitals, time, sports, markets and lectures. Little did they know, we would need over twenty different switches for pop music alone!

HOKA CODE3 CW/RTTY DECODER

J & J Enterprises now has available the Hoka Electronics Code3 decoder. It works with any IBM compatible with MS-DOS 2.0 and 640k of RAM, and it includes a digital FSK Converter unit with built-in 115V AC power supply and an RS232 cable. For the uninitiated, you hook this between your radio and your computer, tune in an RTTY signal (those warp speed morse code transmissions), and the message appears in plain text on the screen! The press release lists 24 different modes that the software can decode. Each is preset with the most commonly seen baud rates and number of channels, all of which can be changed while decoding. There are

many other technical features as well as six add-on options.

For a more detailed report on the Code3, check out the May 1992 SPEEDX Utility World in which Chuck Yarbrough lends his expertise in explaining things that are way over my head. If you do not have this issue, send me a SASE and I will copy the article for you.

What's new since May, however, is that while the Code3 was previously available only from Holland, it is now sold in the U.S. by J & J Enterprises for \$495. If you are interested or would just like more information, contact them at 4001 Parkway Drive, Bossier City, LA 71112. Tell them you saw it here!

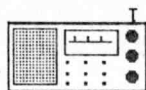
RADIO AND SOUND CATALOG

I received a rather quirky, yet interesting, catalog via SPEEDX HQ from Jabco Electronics. It is full of various and sundry items, from PCLink for the R-5000 to Voicegate III, an advanced noise reduction system, to Stop Scan for the Kenwood TS 430S. What makes this catalog different is president Jeff Brown's personalized look plus the price listings for his Creative Recordings studio. What other radio catalog offers a one-hour

cassette of the owner's original music compositions?

If you would like to receive the catalog, contact Jabco Electronics at R1 Box 386, Alexandria, IN 46001. For \$4.50, you can get a demo tape of the Voicegate system which was well received by Bob Grove of the Monitoring Times when version I was released in 1987. Drop Jeff a line and let him know SPEEDX sent you.





LAST MINUTE SHOPPING IDEAS

(I know this is probably more under the domain of "Trash & Treasure," but sorry, Don, I couldn't get it to you in time!)

Many of you SWLs and DXers are probably like me, and you enjoy poring over a good map. At least, I hope you are like me, because if not, I've just made an embarrassing confession. Anyway, I received a copy of the Rand McNally gift catalog, and it's chocked full of videos,

books, apparel, travel items and maps galore. They even stock the Grundig Yacht Boy 206 and the Sangean ATS-818CS. There are language courses, travelogues, globes, games and posters—everything the world traveler (authentic or armchair) could ever want! In addition to their 20 retail map and travel stores nationwide, they have mail order service. Call (800) 234-0679 for more info.

RADIO ROMANIA INTERNATIONAL LISTENERS' CLUB

from RRI direct

If you can hear RRI with any regularity and would like to be a monitor for them, you can take advantage of their listeners' club. For sending them a report each month, you will receive the following items: 1st year, a diploma; 2nd year, an old timer label; 3rd year, another diploma; 4th year another old timer label; 5th year, the Honorary Diploma; and 10th year, the "Special Silvery Diploma!"

This sounds pretty intense, but it's always fun to enter into regular correspondence with a radio station. You tend to receive those extra goodies and personalized notes. You can write RRI at English Department, P.O. Box 111, 70749 Bucharest, Romania.

By the way, if you're involved in any other station's listeners' club, please let me know the details so I can provide them here.

HELP WANTED

I need someone who can review a computer software title that has been sent to me called Kenwood HamWindows. The requirements are a PC compatible (386 SX at 16 MHz with 4M of RAM), a 3.5" disk drive, IBM MicroSoft DOS version 3.2 and Windows 3.0. I have all of the disks and the manual, but I'm a Macuser, and I don't really have access to an IBM. As a musician and graphics person, the Mac really can't be beat. I like my friendly computer that smiles at me and doesn't require me to know all of those arcane strings of text just to get into a program. Just point and click, that's all I

want to do. I know there are those of you (yes, you, Eddie) who call it the "Macintrash," but for us teachers, the Mac is the way to go.

Anyway, if you are interested, drop me a line, and I'll send you the stuff. All I request is that you write a detailed review of the program, so serious inquiries only, please. Let me know also if you are a ham and if you have a Kenwood transceiver that you can interface with your computer. The program is basically for amateurs, but it has many functions of interest to SWLs as well. I hope to hear from some of you soon!

THE SPEEDX CLASSIFIED ADS

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

FOR SALE: 20 shortwave/ham/electrical/software disks. PC/MS-DOS format. \$39.95 + \$5.00 s/h. Contact Howard Bacon, 213 Holly Ave, S Pittsburg, TN 37380.

WANTED: Popular Communications, August '83 issue. Will pay \$5 for a copy in good condition. Contact William Via, 1870 Marshall Rd, Baltimore, MD 21222-3139.

Early deadline this month--no contest winner yet. Send in your entries for last month's contest and win your choice of a cool shortwave book! See you all in the new year! -- DB



Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

DECEMBER, a religious time, a joyous month, a month to think Merry Christmas, a time to offer good wishes to all and to say "God Rest Ye Merry, Gentlemen" but also a month when that crass merchandising attitude reduces your financial life close to poverty level. As our Christmas gesture "TnT" offers you a Wish List which perhaps you could copy and leave unobtrusively in various places in your home--a copy in your childrens' shoes, a copy inside the refrigerator, a copy fitted in the often-borrowed car key ring or wherever else you think the proper family member might have an opportunity to take that hint.

Sorry, though, this Wish List won't include any of those really important (but expensive) wishes which include initials in the product name--you know, like FRG, HF, NRD, R or RF. Let's face it, your children prefer to save their big money for ear drum enjoyment from Pantera or Danzig or their classical dreams such as a retrospect of the Doors. (Whatever happened to soothing voices like Chris Connor's or Kate Wolf's?)

1993 DREAMS to fill your radio room and increase your radio happiness---

WRTH--World Radio TV Handbook. This should be available early in January. I can think only of CLASSIC as a one-word description. For years (this is #47) this handbook has been important to every shortwave listener. It is not perfect but we listeners should thank the editors and contributors of the WRTH for giving us so many years of as top quality service as possible. Your radio library needs this book. Any source of shortwave radio information should probably have this book available for you--the price might be discounted.

Passport to World Band Radio. Each year has brought improvement to this effort. I thought the 1992 edition was the pinnacle of success for the publisher but the 1993 edition has proved that I was wrong. 1993 is definitely a valued asset for your radio library. (Sorry to all you dealers out there--I found my copy at the neighborhood magazine store--I guess this means that Passport even might have a better distribution potential for our purchase.)

Language Lab. This correctly is a SET of four separate foreign language reporting guides, Spanish, Portuguese, French and Indonesian. I've used them and I've had short notes sent to me with my wanted QSL thanking me for writing in such a fluent manner in their native language. I don't know what I wrote but I knew what the English translation was and I copied the other language just as carefully as possible. Not every radio shop may have all four efforts so keep in mind the publisher, Tiare Publications, should have the entire set in stock.

Proceedings. Five straight years (since 1988) of spectacular shortwave radio source information from the people of "fine tuning". The way to describe this set of books could be Creme de Creme of Reference Information--it is like an encyclopedia of radio information. While some radio clubs offer Proceedings for sale, the best source would be "fine tuning" Special Publications c/o John Bryant.

The Booklist. A freebie from Radio Nederland which lists every possible book, periodical, pamphlet, tape or guide you might want to obtain so you could enhance your knowledge of your hobby.

We're near the end of this page so how about the listing of merely some titles--you could always high light the ones you want on your want list. LA DX-ing, Time Signal Stations, The Literature of Shortwave Radio, Secrets of Successful QSL'ing, Shortwave Listening Guidebook, Tropical Band Survey, Latin American Radio World.

MERRY CHRISTMAS--may you and your family be happier tomorrow than you are today.

SHORTWAVE TO GO!

News and information from the
Shortwave Paradise BBS

Dale Vanderpoel,
Sysop and Editor

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

Welcome to the column again this month! We have a host of DX news to present to you so sit back, stay warm, and enjoy.

We are now getting poor reception of R. Vlaanderen Int'l most of the time, both at 1400 UTC on 21810, 17550, and 0030 UTC on 9930 KHz) so you will not find consistent reports from "RadioWorld" all the time. BUT, as of this month, (and hopefully till April 1993) we are happy to bring you DX news from R. Japan's Media Roundup (RJMR) hosted by Himori Ito to try and fill the gap left by R. Vlaanderen Int'l's "RadioWorld". I hope all will enjoy the DX tips we present via Radio Japan's Media Roundup this winter.

WESTERN HEMISPHERE

- R. Canada Int'l:** for peacekeeping forces in Yugoslavia, Somalia, and Cyprus heard 2000-2029 UTC on 11945, 13650, 15140, 15325, 17820, and 17875 KHz. (Probably 1/2 of the broadcast is in EG, 1/2 in FR) (WoR #665)
- KNLS, Alaska:** New Schedule out, EG 0800-0900 on 7365 KHz, and again 1300-1400 UTC using 7355. (Some JP in EG program) RU 0900-1000, and 1200-1300 UTC on 7365, and 1400-1500 UTC on 7355 KHz. CH 1000-1200 UTC on 7365, 1500-1700 UTC 7355, and 1700-1800 UTC on 6150 KHz. (RJMR, 11/21)
- WWCR:** daytime "Dr. Gene Scott" service did switch to 13840, however Saipan objected due to interference into Australia so, WWCR is moving Dr. Scott again to 13845 sometime after Oct. 27. The schedule for Dr. Scott will be 1400-0100 UTC on 13845, and 0100-1400 on 5920 KHz; 12160 is no longer being used. (WoR #665)
- WWCR:** making two frequency changes, one already went into effect on Nov. 9th 5935 KHz replacing 5920 for Gene Scott overnight. The other is their daytime frequency 15690, which will shift down to 15685 as of Fri Nov 20. "Crossband RNI" with Big Steve Cole is back every 2nd + 4th week at 0300 UTC Sunday on 7435 KHz running 30 minutes (on tape). (WoR #668)
- R. New York Int'l:** is now on WWCR (7435 KHz) from 0300-0600 UTC Mon. due in part to the time shift, and also due to them not paying their bills on time, so their hours have been chopped. (WoR #666)
- Hausers:** gh ran across this on an August CBC "Sunday Morning" tape about Canadian teens. "Hausers" dress in baggy pants and sneakers, they have a distinct dance, but mainly they're about attitudes. gh further says "I sure hope they're spelling my name right." Has gh unwittingly started a movement among the youth in Canada?
- KCBI, Dallas:** is about to come back on, but is having trouble with the transmitter. Originally scheduled to be back on Nov 1. Will be on as soon as they get the transmitter going. They will be back on 9815 from 0230-1400, and 15375 from 1400-0230 UTC. (WoR #667) gh heard them on 15375 with tone tests only, 1818 to 2005 UTC. This will be just another outlet for Dr. Gene Scott. (WoR #669)
- KJES, New Mexico:** was missing again in early November. gh found out that capacitors in the transmitters start to burn when they applied power. The engineer is in Costa Rica because of other obligations. They have a local engineer is trying to figure out what's wrong. Whenever possible they will resume schedule as follows: M, T, W, and F 1300-1600 UTC on 11715, and 1800-1900, + 2000, 2100 on 9510. (WoR #667)
- WFLA, Tampa:** GH has been hearing their little SW relay more often now on 25870. He said that this is a good source for the "Paul Harvey" programs if you are outside the U. S., or you are in someplace where he's hard to get. Schedule for Paul Harvey's programs are: M-F 1330, 1715, + 2235 UTC, Sat. 1705 UTC. (WoR #666)
- CSM, Boston:** WSHB + WCSN are revising their schedules as of Nov 17 using new frequency 5850 KHz. WSHB will use it from 0000-0600 for EG, unknown when WCSN will try to use this frequency. (Larry Nebron, WoR #668)

- R. Havana, Cuba:** heard on 9815 USB recently from 0000-0200 UTC replacing 13660 for this time of year. (RVI RadioWorld, 11/21) Using 6180 for EG Carib. service at 2200, and 0400 UTC. gh asks "Who is Arnie Coro? He appears occasionally giving his propagation report at the end of their SP DX program (Sun. 1335-1350 on 11760). In SP, but never in EG, he gives a 2nd surname which sounds like a Slovak name but, haven't quite figured out what it is. It makes me wonder if Arnie Coro is part Russian?" says GH. (WoR #667)
- RFPI, Costa Rica:** has a surprise NEW frequency of 6200 KHz, but this is only for daytime service in SP 1400-1700 UTC. (gh, WoR #665) RFPI is moving 7375 KHz frequency (for at least one week test) to 6200 KHz for overnight period. Reports requested on this frequency. (WoR #666) gh could not hear them on test of 6200 KHz, but Brian Alexander did pick them up with a fair signal at 1128 UTC, and later at 0207 UTC very weak. GH noted they are now back on 7375. (WoR #667)
- RFPI:** *World of Radio* airtimes on RFPI include Sun 0200, 1000, + 2300 UTC; Mon 0700; Tue 1900; Wed 0300, 1100; Fri 2000; Sat 0400, 1200, 1800 UTC. (WoR #667)
- Spanish National Radio- Costa Rica Relay:** all in SP: 2200-0200 to South America on 17845, 2300-0100 to North America using 21460, 0100-0300 UTC on 15110, and to Central America 0100-0500 UTC on 5970. They are broadcasting Sat. 1830-2100 UTC, and Sun. 1500-2000 UTC on 17845, 15365, 9745. (WoR #667)
- AWR, Costa Rica:** Don Thorton has heard them finally reactivated on 5030 + 9722.5 KHz with EG from 2300-0100 UTC, and gh has heard them around 1220 UTC in EG on 9725 KHz. (WoR #668)
- HCJB:** is just beginning a major project at the request of the Ecuadorian government to put on several local MW and FM stations in jungle communities in the southern and Eastern parts of Ecuador. (RNMN, 10/22) Their 2nd SSB frequency 17490 is active again during most of the day. (WoR #668) HCJB is now back to using the old R. Fax frequency of 6205 heard at s/off 0830 UTC. (RNMN, 11/19)
- Escuelas Radiofonicas Populares, Ecuador:** heard on 5010 KHz at 0207 UTC with good signals. (Quito Logbook, DXPL, 10/31)
- R. Eco, Peru:** heard at 0235 UTC on 5097 KHz with a fair to good signal into Ecuador. (Quito Logbook, DXPL, 10/31)
- R. Cora Del Peru:** received on 4915 KHz in SP fair signal, music, ID, and greetings at 1028 UTC. (Jim Clair, DXPL, 11/7)
- RAE, Argentina:** Franz Vossen reports that RAI is now starting its broadcasts one hour earlier with EG to Europe, and Africa from 1800-1900 UTC on 15345, and to North America from 0100-0200 UTC using 11710. Other language services include ITA from 19-20, FR from 20-2100 GM from 21-2200, SP from 22-2300. (All using 15345 KHz) and FR to NAm from 02-0300 UTC (Using 11710 KHz). (RVI RadioWorld, 10/24) RAE moved its whole schedule up one hour on Oct 18, i.e. JP is now on M-F 0900-1000 UTC on 11710 KHz. (RNMN, 11/14)

EUROPE

- R. Luxembourg:** heard here in FR at 0152 UTC with EG pop music up till 0200, then had on news, s-off at 0205. (Editor)
- AWR-Europe:** has moved its EG broadcasts 1 hour later, now at 0530-0600 UTC on 15125; and 1700-1730 using 12030 KHz. (WoR #667)
- R. Czechoslovakia:** at 0400-0430 UTC new frequencies were noted mainly 11985, + 13715 KHz. (Arthur Cushen, DXPL, 11/21)
- Croatian Radio:** hearing EG 2203-2209 UTC on 5085 and 6210 KHz (RVI RW, 11/21)
- Croatian Radio:** Andy Sennitt of the WRTH reports in that Croatia is now beaming 6210 KHz in two different directions, one at 125 degrees and also at 305 degrees with a power of 10kw. 9830 KHz uses an omni-directional antenna with power output of 10kw, and 13830 KHz is beamed at 270 degrees and using a power output of 2kw; though it does quite well with just 2kw. (RNMN, 10/22)
- R. Yugoslavia:** heard EG to NA 0100-0130 and 0200-0230 UTC on 9580; they also announced morning svc to NA to return at 1230 UTC on 17740 KHz. (WoR #669) Brian Alexander found another frequency for their EG 1/2 hour at 2200 UTC that being 9505 KHz, also still on 6100, 7200 KHz. (WoR #666)
- R. Bosnia-Hercegovina:** heard on 6219.96 KHz after Bulgaria closed at 2155 UTC, heard till 0105 UTC by Brian Alexander in an unID language? (WoR #669)
- R. Sofia:** it has been reported that Bulgaria is now using the NEW frequency of 6235 for EG to Europe at 1830 UTC. (RNMN, 11/19)

Voice of Greece: EG schedule to NAM M-A 0130-0140 UTC on 9395, 9420, 11645. Again from 0340-0350 using same 9395, 9420, 11645. Other EG times are 1530-1540 using 15630, 15605, 17525 M-A, and from 1230-1245 UTC "Daily" on 15635, 15650, 17515. (WoR #665)

RCL, Canada-European Relays: NEW frequencies for 0400-0430 UTC EG 6150 (via Portugal) 9505 (via Vienna), and 9670 (via Skelton) EG 0618-0700 UTC on 6050, 6150, 7155, 9740, + 11905 KHz EG 2130-2200 UTC on 11880, 15150, + 17820 KHz EG 2200-2230 UTC using 9760, and 11945 KHz. (Arthur Cushen, DXPL, 11/21)

Europirates: Andy Sennitt says to look from 6200-6300 KHz for any of them. He has been hearing some out of Czechoslovakia, one being "Power Shortwave Radio" on weekly 6295 KHz 1600-2000 UTC. No day of the week was given? (RNMN, 10/29)

C. I. S. AND EX-SOVIETS

R. Moscow: heard EG news broadcast at 0200 UTC on 7115 + parallel frequency 7150 KHz. No other frequencies were noted at this time. (Editor)

R. ALA, Russia: heard fair signal on 7370 KHz at 0025 UTC in possible? RU. (Jim Clair, DXPL, 11/21)

R. Rottioise, Russia: (Possible spelling??) changed its frequency as of Nov 1 from 9695 to new 7230 KHz from 1600-1700 UTC. (This is a Rlg station run by the Russian Orthodox church. (RJMR, 11/21)

AWR, Russia: George Thrumen heard AWR from Novosibirsk site on 9835 at 1300 UTC, heard also at 1200 UTC both in EG. (WoR #669)

R. Art, Russia: heard s/on at 1548 UTC on 11700 KHz. BCM also heard this station on a different frequency and time, 0515-0700 UTC using 11655 KHz. (WoR #669)

FEBC, Russia: sends QSLs from an address in the USA at: PO Box 1, La Nirada, CA 90637 USA. (RJMR, 11/7)

R. Pamyat, Russia: changed its frequency as of Nov. 1st now using 7230 KHz instead of the old 12000 KHz. They are on from 1430-1600 UTC only. (RJMR, 11/14)

R. Vilnius, Lithuania: reported 7400 KHz at 0000 UTC in EG was said to be on one night only. They are on using 7150 KHz for EG to NA at 0000 with only one parallel found, that of 17605. (RNMN, 11/19) their NEW frequency for EG to NA at 0000 UTC has been found: 7150 KHz, gone from 9530 KHz. (WoR #668)

R. Latvia: Hans Johnson heard them announce on 5965 as R. Latvia, not R. Riga. Three min. of news in EG at 2128 UTC. (WoR #667)

R. Yerevan, Armenia: broadcasting in EG (M-A) 1943-1958 UTC, Sunday only 1933- 1958 UTC. All transmissions are on 9675 (replacing 12065) and 4810. (also announced but not heard were 6055 + 15130) They have EG again 2243-2258 UTC on 11920, 9450, and to NAM 2343-2358 UTC using the frequencies of 11920, 12065, + 17660. (RVI RadioWorld, 10/24) **R. Yerevan** on 9870 at 0330 UTC over Austria in EG, and Armenian. Brian Alexander finds them at 2245-2257 on 7440, 9480 (best), and 12060, again from 2345-2357 UTC on 9480, and 11980. (WoR #669)

BBC-Tashkent Relay: the BBC has hired time from Tashkent to improve coverage to India. They are on 7315 (Hindi) 0045-0135 UTC, (Urdu) 0135-0200 UTC, and again on 9725 1410-1415 UTC (Hindi), + 1500-1545 in (Urdu). (RNMN, 10/29)

AFRICA

Sudan National Broadcasting Corp: was recently heard in AR on 7200 KHz at 0300 UTC with the news, music, and ID (Ernest Lawrence, DXPL, 11/7) **Sudan Radio:** heard them on 9190 with EG at 1900 UTC. (Don Rhodes, DXPL, 10/24)

ELBC, Liberia: Ernest Lawrence heard this station at 0652 UTC in EG with s-on, and news at 0700 UTC. (DXPL, 11/7)

R. Nigeria, Kaduna: is testing a new frequency of 3970. No times were given for the time of the test? (RNMN, 10/29)

R. Nacional, Angola: in FR/EG on 9535 KHz about 1958 UTC. Poor to fair signals. Went into EG programming at 2000 UTC after ID in FR. (Jim Clair, DXPL, 10/24)

BBC-Relay via S. Afr: Bill Westenhaver forwards the relays for BBC via Meyerton. 0300-0330 UTC (Swahili) on 11845, 0430-0445 UTC (PT) on 6175, 9515, 11940, 0530-0545 (PT) 6005, 9515, 15105 0700-0730 UTC (EG) 17790 0700-0715 UTC (PT) 6070, 7230, 9515 1745-1800 (Swahili) 7230 1700-1900 UTC (EG) 15420 KHz. (WoR #666)

