

# SHORTWAVE RADIO TODAY

February 1994

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## The SPEEDX Awards

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Hello again and welcome to another awards update! First, I have changed the Soviet Union Award to the Commonwealth Award. (About time, Harold.)  
Now onto the new awards:

**Things that Fly:** For verifying anything that flies: air balloons, fixed wing, commercial or military.  
Awards for 20, 50, 75, 100, 250, 500

**Things that Float:** For verifying anything that floats in the water: boats, steamships, cruise ships, commercial and military.  
Awards for 20, 50, 75, 100, 250, 500

These two awards have been requested by SPEEDXers before. They should help the novice who only has a few of each and will entice them to go after specific awards.

Congrats to the following for either receiving new awards or updates to current awards:

African: Ron Downing - 25  
Americas: Ron Downing - 25  
Asian: Ron Downing - 25  
European: Ron Downing - 50  
Utility: Richard Baker - 200  
Cruise Ships: Richard Baker - 25  
Jim Navary - 75  
Armed Forces: Jim Navary - 25  
Heard: Ron Downing - 100  
360: Ron Downing - 100  
RTTY: Jim Navary - 25



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

73's and good DXing, Harold

# DXperience

Your guide to what's happening in radio

Send any interesting radio-related info to:  
Dan Brame  
376 Jeffrey Lane  
Wheeling, IL  
60090-4828

## GREETINGS FROM WHEELING FEBRUARY 1994

Welcome to February! I have a very full column this time around, so I'll quickly dispense with the chit-chat. I hope you all get a chance to do some more quality listening before the sunlight lengthens too much (although since I'm writing this during the mid-January Arctic blast of -60° windchills, I think a little more sun might be nice right

about now!) Those of you that also monitor your scanners probably have some very interesting stories if you were in Los Angeles or one of the many cities hit by the winter storms. I know we're a shortwave club, but if you want to send in some particularly unique items you picked up, please feel free and I'll share them with everyone.

## THE 1994 WRTH

I received my new *World Radio TV Handbook* early in January, and once again, editor Andy Sennitt and his staff have put together another fine edition.

Little has changed since last year's many new layouts. A nice addition is a listing of national holidays. There are no specifics beyond a date, but it is a good starting point. A suggestion to Mr. Sennitt—putting the list in chronological order by date rather than alphabetical by country might be more useful.

Country listings are, as always, very complete and include such up-to-date info as a schedule for KWHR in Hawaii and very specific listings of Russian relays of R. Netherlands. New countries such as Slovakia and Eritrea find their place amongst the pages. Wisely, the Radio Moscow transmitter site info

has been cut back since so much of it was always in question due to lack of official confirmation from Russia. The book is so recent that the editors were even able to squeeze in the demise of VLQ and VLW, the sale of WCSN and the 100 kW transmitters in Papua New Guinea on their "Last Minute Information" page.

Other features include a full section on satellite broadcasts accompanied by a notice of the *WRTH Satellite Broadcasting Guide*, which is now available. (Anybody want to review that for us?) The "Listen to the World" section is one of the best yet, with an extended article about "space weather," a look back at the past year in broadcasting, equipment reviews and a nice article about radio-related software for Mac and IBM.

## RADIO IBIS IN SOMALIA

from *The Patriot Ledger*, 12/15/93

Every morning, an elegant young woman crosses the deadly Green Line, enters a tiny studio and speaks into a microphone in a low, professional tone. Radio Ibis is beginning another day of bringing pop music and poignancy to this shattered and tense city.

Fawhia Ali Qaaje gives the news, tells children's stories, interviews people in hospitals, offers uplifting yarns of lives rebuilt, reads letters from listeners and plays songs dedicated to the ones they love—and sometimes lost.

A programmer hunched over a control board and CD player plays an eclectic mix of pop, hard rock, Somali folk songs and Italian opera. Sometimes kids are recruited to compete on a learning quiz show.

Radio Ibis may have only 200 watts, but

that's enough to reach tens of thousands of listeners who crave diversion from their city's troubles.

It is financed by the Italian army to draw attention to its aid projects and convince people there is a functioning, recovering society out there. They began the station nine months ago so soldiers could hear soccer scores from home. Last month, they added 3 1/2 hours a day of programming in Somali.

Its main competitors are the radio stations run by Mogadishu's two main clan leaders and Radio Maanta, which is operated by the well-oiled propaganda machine of the United Nations. All of them put their particular spin on events. The BBC also broadcasts in Somali and Somalis with some English, a taste for U.S. culture and the occasional hockey game

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**RADIO IBIS (cont.)** can tune in three versions of the United States military's Armed Forces Network.

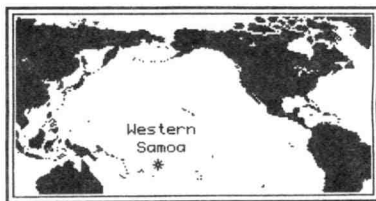
Radio Ibis, however, has the most varied format. On any given day, one can hum along to anything from Pink Floyd to the soundtrack

to *Jurassic Park* to such Somali singles as "I Can't Sleep in the Night Without You," by Sado Ali. The three Somali women who work at Radio Ibis collect stories about people who are managing little successes amid the chaos and crime and threat of clan warfare in the city. The station offers health and nutrition tips and directs people to development and relief programs. *This kind of puts your local Z-Rock and All Talk stations to shame, doesn't it? This is radio as it should be, by and for the people. Thank you, I'll step down off my soapbox now.*

## WESTERN SAMOA ON THE AIR

from Radio Korea via Rich DeAngelo

In honor of the 100th DX report on Radio Korea, there will be a special 10-minute segment on February 20 (local date) featuring a taped program from the Samoa Broadcasting Service. This will be heard during R. Korea's normal transmission schedule (see below). While not technically counting as a transmission from Western Samoa, you may obtain from them a special QSL by sending a report with 2 IRCs to Western Samoa Broadcasting Dept., PO Box 1868, Apia, Western Samoa. As our esteemed CDE John Bellovich told me, Radio Bahrain began as a program on Radio Kuwait before it became its own station, so a strong response may convince them to join the shortwave bands!



Western Samoa, 173° W, 14° S. UTC -11. 6620 miles, 10650 kilometers from Wheeling, Illinois. Made up of nine islands, most of its predominantly Polynesian population live on Upolu, where the capital of Apia is located. Discovered by the Dutch in 1722, it was ruled by Germany and later New Zealand before becoming a UN trust territory and then an independent state in 1962. Farming, fishing, tourism and timber form the bulk of the economy. A head of state is chosen by the legislative assembly from among the royal families. (*The Concise Columbia Encyclopedia*)

RK sked to North America  
1130 9650 (via Canada)  
0100 15575  
0600 11945, 15155

## INDIAN DX FEST

from Times Radio Club via SPEEDX HQ

The Times Radio Club, affiliated with India's largest-selling newspaper, *The Times of India*, is announcing a DX Fest '94 to be held sometime in April in Kathmandu, Nepal. Details are somewhat sketchy, but they describe it as follows:

"In this Fest DXers from all over the world are expected to participate and exchange views and possibilities of increasing awareness of Radio listening. The FEST will also be an eye opener to different methods of improved broadcasting viz. Satellite Broadcasting etc. And we want to discuss how radio listening can figure out to be a very important tool in

developing countries. This conference is surely going to be an important landmark for all enthusiasts including the international broadcasting stations."

They plan to charge \$150 US for the three days which will include food, lodging and sightseeing. For more information, contact Biswajit Guha Roy, Times Radio Club, Times of India, Fraser Road, Patna 800 001, India. A sample copy of their newspaper column "Scanning the Bands" is available by air for 4 IRCs. They are also requesting that DXers around the world send in contributions of info and loggings for publication.

## FEBRUARY HOLIDAYS

from *Federal Express International Newsletter*, 1/94 via Don Weber

A couple of major holidays this month. First, Carnival (or Mardi Gras) will take place on the 14th and 15th in **Bolivia, Brazil, Ecuador, Germany, Netherlands Antilles,**

**Portugal, Uruguay and Venezuela.** Second, the FedEx newsletter mentions the beginning of Ramadan, the month of fasting and abstinence in Islam, as being on the 12th in

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## HOLIDAYS (cont.)

**Benin, Malaysia and Pakistan.** I'm a little confused as to why this is not listed in the other twenty-something Muslim countries, but I assume the date is the same throughout the world. Finally, the Lunar New Year is celebrated from 2/10-12 in **China, Malaysia and Taiwan** and two days later in **South Korea.**

Other days of note...

**Angola** - Commencement of the Armed Struggle, 4  
**Bangladesh** - Martyrs Day, 21  
**Dominican Rep** - Independence Day, 27  
**Estonia** - Independence Day, 24  
**Guyana** - Republic Day, 23  
**Iran** - Revolution Day, 11  
**Israel** - Purim, 25 or 26  
**Japan** - National Founding Day, 11  
**Kuwait** - National Day, 25-26  
**Lithuania** - Independence Day, 16  
**Mexico** - Constitution Day, 5  
**Russia** - Day of the Fatherland's Defender, 23  
**Sri Lanka** - National Day, 4

## NEW THOUGHTS ON RECEPTION

by Carl A. Josephson via Bill Westenhaver

In his role as QSL signer for RCI, Bill received a letter from a Finnish listener that I'll excerpt here about the function of the "condition of air" on shortwave reception.

"A brief observation, without compiled statistics, seems to indicate that a winter snow storm deteriorates SINPO and prevents usable . . . reception. A rain storm may not. It depends on the upper layers of the atmosphere [where it] could be snowing at high altitude. In different words, local conditions could be ideal, but the atmosphere could be disturbed between the broadcaster and the receiver . . ."

"Further, the precipitation of snowflakes absorbs the [water vapor] that surrounds the . . . snowflake. In effect, the snowflakes have less water vapor . . . space between them. Rain, on the other hand, is a saturation of

water vapor, 100% humidity . . . That medium offers better radio wave energy transmission.

"The tumbling geometric snowflake shapes deflect and diffuse radio wave energy. The low moisture spaces between snowflakes are not good transmitters compared to 100% rain-moisture saturation. Added to this is the fact that cold air has less moisture content than relatively warmer rain weather . . ."

So, in summary, Carl is showing that a radiowave must pass through several types of "condition of air" from transmitter to receiver, and he believes that any snow along the way can degrade the signal. Interesting, no? Carl says he now includes local temperature, barometric pressure and weather conditions in every reception report!

## NUMBERS IN FRENCH

Here's a little guide to translating numbers in French to help you determine frequencies on the air. I know most of us have digital readouts now, but this could help you find parallel frequencies that are announced. The letters "nh" are a nasal sound in which the n is never actually pronounced. The letters "oo" are pronounced as in "foot."

|          |        |             |          |                      |                 |
|----------|--------|-------------|----------|----------------------|-----------------|
| 1 un     | oonh   | 11 onze     | onhz     | 30 trente            | trawnt          |
| 2 deux   | doo    | 12 douze    | dewz     | 40 quarante          | kahrawnt        |
| 3 trois  | twah   | 13 treize   | trayz    | 50 cinquante         | sankawnt        |
| 4 quatre | kahtra | 14 quatorze | kahtorz  | 60 soixante          | swahsawnt       |
| 5 cinq   | sank   | 15 quinze   | kanhz    | 70 soixante-dix      | swahsawntdees   |
| 6 six    | sees   | 16 seize    | sayz     | 80 quatre-vingts     | kahtruhvent     |
| 7 sept   | set    | 17 dix-sept | deeset   | 90 quatre-vingts dix | kahtruhventdees |
| 8 huit   | weet   | 18 dix-huit | deezweet | 100 cent             | sawnt           |
| 9 neuf   | nef    | 19 dix-neuf | deezneff | 1000 mille           | meel            |
| 10 dix   | dees   | 20 vingt    | vent     |                      |                 |

Here's a typical announcement with its translation: "Nous émettons dans la bande de vingt-cinq mètres sur onze milles, neuf cents, quatre-vingt kilohertz et dans la bande de dix-neuf mètres sur quinze milles, deux cents, cinquante-cinq kilohertz." "We are transmitting in the 25 m.b. on 11,980 kHz and in the 19 m.b. on 15,255 kHz." Good luck, and my apologies to W.W. for any inaccuracies!

Name this interval  
 signal:  
 See p. 4 for the  
 answer!





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## FEBRUARY CONTEST

This month, we have a fun prize courtesy of Betsy Robinson. She has donated her collection of pins from different stations. Most of these are from former Soviet bloc nations and include a couple Radio Berlin International pins as well as many from Radio Peking. To win this grab bag, simply tell me which shortwave stations (not counting utilities) have the highest broadcasting frequency in Asia, Oceania, Europe, Africa, South America and North America. Answers will be verified by the 1994 WRTH. First card to me wins, so good luck!

## MYSTERY SIGNAL

Did you guess Radio Bulgaria? That's the mystery interval signal from page three. You can hear them broadcasting to North America for 90 minutes at 2245 and for an hour at 0100 on 7455 and 9700 kHz. Happy listening!

## WHERE ARE THE AFRICAN WORLD SERVICES?

In last month's "Shortwave To Go!" column, there was a note about an English newscast on Africa #1 at 1851 UTC, Sunday through Monday. I decided to give it a listen, having never really paid attention to the station in the past. After a nice Afropop song, a rock break came on with an announcement in French that led to a man in heavily accented English with news of an election, a conference and violence in Burundi. It was over in about three minutes.

That got me thinking—why does every continent except Africa have at least one major broadcaster putting a strong primetime signal into America? Europe has the BBC, R. Netherlands and Deutsche Welle, among many. South America has HCJB which does offer some non-religious programming. Asia is well-represented by the various relays of Tokyo, Beijing and Taipei. RCI, VOA and Monitor Radio boom in during the evening. I guess R. Australia isn't exactly a major presence here, but you can catch them over breakfast on all the bands. So what's up with Africa?

The three top English broadcasters would have to be Cairo, Lagos and Johannesburg. Radio Cairo doesn't exactly have the greatest audio around, and they have always seemed to me to be part of the Middle East rather than

## DECEMBER & JANUARY DXPERIENCE CONTESTS

Well, we had two contests and one winner! Congratulations to:

**Carlo Avogaro**  
Los Angeles, CA

Carlo was too fast for the rest of the entrants these past two months, and he wins the stickers and the *Guide to Shortwave Programs*. For those of you playing along at home, here are the answers:

### Radio Programs

1. Research File - R Netherlands
2. European Journal - Deutsche Welle
3. Kaleidoscope - VO Free China
4. Daybreak Africa - VOA
5. Compass North - R Finland
6. Off the Shelf - BBC
7. Folk Box - R Moscow
8. DXers Unlimited - Radio Havana Cuba

### German Holidays

1. Maifeiertag - May Day
2. Himmelfahrt - Ascension
3. Pfingstsonntag - Pentecost
4. Weihnachten - Christmas
5. Neujahr - New Year's Day
6. Ostersonntag - Easter
7. Karfreitag - Good Friday
8. Tag die Deutsche Einigung - Unification Day

Africa. The Voice of Nigeria comes in quite well, but you have to stay up to 0500 to hear them. Finally, poor Radio RSA is a mere shadow of its once mighty self. A quick comparison of the 1994 and 1987 WRTHs will show why you rarely hear that charming guitar and bokmaikerie interval signal anymore.