ASIA/OCEANIA

- Kol Israel:** moving the 1406 UTC Monday airing of *Calling All Listeners* to Sunday at the same time. Best heard in NA on 11587 + 11603 KHz. (WoR #668)
- Voice of Lebanon:** EG news is now found weekdays 1800-1813 UTC, music sometimes played on weekends, on 6550 KHz. (RNMN, 11/19)
- VOIRI, Iran:** heard at s/on 1130 UTC using 11790 KHz Asian Service, weak, parallels were 9575, and 11930 KHz. (RJMR, 11/21) heard EG at 1930 UTC on 9022 KHz. (Arthur Cushen, DXPL, 11/21) Bill McClintock reports excellent reception of EG at 0030 UTC on 11790 KHz, weak on 9022 KHz. (WoR #669)
- Kashmir Radio:** is now using a new frequency of 3517 (or 4517 mentioned both so don't know which one is correct? Ed.) but, it is not stable. This frequency is in use 0045-0410 UTC, and again from 1045-1810 UTC. (RNMN, 10/22)
- R. Pakistan:** has made a few changes for their afternoon and evening transmissions. EG 1600-1630 UTC (to the Middle East) 11570, 15555, 13685, 17555. (to Afr) 17725, 21495. And from 1700-1800 UTC (to WEur) 11570, 15550 KHz. (RVI RadioWorld, 10/24)
- R. Pakistan:** has changed frequencies for EG to Europe 1700-1800 UTC, and for FR 1930-2030 UTC to new 9430, parallel 11570 KHz. (RVI RadioWorld, 11/21)
- AIR, India:** picked up on 11620 KHz in EG at 2106 UTC with commentary and Folk music. (Carl Kruger, DXPL, 11/14) received a signal from them around 2120 UTC on 7412 KHz with an ID, fair to poor. (Jim Clair, DXPL, 11/21)
- R. Ulaan Baator, Mongolia:** Alan Dean received this station in EG at 1445 UTC using 11650, and 13780 KHz. (WoR #669)
- R. Korea:** has shifted for the winter to 1130 UTC (via Sackville) on 9650 KHz. Another change for direct broadcast to NA 0600 UTC on nf's, 11945 + 15155 KHz. (WoR #666)
- R. Pyongyang, DPR Korea:** Norm Blakely heard an announced frequency for NA at 0000 UTC via 11335 and changes from 15115 to 15130 KHz as of Nov. 13th. (WoR #669)
- R. Japan:** Media Roundup is back on the Sackville relay because of the time shift to 0300 UTC on 5960. It is on UTC Sun. 0330. Their direct broadcast to NA 1400-1600, + 1700, 1900 UTC have changed from 11865 to 9535 KHz for the winter. (WoR #666)
- China Radio Int'l:** changes freqs to Europe EG 2000-2055 UTC, with repeat 2100-2155 UTC on new 6950 // 9920 KHz, replacing 11500 KHz. (RVI RadioWorld, 11/21)
- Democratic Voice of Burma:** BBCM gives a possible alternate frequency 1430-1520 UTC on 17840, check 15360 if it is not on 17840. (WoR #667)
- Laos:** Vientiane, a domestic service is now being heard only on the frequency of 6130 KHz from 1030-1530 UTC, as reported by Victor Goonetilleke in Sri Lanka. (RNMN, 11/5)
- Voice of the Khmer:** is now noted "off the air" from the frequency of 6325 KHz. (Victor Goonetilleke, RNMN, 11/5)
- Voice of Vietnam:** has dropped 15010 KHz for the winter, and now are only using 12020, and 9840 KHz. Heard in W. Europe at 1330 UTC, 1800 UTC, 1900 UTC, and 2030 UTC All in EG. (RVI RadioWorld, 10/24)
- ABC, Perth:** received at 1037 UTC on 6140 KHz, poor. (Jim Clair, DXPL, 11/21)
- KSDA:** Engineer Gary Batum reports that Typhoon Brian caused no damage to the station or the antenna system, but it was thought this storm would be worse than Typhoon Omar which rocked the island of Guam in September. (RNMN, 10/22)
- KTWR, Guam:** on 0900-1000 UTC on 11805 KHz, to Japan 0800-0915 UTC on 15200, to India 1500-1635 UTC M-A, and 1500-1700 UTC Sun on 15610. (Arthur Cushen, DXPL, 11/21)
- KHBN, Palau:** gives schedule for 9830 KHz frequency: 2000-2330 CH; 2330-0100 ?; 0800-1200 CH; 1200-1430 EG; 1430-1530 VT (RJMR, 11/7)

LAST MINUTE CIS STUFF

Anatoly Klepov sends information about the new Russian **Radio ART**, independent station in Moscow mentioned above. Address: ul. Tverskaya 29, str. 1, 103050 Moscow; tel. +7 (095) 2992449, 2996421, 2500449; Fax +7 (095) 2992449. President of the corporation ART, mr. E. A. Sotnikov. All programming in Russian.
Schedule: 0400-0700 on 11665, 1500-1800 on 11700, antenna beamed northwest.

Also, new transmitters in Perm (Ural region): RB-1094, 0200-1800 on 9670, 1800-2200 on 15420, carrying Radio 2. RB-1095, 0000-1600 on 5290, 1600-2200 on 11650, carrying Radio Rossi. RB-numbers are the calls. Thanks to Leonid Strelkov in Perm.



WHAT'S ON

ENGLISH BROADCAST TO NORTH AMERICA



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

UTC Time	Station	Notes	Frequencies
0000-0015	R. Sofia, Bulgaria	---	15330, 11720, 9700
0000-0025	R. Nederland	---	6165, 6020
0000-0027	Czech & Slovak R I	---	11990, 9580, 7345
0000-0030	R. Norway Int'l	Su-M	9645
0000-0030	R. Vilnius, Lithuan.	---	17690, 17605, 9530
0000-0030	Swiss R. Int'l	---	17730, 12035, 9885, 9650, 6135
0000-0050	R. Pyongyang, N.K.	---	15115, 13760, 11335
0000-0100	China R. Int'l	---	11715, 9770
0000-0100	R. Moscow, Russia	---	21690, 21480, 17890, 17860, 17850, 17825, 17740, 17720, 17685, 17655, 17560, 15560, 15485, 15470, 15425, 15410, 15385, 15290, 15280, 13775, 13725, 12050, 12040, 12005, 11970, 11860, 11850, 11840, 11780, 11735, 11710, 9815, 9640, 9530, 7295
0000-0100	VOA, U.S.A.	---	11695, 9455, 6130
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	---	13660 USB, 11950, 6060, 6000 SSB
0000-0200	REE, Spain	---	9530
0000-0200	WSHB, U.S.A.	---	13760, 7395
0000-0200	WWCR, U.S.A.	---	13815
0000-0230	BBC, U.K.	---	9915, 9590, 7325, 6175, 5975
0000-0300	WRNO, U.S.A.	---	7355
0000-0800	RFPI, Costa Rica	---	15030, 13630 USB, 7385 USB, 7375
0000-1000	WWCR, U.S.A.	---	7435
0030-0055	Vlaanderen I., Bel	---	13655; 9930
0030-0125	R. Nederland	---	11835 USB, 6165, 6020
0030-0130	R. Korea, S. Korea	---	15575
0030-0130	VOIRI, Iran	---	15260, 11790, 9022
0030-0500	HCJB, Ecuador	---	15155, 9745
0100-0120	RAI, Italy	---	11800, 9575
0100-0130	Czech & Slovak R I	---	9580, 7345, 5930
0100-0130	R. Norway Int'l	Su-M	9565
0100-0130	R. Yugoslavia	---	11840, 9580
0100-0145	R. Sofia, Bulgaria	---	15330, 11720, 9700
0100-0150	DW, Germany	---	11865, 9700, 9700, 9610, 9565, 9515, 6145, 6085, 6055, 6040
0100-0200	R. Japan	Gen	17845, 17835, 17810, 15195, 11840
0100-0200	R. Moscow, Russia	---	21515, 17890, 17860, 17850, 17740, 17720, 17685, 17560, 15560, 15470, 15425, 15410, 15385, 15290, 15280, 13775, 12050, 12040, 12015, 12005, 11850, 11780, 11775, 11710, 9815
0100-0200	R. Ukraine Int'l	---	11790, 9865, 9665, 7240, 7195
0130-0140	V. of Greece	---	11645, 9420, 9395
0130-0200	R. Austria Int'l	---	13730, 9875, 9870
0130-0200	R. Tirana, Albania	---	11840, 9580
0200-0230	R. Norway Int'l	Su-M	9565
0200-0230	R. Sweden	---	11705, 9695
0200-0230	R. Yugoslavia	---	11840, 9580
0200-0230	SRI, Switzerland	---	12035, 9885, 9650, 6135
0200-0300	R. Argentina Ext.	Tu-Sa	11710
0200-0300	R. Moscow, Russia	---	21690, 17890, 17860, 17850, 17730, 17720, 17685, 17655, 17610, 17570, 17560, 15560, 15470, 15425, 15410, 15385, 15290, 13775, 12060, 12050, 12040, 12015, 11995, 11970, 11850, 11775, 11710, 9685, 9530, 9470
0200-0300	R. Romania Int'l	---	11940, 11830, 9570, 9510, 6155, 5990
0200-0300	VOFC, Taiwan	---	15345, 11740, 9680, 5950
0200-0330	R. Cairo, Egypt	---	11865, 9475
0200-0400	R. Havana Cuba	---	13710, 11950, 9665, 6060

UTC Time	Station	Notes	Frequencies
0200-0400	WSHB, U.S.A.	---	13760, 9455, occ. 7395
0200-1100	WWCR, U.S.A.	---	5920
0230-0255	R. Finland	---	15185, 11755
0230-0300	R. Portugal	Tu-Sa	11840, 9705, 9600, 9570
0230-0300	R. Tirana, Albania	---	11840, 9580
0230-0330	BBC, U.K.	---	9915, 7325, 6175, 5975
0250-0310	Vatican R.	---	9605, 7305
0255-0400	TWR-Bonaire, N.Ant.	---	11930
0300-0330	Czech & Slovak R I	---	11990, 9810, 7345
0300-0330	R. Japan	Reg	21610, 17825, 15325
0300-0350	DW, Germany	---	9770, 9705, 9640, 9545, 9535, 6120, 6085, 6055, 6045
0300-0400	China R. Int'l	---	11715, 9770, 9690
0300-0400	R. Budapest, Hung.	---	11910, 9585, 5975
0300-0400	R. Japan	Gen	17810, 15230, 5960
0300-0400	R. Moscow, Russia	---	21830, 21790, 21775, 21690, 21585, 21545, 17870, 17860, 17850, 17735, 17730, 17685, 17655, 17650, 17645, 17640, 17605, 17560, 15550, 15535, 15470, 15385, 15375, 15280, 15255, 15210, 13775, 12040, 12015, 11995, 11880, 11850, 11775, 11710, 11690, 11675, 11670, 9685, 9470
0300-0400	TWR-Bonaire, N. Ant.	---	9535
0300-0400	VOFC, Taiwan	---	15345, 9680, 5950
0300-0500	WRNO, U.S.A.	---	7395
0330-0400	R. Austria Int'l	---	13730, 9875, 9870
0330-0400	R. Dubai, U.A.E.	---	17890, 15400, 13675, 11945
0330-0425	R. Nederland	---	11720, 9590
0330-0430	BBC, U.K.	---	9915, 7325, 5975
0340-0350	V. of Greece	---	11645, 9420, 9395
0340-0400	R. Yerevan, Armenia	---	15580, 11790, 11675
0400-0430	Czech & Slovak R I	---	15355, 13715, 11990, 11985, 9810, 7345, 5930
0400-0430	R. Havana Cuba	---	13710, 11950, 11760, 9655, 6060
0400-0430	R. Norway Int'l	Su-M	9650, 9560
0400-0430	R. Romania Int'l	---	11940, 11830, 9570, 9510, 6155, 5990
0400-0430	SRI, Switzerland	---	12035, 9885, 9860, 6135
0400-0500	China R. Int'l	---	11860, 11860
0400-0500	R. Moscow, Russia	---	21830, 21790, 21775, 21585, 17890, 17870, 17860, 17850, 17740, 17730, 17685, 17675, 17655, 17635, 17605, 17560, 15550, 15535, 15470, 15320, 15280, 15210, 12040, 12015, 11980, 11850, 11775, 11690, 11675, 11670, 9880, 9865, 9685, 9470
0400-0500	V. of Turkey	---	9445
0400-0530	R. Sofia, Bulgaria	---	15160, 11720, 9850
0400-0600	WSHB, U.S.A.	---	occ. 13760, 9870, 9455, occ. 7395
0430-0500	BBC, U.K.	---	5975
0430-0500	R. Havana Cuba	---	11950, 11760, 9655, 6060
0500-0515	kol Israel	---	9435
0500-0550	DW, Germany	---	9690, 9670, 9535, 6130, 6120, 6045, 5960
0500-0600	China R. Int'l	---	11840
0500-0600	R. Japan	Gen	21610, 17860, 17825, 17810, 17765, 15230, 7230, 6085
0500-0600	REE, Spain	---	9530
0500-0700	HGJB, Ecuador	---	11925
0500-0700	R. Havana Cuba	---	6060
0500-0730	BBC, U.K.	---	9640, 5975
0530-0600	R. Austria Int'l	---	21490, 15410, 13730, 6155, 6015
0600-0700	R. Korea, S. Korea	---	15170, 11810, 7275
0600-0800	WSHB, U.S.A.	---	9870, 9455, occ. 7395
0630-0700	R. Austria Int'l	---	6015
0700-0800	VOFC, Taiwan	---	5950
0730-0815	BBC, U.K.	---	9640
0800-1000	WSHB, U.S.A.	---	13615, 9455
0800-1200	RFPI, Costa Rica	---	13630 USB, 7385 USB, 7375

UTC Time	Station	Notes	Frequencies
1000-1100	R. Moscow, Russia	---	21775, 21630, 21615, 21600, 21545, 21480, 21465, 21450, 17890, 17765, 17685, 17675, 17665, 17660, 17580, 15440, 15140, 15130, 12055, 12010
1000-1200	VOA, U.S.A.	---	15120, 11915, 9590
1000-1200	WSHB, U.S.A.	---	9495, 9455
1000-2400	WWCR, U.S.A.	---	15600
1055-1300	TWR-Bonaire, N.Ant.	---	15345, 11815
1100-1130	kol Israel	---	17545
1100-1150	R. Pyongyang, N.K.	---	11335, 9977, 6576
1100-1200	BBC, U.K.	---	15220, 9515, 6195, 5965
1100-1200	R. Japan	Gen	11840, 11815
1100-1200	R. Moscow, Russia	---	21785, 21690, 21630, 21600, 21545, 21480, 21465, 21450, 17890, 17870, 17865, 17830, 17810, 17775, 17755, 17735, 17675, 17660, 17590, 15595, 15550, 15500, 15490, 15470, 15440, 15420, 15280, 15255, 15225, 15155, 15140, 15130, 15110, 12055
1100-2400	WWCR, U.S.A.	---	13845
1130-1200	R. Korea, S. Korea	---	11715
1130-1430	HCJB, Ecuador	---	17890, 15115, 11925
1200-1300	BBC, U.K.	---	15220, 9740, 9515, 6195, 5965
1200-1300	China R. Int'l	---	15210
1200-1300	R. Japan	---	6120
1200-1300	R. Moscow, Russia	---	21690, 21630, 21480, 17830, 17810, 17735, 17675, 15595, 15500, 15490, 15480, 15470, 15440, 15280, 15225, 15205, 15125, 15110, 12070, 12055
1200-1320	R. Nacional, Brazil	---	15445
1200-1400	RFPI, Costa Rica	---	13630 USB, 7375
1200-1400	WSHB, U.S.A.	---	13760, 9495
1215-1315	R. Korea, S. Korea	---	9750
1230-1250	R. Finland	M-F	15400, 11735
1230-1255	Vlaanderen I., Belg	Su	21810, 17550
1230-1300	R. Austria Int'l	---	17730, 15450, 13730, 6155
1230-1300	R. France Int'l	---	21645, 15365, 15195, 15155, 11670, 9805
1230-1300	R. Yugoslavia	---	21610, 17740, 17710
1235-1245	V. of Greece	---	17515, 15650, 15635
1300-1350	R. Pyongyang, N.K.	---	15230
1300-1400	BBC, U.K.	---	15220, 11820, 9740, 9515, 6195, 5965
1300-1400	R. Canada Int'l	M-F	17820, 11855, 9635
1300-1400	R. Moscow, Russia	---	21785, 21690, 17830, 17810, 17775, 17755, 17670, 15595, 15550, 15490, 15470, 15440, 15225, 15110, 12050, 11995, 11870, 9755, 9655
1320-1630	R. Jordan	---	9560
1330-1355	R. Finland	M-F	21550, 15400
1400-1425	kol Israel	Su-Th	17590, 17575, 15650, 15640, 11603, 11587
1400-1425	Vlaanderen I., Belg	M-Sa	21810, 17550
1400-1430	BBC, U.K.	---	17840, 15260, 9515, 6195
1400-1500	BBC, U.K.	Sa-Su	11820, 9740
1400-1500	R. Finland	Sa-Su	21550, 15400
1400-1500	R. Japan	Gen	11865, 11815, 9535
1400-1500	R. Moscow, Russia	---	21690, 21615, 21600, 17810, 17765, 17670, 15580, 15500, 15490, 15470, 15225, 15110, 12050, 12015, 11995, 11870, 9755, 9655
1400-1600	China R. Int'l	---	11855
1400-1600	WSHB, U.S.A.	---	15665, 13760
1400-1700	R. Canada Int'l	Su	17820, 11955
1400-2400	RFPI, Costa Rica	---	15030, 13630 USB, 7375
1430-1500	BBC, U.K.	---	17840, 15260, 9515
1430-1500	R. Finland	M-F	21550, 15400
1430-1600	HCJB, Ecuador	---	17890, 11925
1500-1515	BBC, U.K.	---	17840, 15260, 9740, 9515
1500-1600	R. Japan	Gen	15355, 11865

UTC Time	Station	Notes	Frequencies
1500-1600	R. Moscow, Russia	---	21785, 21615, 17765, 17670, 15550, 15500, 15485, 15470, 15185, 13645, 12050, 12030, 11995, 11900, 11870, 11675, 9755, 9655
1500-2300	WRNO, U.S.A.	---	15420
1515-1615	BBC, U.K.	---	17840, 15260, 9515
1530-1540	V. of Greece	---	17525, 15650, 15635
1600-1630	R. Sweden	---	21500, 17870, 15270
1600-1700	R. Moscow, Russia	---	17810, 17695, 17670, 15425, 15375, 15185, 13645, 12050, 12030, 11995
1600-1800	WSHB, U.S.A.	---	15665, 13760
1615-1745	BBC, U.K.	---	15260, 9515
1700-1800	R. Japan	Gen	17775, 11865, 11815, 7140
1700-1800	R. Moscow, Russia	---	17810, 17695, 17670, 17565, 15580, 15510, 15425, 15375, 13645, 12050
1730-2100	R. Kuwait	---	13620
1800-1815	kol Israel	---	17575, 11675, 11587, 7465
1800-1900	R. Moscow, Russia	---	17695, 17670, 17655, 17565, 15580, 15500, 15535, 15500, 15425, 15405, 15375, 15185, 13665, 13645, 12070, 12050, 12050, 11630
1800-2000	WSHB, U.S.A.	---	17555, 15665, occ. 13770
1900-1930	R. Afghanistan	---	9635, 6020, 4760
1900-1930	R. Japan	Gen	11865, 11850, 9640
1900-2000	R. Moscow, Russia	---	17695, 17655, 17565, 15580, 15560, 15535, 15500, 15425, 15405, 15375, 15185, 13665, 13645, 12070, 12050, 11630, 9785, 9640
2000-2030	kol Israel	---	17575, 11675, 11603, 11587, 9435, 7465
2000-2100	BBC, U.K.	---	5975
2000-2100	R. Moscow, Russia	---	17695, 15580, 15560, 15525, 15500, 15485, 15425, 15405, 15375, 15355, 15175, 13665, 13645, 12070, 12050, 11850, 11675, 9785, 9740, 9640
2000-2200	WSHB, U.S.A.	---	17555, 15665, occ. 9985
2005-2105	R. Damascus, Syria	---	15095, 12085
2100-2200	BBC, U.K.	---	9590, 5975
2100-2200	R. Moscow, Russia	---	17740, 17710, 17655, 15580, 15560, 15525, 15500, 15485, 15470, 15425, 15405, 15375, 15355, 15170, 13775, 13645, 12070, 12050, 12040, 11870, 11800, 11780, 9785, 9740, 9685, 9640
2110-2210	R. Damascus, Syria	---	15095, 12085
2200-2300	BBC, U.K.	---	9915, 9590, 7325, 5975
2200-2300	R. Havana Cuba	---	11950, 9655
2200-2300	R. Moscow, Russia	---	21690, 17890, 17740, 17735, 17720, 17655, 17570, 15785, 15535, 15525, 15485, 15470, 15425, 15410, 15385, 15170, 13775, 13725, 12050, 12005, 11970, 11860, 11800, 11710, 9890, 9815, 9785, 9740, 9640
2200-2300	VOFC, Taiwan	---	11915, 9850
2200-2400	V. of UAE	---	17855, 15305, 15260, 13605, 11965, 9605
2200-2400	WSHB, U.S.A.	---	17555, 9465
2230-2300	kol Israel	---	17575, 11675, 11603, 11587, 9435, 7465
2245-2400	R. Sofia, Bulgaria	---	15330, 11720, 9700
2300-2330	R. Norway Int'l	Sa-Su	11795
2300-2350	R. Pyongyang, N.K.	---	13650, 11700
2300-2400	BBC, U.K.	---	9915, 9590, 7325, 6175, 5975
2300-2400	R. Havana Cuba	---	11950
2300-2400	R. Moscow, Russia	---	21690, 17890, 17860, 17850, 17740, 17735, 17720, 17685, 17655, 17570, 17560, 15560, 15535, 15525, 15485, 15470, 15425, 15410, 15385, 15355, 13775, 13725, 12050, 12005, 11970, 11710, 9815, 9640
2300-2400	V. of Turkey	---	11895, 9445, 7185
2300-2400	WRNO, U.S.A.	---	7355
2330-2400	R. Nederland	---	6165, 6020
2340-2400	R. Yerevan, Armenia	---	17660, 12050, 11970, 11920



WESTERN HEMISPHERE

Don Thomson
12 Freeman Road, Somerset, NJ 08873

ALASKA

- 7355 1314 **KNLS:** EE: Home Bible study course offer w/ID & address; song by Dionne Warwick; Chinese proverb (good 10/27 Famularo Japan)
7365 0800 **KNLS:** EE: Pop music; Proverbs 6:3-5; talks about "The Love of God" (544 10/4 Bagozzi-CA)