So what do I suggest? Well, why doesn't Africa #1 turn those big 500 kW transmitters to the northwest and send us some of that great Afropop music with English announcers telling us about West African current events, history and culture? When I listen to "Paris Calling Africa" on RFI or "Daybreak Africa" on VOA, I really enjoy myself. What if similar programming were originating from the continent itself and beamed to us in our evening? This would definitely be a big hit.

What do you, the members, think? Are there any other gaps in broadcast coverage that bug you? It's too bad Venezuela, Colombia or Brazil don't come up with a true North American service as well, but that's another story. Please write me with your own opinions. If they agree with mine, I'll print them! I might even use them if you disagree with me, but only if I'm running really short on other material.

**WHAT'S ON**

Daniel Sampson - 4 Turtle Avenue - Arcadia, WI 54612  
CompuServe 73540,3025 - Internet: 73540.3025@compuserve.com

**CHANGES ENTERED DECEMBER 14, 1993-JANUARY 16, 1994**

Thanks to Jason Berri-CA, Mike Hardester-NC and William Westenhaver-QU for the schedules.

- 0000-0800 --- RFPI, Costa Rica 15030, 9375, 7375 USB
- 0030-0055 --- Vlaanderen I, Belg. 5900 Sa 0038 Radio World
- 0030-0100 --- R. Australia 21740, 17795 Su-F 0030 International Report
- 0100-0120 --- RAI, Italy 11800, 7275
- 0100-0150 --- DW, Germany 9700, 9670, 9565, 6145, 6120, 6085, 6040 Tu-Sa 0109  
European Journal, M 0130 Larry's Random Selection
- 0100-0400 --- R. Australia 21740, 17795, 17630 Su-F 0230 International Report
- 0230-0300 --- R. Sweden 9695, 6195 W 0240 Sweden Calling DXers (1st/3rd Tu)
- 0250-0310 --- Vatican R. 7305, 6095
- 0300-0330 Reg R. Japan 15325, 15230
- 0300-0400 Gen R. Japan 9610, 5960 Su 0315 Mailbag, M-F 0315 Magazine Hour
- 0330-0400 --- R. Sweden 9695, 6195 W 0340 Sweden Calling DXers (1st/3rd Tu)
- 0400-0500 --- China R. Int'l 11840, 11680 M 0439 Listener's Letterbox
- 0500-0550 --- DW, Germany 6185, 6120, 6045, 5960 Tu-Sa 0509 European Journal,  
M 0530 Larry's Random Selection
- 0630-0700 --- R. Australia 11910 Su-F 0630 International Report
- 0700-0730 --- R. Australia 11910, 6020
- 0730-0900 --- R. Australia 11910, 9580, 6020 Su-F 0830 International Report
- 0800-1200 --- RFPI, Costa Rica 15030, 9375, 7375 USB
- 0900-1200 --- R. Australia 9580 M-F 1010 Asia Focus, Su-F 1030 International  
Report, Su 1130 Fine Music Australia, M 1130 Innovations, W 1130  
Science File
- 1030-1100 --- R. Korea, S. Korea 11715
- 1100-1200 Gen R. Japan 6120 M-F 1130 Magazine Hour
- 1200-1300 --- R. Australia 9580, 6020 Su-F 1230 International Report
- 1200-1300 --- China R. Int'l 9655
- 1200-1400 --- RFPI, Costa Rica 15030, 9375, 7375 USB
- 1230-1300 --- R. France Int'l 21645, 15425, 15365, 15195, 13640, 11670, 9805
- 1300-1430 --- R. Australia 11800, 9580
- 1400-1600 --- China R. Int'l 7405
- 1400-2400 --- RFPI, Costa Rica 21465 USB, 15030, 7375
- 1430-1600 --- R. Australia 11800, 9580, 6080 Su-F 1430 International Report, M-F  
1510 Asia Focus, Su 1530 Fine Music Australia, M 1530 Innovations,  
W 1530 Science File, Su-F 1630 International Report
- 1630-1900 --- R. Australia 11880 Su-F 1630 International Report, M-F 1810 Asia  
Focus, Su-F 1830 International Report
- 1700-1800 --- HCJB, Ecuador 17790, 15270 M-F 1700 Studio 9, W 1730 Ham Radio  
Today
- 1700-1800 Gen R. Japan 9535 M&W 1715 Spectrum
- 1900-2000 --- HCJB, Ecuador 17790, 15270 M-F 1900 Studio 9, Sa 1910 DX Party  
Line, Su 1910 Saludos Amigos, W 1930 Ham Radio Today
- 1900-2100 --- R. Australia 11880 M 1930 Innovations, W 1930 Science File, Su-F  
2030 International Report
- 2130-2200 --- HCJB, Ecuador 17790, 15270 Sa 2130 Musical Mailbag
- 2130-2400 --- R. Australia 21740, 17795 Su-Th 2230 International Report, F-Sa 2310  
Asia Focus

GOOD LISTENING!



# Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

More foreign language information--a recent issue of The Messenger, from China Radio International identified the rebroadcast of their English Service program "Idioms and Their Stories" on Mondays--while an actual text is not available from Learn to Speak Chinese, English Department, China Radio International, Beijing, 100866 China they will offer "to provide a list of the idioms themselves in both Han character and Pinyin form, along with an English translation". Just a letter request show get this list for you.

If you were involved with Deutsche Welle on their learn German by radio programming "Deutsch--warum nicht?" (German--why not), you should have received booklet number three some weeks ago. If not, a recent copy of their publication, "tune in", has reminded us to write directly to Deutsche Welle at 50588 Cologne, Germany and ask that the German by Radio Language Course be mailed. I may not know what I'm learning but it is more than those long-ago two-years of college German from which I walked away with only one sentence of German in memory--in translation, it was the only words I would need to ask for a glass of beer. Hey, it wasn't a waste of two years of education!

A Radio New Zealand International T-shirt has been a continuing offer for more than several years but the sizes have changed to make the shirt a lot more comfortable for people such as me who might be a few inches wider than I should--all in the wrong places, of course. The shirt is \$20. US from RNZI Enterprises, Post Office Box 2092, Wellington, New Zealand and that twenty can be cash, personal check (NO money orders), Visa or MasterCard. Six sizes are now offered based on chest size in inches or those certainly ever popular centimeter, whatever they are, measurements. The chest sizes are listed from 36" Small to 46" XXXOS in two-inch increments. Go for your even number measurement if Small, Medium, OS, XOS, XXOS or XXXOS make as little sense to you as some of them do to me.

This really has nothing to do with shortwave radio but RAI-Radio Televisione Italiana has given us a lot to talk about over the years. Their choice of announcers usually has put RAI in a class by themselves where it comes to enthusiasm. A while back their magazine which accompanies the mailed schedule offered a RAI sticker by return mail--I don't think anybody who wrote for one ever received that return mail sticker. AND, the current issue of magazine has a meaty news flash on Italian industry. Fiat that world-wide giant in the automotive industry has unveiled a new model with "great hopes" "expected to very popular with young drivers". The model is to be called the PUNTO. I hope Punto in Italian means something other than drop back three yards and punto. But, then we had our Pinto which probably translates into Italian as "don't touch the rear bumper with a feather"--maybe Punto is only Italian for Pinto!

Remember most of your larger national stations have mailing lists. When you send a letter or a reception report to one of the many "biggies", ask if they might add your name and address to their list for schedules or station information. Some stations still have listener clubs although this phase of radio-listener relations has tailed off quite a bit in recent years. It can be amazing as to the information about the station and its country which will end up, for free, in your mailbox.

You are well into the 1994 listening year. Have you completed all those very important actions--like buying your 1994 issues of PASSPORT TO WORLD BAND RADIO and WORLD RADIO TV HANDBOOK and, of course, keeping your subscription current to that great SPEEDX effort entitled SHORTWAVE RADIO TODAY. Utilize Harold Woering for all the club awards and don't forget to check out John S Carson Jr for top quality merchandise and information from the SPEEDX Supermarket. Each club has certain great features and those two individuals help set our ideals as high as possible.

# Shortwave To Go!

Richard E. Hankison  
3209 West 77th Street  
Prairie Village, KS 66208

## Africa

**Angola** - Clandestine, A Voz da Resistencia do Galo Negro, is noted on 7,290 kHz broadcasting until approximately 2025 UTC on December 10, 1993. This sign off time is considerably earlier than the listed time of 2200 UTC. (Hans Johnson, MD via HCJB DX Party Line - 12/16/93)

**Egypt** - Clandestine broadcaster, Voice of Human Rights and Freedom for Iran, has been heard broadcasting from 0230-0425 UTC on 11,470 kHz; from 1630-1825 UTC on 15,620 kHz, from 0600-0645 UTC on 11,470 and 9,350 kHz, and from 1545-1630 UTC on 11,650 and 9,350 kHz. (BBCM via Andy Sennitt via Radio Netherlands Media Network - 12/16/93)

**Equatorial Guinea** - The government of this African nation has shut down Radio Africa 2000 apparently because of its deteriorating relations with Spain. Spain has recently cut off aid to the state run Guinean communications media, and the ban of Africa 2000's broadcasts appears to be in retaliation - Africa 2000 is operated by the Spanish aid program. (Spanish National Radio DX Spot - 1/9/94 via Bill Westenhover)

**Ethiopia** - Free Radio Voice of Ethiopian Unity has been heard broadcasting Wednesdays and Sundays from 1600-1700 UTC in Amharic on 11,666, 11,695 and 15,205 kHz. The station is opposed to both the government of Ethiopia and the government of Eritrea. An address in Washington, D.C. has been announced, but it is noted that the frequencies used by the station also carry Radio Moscow's broadcast in Amharic from 1500-1600 UTC. Also, the announcers for this new clandestine speak Amharic with Russian accents. (BBCMS Summary of World Broadcasts #48 - 11/27/93 and #51 - 12/17/93 via NASWA Journal - 1/94)

Voice of Peace, Addis Ababa, was logged in Russia during November on 11,870 kHz at 1059 UTC with broadcasts to Somalia. (Someone's Shortwave News via World of Radio #724 - 12/16/93) Sorry for the poor acknowledgement, Glenn, but reception was pretty bad. (ed)

**Togo** - Radio Kara heard at 2340 UTC on 5,047 kHz with EZ listening music. (Bruce MacGibbon, OR, via Radio Japan Media Roundup - 12/19/93)

**Uganda** - Radio Uganda has English at 2050 UTC until sign off at 2100 UTC on 4,976 kHz. (Jim Carr, NY, HCJB DX Party Line - 1/14/94)

**Zambia** - Gayle Van Horn (NC) reports hearing Radio Zambia on 4,909.5 kHz at 0330 UTC with regional music and announcements in English and vernaculars. (Monitoring Times - 1/94)

**Zanzibar** - RTV Zanzibar noted on 6,014.6 kHz at 1900 UTC with news in Swahili. (Hans Johnson, MD, via HCJB DX Party Line - 12/18/93)

**Zimbabwe** - Zimbabwe Broadcasting Corporation is considering a return to shortwave. No details are as yet known. (Radio Netherlands Media Network via Monitoring Times - 1/94)

## Antarctica

**Antarctica** - Radio Archangle San Gabriel is back on the air. The station is announcing transmissions at 2330 UTC with Spanish programming and IDs in English. Frequencies currently in use are 6,030 and 15,476 kHz (only the former was monitored). (Jones Radio Nuevo Mundo #187 - 12/4/93 via NASWA Journal - 1/94)

## Asia & The Pacific

**Afghanistan** - Rumors from Iran have it that Radio Afghanistan's transmitters have been hit by artillery shelling in and around Kabul, and that the station is now off the air. BBCM has been unable to monitor transmissions from Radio Afghanistan in recent weeks, so the rumors may prove to be true. (Richard Meecham, BBC World Broadcasting Information via Radio Netherlands Media Network - 1/9/94)

**Australia** - Radio Australia is no longer using 15,320 kHz for its 2100-0630 UTC transmissions to Papua New Guinea. RA is now using 15,425. (Radio Netherlands Media Network - 12/16/93) RA is looking for a frequency to replace 9,580 kHz for its broadcasts heard morning in North America. Once a powerhouse broadcaster at this time and frequency, RA's signal has deteriorated significantly of late. (World of Radio #726 - 12/30/93)

**Bangladesh** - Effective November 7, 1993, Radio Bangladesh is operating per the following schedule:

| <u>Time (UTC)</u> | <u>Frequency (kHz)</u> | <u>Target</u>     | <u>Language</u> |
|-------------------|------------------------|-------------------|-----------------|
| 1230-1300         | 11,770 & 13,620        | South & S E. Asia | English         |
| 1315-1345         | 11,770 & 13,620        | Nepal             | Nepalese        |
| 1400-1430         | 11,770 & 13,620        | Pakistan          | Urdu            |
| 1515-1545         | 11,770 & 13,620        | India             | Hindi           |
| 1600-1650         | 11,770 & 13,620        | Middle East       | Arabic          |
| 1630-1730         | 11,770 & 13,620        | Middle East       | Bengali         |
| 1745-1815         | 9,700 & 7,190          | Europe            | English         |
| 1815-1900         | 9,700 & 7,190          | Europe            | English         |
| 1915-2000         | 9,700 & 7,190          | Europe            | Bengali         |

Reception reports may be sent to Md. Ramizuddin Bhuiya, Senior Engineer (Research Wing), National Broadcasting Authority, NBA House, 12 Kazi Nazrul Islam Avenue, Dhaka-1000, Bangladesh. (Direct - ed)

**Bhutan** - Bhutan Broadcasting Service is noted broadcasting in English from 1415-1500 UTC on 5030; up from 5,020 UTC. (Arthur Cushen's Radio World via HCJB DX Party Line - 12/18/93) Bhutan is broadcasting in English at 1420 UTC until sign off at 1500 UTC on 5,025 kHz. (Ron Howard, CA, via World of Radio #728 - 1/13/94) It looks like Bhutan is moving about this winter. A normally difficult station to hear becomes even more so. (ed)

**Burma** - Democratic Voice of Burma, the voice of the Burmese government in exile and broadcasting from Radio Norway transmitters, has changed frequencies. Broadcasts can now be heard on 11,850 kHz from 1430 to 1455 UTC. Correspondence including reception reports can be directed to the station at P. O. Box 6720, St Olavs Plass, 0130 Oslo, Norway. (BBCM via Monitoring Times - 1/94)

**China** - Hunan PBS has been heard around 1605 UTC broadcasting in Chinese on 4,990 kHz. Both Passport to World Band Radio and WRTH list this broadcaster as signing off at 1500 UTC. (Bruce MacGibbon, OR, via Radio Japan Media Roundup - 12/19/93)

**Indonesia** - RRI-Sibolga (Sumatera) is reported active again on 5,256.5 kHz, broadcasting in Indonesian from 1300-1700 UTC. (Victor Goonetilleke, Sri Lanka via Radio Netherlands Media Network -12/30/93) "Passport" lists this station at 1 kW, so it may be a little difficult to hear in the Western Hemisphere. (ed)

RRI-Jakarta was heard broadcasting in English at 1255 UTC on December 28th on 9,679.92 kHz. This broadcast does not correspond with any published schedule (Dave Clark via FineTuning via World of Radio #728 - 1/13/94)

**Lebanon** - Wings of Hope is now using a new frequency. Try listening to 9,960 kHz at 1400 UTC. (Gustafsson, Sweden, via RNMN via Monitoring Times - 1/94).