ANTIGUA

- 5975 2215 **BBC:** EE: Short story "A Gift for the Emperor Dwarf" (555 10/11 Fraser-MA) @ 2115 in EE w/news about BCCI bank fraud against The Bank of England (333 10/22 Rontanini-FL) @ 0040 in EE with "From the Weeklies" a prog of political comments from British weekly magazines (555 10/24 Bellovich-FL)
6040 0100 **DW:** EE: International and domestic news; into "Nickelodeon" music prog (555 10/25 Card-RI)
6195 1323 **DW:** EE: A report on politics in Kenya (333 11/1 Brown-IL)
15105 2339 **DW:** SS: News about Lat Am economics (444 11/1 Owsley-CA)
15220 1250 **BBC:** EE: Sports news inc New Zealand defeats Zimbabwe in cricket 325-225 (444 11/6 Brown-IL)
17715 1400 **DW:** GG: Classical music ID; into news (444 10/11 Hankison KS)

ANTILLES

- 6165 0014 **RN:** EE: "Media Network" w/a discussion on shortwave propagation variations (555 10/15 Kyburz-CO)
11720 0340 **RN:** EE: "Happy Station" prog which was suffering from much QRM from China Radio International (422 10/5 Lukas-NY)
11835 0049 **RN:** EE: "Newsline" w/a report on British politics; news that typhoon Brian hits Guam; "Media Network" (444 10/22 Brown IL) @ 0030 in EE w/news about the crash of an El Al 747 plane crash in Amsterdam (454 10/5 Lukas-NY)
11930 0324 **TWR:** EE: "Focus on the Family" w/talks about having a family plan; ID (343 11/5 Brown-IL)
17605 1935 **RN:** EE: "Happy Station" prog w/the theme "What do You Hate?" (544 10/25 Fraser-MA)
21590 2100 **RN:** DD: A report on the US presidential elections (444 11/4 Findlater-CA)

ARGENTINA

- 6060 0703 **R. Nacional:(t)** SS: "Untraditional" tangos; many ments of Buenos Aires street names but no ID (243 11/7 Westenhaver PQ)
11710 0205 **RAE:** EE: News; weather & music inc Mercedes Sosa & two tangos (333 10/7 Bickus-Vll) @ 0200 in SS w/talks about the Malvinas Islands; "Songs of the Lost Soul" (545 10/9 Robinson TN)
15345 0038 **RAE:** SS: A radio play read by two M & a W (444 10/4 Humenyon) @ 2100 in SS w/excited anncr using reverb to announce "Noticias" & "Radio Nacional" (333 10/24 Owlsey-CA)

BOLIVIA

- 4845 0218 **R. Fides:** SS: Lat Am music; talks by M anncr (433 10/18 Bishop-NY) @ 0530 in SS w/ID; light pop music inc a nice single (333 10/4 Babin-MA)
4875 1013 **R. La Cruz del Sur:** SS: Long religious talks w/an occasional song mixed in for variety (252 10/17 D'Angelo-PA)
4965 2345 **R. Juan XXIII(t):** SS: W speaking at length w/freq interruptions for music; no actual ID heard (212 10/14 Hankison KS)

BRAZIL

- 2490 2315 **R. Oito de Setembro:** PP: Prog of EE lyric rock music; some jingles & talks (252 10/18 D'Angelo-Pl)
3205 2352 **R. Ribeirão Preto:** PP: Play by play of a soccer match (322 10/7 Bishop-NY) @ 2301 in PP w/romantic vocal selections; many IDs & general chit-chat by M anncr (353 10/16 D'Angelo-PA)
3365 0115 **R. Cultura:** PP: Prog of sports news in PP (322 10/1 Babin MA)
4805 0129 **R. Dif Amazonas:** PP: Two M anncrs w/play by play of a soccer game (433 10/8 Bishop-NY) @ 0159 in PP w/an ad for cigarettes (333 10/1 Babin-MA)
4824.9 2304 **R. Cancão Nova:** PP: Slow ballad music into long talk about

4845 0215 R. Cabocla: PP: The end of the newscast; ID (333 10/1 Babin MA)
 4915 0525 R. Anhanguera: PP: Beautiful Lat Am guitar music (322 10/4 Babin-M4)
 4985 2313 R. Brasil Central: PP: EZL ballads; chat from DJ; music (344 10/3 Humenyk-ON)
 9565 0724 R. Univerzo: PP: Carted address anmt; then TC & live anmnt that this is an evangelical station (343 11/7 Westenhaver PQ)
 9615 0000 R. Cultura(t): PP: Talks; some Brazilian music inc some pop music; no ID but ments of São Paulo (222 10/19 Findlater C4)
 11780 2330 R. Nacional da Amazônia: PP: Ments of "Radio Bras"; tele-phone talks; "Happy Birthday" song (555 10/15 Robinson TN)
 11805 0730 R. Globo: PP: ID; talks by an excited group of people; more Brazilian music (222 11/9 Findlater-C4)
 15445 1231 R. Bras: EE: A report on recycling; music & ID; a report on an environmental project in Brazil (333 10/23 Brown IL)

CANADA

5960 0100 R. Japan: EE: News followed by "This Week" w/Ian McFarland (443 10/25 Biczak-NJ)
 5960 2200 RCI: EE: "The World at Six" news prog with international & Canadian News (443 10/23 Biczak-NJ)
 6005 1952 CFCX: EE: Country & western music hosted by a M anncr (433 10/27 Bishop-NY)
 6015 0551 RAI: EE: Talks about a proposed canal through Austria; s/off for EE prog w/ID (443 10/9 Thompson-CL)
 6070 0520 CFRX: EE: Talk prog celebrating the Blue Jay's World Series victory (434 10/25 Carson-OK) @ 2125 in EE w/financial news; World Series news; traffic reports (555 10/15 Bickus-VA)
 6120 0200 RCI: EE: Dolores Haggerty reads RCI news; André Courey hosts "Referendum '92" coverage (444 10/27 Westenhaver-PQ)
 6130 1222 CHNX: EE: Various ads & anmts; rock music from the 1970s (322 10/16 Foster-NC)
 6160 0200 CKZN: E: "Decision '92" Referendum coverage (232 10/27 Westenhaver-PQ)
 6160 1225 CKZU: EE: Two M w/talks about constitutional reform (222 10/16 Foster-NC)
 9515 1515 BBC: EE: "Concert Hall" w/Vivaldi, Bach & Schumann concertos (555 10/11 Fraser-MA)
 9625 1500 CBCNQ5: EE: News followed by part two of "Basic Black" with Arthur Black (343 10/10 Biczak-NJ) @ 2148 in presumed Inukitut w/talks inc ments of Canadian QTHs & occasional words in EE (fr-pr 10/26 Famularo-Japan) @ 1311 in EE w/disc of antique quilts and textiles (433 11/15 Cichorek-NJ) @ 1709 in a native language with a call in show (353 10/13 Lukas-NY)
 11730 2317 RCI: EE: "The World at Six" news prog with news about the Canadian Referendum (555 10/8 Lukas-NY)
 11955 1347 RCI: EE: "Sunday Morning" prog w/talks about Boris Yeltsin (555 10/4 Humenyk-ON)
 15260 1830 RCI: EE: W hosting "Inside Track" prog (444 10/17 Langlois FL)
 15325 2057 RCI: EE: M anncr w/prog, freqy & time information for RCI's European service (343 10/24 Owsley-CA)

CHILE

6088.5 0933 R. Esperanza: SS: Long religious sermon by M followed by vocal selection prior to ID & anmts (232 10/18 D'Angelo P4)

COLOMBIA

4895 0800 LV del Río Arauca: SS: Annrcr w/a prog of upbeat Lat Am music (222 11/13 Findlater-C4)
 4915 0225 Armonías del Caquetá: SS: Prog of local music (333 10/1 Babin)
 5075 0604 CARACÓL-Bogotá: SS/RR: Promo for improvements Caracol is making to their audio; prog ID for "informativo de los dos"; then full carted IDs in Russian w/calls. Why? (344 11/7 Westenhaver-PQ) (I'm amazed and simply have no idea--ed) @ 0130 in SS with play by play of soccer match; ads; ID (444 10/16 Bickus V4)
 5955 0833 CARACÓL-villavicencio: SS: CARACOL ID w/lots of superlatives about the music they play (243 11/7 Westenhaver-PQ)
 6055 1038 R. Super: SS: News and economic news features (343 10/16 D'Angelo-PA) @ 0800 in SS a tentative logging w/no ID but ments of Colombia, Bogotá & Cartagena; DJ played lively Lat Am music (222 10/17 Findlater-C4)

COSTA RICA

4832 0704 R. Reloj: SS: Ballad music; ID (333 11/5 Wakefield-IA)

5030 0020 **AWR:** EE: Canned relig prog; //9722.5 (333 11/11 Thornton NJ)
 7395usb 0345 **RFPI:** EE/Creole: "Food for the Thoughtful" into prog in
 Creole (544 11/1 Carson-OK) @ 0101 in EE with "Fire" prog fea-
 turing female human rights activist (333 10/3 Wolfson-OH)
 9722 0400 **AWR:** SS: Religious talks and hymns (333 11/10 Findlater CA)
 13629.9 2310 **RFPI:** EE: "Red Crossroads", a 20 minute prog from the Int'l
 Committee of the Red Cross (455 11/7 Schulsinger-OH)
 15030 1836 **RFPI:** EE: Address for nutritious information; ID; UN Radio
 prog (333 11/15 Cichorek-NJ)

CUBA

3366 0309 **R. Rebelde:** SS: "Deportivamente" prog w/live sporting event;
 (volleyball?) slogan ID @ 0319 (343 11/8 Westenhaver-PQ)
 5025 0048 **R. Rebelde:** SS: ID; into Lat Am guitar music (555 10/19
 Owsley-Cl) @ 2319 in SS w/cmnty about Havana; bridge music
 (554 10/3 Humenyk-ON)
 9540 0335 **RHC:** SS: W anncr w/prog of features; musical bridges between
 segments (232 10/27 Carson-OK)
 11950 0036 **RHC:** EE: "DXers Unlimited" prog w/talks about narrow band filt-
 ers (434 10/28 Bellovich-FL) @ 0020 in EE w/"Spotlight on the
 Americas"--tonight they were talking out US big businesses con-
 tinual exploitation of Lat AM (554 10/15 Fraser-MI)
 13660u 0002 **RHC:** EE: Editorial about democracy in Bolivia (454 10/2
 Lukas-NY)
 15220 2050 **RHC:** SS: Lat Am pop music (444 10/24 Owsley-CA)
 17705 2142 **RHC:** EE: "DXers Unlimited"--Arnie Coro gave a 'QSL on the Air'
 to those of us at the DXpedition at Hemmingford, PQ (444 11/7
 Westenhaver-PQ)
 4779.8 0124 **R. Norte:** SS: ID heard in SS (221 10/8 Bishop-NY)
 4930 0140 **R. Barahona:** SS: Long speech by M--it sounded like a political
 speech (232 10/2 Babin-MA)
 4960 0209 **R. Cima Cien:** SS: Music inc the song "Viva Caliente" (333
 10/6 Wolfson-OH)
 9877 0300 **R. Santiago:** SS: ID; talks and Lat Am vocal music; 0355*
 (222 9/14 Findlater-Cl)

ECUADOR

3220 1005 **HCJB:** SS: Ecuadorian music heard unti 1050 fade out (353
 10/5 Robinson-UT) @ 2357 in Quechua with local Ecuadorian
 music (322 10/7 Bishop-NY)
 3230 1037 **LV del Napo:** SS: M anncr who also sang; many ments of Napo
 (333 10/5 Robinson-UT)
 4920 0240 **R. Quito:** SS: Non-stop playing of an album of Gloria Esteban
 & The Miami Sound Machine (544 11/5 Pasquale-PA)
 5050 1100 **R. Jesus del Gran Poder:** SS: Music; ID; M anncr reading presu-
 med news (555 10/20 Newbury-NE)
 9745 0242 **HCJB:** EE: "DX Partyline" w/news of special b'cast from St.
 Helena (434 10/11 Bellovich-FL)
 11925 1030 **HCJB:** SS: "Musica del Ecuador" prog inc song from Alicia
 Salvador (545 10/10 Robinson-TN)
 15115 1258 **HCJB:** EE: Program notes for "Studio 9" & "Musica del Ecuador"
 (444 11/6 Brown-IL)
 15155 0239 **HCJB:** EE: "DX Partyline" w/information about radio stations
 changing names (544 10/24 Bishop-NY)
 15270 2053 **HCJB:** FF: ID; into religious music sung in FF (333 10/24
 Owsley-Cl)
 17490u 2000 **HCJB:** FF: ID; into GG @ 2100. Both w/religious talks & hymns
 (333 11/2 Findlater-CA)
 17790 2133 **HCJB:** EE: "Musical Mailbag" (433 11/14 Cichorek-NJ)
 17890 1225 **HCJB:** EE: "Morning in the Mountains" musical program (454
 10/14 Fraser-MA)
 21455u 1658 **HCJB:** EE: Religious programming in EE (444 10/11 Owsley CA)
 21490 1915 **HCJB:** EE: "Studio 9" w/"Ham Radio Today" feature (444 10/1
 Langlois-FL) @ 2141 in EE w/"Musical Mailbag" (454 10/13
 Humenyk-ON)

FRENCH GUIANA

5055 0630 **RFO:** FF: M & W read the news; full IDs (333 10/26 Millard TX)
 1995 2309 **RFI:** SS: World news; ID as "Radio Francia Internacional"
 (fair 10/23 Famularo-Japan)
 15200 0053 **RFI:** PP: Pop music; M & W w/talks; 0057* (poor 11/1 Famularo)
 15325 0310 **R. Japan:** EE: News that S. Korea stops economic cooperation
 w/North America (333 10/13 Brown-IL)
 17860 1405 **RFI:** FF: ID w/Paris & Vancouver TCs; into a magazine prog
 promising an interview w/pop heartthrob Rock Voisine but gave

17860 1354 us talks abt turtles in the Transvaal! (343 10/12 Westenhaver)
RFI: FF: ID w/anmts into a prog in SS (444 10/11 Hankison KS)

GUATEMALA

3300 0050 R. Cultural: SS: Local quiz show (333 10/1 Babin-MA) @ 0003
in SS w/prog "Through the Bible" (433 10/8 Bishop-NY)
3360 0105 LV de Nahuallá: SS: Radio soap opera (232 10/1 Babin MA)
3380 0302 R. Chortis: SS: Marimba music; s/off ID & anmts by W
0315* w/National Anthem of Guatemala (353 10/12 D'Angelo PA)
4800 1155 R. Buenas Nuevas: SS: Religious prog w/M praying and kids
singing; ID (333 10/6 Newbury-NE) @ 1112 in SS w/organ music
to s/on @ 1114 (433 10/5 Robinson-TN)
4835 0105 R. Tezulutlán: SS: Man leading a Catholic Mass w/choir
singing (444 10/19 Owsley-CA) @ 0330 in SS w/ID; talks; into
marimba & drum musical program (222 10/20 Findlater-CA)

GUYANA

5950 0930 Voice of Guyana: EE: Personal anmts & messages; ad for a music
prog in Enterprise on 11/7 & Georgetown on 11/8; ad for a gen-
eral store; ID (242 11/7 Westenhaver-PQ)

HONDURAS

4820 0050 LV Evangélica: SS: Religious prog "En Cristo Vivo"; prayer
requests; (322 10/16 Bickus-VA) @ 0138 in EE & SS w/a Christ-
ian program (433 10/8 Bishop-NY)
4910.7 0210 LV de la Mosquitia: EE: Canned religious prog produced in
the US (343 11/21 Thornton-NJ)

MEXICO

6009.9 0733 R. Mil: SS: Very slow, sugary ballads, singing ID inc call
letters (433 11/5 Wakefield-IA)
6185 1320 R. Educacion: SS: Folk music from Huasteca with patter (443
10/25 Meinhardt-IL) @ 1255 in SS w/ID; into Lat Am music (555
10/24 Hankison-KS)
9600 1347 R. Universidad: SS: Light music program w/M & W anncrs
(433 10/4 Hankison-KS)

PARAGUAY

9735 0030 R. Nacional: SS: Music & interviews with a band from São
Paulo, Brazil (444 10/30 Pasquale-PA) @ 2344 in SS w/classical
music. Unusually good reception (433 10/15 Thompson-CA) @ 0020
in SS w/a remote feed featuring a speech (222 10/12 Wolfson OH
@ 0000 in SS w/IDs, classical guitar music--the guitarist is
great! (545 10/11 Robinson-TN)

PERU

4775 0450 R. Tarma: SS: ID; into "Musica Populares" w/Lat Am pop music;
frequent voice overs w/music (333 10/30 Owsley-CA)
5030.5 0416 R. Los Andes: SS: Pop music prog hosted by M anncr; 0500 ID;
best reception ever of a Peruvian station (534 10/3 Newbury NE)
5097 0552 R. Eco: SS: EE pop song "I've Been Thinking 'Bout You" ad for
tire repair place in Iquitos; ad for Coca Cola (322 11/8 West-
enhaver-PQ)
6629 0242 LV del San Antonio: SS: Romantic vocals until 0300 when they
switched over to huaynos & other Peruvian music (353 10/10
D'Angelo-PA)
6803 1002 R. Ondas del Río Mayo: SS: Huayno; then a wierd instrumental
music prog; ID w/ments that they are a member of a group of
private Peruvian broadcasters (243 11/7 Westenhaver-PQ)

PIRATES, CLANDESTINES & Unids

7409 2238 R. Halloween: EE: ID; played "Vampire" by Peter Tosh (333
10/31 Fisher-MA)
7413 2159 Mystic Voice of the Western Prairie: EE: Better than average
pirate programming (443 10/31 Schulsinger-OH)
7413 2225 R. Dead Man: EE: Usual pirate stuff (443 10/31 Schulsinger OH)
7415 2242 Voice of the Night: EE: IDs, music, calls for QSOs (444 10/3
Wolfson-OH) (Humenyk-ON)
7415 0150 Weed Radio: EE: ID; music from Steve Miller (354 10/12 Humenyk
7415 2120 Down East Radio: EE: Story abt train ride; ID (222 10/23
Fisher-MA)
7515 0131 R. Strange: EE: Comical ID (222 10/31 Fisher-MA)
7415 0530 Witch City Radio: EE: ID w/Salem, MA QTH (333 11/1 Fisher MA)
7416 0038 Voice of Anarchy: EE: Usual pirate stuff (232 11/1 Schulsinger
7418.8 2225 R. USA: EE: ID; Betty Ford clinic ad; ad for Joe Bob's

salvage yard (232 10/31 Wolfson-OH)

UNITED STATES OF AMERICA

6130 2320 **VOA:** EE: Vice Presidential Debates (443 10/13 Biczak-NJ)
7355 0100 **WRNO:** EE: "American Dissident Voices" (544 10/25 Carson OK)
7435 0502 **WRCR:** "Signals" prog w/'Bird Watcher' feature about satel-
lites (443 11/1 Thompson-Cl)
7490 0301 **WJCR:** EE: Prog of country gospel music (322 10/19 Thompson CA)
9785 0732 **KVOH:** EE: Loooonng sermon delivered by occasionally shouting
preacher (pr-fr 10/30 Famularo-Japan)
9850 2255 **VOFC:** EE: "Let's Learn Chinese" (444 10/11 Bellovich FL)
9590 0018 **BBC:** EE: "Newsdesk" into "Story of Western Music" (544 10/16
Thompson-CA)
11965 0244 **BBC:** EE: IS; s/on into "News English" lesson (444 10/23
Carson-OK)
15580 1800 **VOA:** EE: JD; news; cmnty abt the new Chinese leaders (444
10/19 Langlois-FL)
15590 1700 **KTBN:** EE: M preacher w/a religious message (444 10/17
Langlois-FL)
17775 0202 **KVOH:** EE: News about the Canadian Referendum (322 10/28 Bishop
21640 1838 **WCSN:** EE: Talks abt the Maastricht treaty and the French
Frank (353 Lukas-NY)
25870 1924 **WFLA:** EE: Shortwave 'outlet' w/Rush Limbaugh prog; local ads
traffic reports (454 10/17 D'Angelo-PA)

URUGUAY

11835.6 0128 **R. El Espectador:** SS: Theme music; station anmts w/possible
ads; pop music; clear ID @ 0204 (333 10/13 Evans-TN)

VENEZUELA

4830 0110 **R. Táchira:** SS: Ad for a concert--Mariachi to play in
Caracas (444 10/30 Pasquale-PA) @ 0138 in SS w/Lat Am music
(433 10/8 Bishop-NY) @ 0225 in SS w/music in "Brazil" & "En la
primavera"; no actual ID heard (444 11/2 Bickus-VA)
4970 0714 **R. Rumbos:** SS: Nice cumbia music; TC; //670 medium wave (242
11/5 Wakefield-IA) @ 0119 in SS w/ID (333 10/10 Wolfson OH)
@ 2306 w/fútbol game play by play (333 10/3 Humenyk-ON) @ 0153
in SS w/pop music; ID; into more Lat Am pop vocal music sung
by a W (433 10/21 Bishop-NY)
4930 0345 **Ecos del Torbes:** SS: South American folk music (433 10/26
Foster-NC) @ 0255 in SS w/salsa music & lottery results (433
10/31 Bickus-VA) @ 0155 in SS w/ID (433 10/21 Bishop-NY)
5030 0700 **R. Continente:** SS: ID; DJ hosting a prog of Lat Am music
(11/7 Findlater-Cl) @ 2245 in SS w/vocal music & canned ID;
@ 2300 began 15 minutes of coverage of horse racing! Began to
fade after 2315 as AWR Costa Rica began to dominate. (353
10/9 D'Angelo-PA)
9540 2149 **R. Nacional de Venezuela:** EE: News abt local politics;
ID; into vocal music (322 11/14 Cichorek-NJ)
9659.3 0922 **R. Rumbos:** SS: Bouncy ballad music; TC for UTC minus 4;
casual IDs (232 11/7 Westenhaber-PQ)

Fill That Gap! From his QTH in Argentina SPEEDEXer Daniel Camporini sent to me the latest copy of his bulletin Radio Panorama. Some of the loggings in his bulletin, which were logged by Daniel and another contributor not reported elsewhere in this column include on 4648 khz R. Santa Ana from Bolivia @ 0117. On 5055 khz Faro del Caribe from Costa Rica @ 1210. On 5934 khz Radiodif. CVU from Bolivia @ 1030. On 5948 khz R. Pio XII from Bolivia @ 1028. On 5964 khz R. Casino from Costa Rica @ 2250. Also, on 6045 khz R. Integración from Uruguay daily from 1000-1100 & again from 2200-2300. On 6105 khz R. Universidad from Costa Rica @ *1300. On 6125 khz SODRE from Uruguay. This is a reactivation. On 6140 khz R. Concordia from Peru @ 1030. Also, on 11735 khz R. Oriental from Uruguay @ 1955. Finally, on 4939 khz R. Norte from Montero Bolivia @ 09151, a reactivation after being silent for many years. Some of these loggings are more than one month old, but that is due to the fact that Daniel must get loggings from his contributors, print his bulletin and wait for the bulletin to get from S. America to New Jersey. SPEEDEX is very grateful to be able to use items from Sr. Camporini and from Gabriel Iván Barrera's Onda Corta. I'm sure you enjoy seeing them also. For everyone else, though, who is not publishing a bulletin or lives in a part of the world where the mail service to New Jersey is more reliable, the deadlines remain the same; that is, for example, for the January bulletin, which has a CDE deadline of December 5 and a direct deadline of December 12, I can't use any loggings dated before November 1. Until next month, remember to have fun with your radio!

73s and good DX *dm*

THE STRANGE STORY OF ALPHA 66

Leader of Exile Group Tells of Spying for Cuba
by Larry Rohter, Special to the New York Times

Miami, Nov. 10 - The senior military commander of one of the most militant Cuban exile organizations stunned the anti-Castro movement this week by announcing that he had worked as a spy for Cuba since 1979.

But equally surprising, the man, Francisco Avila Azcuay, also says he has been providing the American Government with information on the Cuban Government's spy network in the United States and on the activities of various anti-Castro exile groups.

Mr. Avila, who is chief of operations for Alpha 66, a paramilitary group that has organized attacks against Cuba from American shores and that advocates the overthrow of the country's Communist regime, discussed his role as a double agent with a Spanish-language television station in Miami in interviews that are being broadcast this week. In the interviews, Mr. Avila said that, among other things, he had organized Alpha 66 attacks on Cuba at the behest of the Cuban Government with money supplied by Cuban intelligence agents, and that he was asked to monitor the activities of prominent Cuban exiles in Miami. He said he had decided to make his role public rather than wait for it to become known if the Castro government fell.

Mr. Avila's account, if true, of how Havana created its own enemies to justify its repressive policies is a major embarrassment for the Castro government. It also tarnishes the image of exile commando groups that portray themselves as the Castro government's most-feared enemies but who may have been sustained by it.

United States Government agencies have so far refused to confirm or deny the details of Mr. Avila's tale of espionage and betrayal. But the State Department today told a Cuban diplomat who was videotaped while discussing spy missions with Mr. Avila in a Queens, NY restaurant last month that he must leave the country within 48 hours. The tapes are to be broadcast as part of the television station's series.

The Cuban official, Carlos Manuel Collazo Usallan, is assigned to the Cuban Mission to the United Nations in Manhattan, with a nominal rank of third secretary. Richard Boucher, a State Department spokesman, said today that Mr. Collazo was being expelled because of "activities inappropriate to his responsibilities at the United Nations," a phrase typically used to describe espionage.

In six hours of interview with reporters from WSCV-TV, the Miami affiliate of the Telemundo television network, Mr. Avila said the Cuban Government had given him money to finance the activities of Alpha 66, including thousands of dollars to buy a boat that was used in attacks on Cuba. As early as January 1981, Mr. Avila said in an interview, he helped organize an Alpha 66 raid on Cuba with the knowledge and support of Cuban agents. But he said he also informed American officials of the planned attack, and they moved against organizers of the raid before it could be launched. As a result, seven people were convicted of violating provisions of the Neutrality Act that prohibit the organization of attacks on foreign governments from American soil. "Better 18 months in an American prison than to be shot or jailed in Cuba," Mr. Avila said in justifying his action.

More recently, Mr. Avila said, Cuban intelligence agents operating under diplomatic cover had asked him to gather information on the personal lives and habits of 40 prominent anti-Castro figures in the United States. He said he had also been asked to gather intelligence on a site in the Florida Keys used by the United States Government to broadcast anti-Castro news and entertainment programs by television to Cuba, perhaps for an attack on the source of the broadcasts.

The first broadcast of reports based on interviews with Mr. Avila had immediate repercussions among Cuban exile groups here. His confessions were the main topic on Spanish-language radio here, with reporters and panelists arguing that the 40 names were part of an assassination list and wondering how many other spies could still be operating under exile groups.

Mr. Avila told the reporters that he came to the United States as a teenager in the early 1960's, and soon afterward joined Alpha 66. In 1967, he was sent to Cuba on an infiltration and sabotage mission, but was captured, tried, and sentenced to 25 years in prison. While serving his sentence, he said, he was approached by the DGI, the Cuban intelligence agency, and asked to become a spy. He said he readily agreed to gain his release: "Getting inside them was one way to continue the struggle against them."

Mr. Avila asserts that not long after his return here, he contacted what he described as an "American counterintelligence agency" and was almost immediately put to work as a double agent. The program's producers said Mr. Avila led them to believe that he was speaking of the FBI, whose responsibilities include monitoring foreign spy activities in the United States. A spokesman for the agency, Bill Carter, declined to comment of Mr. Avila's story.

(New York Times, November 11, 1992)

EUROPE



BOB COLYARD
84 HARRISON AVE
BRICK, NJ 08724

A tip on Glenn Hauser's "World Of Radio" from Brian Alexander has Radio Bosnia-Herzegovina on (approx) 6220 from 21 to 01. I did manage to hear this station myself on 11/22, @2305 w/news by man (sounds similar to Italian) and ID something like: "Presenta radio... ..Radio Bosna sergovna...". CUN311

ALBANIA

Radio Tirana

- 9580 *0230 RT: EE: Statistics dealing w/amount of Italian aid distributed in Albania. Very interesting. (Not!) (444 11/10 Bellovich-FL)
0240 RT: EE: Woman w/commentary & ballad mx. (555 10/3 Humenyk-DXM) (DXM = site of ODXA DX-camp in Mansfield, Ontario.)

73 *bb*

AUSTRIA

Radio Austria Int'l

- 5945 2001 ORF: GG: Man w/news. (322 10/27 Bishop-NY)
9870 0145 ORF: EE: Report on the Austrian economy. (333 10/16 Brown-IL)
2334 ORF: EE: News & "Report From Austria"; w/"News Magazine" on the US elections. (444 10/14 Bickus-VA)
9875 0130 ORF: EE: A tribute to Willy Brandt. He was greatly loved. (555 10/9 Robinson-TN)
0130 ORF: EE: News & talk on a children's museum; letter program. ("Postbox") (444 10/11 Biczak-NJ)
0130 ORF: EE: //9870(544); "Report from Austria" w/discussion on anti-semitism in Austria. (544 10/20 Bellovich-FL)
0135 ORF: EE: "Report From Austria" (433 10/19 Bishop-NY)
0141 ORF: EE: Woman w/news on Bosnian crisis. (343 10/20 Owsley-CA)
13730 1120 ORF: GG: Man/woman w/taped interview. (354 10/3 Humenyk-DXM)

BELGIUM

Radio Vlaanderen Int'l

- 9930 *0030 RVI: EE: Discussion on Belgium's roads; they have the highest ratio of road accidents in Europe. (434 10/22 Bellovich-FL)
0030 RVI: EE: News, weather & talk on social security and night schools. (433 10/19 Bickus-VA)
0049 RVI: EE: "PO Box 26" letter program. (454 10/7 Lukas-NY)
17545 1823 RVI: Dutch: Severe interference from digital station. (Hank, I get it also on this & 175501 -BC) (322 10/13 Lukas-NY)
21810 1400 RVI: EE: Nx, press review & "PO Box 26" w/listener's letters. (343 10/14 Biczak-NJ)
1400 RVI: EE: News & "Radio World" w/Fran Vossen, then "Tourism". (555 10/24 Card-RI)

BULGARIA

Radio Sofia

- 9700 2308 RS: EE: Talk on political changes in Bulgaria; bad QRM from Deutsche Welle. (322 10/23 Bellovich-FL)
11700 0525 RS: SS: Lots of M/W talk, some music. (fr 10/13 Famularo-JP)
11720 1900 RS: EE: Program of Bulgarian folk songs with explanations. (222 10/21 Findlater-CA)
2300 RS: EE: ID & News. (333 9/30 Babin-MA)
15330ex 1853 RS: EE: Talk on Palestinian peace talks. (544 10/21 Rontanini)
1930 RS: EE: Program of Bulgarian folk music. (444 10/21 Fraser-MA)

CZECHOSLOVAKIA

Radio Czechoslovakia

- 7345 *0000 RC: EE: //11990(222); News, & discussion on firearm permits, and the large demand for them. The 2nd amendment is alive a well in Czech. (333 10/16 Bellovich-FL)
0020 RC: EE: "Mailbag" program. (444 10/1 Babin-MA)
9505 0630 RC: GG: Man w/news & jazz music program; woman w/English news at 0700. (222 10/22 Findlater-CA)
9580 0018 RC: EE: "observer" and "Stamp Corner" about stamps; this is a very good program. (454 10/7 Lukas-NY)
11990 0714 RC: EE: Talk on a 15th century pharmacy in Prague; "Mailbag". (fair 10/30 Famularo-JP)

CROATIA

Croatian Radio, Zagreb

6210 2200 CR: EE: Man w/ID & Croatian talk; into English news @2203 on the war, then Euro-pop music @2206. (323 10/22 Bellovich-FL)

FINLAND

Radio Finland

6120 1934 RF: EE: Nordic wx, ID, "Compass North" on preparations for the 1994 elections. (fair 10/23 Famularo-JP)
 9560 0248 RF: EE: News of Clinton winning US election. (333 11/4 Brown)
 0702 RF: Finnish: News & Finnish wx, then "Taala Helsinki" ID & into financial news; slight QSB. (343 10/8 Westenhaber-PQ)
 15400 *1330 RF: EE: Finland is reducing it's aid to foreign countries, & talk that they might join NATO. (413 10/30 Bellovich-FL)
 21550 1330 RF: EE: Discussion of Finnish economy. (354 10/23 Meinhardt)
 0910 RF: EE: Sports, w/mention of Finnish NHL hockey players; some long path echo. (fair 10/9 Famularo-JP) Jari Kurri eh?!

FRANCE

Radio France Int'l

3965 0130 RFI: FF: Financial news. (333 10/1 Babin-MA)
 9800 0126 RFI: SS: Woman w/ID & music. (333 10/8 Wolfson-OH)
 11705 1900 RFI: FF: Excited rapid-fire sports announcer doing live event, presumably soccer. (333 10/24 Findlater-CA)
 17620 0249 RFI: SS: Talk on the signing of the North American free trade agreement. (454 10/7 Lukas-NY)
 *1600 RFI: EE: News that US threatens trade war w/EEC, with tariffs on French wine. (423 11/6 Bellovich-FL)
 1645 RFI: EE: to Africa; "Club 9516" w/pop music and jokes by M/W. (434 10/18 Bickus-NJ)
 2112 RFI: FF: Two men w/race car event. (333 10/24 Owsley-CA)
 17650 1430 RFI: EE: //17695(222); Very poor audio w/echo, everything sounded like gibberish. (232 10/2 Bellovich-FL)
 17695 1426 RFI: EE: French press reviews on Nobel prize, Euro economic problems, et.al.; then news headlines: massacre in Sri Lanka, Khmer Rouge blows up bridges (sounds like rerun of news from early 1980s). (fr-gd 10/15 Famularo-JP)
 21620 1705 RFI: FF: //21685; Woman w/world news, anmts and talk on George Bush & Bill Clinton. (243 10/11 Owsley-CA)
 21645 1230 RFI: EE: News headlines & into "Club 9516" w/letter from US. (333 10/18 Brown-IL) Maybe a SPEEDXer, eh!

GERMANY

Deutsche Welle Voice of America

3995 0133 DW: GG: Man w/news/talk; severe ham QRM. (221 10/21 Bishop-NY) (334 10/1 Babin-MA)
 6040 0100 DW: EE: News; "Living In Germany" on Monopoly championships being held in Berlin. (444 10/25 Meinhardt-IL)
 0133 DW: EE: Interview w/officer of Rolls Royce. (555 10/15 Kyburz)
 6075 2045 DW: GG: German vocal music. (322 10/27 Bishop-NY)
 6085 0140 DW: EE: //6145(455); The killing of dolphins by commercial fishermen was featured; QRM de co-ch Bayerischer Rundfunk. (423 10/15 Bellovich-FL)
 9530 2217 VOA-Wertachtal: Current affairs reports, & talk on the US/EEC trade disputes, w/VOA tag lines; very strong periodic co-ch tone test which became RMWS *2329. (222 10/22 Westenhaber-PQ)
 9730 0140 DW: GG: Woman w/feature on "oom pah" music. (444 10/19 Owsley)
 11785 2250 DW: GG: Man w/classical symphonic music. (333 10/11 Owsley-CA)

GREECE

Voice of America Voice of Greece

7450 2335 VOG: EE: //9395(444); News on the controversy about the name "Macedonia" given to the former Yugoslav republic; the Greeks don't like it! (344 10/21 Bellovich-FL)
 2340 VOG: EE: World news & Greek music. (533 9/30 Babin-MA)
 9395 0109 VOG: Greek: Man/woman w/world news & into Greek music; much RTTY QRM. (323 10/19 Owsley-CA)
 9400 1904 VOG: EE: Woman w/news, including call for UN resolutions on Cyprus to be fulfilled; ID and into Greek rock music. (pr-fr 10/23 Famularo-JP)
 9425 1845 VOG: Greek: Vocal music selections. (333 10/8 Levison-PA)
 9700 2050 VOA-Kavalla: Louis Conover's jazz program with the music of George Shearing. Very nice! (323 10/22 Bellovich-FL)
 15650 *1530 VOG: EE: //17525(323); Woman w/news on Greek/Russian relations (I've difficulty understanding this lady) (333 11/6 Bellovich)

HUNGARY

Radio Budapest

6110 2235 RB: EE: //9835(333), 11910(222); Feature on famous Hungarian football player of the 40's & 50's. (322 11/6 Bellovich-FL)
 9835 *0300 RB: EE: //11910(211); News & item on Hungarian students in Slovakia being forced to speak Slovak. (423 10/11 Bellovich)

ITALY

IRRSRadiotelevisione Italiano

- 7125 *0200 IRRS: EE: UN Radio news w/ details of UN actions in Yugoslavia and Iraq. (323 10/11 Bellovich-FL)
- 9575 *0100 RAI: EE: //11800(323); ID & News: the IMF & EEC urges Italian government to curb spending. (very poor 10/22 Bellovich-FL)
- 11800 0100 RAI: EE: News of trade union calling for strike and talk of Italy's austerity budget. (444 10/7 Newbury-NE)
- 0100 RAI: EE: News followed by a song in Italian. (433 10/8 Biczak)
- 0155 RAI: Italian: News that Italians eat too much meat & fat, and lack carbohydrates; 24 pregnant women, 20 years old, found in 400 year old crypt in Italy. (433 10/22 Rontanini) Wierd! -BC
- Don Rontanini adds some comments to last month's discussion. He says he listens to RAI regularly (fluent in Italian) and has noticed they often have problems with their broadcasts, i.e.. long interval signals, and even the wrong language being cued up. Don agrees it must be a bilingual "cleaning lady" (skeleton crew) that changes the tapes and runs the station at night. He also says he and his wife (wife is Italian) have written many letters to RAI with questions on their operation. Here again, Their main office does not answer letters whether written in English or Italian. He feels it's a very sad operation, and we will never know if it's a cleaning lady, robot or 1940's computer working at RAI. Thanks Don! Let's start a campaign to bring back the "Dead Lady". -BC

LUXEMBOURG

Radio Luxembourg

- 15350 2040 RTL: EE: "Saturday Dance Party" w/rap music, telephone number: LUX 1381. (343 10/10 Newbury-NE)
- 2042 RTL: EE: ID, promos & pop music: Bryan Adams & Tina Turner's "It's Only Love". (222 10/22 Bellovich-FL)
- RTL's last day for English is DECEMBER 30th. Don't miss it! This is your last chance to catch those great RTL promos. BC

MALTA

Deutsch WelleVoice of Mediterranean

- 11865 0108 DW: EE: ID & "European Journal" on Slovakia's plan to dam the Danube River for hydroelectric power. (434 10/20 Bellovich)
- 11915 *2200 DW: GG: ID & news; QRM de co-ch VOFC. (222 10/21 Findlater-CA)
- 13790 2230 DW: PP: News & talk on Columbus, Santa Maria, Genova; then ID: "Voz de Alemania". (545 10/12 Robinson-TN)

MONACO

Trans World Radio

- 9480 0731 TWR: EE: IS to 0735, then opening anmt & mention of "9.5 Mhz" (Why do they always round off?); into "Wake Up" program. (242 11/5 Westenhaver-PQ)
- 0900 TWR: EE: "The Worship Hour"--"Days Of Our Lives" and reading from the Psalms. (333 10/31 Brown-IL)

NETHERLANDS

Radio Netherlands

- 6020 0000 RN: EE: Discussion of the Greek language; I learned there are actually 3 different forms of Greek. (444 10/22 Bellovich-FL)
- 0045 RN: EE: "Newslines", full ID & program on Holland festival of early music. (434 10/7 Bickus-VA)
- 0120 RN: EE: "On The Waterfront" on pollution & the North Sea. (444 10/22 Carson-OK)
- 11935 0803 RN: Dutch: "9 to 5" by Dolly Parton, ID & excerpt of speech by woman(Queen Beatrice?). (fr-gd 10/30 Famularo-JP)
- 17610 1358 RN: EE: "Media Network": J.M. w/comments towards Glenn Hauser for dismissing the VOA conference. He also mentioned, the industry people share their practical experience, as opposed to sitting in bars exchanging QSLs. (333 11/19 Colyard-NJ) That's not a very positive view of us shortwave listeners. BC
- 21745 1404 RN: Dutch: //21480(better); "Nederlands Nieuwsjournaal" with anmt of new Dutch radio station, "Radio 538" medium wave; full ID w/freqs. (343 10/20 Westenhaver-PQ)

NORWAY

Radio DenmarkRadio Norway Int'l

- 7210 *0430 RD: Danish: IS & woman w/news; 0500*. (222 10/21 Findlater-CA)
- 9560 0416 RNI: Norwegian: News & talk on El Salvador and Nicaragua. (422 10/9 Lukas-NY)
- 9650 0431 RD: Danish: //9560; to N. America. (454 10/9 Lukas-NY)
- 11735 *0730 RD: Danish: Radio Norway/Radio Denmark IS; man w/ID in English & Danish; announced to Africa. (fr-gd 10/13 Famularo-JP)
- 11795 2305 RNI: EE: Interesting report on the need for a railroad in the northern part of Norway. (443 10/24 Biczak-NJ) (434 9/30 Babin)
- 21705 *1200 RNI: EE: //17860(unuseable due to Moscow co-ch QRM); IS, ID & weekly news highlights in Norway. (fair 10/24 Famularo-JP)

PORTUGAL

Radio Portugal Radio Free Europe/Radio Liberty

- 7155 0300 RFE/RL-Maxoqueira: RR: Man w/ID & long talks on Sarajevo, Minsk, Bosnia, Shevrenadze; 0400*. (333 10/21 Findlater-CA)
- 7285 0630 VOA: Serbian: Man w/news & talk on Yugoslavia; 0700*. (333 10/24 Findlater-CA)
- 9570 0200 RDP: PP: IDs & vocal music about "Maria.." (Usual wonderful music) (545 10/12 Robinson-TN)
- *0230 RDP: EE: //9705(211); News: Concorde lands in Lisbon after a round-the-world flight in record time, 32 hrs, 49 mins. (433 10/15 Bellovich-FL)
- 0232 RDP: EE: News that Clinton won the election. (333 11/4 Brown)
- 0245 RDP: EE: News, weather & temperatures in the Azores & Mederi. (332 10/16 Theobald-FL)
- 9625 0400 RFE/RL-Maxoqueira: RR: "Radio Svoboda" ID; man w/long talk; QRM de co-ch CBCNQS. (222 10/23 Findlater-CA)
- 9705 0230 RDP: EE: News of Portugal's P.M. in Israel. (333 10/27 Brown)
- 15200 2000 RDP: PP: //21655; Live soccer game w/excited announcer. (333 11/8 Findlater-CA) "Goaaaaaaaaaaaaaaaaaaaaaaaaaall!" -BC
- 17745 1337 RDP: PP: Man w/commentary; piano mx bridge. (343 10/4 Humenyk)
- 21515 1535 RDP: EE: Woman (Winnie?) w/news & portugese wx; ID w/schedule, then into "Music Time", program of Portuguese music; this to Mideast/S.Asia; 93 PWBR shows it at *1630. (Magne bashing!) (243 10/20 Westenhaver-PQ) Been there at least a year! -BC
- 21655 1124 RDP: PP: Interviews w/carefree, giggly woman on phone; music and back to same woman; WRTH lists this as weekends only to Brazil, Cape Verde & Guinea Bissau. (fair 10/24 Famularo-JP)
- 1751 RDP: PP: to Brazil/Cape Verde: Fairly strong. (353 10/7 Lukas)
- 1906 RDP: PP: Woman w/musical selections. (333 10/7 Levison-PA)

ROMANIA

Radio Romania Int'l

- 6155 0200 RRI: EE: IS & ID as "Radio Romania"; news. (444 10/4 Humenyk)
- 9510 0203 RRI: EE: //5990(322), 6155(222); Results of Romanian elections are discussed and desires of Hungarian minority for autonomy in Transylvania. (322 11/1 Bellovich-FL)

SPAIN

Radio Exterior de Espana Spanish National Radio

- 8630 0010 SNR: EE: News about European steel industry in trouble. (312 10/18 Theobald-FL) Glenn Hauser once mentioned this, on "World of Radio", as being common w/single conversion radios. My Sangean ATS-800 only tunes as high as 21750 kHz. So I can't listen to "Radio Vlaanderen" on 21810 kHz. However, if I tune 900 khz down from 21810 kHz to 20910 kHz, there it is! This "image", as it's called, is usually a nuisance in cheaper radios, but in this case it's a plus! Try it, it works! -BC
- 9530 0025 SNR: EE: Comment on the European economic summit being held in Birmingham, England. (544 10/17 Fraser) The real freq, 9530!
- 0053 SNR: EE: "learning Spanish By Radio" (444 10/15 Kyburz-CO)
- *0100 SNR: EE: ID, program information & news, w/item on fighting corruption in the Spanish government. (423 10/12 Bellovich)
- 0112 SNR: EE: World news w/item on reduction in Spain's capacity in steel production. (444 10/19 Owsley-CA)
- 9580 2015 REE: AA: IS, ID, freq sked & news. (444 10/12 Fraser-MA)
- 9875 1505 REE: SS: Man/woman w/talk & music; @1530: ID and world news; some co-ch QRM. (fair 10/28 Famularo-JP)
- 11715 1840 REE: SS: News of deaths in San Heredia. (444 11/4 Bickus-VA)
- 15110 1900 REE: SS: Commander Miquel Jose flying a "Mirage" aircraft crashed, calling off air-show in Spain. (544 10/21 Rontanini)
- 2040 REE: SS: Live soccer match, Spain vs Chile. (444 10/24 Owsley)
- 15445 1935 REE: SS: //15110; 2 men w/live soccer game. (555 10/3 Humenyk)
- 21460 2350 REE: SS: Man/woman w/light instrumental music; then into world news @0003. (555 11/1 Owsley-CA)

SWEDEN

Radio Sweden

- 9695 *0200 RS: EE: //11705(333); IS, ID & news w/item: 18 "Shining Path" guerillas seek asylum in Sweden. (323 10/15 Bellovich-FL)
- 11705 0220 RS: EE: Report on sports this weekend. (333 10/19 Brown-IL)
- 17870 1600 RS: EE: Discussion on the Nobel prize & talk on pop heroes. (454 10/24 Meinhardt-IL)

SWITZERLAND

Swiss Radio Int'l

- 6135 *0158 SRI: EE: IS, ID & news w/mention of today being the 500th anniversary of Columbus's discovery. (333 10/12 Brown-IL)
- 9650 0000 SRI: EE: News & talk on the recession. (444 10/19 Bickus-VA)
- *0200 SRI: EE: //6135, 9885, 12035; "Dateline", bad economic times affects "Swissair" airlines. (434 10/20 Bellovich-FL)
- 0220 SRI: EE: Talk on socialism conference. (444 10/27 Brown-IL)

SWITZERLAND

Swiss Radio Int'l

continued

9860 0444 SRI: FF: Promo for new program "Azimuth Contact" on the last Sunday of the month; then messages from Swiss to friends and relatives abroad. (344 10/8 Westenhaver-PQ)

9885 0200 SRI: EE: News & "Grapevine" w/listener's letters; then "Swiss Shortwave Merry-Go-Round". (443 10/18 Biczak-NJ)

0215 SRI/RCBS: EE: "Red Cross Review" w/report on Mozambique. (333 10/29 Brown-IL) RCBS is the last Thursday of the month.