**Myanmar** - Radio Myanmar has English from 1430-1550 UTC on 5,990 kHz. (Arthur Cushen's Radio World via HCJB DX Party Line - 12/18/93) Radio Myanmar has been heard in North America on 4,725 kHz at 1420 UTC. (Ron Howard, CA, via HCJB DX Party Line - 1/14/94)

**Nepal** - Radio Nepal has been heard in early January with a fair signal on 5,005 kHz from 1215-1250 UTC. Parallel 7,165 kHz was not heard. 3,230 kHz was heard but was very weak. (John Cobb, GA, via World of Radio #728 - 1/13/94)

**New Zealand** - Radio New Zealand International is cutting back in its shortwave budgeting. One of the casualties is the mailbox program hosted by Tony King and Arthur Cushen which will be discontinued following its airing on January 24, 1994. (Radio Netherlands Media Network - 1/6/94)

Radio for the Print Disabled has been assigned a new frequency. 5,965 kHz replaces 7,290 kHz. (Arthur Cushen's Radio World via HCJB DX Party Line - 12/18/93)

**No. Mariana Islands** - KHBI is now broadcasting on 9,535 kHz from 1400 to 1555 UTC. This is a frequency change moving up the 31 meter band from 9,530 kHz. (Victor Goonetilleke, Sri Lanka via Radio Netherlands Media Network - 12/30/93)

**Singapore** - Singapore Broadcasting Corporation announced plans recently to upgrade its shortwave broadcasts. Now the broadcaster has announced new frequencies. Effective February 1st, SBC will begin using 6,155 and 9,530 kHz for its English Service, Radio 1. The Mandarin service will be carried on 6,000 and 9,635 kHz. The Home Service in Malaysian will be on 7,250 and 9,590 kHz, and Tamil will be carried on 7,170 kHz. No times have been announced - WRTH lists the English Service from 2200 to 1605 UTC; the Home Service from 2045-1800 UTC; the Mandarin Service from 2200 to 1605 UTC and the Tamil broadcast from 2100 to 1605 UTC. (HCJB DX Party Line - 1/14/94)

**Sri Lanka** - Sri Lanka Broadcasting Corporation has been conducting tests on 6,035 kHz from 0630-0830 UTC. Broadcasts are in Tamara. SLBC is particularly interested in reports of the tests from listeners in Southern India. (Victor Goonetilleke, Sri Lanka via Radio Netherlands Media Network - 12/16/93)

**Tonga** - Gigi Lytle of Texas has been hearing Radio Tonga with island music and station identifications around 1215 UTC on 5,025 kHz. (Monitoring Times - 1/94) The only time I hear Radio Tonga is in my dreams! (ed)

**Turkey** - Voice of Turkey broadcasts in English per the following schedule:

| <u>Time (UTC)</u> | <u>Frequency (kHz)</u> | <u>Target Area</u> |
|-------------------|------------------------|--------------------|
| 0400-0500         | 9,445                  | North America      |
| 2100-2200         | 9,445                  | Europe             |
| 2300-0000         | 7,185                  | Middle East        |
| 2300-0000         | 9,445                  | North America      |
| 2300-0000         | 11,895                 | Europe             |

(direct via Bob Thunberg)

**Vietnam** - Radio Cao Bang has change its frequency. The regional broadcaster is now using 6,585 kHz, up from 6,552. Broadcasts are from 1200 to 1400 UTC. (Radio Japan Media Roundup - 12/19/93)

Radio Lai Chau is back on the air after being silent for over a year. Last heard in November of 1992, on 6430 kHz, the station has turned up on 6,700 kHz broadcasting from 1000-1500 UTC. Broadcasts are a combination of local programming and relays of Hanoi's net-1 programming. (Isao Ugusa, Japan, Radio Japan Media Roundup via Monitoring Times - 1/94)

## CIS (and the former Soviet Union)

**Estonia** - Radio Estonia is back on the air. Despite announcements of its permanent demise, Radio Estonia returned to the air on January 4, 1994. No explanation was given for the return which was announced in a holiday greeting card from the station. English programming has been announced as 2000-2030 UTC, Monday through Friday at which time "Estonia Today" is aired. Also, a ten minute of news is broadcast at 1620 UTC. Radio Estonia broadcasts on shortwave on 5,925 kHz. (direct via Mike Fanderys - 1/16/94)

**Kazakhstan** - Kazakhstan has a new independent broadcaster on shortwave. Radio ROKS is broadcasting rock and popular music from the capital, Almaty, on 4,050 kHz from 0600 to 1900 UTC. (Radio Japan Media Roundup - 1/9/94)

**Lithuania** - Last month I reported the demise of Radio Vilnius transmissions to North America on shortwave. But it appears that RV has been given a reprieve. (ed) Radio Vilnius' shortwave service to North America via Russia (0030 UTC on 7,150 kHz) is still on the air thanks to the graciousness of the Russian Government. Switzerland is also thinking of contributing to Radio Vilnius' operating fund. Radio Vilnius and the Lithuanian government are very much interested in maintaining shortwave service and are investigating the possibility of setting up an international broadcast facility within its own boundaries. Of course, money is the main concern. (Richard Meecham, BBC World Broadcasting Information via Radio Netherlands Media Network - 1/6/94)

**Moldova** - Radio Moldova's transmitter site has apparently been destroyed in that country's civil unrest. (Schmid Shortwave News - 12/93 via NASWA Journal - 1/94)

**Russia** - The Voice of Hope - Novosibirsk is broadcasting on the following schedule through March 6, 1994:

| <u>Time (UTC)</u> | <u>Frequency (kHz)</u> | <u>Target</u>                        | <u>Language</u>      |
|-------------------|------------------------|--------------------------------------|----------------------|
| 1200              | 9,835                  | NE China                             | Mandarin             |
| 1300              | 9,835                  | Korea & NE China                     | Korean & Mandarin*   |
| 1400              | 9,835                  | Japan & NE China                     | Japanese & Mandarin* |
| 1500              | 9,835                  | NE China                             | Mandarin             |
| 1600              | 6,150                  | N. India & W. China                  | Hindi & Mandarin*    |
| 1700              | 6,150                  | N. India & W. China                  | English & Mandarin*  |
| 1800              | 6,150                  | Bangladesh & W. China                | Bangla & Mandarin*   |
| 1900              | 6,150                  | Kazakhstan & W. China                | Russian & Mandarin*  |
|                   | *                      | Mandarin on Saturday and Sunday only |                      |

(direct - ed)

Moldova's Radio Dneister International has been heard broadcasting in English from Russian transmitters on 7,105 kHz at 0330 UTC. Voice of America shares this frequency and provides considerable interference. (Ed Rausch, NJ, via World of Radio #728 - 1/14/94)

## Europe

**Croatia** - Croatian Radio, Zagreb may be operating on a new frequency. What appears to be this broadcaster has been turning up on 5,895 kHz at about 1800 UTC. (Joe Hammond via World of Radio #727 - 1/6/94)

**Germany** - Deutsche Welle has announced a new, English Service to Europe on shortwave. Effective January 1, 1994, Deutsche Welle will broadcast 50 minutes of English to Europe starting at 2000 UTC on 5,960 and 7,285 kHz. Each program will begin with five minutes of news to be followed by the half-hour current events program, "Germany Today" (weekdays; other programming will follow the news on Saturday and Sunday). (Deutsche Welle Tune In - 1/94 via Forrest S. Bishop, OH)



RIAS has discontinued broadcasting as of the new year. Much of the staff has been hired on by a coalition of what is left of the East German Cultural Network, Datakultur, and Cologne-based Deutschlandfunk. The new network will be known as Deutschlandradio. (Radio Netherlands Media Network - 1/6/94)

**Greece** - Voice of Greece has moved frequencies during its (local) morning broadcast to North America. Listen to 17,535 kHz, up from 17,515 kHz, from 1300 to 1450 UTC. The move is apparently to escape the splatter of WERN which broadcasts on 17,510 kHz. Voice of Greece broadcasts in English at 1435 UTC. (John Babbis, MD, via World of Radio via Monitoring Times - 1/94)

**Holland** - Radio Netherlands has announced that it has changed frequencies for its 0730 UTC broadcast to Australia and New Zealand. 9,630 kHz is has been discontinued and 11,895 kHz will be used until 0830 UTC. 9,720 kHz will be used for the entire broadcast. Concerned about splatter from Radio New Zealand International on 9,710 kHz, RN is encouraging reception reports detailing the transmission on 9,720 kHz. (Radio Netherlands Media Network - 12/16/93)

**Hungary** - Radio Budapest has announced that it plans to revise the format of its English service. Effective in March, English will be broadcast in two half-hour broadcasts. The usual frequencies will be used for the broadcasts. Broadcasts will begin at 1900 and 2100 UTC and be repeated at 0100 and 0230 UTC. (Edwin Southwell and Joe Hanlan via World of Radio #728 - 1/14/94)

**Slovakia** - The Slovakian government has terminated its agreement with Radio Free Europe for use of medium wave transmitter sites in that nation. (Richard Meecham, BBC World Broadcasting Information via Radio Netherlands Media Network - 1/6/94)

Adventist World Radio has begun broadcasting from Slovakia and is encouraging reception reports. The address for reporting AWR's new Slovakian transmissions is P. O. Box 100252, Darmstadt, Germany. (Radio Netherlands Media Network - 1/9/94) For the schedule of broadcasts by AWR - Slovakia, see last months "Shortwave to Go!" (ed)

**Sweden** - Radio Sweden has been making some frequency changes. Broadcasts to South America at 0030 UTC are now on 6,065 and 9,850 kHz. Broadcasts to North America at 0230 and 0330 UTC are now on 6,195 and 9,850 kHz. (World of Radio #727 - 1/6/94)

**Vatican** - Vatican Radio is looking into shortwave broadcasts on the 75 meter band. Test transmissions have been heard on 4,000 kHz. It looks like Vatican Radio is trying to anticipate the decrease in sunspot activity projected for later in the year. (Radio Netherlands Media Network - 12/30/93)

### Western Hemisphere

**Argentina** - Radio Nacional de Mendoza has been reactivated and is broadcasting on 6,180 kHz after about ten years of inactivity. (Maricio Remiliare, Argentina, via HCJB DX Party Line - January 9, 1994)

**Bolivia** - Radio Difusora Libertad, formerly on 4,808.8 kHz, is now inactive. This station supported a local mining operations and was staffed by off-duty miners. When the mines shut down the "staff" of the station moved on with everyone else. (Takayuki Inoue Nozaki via NASWA Journal - 1/94)

Radio El Mundo has been heard broadcasting at 1002 UTC on 6,015.1 kHz. That frequency is down from the listed frequency of 6,015.7 kHz. (Hans Johnson, MD, - 12/17/93 via NASWA Journal - 1/94)

Radio Gazeta is back on 9,685 kHz after over of year of inactivity. (Jones Radio Nuevo Mundo #187 - 12/4/93 via NASWA Journal - 1/94)

**Chile** - Radio Santa Maria has been heard with a poor signal, broadcasting in Spanish on 6,030 kHz at 0929 UTC. (Santiago San Gil, Venezuela, via HCJB DX Party Line 12/18/93)

**Haiti** - Anti-government broadcaster, Radyo 16 Desanm is continuing to broadcast via Radio Miami International and WRNO following the failed return of ousted President Aristide. Radyo 16 Desanm can be heard Monday through Friday on RMI at 2200 UTC (via WHRI) on 17,830 kHz and at 2300 UTC on 7,355 kHz on WRNO. (Jeff White, WRMI via Monitoring Times - 1/94)

**Honduras** - A new station, Radio Paz, began broadcasting at 1102 UTC on December 9, 1993, on 4,325 kHz. Broadcasts appear to be in Spanish and local languages. News is broadcast at 1130 UTC. (Manual Rodriguez Lanza Radio News, Electronic Edition #12 - 12/1/93 via NASWA Journal - 1/94)

**Peru** - Radio Melodia has been heard in the northeast United States broadcasting in Spanish on 5995 kHz. Listen at about 0900 UTC. (Marie Lamb, NY, via HCJB DX Party Line - 12/16/93)

Radio La Hora has changed frequencies and is now broadcasting on 4,858.3 kHz; down from 4,899.8 kHz. (Klemetz Numero Uno #1250 - 12/17/93 via NASWA Journal - 1/94)

**Turks and Caicos** - Caribbean Christian Radio is broadcasting in medium wave on 1020 kHz from 2230-0414 UTC - broadcasts are being heard throughout the southeastern United States. The station is located on Grand Turk and is owned by West Indies Broadcasting, Inc. This station should not be confused with Atlantic Beacon Radio. Reception reports may be sent to Caribbean Christian Radio, P.O. Box 3, Deland, Florida 32721. (Bobby Tucker, Caribbean Christian Radio via HCJB DX Party Line - 12/18/93) Another station, Radio Vision Christiana is broadcasting on 535 kHz from South Caicos Island. Radio Vision Christiana is operated by a religious organization in New Jersey (HCJB DX Party Line - 12/18/93)