12035 0400 SRI: EE: News w/item on US presidential race. (333 10/20 Brown)

15505 1300 SRI: EE: News on Bosnian blockade. (333 10/18 Brown-IL)

1315 SRI: EE: Talks & interviews on education & international film festivals. (fair 10/19 Famularo-JP)

UNITED KINGDOM

British Broadcasting Corp Voice of America

6195 2300 BBC: EE: News of Iraq releasing an American. (433 10/10 Brown)

7260 0645 BBC-Eng: EE: Program w/talk on different concepts of feminism, station address & promo for BBCWS. (343 10/8 Westenhaver-PQ)

7325 0110 BBC: EE: A Play on Brendon Bracken & Lord Haw Haw, who broadcasted Nazi propaganda via shortwave to the UK during WWII. (555 10/11 Bellovich-FL)

0308 BBC: EE: News & "News About Britain". (333 10/19 Brown-IL)

0427 BBC: EE: "Book Choice" with a book review. (333 10/14 Brown)

9615 1315 BBC: EE: News. (343 10/25 Meinhardt-IL) Should be Swahili?!

9750 1025 BBC: EE: "Letter From America" on Perot. (243 10/10 WW-PQ)

9915 2225 BBC: EE: Music by Billy Holiday & Peggy Lee. (444 10/10 Brown)

2312 BBC: EE: Financial Report w/future prices. (433 10/13 Brown)

12095 1830 BBC: EE: "Discovery" on new chemical, and earliest amphibian fossils were found in Scotland. (454 10/13 Fraser-MA)

13660 2130 BBC-Falklands: EE: Talk on fishing agreements with Argentina. (512 10/6 Newbury-NE)

15070 1315 BBC: EE: Report on situation in Hong Kong. (333 10/23 Brown)

1655 BBC: EE: Talk on US presidential race. (333 10/11 Owsley-CA)

1843 BBC: EE: "Multi-Track Two" music program playing the latest pop hits in England. (554 10/21 Rontanini-FL)

1915 BBC: EE: "Outlook" interview w/Julie Andrews & excerpts from her movies. (454 10/16 Fraser-MA)

15115 1249 BBC-Eng: EE: to Europe: Promo for BBC-WS. (fr 10/19 Famularo)

15185 1500 VOA-Woofferton: Uzbek: IS, ID & announcement: "The following transmission is in Uzbek". (333 10/27 Millard-TX)

17640 1446 BBC: EE: "Global Concerns" w/talk on rare & unknown reptiles found on Island off Mozambique. (433 10/2 Bellovich-FL)

17705 1005 BBC: EE: Talk on danger of drugs & prostitution in Amsterdam. (fair 10/23 Famularo-JP)

VATICAN CITY

Vatican Radio

5882 2315 VR: SS/EE: Special broadcast w/the Pope in Santo Domingo; speech in SS from el Pontiff. (545 10/22 Robinson-TN)

6245 1940 VR: Latin: "Holy Rosary" to Europe. (fr 10/24 Famularo-JP)

7305 0205 VR: SS: Rx news & talk on Vatican stamps. (433 10/16 Bickus)

*0250 VR: EE: //9605(434); News on Pope's trip to Dominican Republic to celebrate Columbus bringing Christianity to the Americas. (455 10/15 Bellovich-FL)

0250 VR: EE: Story of 10 lepers. (444 10/11 Biczak) (333 Brown-IL)

9600 2200 VR: CC: Man w/religious talk. (222 10/23 Findlater-CA)

9605 0250 VR: EE: "The Rome Report" (333 10/13 Brown-IL)

9695 0504 VR: EE: News about Africa. (222 11/3 Brown-IL)

0653 VR: EE: //11625, 15090; World news. (pr-fr 11/1 Famularo-JP)

11740 0734 VR: EE: Very professional world news program; ID & "back on the air at 20 past 12", IS 0745*. (pr-fr 10/16 Famularo-JP)

11935 0145 VR: EE: to India/Asia: News on human rights. (322 10/29 Bickus)

15090 1523 VR: Tamil: I don't understand Tamil! (353 9/30 Lukas-NY)

2000 VR: EE: IS & ID "This is the African service of Vatican Radio". (555 9/27 Humenyk-Ont) (253 10/3 Humenyk-DXM)

YUGOSLAVIA

Radio Yugoslavia

9505 2200 RY: EE: "Broadcasting to Western Europe"; news on Bosnia and Croatia; 2230*. (333 10/23 Findlater-CA)

2225 RY: EE: Closing anmt giving EE sked as: *1930 on 6100, 7200; *2200 on 6100, 7200, 9505. (343 10/22 Westenhaver-PQ)

2225 RY: EE: Man w/sign-off anmt & sked. (10/28 Wolfson-OH)

9580 0100 RY: EE: News w/detailed reports on situation in Bosnia; heavy QRM from Radio Czechoslovakia. (333 10/18 Biczak-NJ)

0105 RY: EE: News on Yugoslavia & Kosovo. (423 10/15 Bellovich-FL)

17740 1230 RY: EE: News of elections in Serbia. (545 10/10 Robinson-TN)

1246 RY: EE: //21605; "Science & Technology Report"; mx & sign-off; this freq for NAM & 21605 for Australia. (343 10/30 WW-PQ)

The Commonwealth

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

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

CIS		Radio Moscow	Radlo Ukraine	Radlo Tashkent	Radlo Yerevan
4485	0900	<u>R. Petropavlovsk</u> : RR: ID as R. Tikhy Okean, W w/ long Russian operatic type mx & vocals (333 10/27 Findlater-CA)			
4980t	2203	<u>Yakut R.</u> : RR: Russian type mx, no ID heard (322 10/27 Bishop-NY)			
6050	0600	<u>RM</u> : EE: ID, M/W dialog on current state of Russian economy, ancw w/ pgm of jazz by Russian musicians, 0800* (333 10/16 Findlater-CA)			
7180	0000	<u>R. Rossiy</u> : FF: ID, M nx on Mitterand, Bosnia (222 11/12 Findlater-CA)			
7180	0500	<u>RM</u> : EE: ID, nx read by V. Orgorov, rpt on Yeltsin's problems w/ hardliners, CIS conference in Moscow to resolve inter-country problems (444 11/6 Findlater-CA)			
7200	0600	<u>R. Rossiy</u> : RR: ID, W nx, choral mx pgm, 7210 (333 11/9 Findlater-CA)			
7210	0800	<u>R. Khabarovsk</u> : RR: ID, M/W dialog + RR mx & vocals (333 10/27 Findlater-CA)			
7230	2300	<u>RM</u> : SS: IS, ID, M nx - ments of Hungary, Yeltsin (222 11/8 Findlater-CA)			
7315	1501	<u>DW</u> : GG: M w/ nx, slop from jammer on 7320, poor choice move! (311 11/4 Blair-CA)			
7330	0700	<u>RM</u> : RR: IS, ID, M tlk, classical mx pgm, 0800* (222 10/19 Findlater-CA)			
7345	*0630	<u>RM</u> : EE: IS, abrupt s/on, W summary of a Tolstoy novel (333 11/8 Findlater-CA)			
7370	1428	<u>RM</u> : EE: "Mailbag", nx in brief @ 1430, "Russian by Radio" (555 10/16 Blair-CA)			
9505	1640	<u>RM</u> : EE: W w/ "Africa Report", ID, 9555 (555 10/30 Owsley-CA)			
9530	2230	<u>RM</u> : EE: nx in brief, ID, into "Culture & the Arts in Russia" pgm (434 10/18 Bellovich-FL)			
9540	*1200	<u>RT</u> : EE: straight on (no IS) w/ opening theme mx, W ID, very poor under co-channel R. Australia in CC (222 10/8 Westenhaver-QU)			
9600	0330	<u>R. Magadan</u> : RR: Russian nx over co-channel BBC, heavy fading (322 10/10 Babin-MA)			
9640	2215	<u>RM</u> : EE: "Focus on Asia & the Pacific" on Taiwanese independence movement and nuclear control in the Koreas (333 10/26 Westenhaver-QU) (Owsley-CA)			
9685	0130	<u>RU</u> : EE: cmtry on Ukraine's building of armed forces (343 10/18 Biczak-NJ)			
9685	2148	<u>RM</u> : EE: classical mx pgm - "Sampson & Delilah" and "Swan Lake" (444 10/14 Fraser-MA)			
9705	1155	<u>RM</u> : CC: pop mx, "Mosuko guangbo diantai" ID by W and mb anmt @ 1158, IS to 1200, W anmt & nx (343 10/8 Westenhaver-QU)			
9735	1638	<u>RM</u> : EE: "Africa as We See It" pgm, cmtry on military moves vs the gov't in Togo (243 10/23 Westenhaver-QU) (Fraser-MA)			
9800	0800	<u>RM</u> : RR: IS, ID, M/W dialog, ments of Yeltsin (222 11/6 Findlater-CA)			
11660	2030	<u>R. Aum Shinrikyo</u> : EE: ID, W w/ sermon - "the search for eternal truth & salvation", hymns, <u>RM</u> @ 2100 (333 10/26 Findlater-CA)			
11660	2200	<u>RM</u> : EE: ID, W nx - US presidential debate, UN peacekeepers in Sarajevo (333 10/19 Findlater-CA)			
11720	2000	<u>RM</u> : RR: IS, ID, M/W dialog on Georgia/Tiblisi, poor (222 10/19 Findlater-CA)			
11730	2000	<u>RM</u> : RR: IS, ID, M nx, ments of Yeltsin & Vladivostok, mx pgm (222 10/25 Findlater-CA)			
11875	2300	<u>RM</u> : RR: IS, ID, M nx, co-channel QRM de Cuba @ 0000 (222 10/22 Findlater-CA)			
12050	2040	<u>R. Aum Shinrikyo</u> : EE: religious tlk, ad for book, into mx selection in EE & JJ (333 11/6 Blair-CA)			
12050	0116	<u>RM</u> : EE: cmtry abt border problems btw India & China, 15425 (444 11/7 Blair-CA)			
12050	*2340	<u>RY</u> : EE: M ID "This is Yerevan", Armenia/Azerbaijan war nx, bad QRM de Cairo in AA (212 10/23 Bellovich-FL)			
12070	2038	<u>R. Aum Shinrikyo</u> : RR: M tlk, Japanese & religious mx, ID @ 2057 (??? 11/1 Wolfson-OH)			
15225	1400	<u>RM</u> : EE: nx, "New Market", "Audio Book Club" (343 10/10 Biczak-NJ)			
15375	2032	<u>R. Aum Shinrikyo</u> : EE: W ancw w/ religious pgm & mx (252 10/19 Lukas-NY)			
15385	1635	<u>RM</u> : EE: "Africa as We See It" pgm ID, interview w/ Malian foreign minister on his visit to Moscow (243 10/22 Westenhaver-QU)			
15425	2205	<u>RM</u> : EE: M w/ wld nx, ID @ 2210, "Focus on Asia & the Pacific" (333 10/19 Kyburz-CO) (Westenhaver-QU) (Owsley-CA)			
15425	2030	<u>R. Aum Shinrikyo</u> : EE: "The Teachings of the Truth" pgm, song "Forge Ahead" (555 10/16 Bagozzi-CA) (Findlater-CA)			
17605	2056	<u>R. Aum Shinrikyo</u> : EE: W w/ ad for book via Japan address, M ID @ 2058, into RM @ 2100, 17690 (544 10/26 Blair-CA)			
17690	0135	<u>RU</u> : EE: interview, unemployment in Ukraine, pop mx, ID (333 10/7 Bickus-VA)			
17690	2123	<u>RM</u> : EE: "News & Views" - cmtry on closing of Coal mines in UK (544 10/20 Blair-CA)			
17690	*2030	<u>R. Aum Shinrikyo</u> : EE: ID, M/W w/ religious sermons in broken EE, 2100* (444 10/23			

Findlater-CA)
 17700 0425 RM: RR: M tik, folk guitar mx (333 10/30 Owsley-CA)
 17720 2325 RM: EE: "Commonwealth Update", nx in brief @ 2330, "Russian by Radio" (555 10/26 Blair-CA) (Westenhaver-QU)
 17810 1500 RU: Ukrainian: IS, brief anmt w/ "Radio Ukraina", into odd vocal mx - sort of Red Army Chorus to disco beat!, QSB (343 10/12 Westenhaver-QU)
 17840 0405 RU: RR: M w/ EZL Instrumental mx, into ID @ 0410 (354 10/30 Owsley-CA)
 21465 1523 RM: EE: rpts on Romanian and Angolan elections, nx in brief @ 1530, light classical mx pgm (242 10/13 Westenhaver-QU)
 21575 1232 RM: Indonesian: ID, M/W hosting "Kotak Pos" ("P.O. Box") pgm w/ tik (answering letters?) & light mx (322 10/11 Westenhaver-QU)

Lithuania Radlo Vilnius

17605 0016 RV: EE: Lithuanian press cmtry w/ interesting stuff on money laundering by Lithuanian Mafia, weak/flutery, || 17690 (242 10/23 Westenhaver-QU)
 17690 0005 RV: EE: ID, freq info, tik on economy & need for loans from the IMF, || 9530 (444 10/24 Bellovich-FL) (Bickus-VA) (Westenhaver-QU)

Schedules

Radio Art
 05:15-07:00 on 11655

Radio Pamyat
 14:30-16:00 on 7230
 [SCDX 2165 via USEnet]

A low turnout this month, but still a good selection of loggings. That's all for this time around - see you in 1993. -Jason

Merry Christmas and Happy New Year!



DX MOSCOW

Anatoly S. Klepov
ul. Tvardovskogo, 23, kv. 365
123458 Moscow, RUSSIA

News from Russia

New programme schedules:

Radio Vedo (Volgograd) in Russian:
0500-0900 (Sat/Sun) on 1467, 5915, 7125, 7185
1500-1930 (Daily) on 1467, 7185, 9655, 11760, 13710
(Nikolai Rudnev, Belgorodskaya obl.)

Radio Radonezh (Moscow) in Russian:
1600-1700 on 9695; 1900-2000 on 846 mw
(Nikolai Rudnev, Belgorodskaya obl.)

Radio Alpha and Omega (Moscow) in Russian:
1500-1600 on 9695
(Nikolai Rudnev, Belgorodskaya obl.)

Radio Nadezhda (Moscow) in Russian:
0800-1100 on 630mw, 6090, 15460
1100-1400 on 9725, 9770, 11665, 11805
1500-1800 on 1440mw, 7310, 9490, 11800, 12005
2000-2300 on 1215mw, 1440mw, and 5915
(Editor)

Radio Polis (Sankt-Peterburg) in Russian, but announcements in English:
0430-1700 on 1053mw, 6045
QSL-secretary: Mrs. Favorskaya
Ligovski pr., 253, kv. 2
192007 Sankt-Peterburg
(Editor)

Pirate news:

RWBI (Moscow): From November, 2000-0200 (Sat) on 3940
New address: Mr. Igor Krylov
Post Box 29
109444 Moscow
(Editor)

VBWS (Moscow): 1300 (Mon, Wed, Fri) on 7365
1830 (Tue, Thu, Sat) on 7520
1800-2100 (Sun) on 7520
Power: 50-100 watts. Address: Post Box 35, 115516 Moscow
Plan: Broadcasting in Russian, English, German, Latvian, and Esperanto
(Editor)

Russian State Holidays in 1993: 1 and 2 January, New Year's Day; 7 January, Christmas; 8 March, Women's Day; 1 and 2 May, Spring Holiday of Labour; 9 May, Victory Day; 12 June, Independence Day; 7 November, Anniversary of the Great October Socialist Revolution.

Who can help to get a portable Xerox machine that has already been used (the date and country of production doesn't matter) for the needs of **DX Moscow**? In case of such a possibility, please try to deliver it to Moscow with some person or with the help of your office in Moscow, because customs duties in Russia are very high.



AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

Let's see, according to the rules, this is where I'm supposed to wish everyone a happy holiday season. But from the pile of great logs before me, it looks like Santa came early for lots of you! Here's seasons greetings to all, and may we all find the propagation to be propitious in the coming year.

ALGERIA

9535 2100 RTV Algerienne: EE: ID, then nx in EE (434 10/2 Babin-MA)

ANGOLA

4820 2204 EP da Huila: PP: Mixed bag of mx- jazz, romantic ballads, etc, hosted by M, good ID @ 2258 during apparant s/off anmts, 2300* (252 10/16 D'Angelo-PA)

ASCENSION ISLAND

6005 0327 BBC: EE: Rpt on World Cup qualifying (322 10/28 Brown-IL)

9600 0404 BBC: EE: US confirms it has resettled Iraqi refugees (333 10/19 Brown-IL) EE nx, hvy QRM (322 10/10 Babin-MA)

11820 2000 VOA: EE: ID as African svc, M & W w/nx of presidential debates, Colombia earthquake (222 10/19 Findlater-CA)

15260 2258 BBC: EE: "Sports Roundup", ID/TC/world nx & business rpt, rpts by foriegn correspondants (343 10/15 Thompson-CA) Tlk on British theater //15400 (444 10/24 Owsley-CA) Rpt on earthquake in Cairo (444 10/12 Brown-IL)

17880 1815 BBC: EE: Rpt on situation in Liberia (333 10/24 Brown-IL)

21470 1658 BBC: EE: M w/tlk on US presidential race, // much stronger 21660 (333 10/11 Owsley-CA)

21660 1441 BBC: EE: "Off the Shelf" w/reading from Mansfield Park by Jane Austen, deep fades (342 10/12 Westenhaver-PQ)

BOTSWANA

3356 0352 R. Botswana: EE/VN: Rock mx, 0401 nx, no UTE QRM! [you must be living right- ed.] //7255 (KO'd by stn in RR) (333 10/19 George-MA)

7255 0335 R. Botswana: ??: Rlg sermons & choir vocals //3356 (554 10/18 D'Angelo-PA) Pop mx, VN tkl, 0438 EE rpt abt conference on energy technologies in Afr (434 10/16 Bagozzi-CA)

7265 0315 VOA: EE: Rebel leaders in Liberia join forces, food situation in Sarejevo (333 10/5 Brown-IL)

7280 0301 VOA: EE: ID, nx, QRM de DW (322 10/4 Babin-MA)

9885 0403 VOA: EE: Clinton reacts to State Dept investigation, rpt on Ross Perot (333 10/22 Brown-IL)

13710 1920 VOA: EE: Nx about Africa (433 10/7 Hart-MN) ID, nx in EE (344 10/18 Babin-MA)

15495 1940 VOA: EE: Mx- from Afr rhythms to Lionel Richie (322 10/28 Hankison-K8)

CAMEROON

3970 2221 CRTV-Buea (p): FF: Made brief appearance before W40NH-FL was nice enough to obliterate signal [no contributors credit for HIM- ed.]- tkl, rock & romantic tunes, but no ID (252 10/17 D'Angelo-PA)

5010 2157 CRTV-Garoua: FF: M tkl, horn & drum mx, TPs (232 11/1 Wolfson-OH) @0259 w/choral mx, s/on in FF (232 10/4 Babin-MA)

CENTRAL AFRICAN REPUBLIC

5035 2102 RTV Centrafricaine (t): FF: M w/world nx, ending w/(t) ment "Centrafricaine", @2006 into Snap's "I've Got the Power"- was going to stick with this longer, but someone else was getting RRI Ujung Pandang, so ... (242 11/7 Westenhaver-DX) [Bill took to the bush just before the deadline- ed.]