**United States** - WWV has complained to the FCC about WEWN's transmissions on 9,985 kHz claiming that the religious broadcaster's high power transmissions are causing interference with time and frequency broadcasts on 10,000 kHz. WWV is hoping that WEWN will move its broadcasts to either 9,980 or 9,975 kHz. (George Jenkins, WA, via George Thurmond, IL, via World of Radio #727 - 1/6/94)

Voice of the OAS has ceased its shortwave broadcasting activity as of January 2, 1994. (John Vodenik, VOA, via World of Radio #726 - 12/30/93) Voice of the OAS has been granted a reprieve, but only for about four months. After eight days off the air, the Voice of the OAS returned to shortwave with daily broadcasts in Spanish from 2330 to 2400 UTC and Portuguese broadcasts at 2315 UTC on the weekends. The broadcaster has also announced plans to broadcast in English from 2245 to 2300 UTC, Monday through Friday. Frequencies used for the broadcasts are 15,160, 11,835 and 9,535 kHz. (John Vodenik via World of Radio #728 - 1/13/94)

WINB is again broadcasting to Mexico. Some time ago, transmissions ceased when a groundskeeper accidentally clipped a guy wire and collapsed the antenna used to send signals southward. Now the religious broadcaster has installed a reverse switching mechanism on its antenna aimed at Europe which enables it to once again broadcast to the south. WINB currently broadcasts to Europe from 1600 to 2345 UTC on 15,295 kHz. Then "the switch" is thrown and broadcasts to Mexico are aired from 2345 to 0330 UTC on 15,145 kHz. (Fred Juarez, WINB, via Radio Netherlands Media Network - 12/30/93)

William Marsh, President of the Board of International Broadcasting, the governing body for Radio Free Europe/Radio Liberty, has resigned. According to Mr. Marsh, he is resigning because he is in opposition to the proposed move of RFE/RL's headquarters from Munich, Germany to Prague, Czech Republic. The Czech government has offered RFE/RL a rent-free home in Prague, but Mr. Marsh notes that the cost of moving would put the broadcaster as much as \$58 million over budget during the next two years, and for this reason he opposes the move. (Radio Netherlands Media Network - 1/14/94)

**Uruguay** - Radio Integracion is currently broadcasting on 6,045 kHz from 0100-0200 UTC and from 1300-1400 UTC. (Margenet Play Dx #768 - 12/13/93 via NASWA Journal - 1/94)



# WESTERN HEMISPHERE

Don Thornton  
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## ALASKA 7365

- 1224 **KNLS:** CC: EE Lesson--"May God Bless You During the Coming Year" & "Happy New Year"; into recorded segment played at the wrong speed (343 12/25 Wakefield-IA)

## ANTIGUA 5975

- 0142 **BBC:** EE: End of "Folkroute"; prog promos & ID; "Healthmatters" prog (333 12/14 Thompson-CA) @ 2215 in EE w/"Seeing Stars" with an interview w/comet hunter David Levy (554 12/5 Fraser-MA) @ 0330 in EE w/"Farewell Pamela" show--not nearly long enough for us diehard Pamela Creighton fans! (444 12/26 Westenhaber-PQ) @ 0210 in EE w/discussion about Hong Kong (12/8 Mc Guire-MD)
- 6110 2123 **BBC:** EE: "Caribbean Report" w/feature about passengers on a flight from Jamaica being detained at London's Heathrow Airport (454 12/22 Lukas-NY) @ 2135 in EE w/world news (12/7 McGuire-MD)
- 6195 1125 **BBC:** EE: Sports report on an electronic tennis line judge; news about a plane crash in Siberia (444 1/3 Brown-IL)
- 9640 0715 **BBC:** EE: News including 30 killed by a mudslide in Colombia (444 12/19 Brown-IL)
- 15220 1348 **BBC:** EE: A report on the Lockerbee bombing; also a report on an auction of Soviet space history (555 12/11 Brown-IL)

## ANTILLES

- 6165 0411 **RN:** EE: "Media Network" A report on a new computer program; report on active antennas (433 12/23 Brown-IL) @ 0130 in DD with world news (12/7 McGuire-MD)
- 9540 0030 **RN:** EE: Talks about the ANC and territory for whites (555 12/20 Robinson-TN)
- 9630 0727 **RN:** EE: News that this freqy will be dropped tomorrow & that the new freqy will be 11895 kHz (433 12/19 Brown-IL)
- 9720 0947 **RN:** EE: "Newline" with a report on the EEC (444 12/29 Brown)
- 9865 0947 **RN:** EE: "Happy Station" w/listeners' congratulations on the show's 65th anniversary inc a letter from SPEEDXer Steve Willers (343 12/12 Westenhaber-PQ)
- 17605 2015 **RN:** EE: "Media Network" w/report on new radio ship "MV Fury"; a new CD on utility noises by Klingenfuss (554 12/16 Fraser MA)
- 21515 1730 **RN:** EE: World news and commentary; into sports news (444 12/21 Langlois-FL)
- 21590 1947 **RN:** EE: "Newline" w/report on Nigerian politics; promo for brochure on studying in The Netherlands (good 12/31 Famularo-New Zealand) @ 1935 in EE w/"Happy Station" w/Christmas show featuring listeners' letters (353 12/19 Fraser-MA)

## ARGENTINA

- 6060 0530 **R. Nacional:** SS: IDs; commercial breaks; Lat Am music (322 1/17 Johnson-IL)
- 11710 0216 **RAE:** EE: Special New Year's program; music (323 1/4 Hogan-NC) Welcome to the column!--ed) @ 1024 in SS w/"Radio Nacional" prog w/automobile ad; mix of music inc ballads & polkas (333 12/25 Wakefield-IA) (Up late wrapping presents?--ed)
- 15345 2103 **RAE:** FF: M & W hosting a prog (322 1/7 Bishop OH)

## BOLOVIA

- 4549.5 1019 **R. Tropico:(t)** SS: M anncr w/talks; no ID heard (232 1/10 Johnson-IL)

## BRAZIL

- 4755 0122 **R. Educacao Rural:** PP: M DJ w/talks; into music sung by another M (433 1/3 Bishop-OH)
- 4805 0129 **R. Dif. do Amazonas:** PP: Talks in PP by 2 people (433 1/3 Bishop-OH)
- 4815 1108 **R. Cabocla(p):** PP: M w/talks; stringed inst'l music. Could also by R. Difusora (poor 12/26 Famularo-New Zealand)

4875 0231 R. Dif Roraima: PP: M w/talks in PP (332 1/3 Bishop OH)  
 9565 0414 R. Universo: PP: Shoutin' screamin' & yellin' by either  
 a preacher or politician (443 12/14 Newbury-NE)  
 11780 2133 R. Nacional da Amazônia: PP: Brazilian music, even a Brazil-  
 ian rap number--bleak! (443 1/16 Johnson-IL)  
 11785 0852 R. Guaiba: PP: talks by 2 M; ID & medium wave freqy given  
 @ 0900 (fair 12/28 Famularo-New Zealand)  
 11855 0755 R. Aparecida: PP: Lat Am vocals music; ID; religious-sounding  
 talks @ 0801 (fair 12/10 Famularo-Japan)

#### CANADA

5960 0352 R. Japan: EE: "Changing Japanese Family Ties"; news summary  
 (545 1/4 Hogan-NC)  
 6015 0631 RAI: EE: News about a flu epidemic in Austria which affected  
 RAI very hard (444 1/2 Brown-IL)  
 6070 2:22 CRFX: EE: "The World Today"; ad for Saxon's For Men clothing  
 store; ID w/traffic & weather reports (544 12/16 Fraser MA)  
 6120 0245 RCI: EE: Discussion about youngsters playing hockey (12/7  
 McGuire-MD)  
 6130 1133 CHNX: EE: 60's music, weather reports & advertisements. ID  
 as "Oldies 96, CHNS (443 12/29 Evans-TN) @ 1134 in EE w/weath-  
 er; ID; a report on YMCA volunteers (222 12/20 Brown-IL)  
 6160 0957 CKZN: EE: ID w/medium wave freqys & QTHs & call letters; news.  
 Weak but in the clear (242 12/25 Wakefield-IA)  
 9515 1645 BBC: EE: "This is London?!"--muffs, mistakes & giggles during  
 the world news readings (555 12/25 Fraser-MA)  
 9625 1635 CBCNQS: EE: Hilarious satire about Lorena Bobbit matter; into  
 best of "Double Exposure" comedy show (333 1/15 Thornton-NJ)  
 @ 1406 in EE w/ New Year's messages from Governor General  
 Hnatyshyn & Prime Minister Chrétien (242 1/1 Westenhaver PQ)  
 9650 1143 R. Korea: EE: Music featuring an interview w/a Korean pop  
 singer (222 12/17 Brown-IL)  
 9705 0300 RCI: EE: Talks about the Canadian Gov't; ID (545 12/24  
 Clevely-NY)  
 11885 2250 RCI: Creole: ID; newscast @ 2259; this has been on the air on  
 weekdays since late November  
 11940 2301 RCI: EE: News reports on rebuilding the Conservative Party  
 (pr-fr 12/7 Famularo-Japan)  
 13650 2130 RCI: EE: ID; announcement that this transmission was being  
 beamed to Africa (323 12/22 Clevely-NY)  
 15260 1715 BBC: EE: "Quote Unquote" prog w/host Nigel Rees (242 12/13  
 Thompson-CA)  
 15325 2030 RCI: FF: ID; news about the Premier of Québec; music inc  
 Carl Peterson's "Anything Goes" (555 12/14 Robinson-TN)  
 17820 1440 RCI: EE: Christmas show w/Dolores Hagarty playing cuts by  
 the Montréal Jubilation Choir (343 12/25 Westenhaver-IN)

#### CHILE

6029.6 0130 R. Santa María: SS: ID w/military style music; short news  
 prog into Lat Am music mixed w/talk (242 1/1 Froemming AZ)

#### COLOMBIA

4865 0400 LV del Canaruco: SS: Station & CARACOL ID w/news prog; into  
 news program (444 1/1 Froemming-AZ)  
 4885 0225 Ondas del Meta: SS: Lat American music (222 1/3 Bishop OH)  
 5075 0205 CARACOL-Bogotá: SS: ID; news about the death of Pablo Escobar  
 (444 12/03 Newbury-NE)  
 5975 0738 R. Macarena: SS: Religious music, numerous IDs (333 12/28  
 Leeman-RI)

#### COSTA RICA

5055 0300 Faro del Caribe: SS: Light instrumental music; talks (323  
 12/22 Clevely-NY)  
 6005 1100 R. Reloj: SS: News; ID as "R. Reloj, numero uno en Costa  
 Rica, gracias a usted" (444 12/29 Leeman-RI) on 6005.7 in SS  
 w/ballad music T: w/ID (222 12/26 Wakefield-IA)  
 6140 0727 R. Exterior de España: M & W reading news reports (fr-pr  
 12/15 Famularo-Japan)  
 7375u 0400 RFPI: EE: M & W w/talks about the Aztec civilization (444  
 12/3 Langlois-FL)  
 9375u 0152 RFPI: EE: "Feminist Int'l Radio Endeavor" prog w/report on  
 US Foreign policy w/Colombia (333 1/4 Hogan-NC)  
 11870 1128 AWR: EE: M relates problems w/building project in Costa Rica  
 (333 12/25 Wakefield-IA)

CUBA

- 5025 0255 R. Rebelde: SS: M & W anncrs w/interview program; music (434 12/22 Cleveley-NY)  
 6010 0300 RHC: EE: World news; commentary; ID (545 12/22 Cleveley NY)  
 6140 0325 RHC: FF: End of a program; ID (12/9 McGuire-MD)  
 9510 0419 RHC: EE: Lat Am news; ID; "Spotlight on the Americas" (444 12/21 Brown-IL)  
 9815u 0141 RHC: EE: Report on relations w/US; report on Cuba's petroleum industry (344 1/4 Hogan-NC)  
 15165 2100 RHC: EE: News that Castro will open files concerning the Kennedy assassination (544 12/16 Fraser-MA) @ 2115 in EE w/a report on a person that brought relief supplies to Cuba (444 12/24 Brown-IL) @ 2138 in EE w/"DXers Unlimited" w/basic information on writing reception reports (322 12/4 Westenhaver PQ)

DOMINICAN REPUBLIC

- 6025 2200 R. Amanecer: SS: W vocalist; ID; nice Moorish music; religious prog (434 12/22 Cleveley-NY)

ECUADOR

- 3220 1048 HCJB: Quechua: M w/religious talks (222 12/26 Wakefield IA)  
 3279.8 0150 LV del Napo: SS: W talking in SS; ID; news; vocal tune "Every Time I Feel the Spirit I Pray" (242 12/15 Newbury NE) @ 1030 in SS w/ ments of Napo over Andean music (333 12/20 Wakefield-IA)  
 4800 0126 R. Popular: SS: Song "Rock of Ages" (221 1/3 Bishop-OH)  
 6205 0742 HCJB: EE: "Saludos Amigos" program w/listener's letters (333 1/2 Brown-IL)  
 9675 0458 HCJB: RR: IS; "Govorit Radiostantsiya Gols And" ID w/QTH (343 12/19 Westenhaver-PQ)  
 11925 0541 HCJB: EE: "DX Partyline" w/listener's comments; Quito Logbook" (333 1/1 Brown-IL)  
 15140 2019 HCJB: SS: M talking to W about missionary work; QTH given (544 1/7 Bishop-NY)  
 15270 1700 HCJB: EE: Extensive report of Escobar's death & his biography (555 12/3 Newbury-NE) @ 1700 in EE w/commentary about tourism in Cuba; "Studio 9" prog (444 12/10 Langlois-FL)  
 17490 2200 HCJB: JJ: Religious music; ID (4334 12/22 Cleveley NY)  
 21455u 1909 HCJB: EE: "DX Partyline" w/host Rich McVicar talking about "LV del Chacho", a medium wave station in Paraguay (434 1/1 Bellovich-FL) @ 2106 in EE w/talks about lap-top computers for the visually impaired (fr-gd 12/28 Famularo-New Zealand) @ 1910 in EE w/ "DX Partyline" inc news about Texas DXer Gigi Lytle's trip to China, which she won in a contest sponsored by China Radio International (555 12/11 Newbury-NE)

FRENCH GUIANA

- 5055 2254 RFO: FF: "Go West" w/the Pet Shop Boys; into a rap number in FF which would have been awful an any LL (222 1/16 Thornton NJ)

GUATEMALA

- 2390 1059 LV del Atitlán: SS: Lat Am flute music; quite M anncr gives devotional talks; clear ID (2142 1/7 George-MA) @ 0155 in SS w/Lat Am music; ID @ 0202; into more music & talks (242 1/2 Froemming-AZ)  
 3300 0038 R. Cultura: SS/EE: Musical prog in EE; no DJ (322 1/3 Bishop-OH) @ 0300 in EE w/M pastor hosting a religious prog w/music (323 12/24 Cleveley-NY) @ 0414 in EE w/none-too creative preaching; moralizing (443 12/12 Newbury-NE)  
 3370 0251 R. Tezulutlán: SS: M talking in SS (343 12/15 Newbury NE)  
 3380 0245 R. Chortis: SS: Ranchero music; prayers in SS (443 12/15 Newbury-NE)  
 4825 1200 R. Mam: Vern/Mam: \*1200 w/"Radio Mam"; call letters given in an indiginous LL (333 12/22 Fisher-MA)  
 4835 0210 R. Tezulutlán: Vern: M speaking in a local Lf, w/native tribal dancing music in the background (433 1/3 Bishop OH)

HONDURAS

- 4820 0300 LV Evangélica: SS: ID w/religious prog & Bible readings; some religious music (343 1/1 Froemming-AZ) @ 0300 in SS with folk music; a ID (434 12/24 Cleveley-NY)  
 15674.7 2230 R. Copán Int'l: SS: Rock music; ID @ 2233; gone by 2250; deep fades (252 12/18 George-MA)

MEXICO

- 6010 0810 R. Mil: SS: "R. Mil" IDs; slow ballad style music (344 1/15 Johnson-IL)  
 6185 0710 R. Educación: SS: M anncr w/prog of oldies inc "Hong Kong Blues" sung by Kate Smith. This stations must have one heck of a music library---you never know what you'll be hearing next! (555 1/19 Johnson-IL)

PARAGUAY

- 9735 0038 R. Nacional: M anncr ending news; into local music; W w/talks over "Silent Night"; ID (333 12/14 Thompson-CA) @ 0000 in SS w/ID; folk music; 2 M anncrs w/talks (545 12/24 Cleveley NY) @ 9735 0955 in SS w/TC "en R. Nacional"; talks about Paraguay- & national culture (454 12/20 Wakefield-IA) @ 0231 in SS with ID; Lat Am music inc love ballads (343 1/1 Froemming AZ)

PERU

- 4299.9 1102 R. Naylamp: SS: Long winded talks by M into nice Peruvian music inc vocals by W (242 1/10 Johnson-IL)  
 4485 0417 Lv de Celendin: SS: Very weak audio--ID @ 0402; talks about Peru (242 1/1 Froemming-AZ)  
 4505.4 1010 R. Horizonte: SS: Modern sounding Peruvian style music; M anncr; long station break w/excited DJ (242 1/10 Johnson IL)  
 5131 0346 R. Visión: SS: Pop music w/echo effects. S/off routine @ 0356; "R. Visión, Bambamarca" ID 0400\* (242 12/23 George-MA)

PIRATES, CLANDESTINES & UNIDS

- 6305 1100 Lv del CID: SS: IS; repeated I); quotes from The Washington Times about Cuba; ID; music (433 1/3 Brown-IL)  
 7395u 0213 Pirate Radio Boston: EE: ID; Reggae Christmas music; listeners' letters (333 12/18 Fisher-MA)  
 7413 2235 R. Azteca: EE: IDs; cheery news that 43% of all DXers are destined for Hell (333 12/25 Fisher-MA)  
 7414 0030 Oasis Radio: EE: Hilife and new age music; mentions of Radio Free Berkeley (222 12/26 Fisher-MA)  
 7415 1514 R. Liberty: EE: Alternative versions of Christmas carols (333 12/25 Fisher-MA)  
 7415 1005 R. New York Int'l: EE: Usual RNI programming. Claimed to be b'casing from ship "Fury II". I don't know if this is the real thing or not. Anybody out there know? (333 12/25 Fisher)  
 7420 2008 KNBS: EE: Ghanja inspired Christmas carols; ID (444 12/24 Fisher-MA)  
 9965 0230 R. Caiman: SS: Music; talks about Fidel Castro; ID (323 12/22 Cleveley-NY)

SURINAM

- 5005.6 0248 R. Apintie:(t) Vern?: Very weak audio. No ID but probably them (141 1/1 Froemming-AZ)

URUGUAY

- 11735 2355 R. Oriental: SS: Lots of music & talk; news @ 0000 (211 12/2 Hankison-KS)

UNITED STATES OF AMERICA

- 5935 0628 WWCR: EE: Dr. Gene Scott recounts his humble beginnings (343 12/25 Wakefield-IA)  
 5985 1000 VOA: EE: News inc peace talks are bogged down on the West Bank; fighting in South Lebanon (333 12/29 Brown-IL)  
 5995 0125 VOA: EE: Discussion about the situation in Haiti; UN report on Human Rights in 1993 (12/10 McGuire-MD)  
 6030 0300 R. Martí: EE/SS: IDs; talks in SS; music (545 12/22 Cleveley)  
 6035 0502 VOA: EE: News inc Ukraine seeks compensation in exchange for destroying it's nuclear weapons (433 12/18 Brown-IL)  
 7315 2310 WHRI: Croatian: Croatian Radio Zagreb program w/news about the war in Bosnia (12/10 McGuire-MD) @ 0130 in EE w/religious program (323 12/24 Cleveley-NY)  
 7490 0705 WJCR: EE: "Prayer Line w/hosts Don Powell & Stan Stybeck with prayers for loved ones & other people from listeners worldwide (544 1/7 Bishop-OH)  
 9465 1650 WHRI: EE: W anncr talking about Jesus Christ and the need to have a personal relationship with Him (322 1/7 Bishop OH)  
 9465 1837 WMLR: EE: Non-stop preaching from Elder Jacob O Meyer (333 12/19 Fisher-MA)  
 9485 2048 WHRI: EE: Canned prog "Evangelistic Faith Mission" w/Bedford IN address (343 12/5 Westenhaver-PQ)

9565 0012 LV de la OEA: SS/PP: Afro-Cuban song; into weekly PP segment called "Americas". This should have been the next to last day of b'casting for this station (422 1/2 Westenhaver-PQ)

9575 0414 VOA: EE: News from VOA's African Service (444 12/3 Langlois FL @ 0422 in EE w/a report on Pres Clinton and the questions being raised about his past affairs (333 12/21 Brown IL)

9590 1146 VOA: EE: "VOA Friday Morning" prog w/a response to a listener's question about the first commercial satellite (333 12/17 Brown-IL)

9785 0725 KVOH: EE: Address; Dixieland jazz; phone number for services in Los Angeles (555 12/19 Brown-IL)

9825 0200 WEWN: EE: ID; religious program in EE (555 12/22 Lukas NY)

9840 0430 WCSN: EE: Commentary on pregnant women receiving welfare (444 12/3 Langlois-FL)

9985 0342 WEWN: SS: Woman speaking w/birds chirping in the background (353 12/7 Lukas-NY)

13760 2008 WHRI: Contemporary Christian music by M group (544 1/7 Bishop-OH)

13770 2011 WCSN: EE: Program about Lutherans (433 1/7 Bishop OH)

15420 1709 WRNO: EE: Rush Limbaugh program with talks about ABC news including more coverage of the midwestern US area (544 1/7 Bishop-OH)

15566 2107 WYFR: EE: "Open Forum" program with talks about the Second Coming of Jesus Christ (544 1/7 Bishop-OH)

15590 1613 KTBN: EE: Kenneth Copen Ministry program, which is based in Texas (544 1/7 Bishop-OH)

16875 1808 KVOH: SS: M w/talks over "We Are Standing On Holy Ground"; terrible preaching; ID; // 17775 (555 12/15 Thompson CA)

17775 1617 KVOH: SS: Christian programming in SS (555 1/7 Bishop OH)

18930 1500 WEWN: EE/SS: IS; ID & freqy information; into prog in SS (444 1/1 Bellovich-FL)

#### VENEZUELA

4830 1057 R. Tachira: SS: M w/talks; fast paced Lat Am music (pr-fr 12/26 Famularo-Japan) @ 0206 in SS w/canned "R Táchira" ID; into more Lat American music (433 1/3 Bishop-OH)

4970 0347 R. Rumbos: SS: Many "doorbell" IDs--I counted 12 doorbell rings in a single minute--give it a rest, guys!!! (343 1/1 Froemming-AZ)

4980 0330 Ecos del Torbes: SS: ID; prog of typical Lat Am music (444 1/1 Froemming-AZ) @ 0300 in SS w/talks in SS; male vocal music; ID (545 12/24 Cleveley-NY)

9660 0422 R. Rumbos: SS: M & chorus singing pop music; ID by W (555 12/14 Newbury-NE) @ 0350 in SS w/ID & freqys (323 12/22 Cleveley-NY)

**FILL THAT GAP!** The envelope containing the CDE material for this column was chewed up by a postal machine. I think most of the loggings did arrive here intact, but if you sent loggings to this column via John Bellovich and they aren't in the column, the postal authorities have assumed full responsibility. They tell me that this sort of thing happens occasionally since they handle about 35 billion pieces of mail per year...also, I understand there were some contributor's envelopes which reached John Bellovich, our CDE after his deadline, the 5th, though they were mailed in what should have been sufficient time to get there by then...Bill Westenhaver & I have discussed KWHR, Hawaii, and since my dog Augie is afraid to fight his Albert, it has been agreed that all loggings of this new station will be included in Bill's Asia/Oceania column.

Ralph Famularo, who lives in Japan, drops a note saying that in the past few years he has met an Italian businessman & a Japanese professor who both commented that if they hadn't actually been to the US that both fo them would have thought that everyone in America was insane--due to that wonderful "news" program "Inside Edition". Just another benefit of satellite television, Ralph dryly notes.

On World of Radio # 729, Glenn Hauser discussed the FCC raid on the ship "Fury" which was nearly ready to sail for, reportedly, off-shore Belize. On 1/25 @ 0200 UTC on WHRI 7315 on "Scriptures for America", Pastor Pete Peters talked live on the telephone to Brother Stair for his understanding of the incident and comments.

By popular demand, RCI has returned "Royal Canadian Air Farce" and "Double Exposure" on local Saturday nights (UTC Sundays) @ 0300 on 6000 and 9755 khz. The humor might be too local for some, but it is very clever.

In case you noticed, last month's bulletin should have said "January" on the front cover, not "March". I goofed!

Until nex month remember to have fun with your radio! 73s and good DX





# EUROPE

Tim J. Johnson  
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*Well here's my first column. I sure hope I do as good a job as Bob did!*

## ALBANIA

11840 0149 R. Tirana: EE: //9580; M announcer w/"some Albanian light music", ugh! Station ID. (434 12/17 Bellovich-FL)

## AUSTRIA

9655 0130 R. Austria: EE: Nx item regarding letter bomb & moment of silence for the victims. (32442 12/8 Newbury-NE) @ 0131 w/yet more on letter bombs, reaction to GATT agreement. (433 12/14 Brown-IL)

## BELGIUM

5910 2223 R. Vlaanderen Int: EE: W w/ID & address, IS & s/off. (222 12/16 Bellovich-FL)  
17550 1415 R. Vlaanderen Int: EE: Nx, discussion of European acceptance of NAFTA & interview w/expert of Australian wine as compared w/French wine. (34422 12/19 Newbury-NE)  
17590nf 1409 R. Vlaanderen Int: EE: "Radio World" incld. mention that the evening b.cast to N. AM. will move to 5900 kHz. (This freq. ex-17555 - the change certainly helped avoid DW-17560 QRM!) (444 12/4 Westenhaver-PQ)  
21810 1400 R. Vlaanderen Int: EE: Domestic & int. nx, "Radio World" & Belgian tourism. (354 12/25 Card-RI)

## BULGARIA

7455 0145 R. Bulgaria: EE: Station ID; political nx. (12/10 McGuire-MD)  
9700 2340 R. Bulgaria: EE: Program "From School to Campus." (433 11/30 Johnson-IL) @ 0145 w tips for DXers & DX notes. (42343 12/12 Newbury-NE) @ 0620 in EE: feature on Bulgarian folk mx (AA like vocs.). (fr 12/8 Famularo-JP) @ 2300, w/world nx, commentary. (323 12/22 Clevelley-NY)

## CROATIA

5895nf 2348 Croatian R: Croatian: Elevator mx instrumentals & a couple of EE vocals (e.g. "Close to You"); elongated TP at 0000; ID & 2 minutes of nx; then into Herb Alpert mx. Hadn't heard them here before. (243 1/1 Westenhaver-PQ)  
5920 2200 Croatian R: EE/CR: ID's, "Guarding The Croatian Heritage", mx w/male vocalist. (545 12/9 Robinson-TN) @ 2205 w/war nx; Islamic Aid Organization sends condolences to Croatia for the massacre of Croat citizens by Moslem fundamentalists in Algeria. (323 12/18/93 Bellovich-FL) @ 2205 in EE: Nx on Bosnia cease fire violation. Switched to Croatian at 2207. (343 12/26 Johnson-IL)  
9830 0705 Croatian R: EE: ID, nx; mainly about fighting in Bosnia. (323 12/23 Millard-TX)  
13830 1829 Croatian R: Croatian: Nice women's choir mx and domestic mx. (343 1/9 Johnson-IL)

## CZECH REPUBLIC

5915 0357 R. Prague: Multi-lingual ID's & IS. (232 12/18 Johnson-IL)

(continued on next page)

### CZECH REPUBLIC (continued)

- 5930 0010 R. Prague: EE: Political & economic nx. (12/9 McGuire-MD) @ 0359 in EE w/ID-IS sign-on, freq. announcements. (433 12/21 Johnson-IL)
- 6055 0700 R. Prague: EE: IS-ID; Nx w/items on trade & the financial woes of Czech Airlines. (322 12/17 Johnson-IL)
- 7265 2230 R. Prague: EE: Light instrumental mx, ID. (34343 12/22 Cleveley-NY)
- 7345 0107 R. Prague: EE: Nx; Czech prime minister visits Israel and right wing extremism in the Czech Republic, very interesting. (434 12/17 Bellovich-FL)

### FINLAND

- 11735 1253 R. Finland: EE: Program "Closeup" w/feature on radioactive waste. (444 11/25 Johnson-IL)
- 17740 1430 R. Finland: EE: IS, ID by w. Nx: Finland's private nuclear companies will send nuclear waste to Russia in spite of government disapproval. (5x5 12/25 Newbury-NE)

### FRANCE

- 6175 2235 RFI: Polish: //7135: Woman w/talk, Polish mx. (343 12/26 Johnson-IL)
- 9800 2228 RFI: FF: Pop mx including ABBA's "Dancing Queen" (333 12/26 Johnson-IL)
- 11975 1600 RFI: EE: //11705: Nx: European, French and world nx including Mandella speech in S. Africa. (44433 12/10 Newbury-NE)