CHAD

4904.5 0505 RN Tchadienne: FF: DJ w/solid ID in FF- on 30 min late (333 10/4 Babin-MA)

CONGO

4765 2341 RTV Congolaise: FF: M ancw w/mx, 2356 ID, station info, NA, 0000* (?? 10/6 Wolfson-OH) DJ w/mx in FF & VN (344 10/12 Babin-MA) ID x2, drums @0000, NA, 0001* (333 10/4 Hart-MN) @449: M w/hilife mx, QRN increased towards 0500, 0502 ID, another M w/nx (343 10/9 Thompson-CA)

EGYPT

9475 0321 R. Cairo: EE: S/on, then NA (232 10/12 Babin-MA)
 9900 2127 R. Cairo: EE: Nx on the earthquake in Cairo- muffled audio (543 10/12 Lukas-NY)
 17595 1231 R. Cairo: EE: W w/world nx, ID as "Asian Svc of R Cairo" (fr 10/16 Famularo-JP)

EQUATORIAL GUINEA

5003.4 1953 RN de Guinea Ecuatorial: VN: M tkl in VN (few SS words thrown in) w/ment "Guinea Ecuatorial", afropop cuts & more M tkl (242 11/7 Westenhaver-DX)

ETHIOPIA

71101sb 1940 VO Ethiopia (p): AH: Vocals & some M anmts until 1959 choral anthem, 2000:30* (232 10/16 D'Angelo-PA)

GABON

4890 0515 RFI: FF: Pgm on water purification (322 10/4 Babin-MA)
 9580 2005 ANQ: FF: ID, local Afr mx (333 10/18 Babin-MA)
 11735 2116 RJ: EE: End of nx, ID (232 10/2 Babin-MA)
 15345 2026 RJ: II: "Curso di Cavalli" discussion on horses, song "Dreams Come True" (333 10/20 Rontanini-FL)
 17650 1535 ANQ: FF: Telephone caller, ads (353 10/4 Hankison-KS)
 21635 *0000 RJ: JJ: S/on w/IS, ID, world nx (433 11/2 Owsley-CA)

GHANA

4915 2200 GBC-1: EE/VN: Mx, EE "Radio One Ghana" ID into VN (433 10/23 Pasquale-PA) [Welcome, Denis!] Prayer by M, mx (454 10/3 Humenyk-ON) ID, church svc (333 10/18 Babin-MA) M tkl, mx, Muslim worship @2200 (?? 10/9 Wolfson-OH)

GUINEA

7125 2319 RTV Guineeeinne: FF: Men tkl, perhaps drama or interview, 2348 flutes, M anmtss, hilife mx, 2358 M w/closing anmts, freqs, NA, 0000* (333 10/13 Evans-TN) Long dialouge by M (111 10/17 Hankison-KS)

IVORY COAST

4940 0500 RTV Ivoirienne: FF: S/on w/clear ID, mod QRM de Russian station (222 10/4 Babin-MA)

KENYA

4935 0254 KBC: EE: Tribal-sounding vocals to 3+1 TPs & nx by W, 0307 W ID "This nx best comes to you from the KBC, Nairobi", march mx (353 10/20 D'Angelo-PA) @0158 IS, flute mx, choral NA then EE s/on (232 10/2 Babin-MA)

LESOTHO

4800 0342 LNBS: ??: Apparent rlg pgm to 0400 ID & M w/nx, into pop mx pgm (453 10/18 D'Angelo-PA)

LIBYA

15235 1950 R. Jamahiriya: AA: M w/AA anmts (222 10/23 Hankison-KS) Nx in AA (353 10/2 Babin-MA)

MADAGASCAR

5009.4 0320 RTV Malagasy: FF: FF & local mx mix (242 10/12 Babin-MA)
 9605 1900 RN: EE: ID/chat, promos for several current RN series (done by Jonathan- the guy is everywhere), into "Research File"- a bit fluttery, not surprising (242 10/11 Westenhaver-PQ)
 9860 0303 RN: EE: "Media Network"- Vatican Radio (333 10/29 Brown-IL)

11655 2010 RN: FF: End of nx, ID (333 10/18 Babin-MA)
13700 1404 RN: DT: "Nederlands Nieuwsjournaal" w/rpt on new Dutch MW
station, R. 538 (141 10/20 Westenhaver-PQ)
15150 1500 RN: EE: Guns 'n Roses mx, ID (211 10/4 Hankison-KS)

MALAWI
3380.7 0315 MBC: ??: Noted in clear after R Chortis s/off, tribal vocals
until 0333 M w/ID & brief anmts, vocal bridge, more anmts,
Afr tribal mx- @0340, another M apparently felt compelled
to give a speech (252 10/12 D'Angelo-PA)

MALI
9770 0020 CRI: EE: ID, flood control on Yellow R. //11715 (333 10/4
Bellovich-FL) ID, then nx (333 10/4 Babin-MA)
11715 *0000 CRI: EE: Nx of Bill Clinton, US-EEC relations (555 11/5
Bickus-VA) [Welcome aboard, Julianna!] Found it while
trying for RN-11720 (454 10/5 Lukas-NY)
11960 0810 RTV Malienne (t): VN: Choral chanting to oriental-style
flute & xylophone, M dialouge & chanting to more xylo mx,
f/out 0840 (pr+ 10/16 Famularo-JP)
15130 1650 CRI: EE: "Listeners Mailbox" (444 10/11 Owsley-CA)

MAURITANIA
4845 0011 ORTM: AA: M w/world nx briefs in city-item format, came back
to find 0101* w/Hitchcockian (p) NA (444 11/7 Westenhaver-
DX) W tlk (221 10/27 Bishop-NY)

MOROCCO
15235 1935 RTV Marocaine: AA: W w/AA mx, ID, NA, nx (433 10/26 Millard-
TX) Non-stop MEastern mx (444 10/18 Hankison-KS)

NAMIBIA
3290 0419 R. Namibia: VN: M tlk in VN, //3270 (322 10/22 Hart-MN)

NIGER
5020 0510 LV du Sahel: FF: Local pop mx, hvy RTTY QRM (322 10/4 Babin)

NIGERIA
4770 2233 R. Nigeria-Kaduna: EE: M w/Nigerian nx (354 10/3 Humenyk-ON)
W tlk about R Nigeria (322 10/27 Bishop-NY) Japanese ship
lost in China Sea, ID (333 10/30 Owsley-CA) S/on, animal
sounds, ID, prayer (333 10/4 Babin-MA)
4990 2258 R. Nigeria-Lagos: EE: Nx of Nigerian banking system (333
10/26 Millard-TX) Church svc (233 10/18 Babin-MA)
7255 0640 VON: EE: Cmty on education & development (444 10/2 Newbury-
NE) [Also rptd by Thompson-CA, Brown-IL, WW-PQ, & Babin-MA)

RWANDA
9565 0413 DW: EE: Rpts on Lithuania, Spanish politics (333 10/27
Brown-IL) Afr mx, QRM de Brazil (322 10/10 Babin-MA)

ST. HELENA
11092.5 *2000 R. St. Helena: EE: BBC nx, tourism info (444 10/23 Card-RI)
Phone calls, mx (333 Foster-NC) Local nx, ads, hosted by
Tony Leo (444 Fisher-MA) Anmt of DX test, 2048 I talked to
Tony Leo (333 Babin-MA) Call from Sheldon in Montreal (211
Hankison-KS) 50s mx, call from S Afr (333 Brown-IL) 2009
sung ID, local QRM (222 WW-PQ) Anmt of fax line number (322
Hart-MN) @2200: Address for QSLs/t-shirts (333 Schulsinger-
OH) Beatles, Supremes mx (unu-pr Famularo-JP) [!!] Really
rotten reception due to T-storm, but who's complaining? (pr
Thompson-CA) Greetings to/from listeners (333 Pasquale-PA)
beach Boys, other pop mx (333 Bellovich-FL) Calls from
DXers, \$22 shirt offer (343 D'Angelo-PA) Call from "Mike
FROM Ohio" Wolfson [not "Ed FROM Ohio?" 433 ed.- Congradu-
lations to all SPEEDXers who logged this one!]

SEYCHELLES
11730 0205 BBC: EE: Nx of S Afr demonstrations (312 10/18 Hankison-KS)
11810 0300 FERRA: SH: Western gospel hymns, choir mx (vy gd 10/26 Wires-
GA) [Welcome, Alden!]

15240 1615 BBC: EE: "Network UK" on dispute over ordination of W priests in Church of England (343 11/5 Westenhaber-PQ)

SIERRA LEONE
3316 2205 SLBS: EE: M w/nx & cmty to 2219, then ID "Sierra Leone Bcsting Svc", into classical piano mx (232 11/8 George-MA)

SOMALIA
7200 1825 R. Mogadishu (t): AA: M tlk between mx selections- AA-style & primitive-sounding instruments w/M vocals similar to other N Africans (Mali, Chad, etc). But considering situation in Somalia, could this stn still be bcsting?- covered by OC/tone from 1848- Kenya-4935, Sudan-9170 coming in at this time, seems to be E Afr (pr-unus 10/30 Famularo-JP) [One of the rival RMs is still being reported in the 6900-7000 range, so it could be them- another possibility is Afghanistan- 1st HS pgm is on this freq until 1900- ed.]

SOUTH AFRICA
3320 0134 R. Orion: EE: M ancr w/pop mx (221 10/28 Bishop-NY) EE pop mx w/anmts in AK (333 10/1 Babin-MA) Mx by Manhattan Transfer, other rock, ID (?? 10/18 Wolfson-OH)
7285 0437 R. Oranje: AK: Excited M w/ads, mx, ID (433 10/30 Owsley-CA)
9565 1700 Channel Afr: EE: African nx, 1800* (222 10/1 Findlater-CA)
11885 1700 CA: EE: Somali food crisis worsens (222 10/15 Findlater-CA)
11900 1942 CA: FF: M w/light pop tunes/chat, incl "this day in history" stuff, 1951 ID, nx headlines //15440 (333 11/7 Westenhaber)
11940 0429 BBC: PP: S/on anmts (322 10/12 Babin-MA)
15220 0400 CA: EE: Egyptian earthquake damage (333 10/13 Findlater-CA)

SUDAN
7200 0255 SNBC: AA: IS to 0259 NA, 0300 5+1 TPs, ID, M anmts, 0302 Qur'an (222 10/14 Evans-TN) End of nx (343 10/12 Babin-MA) Long tlk & chanting (222 10/18 Findlater-CA) IS (guitar of sorts), military-like NA, W tlk, chanting (?? 10/25 Hart)
9170nf 2157 SNBC: AA: Recitation, s/off routine, "Huna Omdurman" & AA text as in WRTH, 2200*- this has been reported as Sudan clandestine, but sounds like the govt station to me (353 11/8 George-MA) @1821 in EE w/interviews w/Brit citizens residing in Sudan, 1855 world nx, 1859 M ID w/freqs (announced 9190) (fr 10/23 Famularo-JP)

SWAZILAND
3200 0255 TWR: Ndebele: IS, stn anmt in EE, 0300 into Ndebele- moderate static crashes (252 10/20 Lukas-NY)
5055 0407 TWR: GG: ID in GG, hvy QRM de FF station (322 10/12 Babin)

TOGO
5047 2040 RTV Togolaise: FF: After hearing on BBC that rebel troops had taken over state radio/TV, tuned in next AM (JST)- hrd long, sometimes strident M tlk until 2100 lite classical mx (pr 10/22 Famularo-JP) M w/nx, mx by Allman Bros (322 10/23 Hankison-KS) Nx of US elections, Afropops (433 11/1 Hart)

ZAIRE
5066 0602 R. Candip (t): FF: Two M yak, bad het/QRM, no definite ID (242 10/9 Thompson-CA)

ZAMBIA
4910 0327 ZBS: VN: Local Afr tribal mx (232 10/12 Babin-MA)

CLANDESTINE
7100 2054 Galo Negro: PP: Casual DJ gives ID "VOGRAN, a voz de Resistencia do Galo Negro", into Paul McCartney, other lite mx, still there @2205 re-tune (344 10/31 George-MA)

South Africa: The BBCWS schedule for relays via Meyerton:

0300-0330	SH	11845	1700-1715	PP	6070, 7230, 9515
0430-0445	PP	6175, 9515, 11940	1700-1900	EE	15420
0530-0545	PP	6005, 9515, 15105	1745-1800	SH	7230
0700-0730	EE	17790			(Westenhaber-PQ)

CYPRUS Cyprus Bcst Corp BBC WS relay
 6180 0421 BBC: EE: Interview abt a Russian writer (232 10/2 Brown-IL)
 7125 2215 CBC: GK: IS; M ID; into radio play (423 10/17 Hankison-KS)
 [Love that guitar IS!]
 9660 1440 BBC: EE: "Off the Shelf" book reading; //9515 via Sackville;
 heavy OSB, but in past 1500; a surprise @ this time of day!
 (242 11/9 ed.)

FRENCH POLYNESIA RFO Tahiti
 11825 0624 RFO: TAHITIAN: Nice Island mx; W t1k @ 0640; poor signal
 (242 11/1 Thompson-CA)
 15170.0 0310 RFO: FF: Local Island mx w/FF DJ; back on assigned frequency
 (333 10/11 Babin-MA)

GUAM KSDA KTWR
 11980 1313 KSDA: EE/KK/JJ: Tuned in to weak sig & EE/KK ID's; xmtr off
 & back w/stronger sig; IS & JJ ID @ 1315; M t1k on Pacific
 travel & Narita airport (pr-gd 10/1 Famularo-JPN)
 15485 2105 KTWR: JJ: W ID; into rlg pop mx (243 10/24 Owsley-CA)

HONG KONG BBC relay was reported on: 7180 by Hart-MN; 11820 by Brown-IL; 15280 & 17830 by ed.--all in EE.

INDIA All India Radio
 7125 0058 AIR: SINDHI?: IS to 0100; W brief t1k w/ment "Akashvani" (but
 lang not Hindi); 1c1 mx; off 0105 to 0110, when back w/W t1k
 & filmi mx; Sindhi was listed here 0100-0200 in J92 AIR
 sked (243 11/12 ed.)
 9950 2134 AIR: EE: 2 M t1k abt trip to S. Africa; //7412, 11620; best
 in USB (weak 11/1 Wolfson-OH)
 11620 1930 AIR: EE: Cmty on trade between India & Uganda; mx (353 10/16
 Bagozzi-CA) (Also logged by Babin-MA, Blair-CA, Fraser-MA,
 Humenyk-ON, Robinson-TN, Wakefield-IA)
 11715 2158 AIR: EE: Regional mx; ID @ 2200 followed by nx (312 10/23
 Hankison-KS)
 15120 1455 AIR: EE: Nx; s/off 1500* (312 10/18 Hankison-KS)
 15250 0851 AIR: EE: M national nx dictation (pr-fr 10/16 Famularo-JPN)

INDONESIA Radio Republik Indonesia
 3266.4 1111 RRI GORONTALO: IN: M w/many ments Gorontalo in long t1ks w/
 brief inst mx segments (252 10/18 D'Angelo-PA) (t) @ 1247
 w/drama in progress; (t) ID @ 1300 but much static (343
 10/2 Robinson-UT)
 4719.3 2108 RRI UJUNG PANDANG: IN: 2 ads; EE pop song; M long t1k; @ 2122
 mx bridge; brief W t1k & pop song; @ 2128 W t1k again w/clear
 ment "Inilah R. Republik Indonesia..."; some SSB voice QRM
 + CW QRM after 2218 (232 11/7 ed.DX)
 4753.6 1142 RRI UJUNG PANDANG: IN: ong t1k by M that was cut off by W ID
 @ 1159:30; very brief SCI followed by W Jakarta nx (252
 10/24 D'Angelo-PA) @ 1159 w/SCI & Jakarta nx (333 10/5 Hart)
 4863.8 1136 RRI AMBON: IN: Nice pop mx px w/occ anmts; SCI followed by
 Jakarta nx @ 1200 (//4753 @ this point); back to mx @ 1215
 (353 10/24 D'Angelo-PA) (t) @ 1256 w/M IN t1k; Jakarta nx,
 which started later than on RRI Jakarta (322 10/24 Hart-MN)
 9525 1659 RRI JAKARTA: IN: IS; TP; brief nx; 1705* (333 10/9 Robinson-UT)
 15154.65 0445 RRI JAKARTA: IN: IS; into M ID w/ments Jakarta; then inst mx
 (333 10/30 Owsley-CA)

IRAN Voice of the Islamic Republic of Iran was logged on: 9022 in EE
 by Robinson-UT; 15084 in Farsi by Hankison-KS, Wakefield-IA; 15365 in Farsi
 by Hankison-KS.

IRAQ Republic of Iraq Radio Radio Iraq Int'l
 6560 0405 RIR: ???: M nx in country-item format; Baghdad's "swoony" nx
 theme; ID anmt w/ment Iraq--lang definitely not AA--maybe
 Kurdish? (343 11/7 ed.DX)
 15210 2130 RII: AA/EE: W AA t1k & chanting--some intermittent snippets
 in EE; EE ID @ 2200 & into Qur'an (222 10/23 Findlater-CA)
 15248.4 1419 RII: EE: Series of alternate M/W ID's mixed w/AA mx--some
 sort of test?; "scratchy" audio (fair 10/12 Famularo-JPN)

ISRAEL Kol Israel
 7465nf 2012 KI: EE: "Calling All Listeners" w/nx px times and nx of new
 px; clear channel--WJCR was only on 7490 (242 11/15 ed.)
 11603 2232 KI: EE: Nx of invitation for the Pope to visit Israel (433
 10/24 Biczak-NJ) @ 2230 w/rpt on aftermath of E1 Al 747
 crash in Amsterdam (454 10/5 Lukas-NY) [How's the cat?]
 11675 *2000 KI: EE: M nx...time/frq sked; into FF @ 2030; poor (222
 10/22 Findlater-CA)

ISRAEL continued...

15640 1800 KI: EE: Nx w/tlk abt Jordanian peace negotiations (333 10/18 Theobald-FL) @ 1800 w/"News Report at 8" w/rpts on Egyptian earthquake (343 10/13 Biczak-NJ) @ 1920 w/"Calling All Listeners"--don't forget they need IRC's (454 10/25 Fraser)

17545 1137 KI: FF: Nx ending w/Shabbat start/finish times & wx; inst fill mx; interview @ 1149; this is HS relay (242 10/16 ed.)

JAPAN

RCI relay Radio Japan

6150 *1430 RCI: RR: IS & ID; into RR px (444 10/16 Robinson-UT)

11815 2115 RJ: EE: M hosting "Friday Magazine" px (343 10/9 Owsley-CA)

11840 2000 RJ: JJ: Several M/W ancrs w/pop m px w/group participants (usual giggles) (333 10/11 Findlater-CA)

11925 2200 RJ: JJ: M nx...2300* (333 10/24 Findlater-CA)

17810 0140 RJ: EE: M px on Japanese education system (444 10/20 Owsley)

17825 0410 RJ: JJ: ID: M world nx w/ments Bush, etc.; //17765 (SIO 243) (444 10/30 Owsley-CA)

KOREA, D.P.R.

Radio Pyongyang Korean Central Bcst Stn

6560 1039 RP: JJ: Usual Stalinist choral mx; M tlk w/"Kochirawa Pyongyang"; s/off routine; 1049*; //7580 (242 11/8 ed.DX)

6576 1105 RP: EE: Nx & tlk abt Kim Jong-Il's plans for a reunified "Koryo"--hardly ment Kim Il-Sung today!; fluttery; //9977 (344), 11335 (343) (242 11/8 ed.DX)

9345 1038 RP: RR: Patented Stalinist choral mx; @ 1041 "Govorit Pyongyang"...1048*; //9325 (242) (343 10/7 ed.DX)

9640 2000 RP: EE: Nx--Presidents of Cuba & Surinam congratulate the Great Leader on 47th anniv. of Workers' Party of Korea (333 10/9 Findlater-CA) [Hold the presses!] @ 1721 w/tlk "Generation After Generation, Socialism Goes On" (444 10/11 Owsley-CA) [Haven't hrd of the generation gap, I guess!]

11335 2215 RP: KK: W l-o-n-g tlk in usual declamatory "Stalinist" style; fluttery; //11700 was very slightly weaker (343 11/7 ed.DX)

11680 0000 KCBS: KK: Pumped-up M w/long strident speech (222 11/3 Findlater-CA)

11700 2337 RP: EE: "From Our Listeners Mailbag" w/Juche-inspired mail from USA & Germany...2347*; //13650 (242) (343 11/7 ed.DX)

15180 0445 RP: EE: W operatic march mx; into cmty (333 10/30 Owsley-CA)

KOREA, REPUBLIC OF

Radio Korea was logged in EE on: 5975 by Blair-CA; 11810 & 11945 by Findlater-CA; 15575 by Bellovich-FL, Humenyk-ON, Theobald-FL.

KUWAIT

Radio Kuwait

13620 1813 RK: EE: Tlk abt School Network Broadcast Section (322 10/12 Theobald-FL) @ 2040 w/light mx; ID (233 10/18 Babin-MA)

21675 1344 RK: AA: M/W ancrs, interrupted repeatedly by mx bits & dramatic speech (433 10/11 Hankison-KS)

LEBANON

King of Hope Wings of Hope

6280 2044 KOH: EE: Scripture reading (333 10/18 Babin-MA) (p) @ 0110 w/Dr. Gene Scott px; no ID, but I believe that they run this during lcl overnights (242 11/7 ed.DX)

11530 2019 WOH: EE: M preaching abt Israel (253 10/27 Humenyk-ON)

MALAYSIA

Voice of Malaysia Radio Television Malaysia

6100 *1300 VOM: THAI: IS; s/on routine; W tlk & mx; mixing w/co-channel Xijiang PBS (422/433 10/16 Famularo-JPN)

7199.9 0905 RTM SARAWAK: ??: Long M tlk (speech?) past 0935 tune-out; either special px or frq re-allotment as was //4970 (pr-fr) which is sked as a different network (fair 10/30 Famularo)

MARIANA ISLANDS

KFB5

11650 1350 KFB5: RR: Inspirational mx; M tlk; also hrd //11665 (433 10/4 Hankison-KS)

15380 1035 KFB5: JAVANESE/IN: Nice gamelan-style mx + singgiing; long W tlk; into IN @ 1100 (fr-gd 10/23 Famularo-JPN)

MONGOLIA

Radio Ulan Bator

4897 1354 RUB: MONGOLIAN: HS w/M tlk & light mx; @ 1400 TP; W partial ID & tlk; heavy QRM 1400+; found //4080 (fr w/ute QRM) @ 1405 (fr-pr 10/25 Famularo-JPN)

MYANMAR

Voice of Myanmar

4725 1313 VOM: BAMAR?: Usual up-tempo subcontinental mx; W ancr & more mx; interrupted by Skyking msg @ 1330 (343 10/21 Thompson)

NEW ZEALAND

Radio New Zealand International

9510 1510 RNZI: EE: Good px of pop mx; ad for lcl FM station (then over 10/31 Blair-CA) @ 1218 w/DJ chat de studio in NZ; then over to Buluwayo for Zimbabwe v. NZ cricket match (344 10/31 ed.)