### GERMANY

- 6005 0720 RAIS: GG: Discussion on the situation w/N. Korea. (222 12/9 Millard-TX) @ 0230 in Italian, two men, ID "Radio American dzonie" (43443 11/28 Newbury-NE)
- 6045 0500 DW: EE: Nx; French minister asks U.S. to intervene in Bosnia, unemployment reaches 3.7 million people. (333 1/4 Brown-IL)
- 6085 2215 Bayerischer Rfunk: GG: Polkas, and more modern GG mx; lots of violins and accordions; W announcer. (343 12/26 Johnson-IL)
- 6085 0105 DW: EE: Economic News. (12/15 McGuire-MD)
- 9730 2215 DW: GG: Two men talking. (23442 12/30 Newbury-NE)
- 11840 0753 VOA: AA: Nx, incld. Warren Christopher in M-east, "Huna Washington"; EE ID & sign-off announcement. (fr-gd 12/8 Famularo-JP)

### GREECE

- 7430 2038 RK Makedonias: Greek: M w/ID's, phone conversations & selections of Greek music. (fair-good 12/22 Clar-NY)
- 7450 0456 VOG: EE/Greek: ID's in EE & Greek; "You are listening to the Vo. of Greece." (232 12/28 Johnson-IL)
- 9380 0000 VOG: EE: W announced ID, folk mx, IS. (545 12/24 Cleveley-NY)
- 9420 0130 VOG: EE: ID & nx; the former Yugoslav Rep. of Macedonia's use of the name "Macedonia" dominated the nx. (333 12/18 Bellovich-FL) @ 0105 //9380 w/holiday songs, some in EE. (555 12/27 Streltmatter-IN)

### ICELAND

- 11402 2300 Icelandic Nat. Broadcast Service: Icelandic: M w/ID; nx & commentary reports. (323 12/22 Cleveley-NY)
- 15770 1432 Icelandic Nat. Broadcast Service: Icelandic: Male announcer w/nx cast, female reporter on location. (343 11/26 Johnson-IL)

### ITALY

- 6005 0105 RAI: EE: M w/nx of FBI official's visit to Palermo, Sicily to help fight the Mafia. (323 12/14 Bellovich-FL) @ 2335, Italian: w/program of non-stop music. (554 12/23 Fraser-MA) @ 0100 in EE: Nx; politics, economic recovery & internal affairs. (444 12/21 Johnson-IL)
- 15225nf 1903 RAI: Italian: Italian music, M w/ID at 1905 followed by bird chirp IS and off 1906. Not listed here in P.W.B.R. '94. (343 1/9 Johnson-IL)

## LUXEMBOURG

15350 1650 R. Luxembourg: GG: American oldies from Fats Dominoe, Cat Stevens, The Monkees, Elvis, and even the theme from "Hawaii 5-0" (322 +5 QRM from WYFR, 12/26 Johnson-IL)

## MALTA

6085 0200 DW: EE/SS: ID in EE w/"Relay station in Malta." Followed by program in SS. (43443 12/28 Newbury-NE)

## NETHERLANDS

5955 1535 RN: EE: End of "Happy Station" w/Frank Sinatra song. (fr 12/12 Famularo-JP)

11655 1820 RN: AA: M annc; AA mx, typical styles. (333 1/9 Johnson-IL)

13700 1841 RN: FF: African nx; mentions of African place names. (444 1/9 Johnson-IL)

## NORWAY

6120 2310 R. Norway Int: EE: Discussion of oil in Norway, OPEC debate on oil prices. (12/12 McGuire-MD) [S/O? ...ed.]

11850 1530 R. Denmark: Danish: ID's in EE/Danish, IS & nx read by woman. (444 12/8 Johnson-IL)

15335 1330 R. Denmark: Danish: EE ID, "You are listening to R.D. Copenhagen." Danish to N. America freq. information. (545 12/5 Robinson-TN) @ 1730 w/ID's in EE/Danish and IS into Danish nx program. (242 1/9 Johnson-IL)

## POLAND

9525 1305 Polish Radio: EE: "You are tuned to Polish Radio, Warsaw." Talk of Polish daily life - trumpet fanfares. (444 11/30 Robinson-TN)

## PORTUGAL

6130 0205 DW: EE: "European Journal" - feature on the high cancer rate in New Caledonia caused by French mines there. (444 12/7 Lukas-NY) @ 0245 in EE: w/discussion of the PLO & peace. (12/8 McGuire-MD)

6140 0437 VOA: EE: A report on China's use of forced labor in making toys. [GI Joe & Barbie, those American institutions, are two of these toys - according to the AFL-CIO ...F.Y.I. - ed.] (222 12/19 Brown-IL)

9635 2222 R. Portugal Int: PP: //9600//9705: Mx w/child vocals, holiday mx. (343 12/26 Johnson-IL)

9570 0235 R. Portugal Int: EE: Woman w/nx, ID & freq. info, into DX prg. w/tip on Vo. of Malta. (434 12/18 Bellovich-FL)

9670 0136 DW: EE: Larry Wayne's "Random Selections" (I really should listen to this more often!); closing anmts; PP site ID @ 0150\*. (343 1/3 WW-PQ) [Some of you might remember Mr. Wayne as one of my better "Profiles" a couple of years ago...ed.]

11770 1810 R. Free Europe: Bulgarian: Off beat mx prg, sort of 'New Wave' styles. (333 1/9 Johnson-IL)

15200 1900 R. Portugal Int: PP: Sports play by play, most likely football, 2 men. (444 1/9 Johnson-IL)

15515 1530 R. Portugal Int: EE: Woman w/ID, "Challenge of The '90's." (333 12/8 Langlois-FL)

17865 1750 VOA: RR: Two M talking (nx feature?), many mentions of America & President Clinton. (333 1/9 Johnson-IL)

## ROMANIA

11940 0415 R. Romania Int: EE: Talk on the history of Christmas in Europe; Romanian hymn, ID. (gd-pr 12/6 Famularo-New Zealand)

## SLOVAKIA

5930 0115 R. Slovakia Int: EE: Cultural feature. (12/12 McGuire-MD)

7345 1945 R. Slovakia Int: EE: Feature on Christmas customs in rural areas. (343 12/25 Fraser-MA)

11990 1300 R. Slovakia Int: Slovak: Vibraphone IS, M w/ID's, brief nx, Slovak songs; wildly fluctuating signal. (gd-pr 12/6 Famularo-JP)

## SPAIN

- 7155 1928 R Liberty: RR: M "R. Svoboda" ID; talk on Ukraine & communists. (gd 12/31 Famularo-New Zealand) [*P.W.B.R. '94 has this from Playa de Pals, Spain -ed.*]
- 9540 0030 Spanish Foreign R: EE: Station ID & national nx. (12/5 McGuire-MD) @ 0100 w/"Churches Hot Line," 190 persados for 3 minutes. (444 12/1 Langlois-FL) @ 0550 in EE: Spanish Christmas mx. (343 12/26 Johnson-IL) @ 0100 ID, nx & comment. (545 12/22 Cleveley-NY)
- 11890 0830 R. Exterior Espania: SS: //15110 (pr): Children chanting Christmas lottery numbers past 0900. (fr-gd 12/22 Famularo-JP)
- 15380 1742 R. Exterior Espania: SS: Sports play by play, football I guess; two M ann's. Mentioned Valencia several times. (343 1/9 Johnson-IL)

## SWEDEN

- 15240 0343 R. Sweden: EE: Report on violence against foreigners in Sweden. (333 12/11 Brown-IL)

## SWITZERLAND

- 6135 0415 SRI: EE: World and Swiss nx. (12/9 McGuire-MD) @ 0417 w/report on Montreaux - tourism, jazz festival, jazz mx, ID. (433 12/12 Brown-IL)
- 9860 0405 SRI: EE: //9885(fr-gd): Rpt. on limited money Iraq has paid as war compensation, ID, Swiss nx. (fr-gd 12/28 Famularo-New Zealand)
- 9885 0400 SRI: EE: ID, nx; cease fire in Bosnia, 4 people killed in violence in Argentina, a report on Clinton. (444 12/16 Brown-IL)
- 13635 2004 SRI: EE: //12035: Nx by w; diplomatic flap between France & Switz. over the French repatriation of an Iranian terrorist wanted for murder in Switz. (222 1/1 Bellovich-FL)

## UNITED KINGDOM

- 3955 0328 BBC: EE: Sports w/scores from U.S. NFL games. (343 12/27 Johnson-IL)
- 6025 0507 R. Japan: EE: Nx; voting in Yugoslavia, Japanese steelmakers are interested in Vietnam. (333 12/12 Brown-IL)
- 6040 1934 VOA: EE: Rpt. on AIDS & new strain of tuberculosis; poss. of eradicating polio world-wide. (253 12/31 Famularo New Zealand)
- 6195 0424 BBC: EE: "The Farming World"; a report on farming around the world; ID, prg. notes. (222 12/29 Brown-IL)
- 7325 0000 BBC: EE: "It's officially the New Year UTC! Big Ben just chimed 12 times and I've just opened up a bottle of Guinness Extra Stout! [*Sounds great, I only had a couple MGD's, myself!*] (545 1/1 Bellovich-FL)
- 9410 1930 BBC: EE: "In Search of the Green Man." [*That was me New Years morning, hi! - ed.*] (454 12/24 Fraser-MA) @ 1645 w/"The World Today" on the Czech/Slovakia "velvet divorce" one year after. QSB-but good this for this time of day! (343 12/31 Westenhaber-PQ)
- 9555 1435 R. Canada Int: EE: News, weather, sports, "Weekday Magazine." (444 12/1 Robinson-UT)
- 9825 1851 BBC: RR: Song "Lets Face The Music" (Sinatra), M announcer, later played some opera. ID on hour. (333 1/9 Johnson-IL)
- 13660 2131 BBC: EE: "Calling the Falklands," talk on David Attenborough's new film on Antarctica. (333 12/31 Bellovich-FL)
- 21590 1058 BBC: Indonesian: BBC tonic IS; Big Ben chimes, ID; WRTH '93 list this w/out indicating Far Eastern relay...still, it seems odd to b.cast direct from U.K. to Indonesia. (pr-fr 1/2 Famularo-New Zealand) [*P.W.B.R. '94 lists this b.cast as originating from Woolerton - does seem a bit odd though, doesn't it? ...ed.*]

## VATICAN CITY

- 5882 0524 Vatican R: Unid. lang: Sounded East European. Christmas mx in same lang. including interesting version of "O Christmas Tree." (242 12/28 Johnson-IL)
- 6095 0305 Vatican R: EE: Story about Rome, ID. (12/8 McGuire-MD)
- 7305 0205 Vatican R: EE: S/on; "This is the EE prog. of Vatican R." (343 12/17 Bagozzi-CA)

(continued on next page)

## VATICAN CITY (continued)

9605 0112 Vatican R.: SS: ID w/prog. in SS. (12/11 Newbury-NE)  
15095 2030 Vatican R.: EE: M & W ann'cs. Commentary on crime in the streets. (444 12/8  
Langlois-FL)

## YUGOSLAVIA

6190 0125 R. Yugoslavia: EE: W singing, ID by W & IS. (53443 11/23 Newbury-NE)  
@ 0100 in EE: ID's, "Kindergartens in Belgrade...children are depressed."  
(545 12/9 Robinson-TN)  
9580 0100 R. Yugoslavia: EE: M announcer, world nx & commentary. (323 12/22  
Cleveland-NY)

*How'd I do? Please write if you have any comments or suggestions.*

## About me

*I'm just going to save myself a little time and repeat the same autobiography (with one or two minor changes) that I wrote two or three years ago the first time I did a column for this fine publication. Also, a couple of my fellow editors suggested I use it again for those who missed it the first time. Every word is absolutely the truth, I swear! So lets turn back the hands of time to yester-year...(Bill, I hope your not eating Cheerios.)*

It all began nearly thirty-two years ago. It was a warm July evening and there wasn't a cloud in the sky. The wife of an employee of the local power company had just given birth to the handsomest male child the world had ever seen. The family rejoiced at their good-fortune, while the nurses swooned at the sight of the man-child. Even then he possessed an incredi...What? - make it shorter! Oh, the story is too long...O.K., but you'll miss all the good stuff...

Back when I was a young boy in the '60's, I admit spending an inordinate amount of time in front of the TV set. Personally, I couldn't wait to see each weeks episode of *Star Trek*, *Voyage to The Bottom of The Sea*, and *Lost In Space*. One of my most vivid memories from childhood was watching Neil Armstrong take that "giant leap for mankind" on the face of another world. This sparked my imagination and like most children; it fed my world of make-believe.

The house I grew up in was a plain, two story affair sandwiched between the Little League park and the Burlington Northern Railroad. In our basement, we had a Zenith console radio from circa 1939, I believe. It had the familiar round, black dial face complete with the lightning bolt product emblem common to the breed. It had a glowing green light at the top of the dial as well as two banks of push buttons on either side. Since my imagination was already with Mr. Spock somewhere on the lunar surface; it was only natural that I would believe the old set was the bridge controls to *my Starship Enterprise*. Just by turning the dial, I could hear all sorts of blips, beeps and alien voices. I don't really recall when, but somewhere along the line I actually began to listen.

One day, I was about twelve I think, I came across a book at the local library titled *The Shortwave Listener's Handbook*. I was intrigued by a chapter in this book on TV DXing. When I got home, I gave it a try. Tuning to channel two, I was surprised to find a station fading in and out there. To my amazement, the station identified itself as WBRZ Baton Rouge, LA! Thus a DXer was born.

Since then I've dabbled with mediumwave DX and have been an serious shortwave DXer for around five years, though I've listened to shortwave on and off during most of my life. By occupation I belong to the Int'l. Brotherhood of Electrical Workers and work mainly industrial and commercial construction. I've got two cats (Og and Fred), a forty gallon aquarium, and I drive a Ford pick-up truck. I also like to play darts, watch the Chicago Bulls, and play a board game called Risk. I also like "playing" with my computer.

## Closing Notes

You can catch daily English reports on the Lillehammer Olympic Games from R. Norway International twenty-five minutes into each broadcast from Feb. 12th to the 27th. (From W.O.R.) I currently have R. Norway listed on: 9675//11925-0000 to 0030, 6120//7165-0200 to 0230, 6115-0300 to 0330, 15175//17740-0800 to 0830, 17840//21705-1000 to 1030, 9590//11860- 1800 to 1830, 9590-2000 to 2030, and on 6120-2300 to 2330. (Info. cross-referenced and compiled from MT, P.W.B.R. '94 and W.O.R.) Go USA!

*Well, that's all for this month, until next time...73's.*



## THE COMMONWEALTH

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

**BRUCE ROBINSON**  
**6533 Daffodil Way**  
**West Jordan, Utah 84084**

I hope all of you SPEEDXers are surviving the cold winter that has hit the east!!! Personally, I've rather enjoyed the 50-55 temperature that we've had this past week!!! (I know I shouldn't rub it in, but ...!!!)

### COMMONWEALTH

- 2952 1424 R AUM SHINRIKYO JJ: 2 X 1476 MW, little bits of dramatic classical mx fading in and out on harmonic between tune in 1424 and 1457 w/promo for Aum Shinrikyo w/Tokyo address and phone #. Distorted audio on fundamental and harmonic (unupr 12/7 Famularo-JP) Ralph, I USED to envy the East Coast American listeners for their loggings, but now I'm beginning to wish I lived in Japan!!!
- 4810 1159 R MOSCOW RR: IS, W w/nx (242 12/7 Johnson-IL)
- 4825 0202 YAKUIT R RR: ID, then into mx--QRM w/R Ukraine and 2 Brazilian stns on same freq (222 1/3 Bishop-OH) Nice for you to be able to pull this one out of the QRM, Forrest!!!
- 4825 0120 R UKRAINE EE: ID, nx, into feature re: advantages to foreign businesses investing in Ukraine (fair, w/QRM 12/15 Clar-NY)
- 5061nf 0758 R MOSCOW RR: Lite mx, RM IS 0800, 6 tps, M/W w/nx. Checked to see if this was a spur but CIS stns on 4860 and 5015 were NOT //5061. Any ideas as to QTH? (poor 12/15 Famularo-JP) They are not listed in PWBR and I haven't rec'd my '94 WRTH-anybody help out there??? (br)
- 5905 0758 R MOSCOW RR: S/off w/frq and ID amnts, IS and off at 0800 (322 12/27 Johnson-IL) #0630 No RM heard, but rather a W reading number groups in EE (333 1/19 Robinson-UT)
- 5930 1530 R MOSCOW EE: "The Weekend Show" hosted by Robert and Estelle. MX: "Pretty Woman", "My Girl", ID sounding like a US rock station //7250 (55544 12/11 Newbury-NE)
- 6025 1200 R TASHKENT EE: IS, ID, s/on amnt, fuzzy audio, W w/nx, feature of Uzbek mx (fair 12/11 Clar-NY) Regional mx, ID #1222, comment abt Uzbekistan (233 12/5 Hankison-KS)
- 6155 1520 R ALM ATA EE: Tlk on privatization in Kazakhstan, indigenous stringed mx, M ID/Address, co-channel QRM (poor 12/7 Famularo-JP)
- 6185 2300 R MOSCOW SS: IS, ID, into world nx read by M (454 12/14 Fraser-MA)
- 7105 0340 R DNIESTER INT EE: Tlk of Moldova seeking to enter Common Market (323 12/27 Pasquale-PA) Congratulations, Denis!! (Denis sends along a partial address: Radio Dniester International, 26 September St., Kiraspol, Republic of Pnestrovia, C.I.S.)
- 7105 0330 R MOSCOW EE: Nx followed by a children's story. R Dneister had been carried at this time and freq until 1/1/94 (333 1/3 Pasquale-PA) #0421 "News and Views"; #0430 "Radio Aum Shinrikyo" incl my favorite hymn by Master Asahara--"The One Who Has Awakened To The Truth" //7165 w slight co-channel QRM (343 12/10 Westenhaver-PQ) Bill, you ought to record The Master, and then play his hymn backwards!!! Puts them in a whole new perspective!!! (hil1-br)
- 7150 0030 R BELARUS Beylorussian: S/on w/organ IS, nx (?) (333 12/15 Hankison-KS)
- 7150 2237 R MOSCOW EE: Profile and mx of award winning Russian classical guitarist //9550,9750,12050 (424 12/18 Bellovich-FL)
- 7165 0130 R MOSCOW EE: Jazz show featuring a lot of good SAX (I said SAX--hil!!) (444 12/27 Pasquale-PA) #0307 Nx, GATT tlks in Geneva, VP Gore in Moscow (433 12/16 Johnson-IL) #0300 Nx, "New Market" //7180 (434), 5940 (545) (534 1/4 Hogan-NC)
- 7180 2105 R MOSCOW EE: Nx abt upcoming elections; nx abt Georgian and Bosnian civil wars (12/9 McGuire-MD)
- 7195 0109 R UKRAINE EE: Ukrainian politics, interviews (433 12/21 Johnson-IL) #2214 "Review of the Ukrainian Press", into px abt upcoming elections (333 12/21 Bellovich-FL) IS, ID, nx

7260 1503 R MOSCOW EE: Rpt on kidnappers enroute to Iran, by helicopter (555 12/25 Bagozzi-CA) Anybody else notice that RM and R Australia are using some of the same freqs at the same times?? I hear RA here until 1500, when RM dominates; same thing on 9580 (br)

7340 1313 D WELLE via Novosibersk GG: M tkl, IS, W "Deutsche Welle" ID, more M tkl (fair 12/8 Famularo-JP)

9540 1210 R TASHKENT EE: Disc of Pres Clinton's upcoming visit to Russia (323 12/29 Pasquale-PA) ID, freq info, mx w/percussion vocals, "...Radio Tashkent, good-bye, everybody" (555 1/8 Robinson-TN)

9550 1915 R MOSCOW EE: "Commonwealth Update" w/regional nx (554 12/22 Fraser-MA)

9620 2241 R MOSCOW EE: "Moscow Mailbag" w one question of KGB atrocities--thousands of ex-KGB executioners are alive and well, but will never stand trial for fear of a blood bath! (423 12/16 Bellovich-FL)

9790 1735 R TASHKENT AA?: Arabic mx, W tkl in AA-type language, nx briefs w/bars of AA mx) (34453 11/25 Newbury-NE)

9810 0947 R NEDERLAND via Irkutsk: "Happy Station" w/listener's congratulations on the show's 65th anniversary, incl a letter from SPEEDXer Steve Willers in Switzerland (242 12/12 Westenhaver-PQ)

9860 2252 R UKRAINE EE: W w/ID, letters from listeners, musical dedications (333 12/11 Bellovich-FL)

10344USB0352 R YEREVAN EE: Nx, freq sked, s/off #0358 (143 12/29 Hogan-NC) This is the E Asian feeder (br)

12050 0120 R MOSCOW EE: "Focus on Asia and Pacific", Vietnam fights corruption, "News in Brief": elections-- 1st time since 1917 //15425(555 12/11 Newbury-NE)

15175 1220 R MOSCOW EE: "News and Views" w/cmtry on Afghanistan, Yugoslavia, and Cambodia (433 1/4 Hogan-NC)

15195 0027 R UKRAINE GG: W tkl in GG w/freq, sked, then into GG pop mx. (433 1/7 Bishop-OH)

17760 1505 R MOSCOW EE: W w/ID and nx: Serbian Pres. predicts peace in Bosnia in 1994 (I didn't see his predictions in the "Enquirer"-hill br) //15540,15550 (both weak) (444 1/1 Bellovich-FL) I hear RM under much stronger WYFR at my QTH, John (br)

#### LITHUANIA

7150 0005 R VILNIUS EE: Nx, ID #0008, into commentary and interview; ann demise of SW service as of 1/1/94 (333 12/15 Hankison-KS) Gov promises funds to keep R Vilnius on air, discussion of 3 Baltic countries building a transmitter together (333 12/31 Pasquale-PA) Political and economic nx (12/7 McGuire-MD) Nx, rpt on Baltic relations incl Latvia and Estonia (423 12/23 Hogan-NC)

Bob Thunberg sent me the following sked he received direct from AWR: These pertain to the Novosibersk relay only!

|      |      |                 |               |
|------|------|-----------------|---------------|
| 1200 | 9835 | Mandarin*       | To NEC        |
| 1300 | 9835 | KK/Mandarin*    | To Korea, NEC |
| 1400 | 9835 | JJ/Mandarin*    | To Japan, NEC |
| 1500 | 9835 | Mandarin        | To NEC        |
| 1600 | 6150 | Hindi/Mandarin* | To NIN,WCH    |
| 1700 | 6150 | EE/Mandarin*    | To NIN,WCH    |
| 1800 | 6150 | Bang/Mandarin*  | To BAN,WCH    |
| 1900 | 6150 | RR/Mandarin     | To KZH,WCH    |

I also received the following note from Mike Fanderys that is exciting news!!:

Just received a letter today (Jan 15th) direct from Radio Tallinn, Estonia which states that Estonian Radio has returned to shortwave service as of Jan 4 1994.

5925 kHz English, Monday, Thursday 2000-2030 GMT.

So far I haven't been able to log them, but maybe you guys on the East Coast will have better luck!!!

Until next month HAVE FUN. ENJOY YOUR RADIO. LIVE LIFE!!!

*Bob Thunberg*





# AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

Where to start? We all seem to be musically inclined this month. I know I've been moved to ponder some weighty questions: Should I give all this up to open a music shop in Algiers? Who does play the world's most boring music? And why doesn't the local record store stock any Ukranian rap acts? I'll check the loggings, maybe I'll find some answers here!

## ALGERIA

- 9685 1830 RTV Algerienne: FF: Nice AA mx- not the loud, hair curling, fingernails draggin' on the blackboard stuff you normally hear (242 12/20 Johnson-IL)
- 17745 1635 RTV Algerienne: FF: W ancr, peppy Afr mx, AA mx, W singing sad-sounding ballad (433 12/25 Newbury-NE)

## ANGOLA

- 9534.9 0500 RN de Angola: PP: Drums, Afr mx, very loud & clear "Luanda", M chorus a capella (333 12/28 Newbury-NE)
- 9720.2 0609 RN de Angola: PP: Afropops, M DJ w/"R Nacional" IDs- NOT //11954.75 which had M tlk (pr-fr 12/8 Famularo-JP)

## ASCENSION ISLAND

- 6005 0431 BBC: EE: Disc of attempts to curb violence at soccer matches (444 12/13 Brown-IL)
- 6110 0030 BBC: SS: M & W present mailbag pgm- //11765 & 15160 also via Ascension (444 1/8 ed.)
- 9600 0445 BBC: EE: M w/world nx- Afr svc (444 12/3 Langlois-FL) GATT talks still unresolved, Chile elections (333 12/11 Brown)
- 9610 0714 BBC: EE: Local QTH for letters, ID, 0745\* (444 12/19 Brown)
- 11820 0440 BBC: EE: Reflections on the year in South Africa, ID & pgm notes, review of the events of 1993 (333 12/31 Brown-IL)
- 15160 2056 BBC: PP: M w/cmtly on situation in Angola, bridge mx, M ID as Afr svc- //11820 (333 1/8 ed.)
- 15260 2032 BBC: EE: Tlk about heart medicine (544 1/7 Bishop-OH) "Jazz for the Asking" w/Ray Charles doing "Hard Times"- great stuff, //11750, 15400 (444 12/11 Bellovich-FL) "Newshour" w/rpt on gun control in the US (444 11/24 Brown-IL)
- 15400 1930 BBC: EE: Tlk of "freedom...developing culture in Eritrea..." mx- kalimba solo (555 12/14 Robinson-TN) "Focus on Africa"- Islamic group in Algeria threatens music cassette dealers w/death for selling "immoral" mx (434 12/24 Bellovich-FL)
- 17880 1852 BBC: EE: Listeners' comments on BBC pgms, QTH, nx of fighting in Kabul, ID (333 1/1 Brown-IL)

## BENIN

- 4870 2240 ORTB: FF: Afr mx w/many drums, FF & EZ mx, 2300 ID, NA & closing (444 12/10 Newbury-NE)
- 5025 0630 ORTB-Parakou: Regional mx w/M ancr- //7190 also heard (233 12/17 Hankison-KS)

## BOTSWANA

- 3356 2303 R. Botswana: Setswana: Big New Years party on the air- on late for New Years Eve- usual UTE QRM (322 12/31 George-MA)
- 7265 0402 VOA: EE: Nx- //7280 also heard w/stronger signal but QRM de RFI (323 12/18 Hankison-KS)
- 7280 0432 VOA: EE: Nx- violence in Libreville, Mozambique tries to implement peace accord, rpt on the UN effort in Angola (222 12/15 Brown-IL)
- 13710 1830 VOA: EE: Kenny G plays "The Joy of Life" (555 12/14 Robinson-TN) Rpt on the genetic mapping of plants, rpt on organic farming, ID (333 12/11 Brown-IL)
- 15445 1814 VOA: AH: M & W w/nx, 1822 ID (222 12/3 Hankison-KS)

- BURKINA FASO  
4815 0652 RTV Burkina: FF/VN: Local string mx (balafon), M w/ID & tlk @0700 followed by more mx- QRN/fading (fr 12/14 Clar-NY) @0530 w/NA, M ancr, drums (242 12/8 Johnson-IL)
- CENTRAL AFRICAN REPUBLIC  
5033.7 \*0427 RTV Centrafricaine: FF: Four-note IS to 0429 s/on, "Ici Bangui, Radio Centrafricaine..." (243 12/27 George-MA) Regional mx, TP & ID @0500 followed by nx (132 12/11 Hankison-KS) Folk songs in FF, M singing w/guitar, Afr drum mx, 2340\* (444 12/14 Newbury-NE)
- CHAD  
4905 0430 RN Tchadienne: FF: IS, NA, into nx (333 12/22 Millard-TX) Simple tune on marimba-type instrument, NA, ID in FF, Afr mx w/native instruments (333 12/12 Newbury-NE)
- EGYPT  
9475 0305 R. Cairo: EE: Station ID, cmtly on President Muhbarek (333 12/11 McGuire-MD)  
9850 1633 R. Cairo: AA: Home svc relay, W ancr w/AA mx, some tlk (333 12/26 Johnson-IL)  
9900 2200 R. Cairo: EE: Domestic & intl nx, Egyptian & classical mx (555 12/25 Card-RI) Nx of Kenya, West Bank, tlk of 60s production (545 12/13 Robinson-KS) W ancr w/AA mx, into nx (333 12/2 Langlois-FL)
- EQUATORIAL GUINEA  
5003.7 2140 RN de Guinea Ecuatorial: SS: Mix of Afr & SS pop mx, full three minute NA, 2157\* (322 12/28 Thornton-NJ)
- ETHIOPIA  
9560 1440 VO Ethiopia: AA: Pgm of regional mx, s/on of EE svc @1500, lost to severe interference @ this time (222 12/4 Hankison)
- GABON  
4880 0425 RFI: FF: EE pop mx, 0430 M & W w/ID, tlk w/pop theme mx every few minutes, 0453 M w/skcd, 0500 W ID into M tlk (433 12/11 Evans-TN)  
9580 2245 ANO: FF: Mixture of mx- contemporary, Afr, modern jazz (444 12/14 Newbury-NE)  
11925 2115 RJ: EE: ID, nx, "Let's Learn Japanese" (444 12/23 Robinson-UT) M w/nx & ID, into pgm of trad JJ mx- QRM de R Marti (322 12/31 Bellovich-FL)  
12015 1632 RFI: EE: S/on of pop mx pgm, ID (212 12/12 Hankison-KS)  
12035 2030 SRI: FF: NX of Palestine, Portuguese elections, Mozambique & Gabon (545 12/13 Robinson-TN)  
15300 2057 RFI: FF: M & W ancres tlk in FF, into weird mx (433 1/7 Bishop-OH)  
15475 1805 ANO: FF: Local nx, 1807 W ID (333 12/3 Hankison-KS)
- GHANA  
4915 2140 GBC-1: VN: M tlk in VN (322 1/7 Bishop-OH) @2305 w/Afr mx in VN, 2330 Christmas carols & organ mx, EE ID, into FF (333 12/4 Newbury-NE) Spanish guitar mx, ID & drums into nx on the hour (242 12/26 Johnson-IL)
- GUINEA  
7125 0604 RTV Guineenne: VN: M singer w/rythmic chant-song followed by a short statement, then more of the same (322 12/17 Johnson-IL) Mx, nx @2350, s/off w/NA, 0001\* (222 12/18 Hankison-KS) Afr mx, M vocalist w/chorus, drums, horn & percussion (434 12/10 Newbury-NE)
- LIBERIA  
4760 0640 ELWA: EE: Rlg pgm- tlk about God's universal love, Christmas mx into ID, local nx & anmts (pr-fr 12/14 Clar-NY) Broadcast of a rlg play (322 12/27 Johnson-IL)
- LIBYA  
15235 2005 VO Great Homeland: AA: M w/(p) rlg tlk- many ments of Allah & Mohammed- //15435 had very poor audio (444 1/10 ed.)