NEW ZEALAND continued...

- 9700 1045 RNZI: EE: Px notes; NZ & Cook Islands mx; @ 1100 BBC WS nx (333 10/28 Brown-IL) @ 1005 w/National R. px "Encore" w/folk songs from Newfoundland(444 11/15 ed.) [No--NOT "Take Back Your Cod"-hi!]
- 15120 2120 RNZI: EE: Interview w/NZ actor; bilingual Maori-EE song; @ 2130 sports; @ 2136 ID/QSY to 17770 (gd 10/28 Famularo-JPN)
- 17770 0230 RNZI: EE: Classical mx px (333 10/19 Brown-IL) @ 0305 w/world nx incl US elections (444 10/20 Owsley-CA)

PAKISTANRadio Pakistan

- 4790 1602 RP: EE: South Asian regional nx; ID; cmt; into Urdu @ 1614; nice, strong signal (good 10/31 Famularo-JPN)
- 11570 1723 RP: EE: Tlk on international relations (242 10/14 Lukas-NY)

PAPUA NEW GUINEA

- 3205 1215 (t)R. WEST SEPIK: PD?: "Sing-song" mx w/M ancr; signal very weak (111 10/2 Hankison-KS)
- 3325 1154 (t)R. NORTH SOLOMONS: PD: Island mx; PD tlc (322 10/24 Hart)
- 3315 1215 (t)R. MANUS: EE: EE pop mx; M tlc seemed in EE; bad QRN; no ID hrd (222 10/2 Hart-MN) [I know it's out of order.]
- 3345 1157 (t)R. NORTHERN: PD?: Island mx; W tlc @ 1200--not EE, seemed PD; QRN (22 10/24 Hart-MN)
- 3385 1220 (t)R. EAST NEW BRITAIN: PD: Singing & chanting in Island style; very weak! (222 10/2 Hart-MN) @ 1103 w/IS; W nx; M songs (253 10/3 Humenyk-ON)
- 4890 1121 (t)R. PORT MORESBY: EE: Pop songs in EE w/W host; @ 1137 thought I hrd a "...minutes until 10" TC; QRN & ute QRM--then ruined @ 1145 by WCHP slop kicking up (222 11/8 ed.DX) [That's the rig stn on 760 in Champlain NY--abt 5 miles away.]

PHILIPPINESVOA relay Far East Bcst Corp

- 9760 1430 VOA: EE: Discussion abt jazz w/mx; ID; "VOA Editorial" on Sendero Luminoso (333 10/24 Brown-IL) @ 1155 w/"Music USA: Standards"; nx @ 1200; close to armchair copy (344 10/26 ed.)
- 11965 1256 VOA: CC: Mx bridge; M/W tlc; //12040, 15410 (232 10/4 Humenyk-ON)
- 11995 1515 FEBC: EE: ID; into rlg px (333 10/27 Millard-TX)
- 12020 0800 FEBC: CC: W rlg tlc; rlg vocals & hymns (222 11/3 Findlater)
- 15450 2358 FEBC: EE: IS; ID w/info abt upcoming px; then into px (222 10/10 Thornton-NJ)
- 17735 0000 VOA: EE: Live coverage of Bush-Clinton-Perot debate (333 10/19 Findlater-CA)

SAUDI ARABIABcst Service of the Kingdom of Saudi Arabia

- 9870 1746 BSKSA: AA: AA vcis--including a really nifty one in almost bossa nova style; @ 1800 M ID; march mx fanfare & nx (243 10/23 ed.) (p) @ 1750 w/M nx--many ments Pakistan, Medina, Riyadh; no // hrd (433 11/5 Wakefield-IA)

SINGAPORESingapore Bcst Corp BBC relay

- 5010 1343 SBC: EE: Pop mx px; no ID hrd but was //5052 (242 10/19 Robinson-UT) [Thanks for the card, eh.]
- 5052 1332 SBC: EE: "Night Flight" px of old rock & roll; ID @ 1400 (434 10/10 Robinson-UT)
- 9740 1430 BBC: EE: Interview w/former Red Guard; word study on origins & uses of "awesome"; ID@ 1445 & nx in slow EE (343 11/6 Wakefield-IA) [An awesome mix of programming.]
- 11955 1808 BBC: EE: "Newsdesk"; @ 1830 "Focus on Faith" (333 10/29 Blair-CA) [Beamed 135° w/250 kW.]

SOLOMON ISLANDSSolomon Islands Bcst Corp

- 5020 1126 SIBC: EE: Traces of audio with what seemed to be s/off routine (153 10/3 Humenyk-ON)

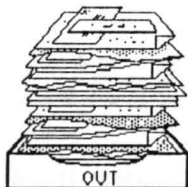
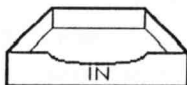
SRI LANKADW relay VOA relay Sri Lanka Bcst Corp

- 6170 1600 DW: EE: W ID & anmts; into "Newsline Cologne"; site via PWNR '93 (232 10/26 Blair-CA)
- 9645 1653 VOA: EE: M tlc on differences between the Presidential candidates (333 10/30 Owsley-CA)
- 9720 1225 SLBC: EE: Open carrier noted until TP @ 1230, followed by W ID; then Abba's "Dancing Queen" (353 10/17 D'Angelo-PA)
- 11705 0205 VOA: EE: News; ID (313 10/18 Hankison-KS)
- 15395 1520 VOA: EE: Tlc abt lab evaluation of paint in criminal cases and other analyses (333 10/4 Hankison-KS)

[It's interesting to see so many reports of those VOA 35 kW xmtrs; maybe there'll be more as the season progresses. The SLBC on 9720 is supposed to use 100 kW, but it won't be any easier to log, I shouldn't think.]

QSL REPORT

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AFRICA

Algeria RTV Algerienne: 17745 f/d cd 157 ds \$1 rpt EE (Robinson, Ut.); **RTV Algerienne:** 17745 f/d cd (carpentry design) 43 ds \$1 rpt FF (Owsley, Ca.)
Ascension Island VOA: 11695 p/d cd (Bethany relay cd) 102 ds (via Washington) rpt EE (Hankison, Ks.)
Namibia NBC: 3290 f/d cd (desert scene, sked, ltr) 40 ds rpt EE v/s P. Schachtschneider (Bagozzi, Ca.)
Senegal ORTS: 4890 p/d cd (globe/tower) 23 ds \$2 tape rpt FF (Washburn, Me.)
South Africa RSA: 9695 f/d cd (Johannesburg) 57 ds rpt EE (Brown, Il.)
Tanzania R Tanzania: 9685 f/d cd (map) 263 ds rpt EE (Bagozzi, Ca.)
Togo R Togolaise: 5047 f/d cd (map/logo) 37 ds rpt FF (Humenyk, Ont.)

ASIA/OCEANIA

Australia ABC: 6140 p/d cd (map, sticker, sked) 15 ds 3 IRCs rpt EE v/s Keith Gerrans (Robinson, Ut.)
China R Beijing: 9690, 9770, 11715 f/d cd (velvet ornament, note, paper cut book marks) 39 ds rpt EE (Levison, Pa.); **RB:** 9770 f/d cd (coconut hair ornament) 41 ds rpt EE (Levison, Pa.); **RB:** 9770 f/d cd (Peihai Park pix, sked, stickers) 35 ds rpt EE (Biczak, N.J.); **RB:** 11715 p/d cd (velvet tiger, sticker, pamphlet) 16 ds rpt EE (Pasquale, Pa.); **RB:** 9665 p/d cd (silk figurine, sticker, paper cut) 300 ds rpt EE (Meinhardt, Il.)
Indonesia RRI Dili: 3305 n/d cd 2 f/up ms rpt Indonesian !!! v/s Harry.A. Silalahi (Hardester, Ok.) (address: RRI Stasium Regional I Dili, Jln. Kalkoti, P.O. Box 103, Dili 88000, Timor-Timur, Indonesia)
Korea, Republic of R Korea: 15575 p/d cd (hourglass drum dance, forms, sked, mx) 35 ds rpt EE (Bishop, N.Y.)
Papua New Guinea R Southern Highlands: 3275 p/d ltr (2 pp personal ltr) 31 ds !! \$1 rp rpt EE v/s Andrew Meles (Hankison, Ks.)
Sri Lanka Deutsche Welle: 15105 n/d cd (tx sites in Germany) 35 ds rpt EE (Hankison, Ks.)

COMMONWEALTH OF INDEPENDENT STATES

Russia R Aum Shinrikyo: 12010 p/d cd (Holiness Shoko Asahara pix) 10 ds (via Japan) \$1 rp rpt EE (Hankison, Ks.); **R Moscow:** 15485 f/d cd (Cosmos Hotel pix, ltr, sked) 41 ds rpt EE (Biczak, N.J.); **R Aum Shinrikyo:** 15425 f/d cd (His Holiness Shoko Asahara, ltr, booklet) 14 ds \$1 rpt EE (Robinson, Ut.)

EUROPE

Bulgaria R Sofia: 11825 f/d cd (Rila Monestery, sked, stickers) 77 ds rpt EE (Levison, Pa.)
Czechoslovakia R Prague: 11990 f/d cd (lynx pix, sked) rpt EE (Biczak, N.J.)
Germany Bayerischer Rundfunk: 6085 cd (clouds w/logo) 32 ds rpt EE/GG (Humenyk, Ont.)
Greece VOA: 15305 f/d cd (Bethany cd, sked) 105 ds rpt EE (Millard, Tx.)
Hungary R Budapest: 9835 f/d cd (men and women in native costume) 51 ds \$1 rpt EE (Owsley, Ca.)
Italy Stazione R Costiera: 12975 p/d ltr (ppc) ms (Hardester, N.C.) (address: Stazione Radio Costiera P.T. - I Q X, 34100 Trieste, Direzione: Via Bellavista 4, Italy)
Monaco TWR: 6230 f/d cd (world map centered on Europe) 17 ds 3 IRCs rpt EE v/s Jeanne Olson (Hankison, Ks.)
Norway R Norway Intl: 11795 f/d cd (#20- ornamental clock) 59 ds rpt EE (Brown, Il.); **RNI:** 11795 f/d cd (glass sculpture, sked, sticker) 29 ds rpt EE (Biczak, N.J.); **RNI:** 9565 p/d cd (antique drinking vessels, sticker) 17 ds rpt EE v/s Kristan Salanr (Pasquale, Pa.)
Sweden R Sweden: 17870 f/d cd (flag w/wildflowers) 51 ds (Washburn, Me.)

UK R Canada Intl: 7295 p/d cd (World DX Friendship Year-1973, stickers, pennant) 15 ds rpt EE v/s Bill Westenhaver (Hankison, Ks.); **VOA:** 15205 p/d cd (Bethany relay cd) 390 ds (1 f/up, via Washington) rpt EE (Hankison, Ks.)

WESTERN HEMISPHERE

Alaska KNLS: 7365 f/d cd (stn/antenna, sticker, goodies) 47 ds rpt EE (Owsley, Ca.)

Argentina R Difusion Argentina al Exterior: 11710 f/d cd (logo, ltr, sked, forms) 223 ds rpt EE v/s Marcela G.R. Campos (Bishop, N.Y.)

Brazil R Nacional de Amazonas: 11780 f/d ltr (sticker) 128 ds \$2 rpt PP 11 v/s Geraldo da Lima (Owsley, Ca.)

Canada CFRX: 6070 f/d cd (map w/logo, ODXA application) 15 ds rpt EE v/s Stephen Canney (Biczak, N.J.); **RCI:** 5960 f/d cd (XV Winter Olympic Games- Hockey Team) 15 ds rpt EE v/s Bill Westenhaver (Biczak, N.J.); **RCI (via CFN):** 13650 f/d cd (XV Olympic Games, ANARC info, stickers) 43 ds v/s Bill Westenhaver (Humenyk, Ont.)

Costa Rica AWR: 9725 f/d cd (logo, calendar, sticker) 312 ds (1 f/up) \$1 rpt EE (Hardester, N.C.)

Ecuador HCJB: 9745 f/d cd (Chimborazo 1989-F) 31 ds rp rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (child at Rumicucho 1992-A) 51 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (child from Otataleño 1992-B) 51 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (child from Calderon 1992-C) 46 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (child from Quichua 1992-D) 46 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd 9T-6 hardware 1991-A) 74 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (Plaza de la Independencia 1988-A) 69 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (Ruco Pichincha 1990-D) 31 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (hydro plant 1991-D) 74 ds ms rpt EE (Brown, Il.); **HCJB:** 9745 f/d cd (Pacs 1991-C) 69 ds ms rpt EE (Brown, Il.); **HCJB:** 11730 f/d cd (indian girl, sked) 45 ds rp rpt SS v/s Glenn Volkhardt (Meinhardt, Il.)

Guatemala R Buenas Nuevas: 4800 p/d cd (logo, ltr, pennant) 26 ds \$1 rpt SS (Robinson, Ut.)

Guinea R Japan: 15325 f/d cd (Seto Ohashi Bridge/cheery blossoms, time converter) v/s K. Hishikawa (Hardester, N.C.)

Mexico R Educacion: 6185 ltr 219 ds \$1 rpt SS (Pagano, D.C.)

US VOA: 11695 p/d cd (Bethany relay cd) 99 ds (via Washington) rpt EE (Hankison, Ks.); **KTBN:** 7510 f/d cd (antenna towers) 43 ds (Washburn, Me.); **WJCR:** p/d cd (logo, ltr, sked) 25 ds rpt EE v/s Gerri Powell (Meinhardt, Il.); **VOA:** 5995, 11580 f/d cd (White House, Washington Monument) 28 ds rpt EE (Humenyk, Ont.); **VOA:** 17800 f/d cd (Jefferson Memorial) 39 ds rpt EE (Humenyk, Ont.); **KVOH:** 9785 f/d cd (map, sked, sticker) 29 ds rpt EE v/s Patrick C. Kowalick (Humenyk, Ont.); **KTBN:** 15590 f/d cd (logo/antenna, book) 93 ds rp rpt EE (Bishop, N.Y.); **WHRI:** 13760 f/d cd (logo, forms) 87 ds rp rpt EE v/s Loren Holycross (Bishop, N.Y.); **WRNO:** 15420 f/d cd (DX club member/map, ltr, sked, stickers) 556 ds 111 rp rpt EE v/s Joe Costello, Joe Pollet, Jack Bruce (Bishop, N.Y.)

CLANDESTINE

Eritrea V of the Broad Masses of Eritrea: 7380 f/d cd (logo) 30 ds \$1 rpt EE v/s Mehreteab Tesfa Giorgis (Fisher, Ma.) (address: P.O. Box 2571 Addis Ababa, Ethiopia)

Kampuchea V of the National Army of Democratic Kampuchea: 5408 n/d ltr several f/up v/s Phobel Cheng (Hardester, N.C.) (address: Phobel Cheng, First Secretary, Permanent Mission of Cambodia to the United Nations, 820 Second Ave., Suite 1500, New York, New York 10017)

UTES

US WNSX-589: 1620 Virginia Beach Travelers Radio f/d ltr v/s Buddy Wheeler (Hardester, N.C.) (address: City of Virginia Beach, Dept. of Convention and Visitor Development, P.O. Box 200, Virginia Beach, Va. 23458)

A short column again this month. It was nice to hear from a couple of old regulars who hadn't contributed in awhile. It sounds like Mike Hardester needs a mongoose. He had a visiting copperhead recently. How many of you heard St. Helena? I managed to hear both hours, although, the second hour was QRMed real good by an RTTY station. I sent off a reception report and some local goodies. Hopefully, I'll have a nice card (and t-shirt and map) to show for my efforts soon. I've been on vacation this week and have spent quite a few hours tweaking the dials. I've been in hog heaven. Until next month.....



SPEEDX's

UTILITY WORLD

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

Well, here we are back from the campaign trail! Sorry for the three month hiatus in the column, but when the phone call comes asking you to 'volunteer' for the campaign it is hard to decline!

Things have been exceedingly busy on the HF bands, if the mail flow is any indication. Thanks for sending all your loggings and ute news during the period of the column's absence. I currently have a 2 inch high stack of logging sheets to get through as well as a massive amount of ute news to get through as well. I will try to use as much of it as I can. I've decided that some of the longer stuff would be better handled through regular postal service routes. In other words, I'll be offering several frequency lists and such later on in the column.

UTILITY NEWS FROM VOA

Your humble editor recently attended the VOA 50th Anniversary International Broadcasters Conference in Washington, DC. Much of the discussion at the conference dealt with the future of international broadcasting and how the broadcasters could increase their listenership around the world, but particularly in regions where other media (ie. television, FM radio, computers) have cut into the shortwave listenership.

To make the story short, the discussion evolved into a discussion of digital communications and how direct broadcasting by satellite (DBS) could be used to entice a new generation of radio listeners back to the world services.

Someone then mentioned that Swiss Radio International had started up an innovative new service, the RTTY Service. Mr. Roy Oppenheim, Director of SRI, then stood up and spoke of SRI's experiences with

the service. He said that the majority of listeners requesting QSLs from them were from either Europe or North America. He also said that the service was considerably cheaper to run than their traditional voice services.

Later I asked Mr. Oppenheim what the future of the SRI RTTY Service looks like. He answered that, "it is still in the experimental stage. We are still soliciting comments from listeners to determine where the service will go."

He also said that the reaction to the inclusion of an English language segment on the service has been very positive. "It is still up to our listeners to determine which way our RTTY Service will go," said Oppenheim.

When I asked him about the reasoning of transmitting a German language segment on the North American beam he said, "I don't really know, but it is important for our listeners in all parts of the world to express their feelings on whether our programming suits their particular needs or not."

As for the volume of QSL requests to the service, Mr. Oppenheim said that SRI gets between 30 and 50 requests a week from around the world. Most of these requests come from Europe, North America, and Asia.

So where does all this leave the future of shortwave, particularly shortwave utilities? I am a bit of an optimist on the subject. Many of the world service representatives at the VOA meeting seemed stunned that a small transmission like SRI's RTTY Service could attract such a listenership.

I believe (and hope) that we may see a change in attitudes of international broadcasters in regards to specialist services like RTTY and FAX services. With the lowering in price of quality decoding devices it would seem that these type of transmissions could very well transform a whole generation of computer enthusiasts into a generation of

radio enthusiasts as well.

If the discussions in Washington are any indication, the professionals are beginning to see the wisdom of this argument. In the end, though, it will be the community of utility monitors around the world who will ultimately decide the future of 'broadcast utility stations' and other innovative types of transmissions.

I would encourage all SPEEDX readers to contact not only the SRI RTTY Service, but other international broadcasters as well to ask for these types of services. Shortwave radio isn't a field of dreams (ie. Build it, they will come.), but rather a mercenary enterprise. We must let the services know that there IS a demand 'out here' for the types of utility broadcast services they could provide.

Perhaps international broadcasters are beginning to see that they were a bit premature in getting rid of their RTTY broadcasts to various regions of the world. We would certainly welcome VOA/USIA and TASS back as RTTY news services.

[I don't usually interject my own personal opinions overtly in this column, but based upon my discussions at the VOA I think that international broadcasters would appreciate any feedback on this subject from SPEEDX readers and ute monitors.]

BEACON AT 4U1UN

Gerard M. Foley

It may interest SWLs that nine amateur beacons are operated on CW ("Morse code") at 14100kHz at various places around the world.

At the zeroth, 10th, 20th and so on minute after the hour 4U1UN at the United Nations in New York City transmits "QST DE 4U1UN/BEACON" at 100 watts power, followed by a single dot and a very long dash at this power level.

The power is then reduced to 10watts and two dots and another long dash transmitted, then power is set to 1 watt and three dots and a long dash are sent. Power is again reduced to 0.1 watt and four dots and the long dash sent. Finally the power is put back at 100 watts and "SK DE 4U1UN" transmitted.

At 1, 11, 21, 31, 41 and 51 minutes after the hour W6WX sends the same sequence of signals. 2, 12, 22... is the time for KH6O in Hawaii, 3,13,23 and so on for JA2IGY in Japan. At 4, 14, 24 and so on minutes 4X6TU in Israel is followed by OH2B in Finland at 5, 15 ..., CT3B in Madeira at 6, 16, 26... minutes,

ZS6DN in South Africa at 7, 17,27... minutes and LU4BA in Argentina at 8, 18, 28... minutes after the hour. The tenth minute of each ten is not yet occupied.

These are amateur stations, and their operation may be interrupted at times because of equipment failure or other problems.

If anyone has heard 4U1UN since Friday, October 23, 1992, or if anyone knows that the station has been inoperative since that time, please contact us here at Ute World Central.

NEW NAT-F FREQ GROUP

Tom McKee of Cary, North Carolina, writes in with some interesting new info about a new NAT-F aeronautical frequency group which will come into effect during January 1993. I'll let Tom take it from there.

"A new NAT-F frequency group for Gander and Shanwick is planned for implementation in January 1993. In order to implement this additional group some NAT-A and NAT-E frequency shifts are also required. Here are the new lineups:

NAT-A	NAT-E	NAT-F
3016	2962	3476
5598	6628	6622
8906	8825	8831
(none)	11309	11336 (tentative)
13306	13354	(none)
17946	(none)	(none)

In the Caribbean the CAR-B group has been formalized with some of the frequencies coming from the old CAR-A group. The two new Caribbean groups are:

CAR-A	CAR-B
2887	3455
5550	5520
6577	6586
8918	8846
11396	11387
13297	(none)
17907	17907

Thanks for that info, Tom. Tom is currently doing research for a new shortwave frequency guidebook and he ran across the above info in the course of his research. Let us know when the book is finished, eh, Tom?

INTERPOL NET FREQS

Reid Kelley, via the Shortwave Echo BBS, has kindly provided us a current listing of Interpol HF frequencies. Here they are:

Description Station	Frequency	Mode
0. FSB 52	3.593	RTTY
1. FSB	3.714	RTTY
2. FSB	3.717	RTTY
3. FSB 53	4.632	RTTY
4. FSB 53	4.6325	RTTY
5. FSB	5.208	RTTY
6. DEB	5.2085	RTTY
7. FSB 54	6.792	RTTY
8. FSB	6.905	RTTY
9. FSB 55	7.532	RTTY
10. FSB	8.045	RTTY
11. IPR 24	8.1715	RTTY
12. FSB 71	10.295	RTTY
13. FSB 57	10.390	RTTY
14. FSB	12.2245	RTTY
15. HKG	14.6075	RTTY
16. FSB	15.684	RTTY
21. AYA/FSB 63	19.405	RTTY

In addition to the INTERPOL frequencies on the preceding page, you might check out 18755.8kHz, callsign JAP24.

READING REIDLING

Robert Hall, RSA

People reading through RTTY type logs may often come across the word 'idling' and perhaps wonder whether someone has fallen asleep and is not actually on the job! Actually, the term has a sound technical significance. Take a look at the following which I have just logged:

19204.9kHz 1307UTC MRT (Martinique) RFLI (callsign)
ARQ-E3 (mode) 192/418 (speed/shift) 9/92 (date)
FF (French Forces) Fort de France-IDLING.

In the brackets I have explained the log symbols but what is the meaning at the end 'idling'? Quite simply, it means that I have tuned into a fairly strong signal that shows up all of the other characteristics of the signal mentioned above, but either nothing has appeared on the video display or printer. Sometimes I do get characters on the screen, but they look like garbage.

I know from previous loggings, and sometimes from the Klengenfuss or CFL reference books, precisely what should appear on this frequency. Once the communications terminal confirms the correct tuning of speed and shift, it is quite possible that I am in fact receiving a transmission carrier from RFLI, the French Navy station on Martinique Island. I recognize the audio and other details but nothing comes up on the display, so it is

logged as 'idling'.

Now this may sound boring and a waste of time but to RTTY buffs it has an important meaning in that this RFLI frequency is still active and that it can be received at my location. It also shows that the French were anxious to keep that frequency to themselves by transmitting a carrier signal, thus blocking the frequency from being used by others.

Many French Military and Naval stations around the world use the ARQ-E, ARQ-E3, and ARQ-M2 transmission modes on RTTY. These stations are connected into 'circuits' which are kept free from interference by the use of 'idling' transmissions. When not idling one can often see traffic in French and in code. Most highly sensitive information does not pass in the open on these circuits, rather is transmitted via satellite or encrypted HF.

Thanks for that article, Robert. I'd like to expand on the subject just a little. How should a utility monitor report such an idling signal? Well, each editor and book author has their own system for doing this, but for my part I would log an idling signal as definitely tentative at best. You may think you know the station by past experience or from books, but unless you absolutely SEE THE CALLSIGN or traffic which would let you know the originating source (most notably the 'sender code' at the beginning of a traffic transmission) I would not assume that you have 'logged' that station.

The French Forces network, which is worldwide, is difficult to actually identify individual stations. Since many of the messages you may read actually may be relayed through several stations on HF before actually arriving at their final destination, the only really reliable way to determine where a particular TRANSMISSION is coming from is to look at the Circuit Identifier Code (C/I) at the beginning of the message. An example might be:

```
ZCZCLIH083
DE RFLI
ZNR 2818
CONTROLE DE VOIE
ZZZZ
```

The underlined portion of the first line would be the circuit identifier code for the transmitting station. 'LIH' is the C/I for the

French Forces station at Fort de France, Martinique which is transmitting to the French Forces station in Papeete, Tahiti. How do I know? The best reference work on this subject is the RTTY Listener book, published by Universal Shortwave. This book also has several listings of FF station call signs as well (as RFLI is in this case).

As it turns out in my example, we can tell that the Controle de Voie message originated on Martinique rather than somewhere else since both the call sign RFLI and the C/I 'LIH' are both independently referenced as being Fort de France.

What is the Utility World stance on the logging of idling stations? Frankly, I'd prefer actual traffic to identify the station rather than a secondary source like a reference book. Most of us don't have either the experience or memory to accurately determine a station otherwise. (By the way, Robert is an exception—he spends much more time at the radio than the average ute monitor.)

In conclusion, I will almost always pick loggings for our frequency list which have actually logged activity. I am more than likely to pass the 'idling' loggings by on my way to more concrete information. This should not deter you from reporting an idling log, rather it should encourage you to write the info on the station down and put it on your 'hit list'. Try to get actual traffic again next session. You won't find it easy going by this method, but you will KNOW what you have heard rather than just assumed. Just to thoroughly frustrate you, there will be a small percentage of stations which, for various reasons, from which you will never get actual traffic. Send THOSE to us here at Ute World and we'll see if anyone else has managed to solve the problem!

UTILITY NEWS

We have a few interesting questions and reports this month from you folks, so here we go.

One of our readers from Britain has finally managed to receive a QSL and address for the utility station "UVA". The station is **Gelendzhik Radio**. The official address for correspondence is:

Station "UVA"
P.O. Box 44 Gelendzhik 353470
Russian Republic

According to my atlas, Gelendzhik (44°33N

LAT; 38°04E LONG) is somewhere along the Black Sea coast near the town of Novorossiysk. The chief of the station is Vladimir Svetajlo, Chief of Maritime Radio.

David Ross of Ontario, Canada reports that he has noticed a reduction of the quantity of RTTY activity on this side of the pond. Has anyone else experienced this? David also lets us know that the USAF Military Airlift Command (MAC) designator has changed to "REACH" several months ago. Thanks for the update, David.

Geoff Halligey of Wales, UK reports that Ostend Radio on 23692kHz (USB) seems to be copying Portishead Radio in that it's now setting up non-maritime band frequencies. Geoff states, "he doesn't seem to work aircraft all the time. Does a lot of phone patching into Europe and calls a lot of 'Yxxx' call signs, which I don't understand."

Geoff also says that there has been some call sign reallocation as well.

LYO-LYZ is now allocated to Lithuania
YLA-YLZ is now allocated to Latvia
9AA-9AZ is now allocated to Croatia

It appears, according to Geoff, that the French Naval station FUG at La Regine seems to have abandoned all CW and now sends streams of encrypted RTTY on all the old station frequencies. The station is currently sending 75 baud/1000 shift RTTY. [That extremely wide shift reminds me of some of the ex-Soviet stuff, Geoff.] If you wish to check this out, the frequencies for FUG are: 4313; 6352; 8666; 9100; 12875; 14723.5; 30270; and 20338.2kHz. Geoff reminds us that he isn't certain that all of these frequencies are currently used by FUG, just that they are old-FUG frequencies.

NEW PRODUCTS

There are several products which have come out within the last few months I think you all may be interested in, especially in this Holiday Season (when you are sitting on the lap of the DX-Santa!).

First this month is the new **NIR-10 Noise/Interference Reduction Unit** by JPS Communications, Inc. of Raleigh, North Carolina. This little 2"x6"x6" black box (literally) is a truly unique product. While I was in Washington earlier this month I stopped by EEB in Vienna, Virginia and worked with it for a while. The unit uses advanced Digital Signal Processing (DSP) to recognize and improve the signal-to-noise

ratio of any incoming signal.

The box has three different settings which can be selected from the front of the box. The NIR mode which enhances weak and noisy voice signals (AM and SSB), the BP (Band Pass) mode which is designed to let the NIR-10 work as a digital audio filter with variable bandwidths. The final mode is the Bypass mode in which the audio signal is channeled directly through to the external speaker from the receiver.

Does it work? YES! I tested it in both NIR and BP modes and the improvement in sound quality and clarity was astounding! In BP mode I selected a SITOR-A station which was almost unreadable due to other SITOR stations transmitting on the same frequency. The NIR-10 allowed me to actually separate the three different stations on the same frequency! Virtually all background noise fell away and I was able to get perfect copy from that station. The results were just as dramatic for USB voice signals as well.

The NIR-10 can be ordered either from EEB or directly from JPS Communications, Inc., P.O. Box 97757, Raleigh, NC 27624-7757. It costs US\$345.00 and an additional \$12.00 for the optional AC adapter. Shipping is included in the price.

A new book by SPEEDX member Robert Coburn is the Aeronautical Frequency Directory. This book covers all aero activity from HF-800MHZ and seems to be quite complete. The vast majority of the book deals with UHF/VHF aerocomms, and as such is beyond the bounds of this column. However, it does provide coverage of many of the HF stations and functions of HF communications.

The book primarily covers the United States aeronautical system, but what it lacks in overall worldwide coverage it makes up for in detail of the U.S. system. I think Coburn has opted for the best route, doing a thorough job of compilation and explanation of a limited area rather than trying to cover every aeronautical system and frequency worldwide.

If you liked the first edition of this classic reference work for HF and scanner buffs, then you will not be disappointed in this updated and improved edition. As I stated with Coburn's earlier book Maritime Frequency Directory, this book is well worth the US\$24.95 + \$3.05 shipping. However, if your sole pursuit is shortwave aerocomms,

the price may be a bit steep. However, if you are into the upper frequency ranges in your monitoring, this book will be your bible.

Some of you may have been waiting all these long months for my final review of the HOKA Code3 radioteletype decoder from Holland. I'm afraid that I must disappoint one more month, since over the period of the campaign I haven't had much radio time to do the detailed review I had hoped. I will do the review soon, though.

In the meantime there is some good news on the Code3 front. J and J Enterprises of Bossier City, Louisiana has been named as the North American distributor for the Code3. John Shidler, owner of J and J, is a long-time ute monitor and is now a new member of SPEEDX. Welcome, John.

If you would like to get in touch with John, he is on Compuserve at 71072,1756. You may also write him at J and J Enterprises, 4001 Parkway Drive, Bossier City, LA 71112. The order desk (381-631-3081) is open 10am-5pm Central Time. After 5pm it magically converts to a computer BBS. You can also fax John at 318-631-3082. HOKA NAM has recently also established a support line which can be used after 5pm at 318-747-6456.

SPECIAL OFFER!!!

As a reward for those of you who stuck by us during our 'sabbatical' during the campaign, we have the following available for Ute World readers. Please send a stamped, self-addressed envelope to us here in Statesboro for your copy. Here is the freebie lineup:

- David Ross' CFARS Station List (still available)
- The Master List of Worldwide Facsimile Stations
- SW Echo BBS HF Utility List (Summer 1992)
- Worldwide listing of 10 Meter Beacons

Next month we will have a discussion on several of the most advanced RTTY modes encountered on HF today. (Piccolo, Coquelet, HC-ARQ, and a few surprises!) Also more loggings and PERHAPS a review of the Code3 decoder.

Now on to the loggings. Unfortunately, we have limited space for them this month, even with the extra pages. I'll go heavy on them next month, so keep on sending them in!

DECEMBER UTILITY WORLD LOGGINGS

<i>Frequency</i>	<i>Mode</i>	<i>UTC</i>	<i>Callsign</i>	<i>Station/Remarks/Contributor</i>
4570.2	RTTY	0300	HZN46	Jeddah, SAUDI/coded wx 96/801/Hall-RSA
4601.0	SSB	0150	7V5A	US CAP Rocky Mt./wkng Red River CAPNet/Dome-TX
4787.5	RTTY	0046	6VY25	AFTN Dakar, SEN/marker 50/385/Ross-ONT
5737.9	RTTY	0548	9GC	Accra, GHANA/Rys and ID/Alexander-PA
6462.0	CW	0631	FUM	Papeete, TAHITI/FF Navy marker/Lukas-NY
6485.0	CW	2002	UAH	Talinn, ESTONIA/marker/Conway-UK
6683.0	SSB	1855		Executive 1 Foxtrot/wkng Andrews (Timberwolf plans)/Koch-ILL
6972.0	RTTY	1845	YOG59	MFA Bucharest, ROM/50/400 ROMPRESS tfc/Conway-UK
7653.7	RTTY	0941	HBD63	MFA London (Swiss Emb)/SITOR-A wkng HBD20/Conway-UK
7653.7	RTTY	0950	HBD20	MFA Berne, SWITZ/wkng HBD63 (London)/Conway-UK
7900.69	RTTY	1017	GOVHF	LKD Bonn, GER/ARQ-E VFT 72/85/Conway-UK
8034.64	RTTY	1825		UNID/VFT 50/B/Chnl 1 AP EE News/Alexander-PA
8155.9	RTTY	0045	MKD	RN Akrotiri, CYP/VFT 50/B/Chnl 1 RYs/Alexander-PA
8176.0	SSB	1143	VIP	Perth, AUS/ID and 'clear'/McKee-NC
8433.0	CW	0040	JCS	Chosi, JAP/marker and ID/Thompson-CA
8474.0	CW	0400	JYO	Accaba, JORD/marker/George-MA
8457.0	CW	1050	PKP	Dumal, INDO/marker/George-MA
8470.0	CW	2328	XFL	Mazatlan, MEX/marker/Thompson-CA
8602.0	CW	1022	CWA	Cerritos Puntos, URG/marker/George-MA
8619.0	CW	1708	VPS	Hong Kong/coded wx and ID/Conway-UK
8661.0	CW	1204	XSQ	Guangzhou, PRC/marker/George-MA
8700.0	CW	1057	9AR	Rijeka, CROAT/marker ex-YUR sta/Conway-UK
8794.0	SSB	1447	WLC	Rogers City, MI, USA/coded marine forecast/Biczak-NJ
8828.0	SSB	1045		VOLMET Hong Kong/tfc and ID/McKee-NC
8861.0	SSB	0127		VOLMET Dakar, SEN/aero tfc/Wolfson-OH
8903.0	SSB	2234		Brazzaville, CONGO/wkng Lufthansa 571/Ross-ONT
8903.0	SSB	0120		VOLMET Luanda, ANGOLA/aero tfc/Wolfson-OH
9100.0	CW	1355	BBB	Shanghai, PRC/marker/Thompson-CA
9338.0	FAX	1510	3MA34	CNA Taipei, TAI/press photo 60/288/Hall-RSA
10018.0	SSB	1445		Bombay, INDIA/wkng local aero tfc/Kislyov-UKR
10256.0	RTTY	2250	NAM	USN Norfolk, VA, USA/coded wx 75/850/Card-RI
10416.5	RTTY	1915	CNM31	MAP Rabat, MOROC/SS nx 50/401/Hall-RSA
10492.5	RTTY	2131		MGA Bucharest, ROM/ROU-FEC 164.5/400 Rom tfc/Ross-ONT
10493.0	SSB	1302	WGY912	US FEMA Net/wkng WGY914, others/Quaglieri-NY
10610.4	RTTY	2055	SVA251	MENA Cairo, EGY/FF nx 75/380/Hall-RSA
10805.4	RTTY	1852	CNM31/39	MAP Rabat, MOROC/Rys and info for SAm 75/804/Hall-RSA
11198.8	RTTY	0540	LYNX	MFA Lagos, NIG/Sitor-A tfc and ID/Hall-RSA [Good Catch Robert!]
11209.0	SSB	0759	SPAR64	USAF TAC Freq/tfc to Craighton, UK/Kiselyov-UKR
11435.0	CW	0159	OVC	DM Groenndal, GREENL/calling OVG12, no joy/George-MA
11455.5	CW		KKN50	MFA US Embassy, London?/marker/Halligey-UK
11456.3	CW	2156	KKN50	MFA US Washington, DC/tfc:"Diplo Telecom System, Washington, DC" [interesting marker, new phrase!]/Lukas-NY
12065.72	RTTY	1836		UNID/VFT 50/B/Chnl 1 AP EE News/Alexander-PA
12352.7	SSB	0013	G4219	Liner SOUTHBOUND II/wkng informal wx net/Bellovich-FLA
12602.5	RTTY	0027	IAR	Rome, ITA/EE SITOR-A tfc/Babin-MA
12645.0	RTTY	0027	LPD	Gen. Pacheco Radio, ARG/CW ID and SITOR-A/Thompson-CA
12715.0	CW	1215	PKN	Balikpapan, INDO/marker/George-MA
12703.0	CW	1000	LYK	Klaipeda, LITH/marker ex-UNM2 sta/Conway-UK
12828.4	CW	1540	XFM	Manzanillo, MEX/marker/Brewer-KS
12875.4	CW	1543	VAI	CCG Vancouver, BC, CAN/marker/Brewer-KS
13650.0	CW	1225	BMB	Taipei, TAI/cqs then TAI wx //8117/George-MA
13842.2	CW	2110	FDC23	Aachen, FR/marker/Lukas-NY
13920.0	FAX	1200	AXM35	Canberra, AUS/wx map of Antarctica 120/576/Card-RI
14268.0	SSB	1500		U.N. Disaster Net/wkng Hurricane Andrew tfc/Babin-MA

14405.0	RTTY 1000	UNHCR Kinshasa, ZAI/SITOR-A FF tfc/Hall-RSA
14478.1	RTTY 0928	MFA Islamabad, PAK/SITOR-A EE tfc abt food/Hall-RSA
14518.1	RTTY 1605 OEC	MFA Vienna, AUSTRI/GG nx ARQ-S 100/183/Hall-RSA
14608.3	RTTY 0920 PWN33	BrazNavy, Natal, BRAZ/72/840 clng PWXE and RYs/Hall-RSA
14677.0	RTTY 0825	MFA Belgrade, YUGO/FEC-A 144 wkng Den Haag/Jansen-NED
14795.5	RTTY 1235 RETGSZA	Guardia Civil, SPA/ARQ-M2 192 baud tfc/Jansen-NED
14890.0	RTTY 0849 TNL	ASECNA Brazzaville, CONG/ARQ-M2 chnl B96/408/Hall-RSA
14937.5	RTTY 1510 TCD	AFTN N'Djamena, CHAD/ARQ-M2 chnl A coded wx/Hall-RSA
15015.0	SSB 1645 SAM205	MAINSAIL (US)/radio ck, no joy/Koch-ILL
15015.0	SSB 2230 AGAR12	EC-135N Adv. Range Instr. Aircraft wkng McDill AFB/Ross-ONT
15018.0	SSB 2355 AF1	AIR FORCE ONE/return from Louisiana w/fone ptch/Lukas-NY
16697.0	RTTY 2229 NRLW	USNS Hayes/ARQ-E tfx for repairs/Lueck-WI
16808.0	CW 1835 SPA	Gdynia, POL/call for tfc/Babin-MA
16810.0	RTTY 1847 FFT81	St. Lys, FR/FF ship tfc/Babin-MA
16815.5	RTTY 1855 OXZ	Lyngby, DEN/SITOR-A marker/Babin-MA
16818.0	RTTY 1910 SVU	Athens, GRC/SITOR-A EE ship tfc/Babin-MA
17069.5	FAX 2130 JJC	Tokyo, JAP/Japanese News 60/576/Alexander-PA
17070.0	FAX 2200 JJC	Tokyo, JAP/Japanese News 60/576/Card-RI
17170.3	CW 1522 PCJ1	Curacao, NedAnt/marker/Dome-TX
17198.3	CW 1009 HZG	Damman, SAUDI/marker/Conway-UK
17206.5	CW 1805 IAR	Rome, ITA/marker/Lukas-NY
17362.9	RTTY 1902 5YE	Nairobi, KENYA/meteo 100/850/Shidler-LA
18388.5	RTTY 1046 5AF	Tripoli, LIBYA/AA marker 50/425/Conway-UK
18579.9	RTTY 1536 CXR	Montevideo, URG/SS tfc to 'CNO Washington' 75/851/Hall-RSA
18702.3	RTTY 1540 DFS70	PAIB Bonn, GER/GG press FEC-A 96/425/Alexander-PA
19386.7	RTTY 1640 RFPQ	FF D'Jibouti/ARQ-M2 Chnl A FF tfc/Conway-UK
19821.3	RTTY 1158	UN New York/SITOR-A tfc for UN Geneva/Hall-RSA
19870.1	RTTY 1133	UN New York/SITOR-A tfc for UN Geneva/Hall-RSA
19988.0	RTTY 0652	MFA Lagos (Turkish Embassy), NIG/FEC-A 144/Jansen-NED
20716.8	RTTY 0945 RFFAB	FF Paris, FR/ARQ-E3 50/400 'ITF' C/I wkng RFTJD/Conway-UK
20750.1	RTTY 1249	MFA Vienna, AUSTRI/ARQ-S5 96/170 GG nx/Hall-RSA
20754.4	RTTY 1100 HBC88	ICRC Geneva, SWITZ/FF tfc w/Kinshasa SITOR-A/Hall-RSA
20919.6	RTTY 1042	MFA Addis Ababa, ETH (Swed Emb)/SWED-ARQ/Hall-RSA
20933.5	RTTY 1450 SOV293B	PAP Warsaw, POL/Pol nx SITOR-B/Hall-RSA
20944.0	RTTY 1445 SAM	MFA Stockholm, SWE/SWED-ARQ 100/425/Hall-RSA
21859.1	RTTY 1308 SAM	MFA Stockholm, SWE/SWED-ARQ 100/388/Hall-RSA
22485.0	CW 2222 VHP	Canberra, AUS/marker/Dome-TX
22507.8	CW 1616 FFL9	St. Lys, FR/marker/Dome-TX
22537.0	CW 2225 FUF	Fort de France, MRT/marker/Dome-TX
22670.8	CW 2145 PPR	Rio de Janiero, BRAZ/marker/Lukas-NY
22831.0	SSB 1437 HEB	Bern, SWITZ/wkng ship ELMO6 on 22135/McKee-NC
22865.0	FAX 0950 9VF235	KYODO Singapore/JJ press 60/576/Hall-RSA
23585.7	RTTY 1205	MFA Harare, ZWE (Swed. Emb)/SWED-ARQ 100/390/Hall-RSA
23586.0	RTTY 1205 SAM/SIDA	MFA Stockholm, SWE/SWED-ARQ 100/413/Hall-RSA
23593.0	RTTY 1036	MFA Manila, PHIL (Swed Emb)/SWED-ARQ 100/395/Hall-RSA
23975.0	CW 2202 KKN50	MFA Washington, DC/marker/Lukas-NY
23976.7	RTTY 1535	MFA Accra, GHA (EGY Emb)/SITOR-A 5lgrps to Cairo/Hall-RSA
25870.0	FM 2233 WFLA	Tampa, FLA, USA/FM radio sta w/local programming on air 24hrs w/75 watts max [unusual!]/Westenhaver-PO

Well, that's it for another month. Merry Christmas and Happy New Year!! Remember to be sure and send me a SASE (or two IRCs to cover postage) for this month's freebies. CUN30,

73,

Chuck

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Permit # 101

FIRST CLASS MAIL
TIME VALUE MATERIAL...PLEASE DO NOT DELAY!