## MADAGASCAR

9605 1750 RN: EE: ID, end of "Newsline" (343 12/29 Robinson-UT) EE svc to Afr- rap mx by Ukranian band "The Dead Roosters" [ah, yes, Bela Biafra- an old favorite of mine!- ed.] (545 12/14 Robinson-TN)

## MALI

4783 0739 RTV Malienne: AA: M reading long text in AA, //4834, 5995 (322 12/27 Johnson-IL)  
 5995 0715 RTV Malienne: FF: Local mx, full ID, into more mx (333 12/9 Millard-TX)  
 11715 2006 CRI: EE: Real nice CC mx (353 12/18 Lukas-NY)  
 15110 2015 CRI: EE: Nx from China, into cmtly (544 1/7 Bishop-NY)

## MAURITANIA

4845 2315 ORTM: AA: M tlc in AA (444 12/25 Newbury-NE)

## MOROCCO

6140 0600 VOA: EE: Reaction to the Russian elections, Yugoslav elections today (333 12/19 Brown-IL)  
 9575 0035 R. Medi-Un: AA: M chanting, no anmts but straight into NA, 0059\* (423 12/27 Streitmatter-IN) [Welcome aboard!] @1918 in FF w/pop mx incl "Chucky's in Love", W ancr (242 12/20 Johnson-IL)  
 15345 1800 RTV Marocaine: AA: W ancr presents AA mx (444 12/10 Langlois-FL) AA mx classics (well, as far as I know they could be!) [Tim, it can't really be called a classic unless it's advertised on cable- ed.] (343 12/26 Johnson-IL) Non-stop M tlc (423 12/1 Hankison-KS)  
 15410 1716 VOA: EE: ID, nx- Golda Meir had covert action against Black September (Israel had no comment), Palestinian man explodes making bomb (433 12/23 Newbury-NE)

## NAMIBIA

3290 0410 NBC: EE: Nx w/interviews of local politicians, disc of situation in Russia (333 12/22 Millard-TX) Soft pop followed by nice piano mx (333 12/27 Johnson-IL) Rock mx w/W vocalist- //3270 (242 12/26 Newbury-NE)

## NIGERIA

4770 2153 RN-Kaduna: EE: Mx pgm, especially rap (252 12/5 Lukas-NY) Mx that sounded like tune "Yellow Rose of Texas"- annoying "clunk" every two to four seconds (342 12/11 Newbury-NE) Old time mx, ID, drums, then nx incl comments by the Minister of Education (333 12/14 Brown-IL)  
 6050 0620 RN-Ibadan: EE: "R Nigeria" ID, tlc on government efforts to develop rural areas, hilife song, 0626 drumming- strong het on freq, //4770 via Kaduna until 0626 which went into M w/PSA (232 12/10 ed.)  
 7255 0632 VON: EE: M w/nx of Nigeria (343 12/17 Thompson-CA) Diabetes control, irrigation in Nigeria (444 12/17 Hankison-KS) ID, pgm notes, mx pgm "African Safari" w/Arthur spinning the mx today (322 12/10 Brown-IL) Political & national nx (333 12/13 McGuire-MD) Pgm anmts, "African Safari" pgm of Afr mx (555 12/11 Newbury-NE)

## RWANDA

6015 0445 DW: EE: Story on controlling grasshoppers, 04455 ID w/freqs, 0450\* (222 12/18 Hankison-KS)  
 7225 0440 DW: EE: Pgm on environmental issues as made visible in futuristic drama "Crocodiles Live on Trees" (544 12/11 Newbury)  
 9610 1545 R de la Rep Rwandaise(t): FF: M ancing soccer match (one team from Abidjan), 1559 drums into one-minute world nx w/ments of Afr QTHs, back to soccer but signal weakened & faded- co-channel QRM de BCC Taiwan (fr-unu 12/12 Famularo)  
 11740 \*1900 DW: EE: M w/nx- Rhine overflows & threatens S Holland, into special Xmas pgm (444 12/24 Bellovich-FL)  
 15340 2010 R de la Rep Rwandaise: FF/SH: "Veilee de Noel" Xmas eve party w/typical RRR mx mix- two M DJs, one FF & one mainly FF w/a bit of SH- on past usual s/off to 2125 tune-out, great to wrap Xmas gifts by! (343 12/24 Westenhaver-PQ) M ancr w/selections of Euro/Afropops in FF, ID & freq info @2058, NA (333 12/18 Bellovich-FL) Nx rpts & features (444 12/1 Hankison-KS)

15425 \*2100 DW: EE: ID, M w/cmtly on right-wing victories in the Russian elections, into GG Xmas mx (444 12/18 Bellovich-FL)

17860 1813 DW: GG: M & W w/nx of French-German relations (444 12/1 Hankison-KS)

**SEYCHELLES**

9700 1715 FEBA: Somali: Somali mx, M ancw w/ments of "Somali" (343 12/16 Johnson-IL)

9810 1518 FEBA: EE: M w/anmts, gospel rock mx- //15330 (433 12/23 Newbury-NE)

**SIERRA LEONE**

3316 0723 SLBS: EE: M ancw w/mellow mx- very weak (242 12/27 Johnson)

**SOUTH AFRICA**

4810 0133 Afrikaans Stereo: AK: Sounded like a soccer game w/two M doing play-by-play (433 1/3 Bishop-OH) Soft jazz, W vocals, followed by choral mx (343 12/27 Johnson-IL) M ancw goes on & on in AK (sounded like play-by-play of cricket) (333 12/18 Hankison-KS) Played some of the most boring mx known to man & played it non-stop as well! (322 12/18 Bellovich)

11745 0515 CA: EE: M ancw w/"Dateline Africa"- Afr nx (333 12/3 Langlois-FL) Afr nx, ID, mx- a tribute to Zambia (222 12/31 Brown-IL)

**SUDAN**

7200 2224 SNBC: AA/VN: Afr traditional mx, nice (433 12/20 Johnson-IL)

9165 1840 SNBC: EE: ID, "Sudan National Broadcasting Corp presents... a weekly pgm about the educational system in Sudan", ments of Khartoum, UTC+2 TC (232 1/1 Thornton-NJ) Cmtly on ME affairs, brief mx @1815, 1816 ID, into tlk about Yassir Arafat- //7200 weaker w/heavy QRM (253 1/1 George-MA)

**SWAZILAND**

6040 0400 TWR: EE/GG: IS, ID "This is Trans World Radio, Swaziland", then GG pgm w/ID (444 12/26 Newbury-NE)

9640 0359 TWR: EE: IS, ID "This is Trans World Radio, Swaziland" (343 12/1 Johnson-IL)

**TOGO**

5047 0640 RTV Togolaise: Lots of tlk by M ancw (222 12/17 Hankison-KS)

**TUNISIA**

12005 1950 RTV Tunisienne: AA: Long dialouge by fast-talking M ancw, then traditional AA mx after top of hour- very poorly modulated, deep fading (322 1/14 ed.)

**UGANDA**

4976 2050 R. Uganda: EE/VN: Pops, rap, & soul mx into M ID & s/off anmt followed by (p) NA to 2100\*, lots of QRM (pr 12/13 Clar-NY) @0420 in EE: ID, W w/local nx stories (232 12/12 Millard-TX)

**CLANDESTINE**

9350.4 1745 VO Human Rights & Freedom of Iran: FS: M & W w/tlk, somewhat distorted audio (353 1/1 George-MA) @0612: M tlk incl ments of "frequency", martial mx/whistling, into more tlk- weak bubble jammer was completely ineffective in LSB mode (fr 12/19 Famularo-JP)

VOA BROADCASTS VIA ASCENSION RELAY

|         |           |     |     |     |      |     |
|---------|-----------|-----|-----|-----|------|-----|
| 6155.0  | 0400-0415 | ASC | 250 | 085 | SOMA | Afr |
| 7105.0  | 0300-0400 | ASC | 250 | 085 | ENGL | Afr |
| 11820.0 | 2000-2030 | ASC | 250 | 027 | ENGL | Afr |
| 15160.0 | 2000-2030 | ASC | 250 | 102 | ENGL | Afr |
| 15255.0 | 1600-1630 | ASC | 250 | 085 | ENGL | Afr |
| 15255.0 | 1630-1700 | ASC | 250 | 085 | ENGL | Afr |
| 15445.0 | 2100-2130 | ASC | 250 | 108 | ENGL | Afr |
| 15445.0 | 2130-2200 | ASC | 250 | 108 | ENGL | Afr |
| 17755.0 | 1630-1700 | ASC | 250 | 055 | SWAH | SA  |
| 17755.0 | 1700-1730 | ASC | 250 | 055 | SWAH | SA  |
| 17830.0 | 1200-1300 | ASC | 250 | 245 | SPAN | SA  |
| 17880.0 | 2030-2100 | ASC | 250 | 055 | FRHA | Afr |
| 21490.0 | 1200-1300 | ASC | 250 | 245 | SPAN | SA  |



# ASIA/OCEANIA

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

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

What a January it's been! Yesterday (as I type this) was the LA earthquake--I hope that all SPEEDXers in the area are OK. Here, it's been "icy-white and crystalline," not to mention frigid. Down in the navel of SPEEDX-land (i.e. NJ), temperatures & precipitation have been up and down, making for a real mess. It's enough to make us all wish that we were in the newest A/O "country" to appear in these pages, i.e. Hawaii!

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## AUSTRALIA

### Radio Australia VLW Wanneroo VLQ Brisbane

- |       |       |  |
|-------|-------|--|
| 6080  | 1208  | RA: EE: Nx of dam breaking in Mongolia (333 12/16 Brown-IL)  |
| 6140  | 1425  | VLW6: EE: 2 W t/k w/inst mx bits; ad for "ABC Shops"; //9610 (pr-fr 12/21 Famularo-JPN) @ 1410 w/world nx; 1cl TC; then EZL oldies (343 12/27 Robinson-UT) @ 1215 w/piece on death of Norwegian explorer in the Antarctic (323 12/29 Pasquale-PA) [The VLW outlets got a one-month reprieve, acct local listener interest, but they'll probably be gone for good by the time you read this.] |
| 9580  | 1102  | RA: EE: Rpts on Hong Kong & West Bank borders (333 12/29 Brown-IL)   |
| 9610  | 1444  | VLW9: EE: Phone quiz on almost every imaginable topic; mx; "720, 6WF" ID; ABC nx @ 1500 (fr 12/14 Famularo-JPN)  |
| 9660  | 0833  | VLQ9: EE: Varied nx rpts incl low motivation syndrome caused by marijuana; "ABC Regional Radio Queensland" ID; // 4920 (pr-fr) (fr-gd 12/8 Famularo-JPN) [VLM & VLQ did indeed disappear for good on 12/17.]   |
| 11800 | 1430  | RA: EE: "Background Report" on Australia's relations with PNG; //9580 (poor) (323 1/1 Bellovich-FL)  |
| 13605 | 1130  | RA: EE: ID's; rock mx by Midnight Oil; "Business Weekly" px; PWBR lists via Darwin (222 12/25 Fisher-MA)   |
| 15425 | 0812  | VLW15: EE: Interview on environmental protection; ID's/TC's; promo for "Statewide Morning File" (gd 12/8 Famularo-JPN)   |
| 15530 | *0859 | RA: IN: Kookaburra/"Waltzing Matilda" IS; W ID; TP for 0900; then M nx (gd-exc 12/7 Famularo-JPN)  |
| 21740 | 2210  | RA: EE: Nx briefs; ID w/time/date (32323 12/26 Cleveley-NY)  |

## BAHRAIN

- |      |      |  |
|------|------|--|
| 9746 | 1351 | RE: AA: Chant/Qur'an followed by t/k & AA mx; @ 1400 ID & more mx; heavy adj-chan QRM (??? 12/1 Clar-NY) |
|------|------|--|

### Bhutan Bcst Service

- |      |      |   |
|------|------|---|
| 5030 | 1430 | BBS: EE: "United Nations Radio" px w/ID; 2 M discussing undernourishment; co-chan Kuching QRM (fr 12/9 Famularo-JPN) [According to a rpt on "WOR" #728, California DXer Ron Howard has heard BBS back on 5025.0 kHz...OK, but did Aunt Bea get her QSL yet??] |
|------|------|---|

## CHINA

- |         |      |  |
|---------|------|--|
| 4800    | 0401 | China National Radio China Radio International<br>CNR-2: CC: M t/k; canned anmts; then W tlks (34443 12/14 Newbury-NE) [Via Shijiazhuang per PWBR] |
| 4875    | 1209 | VO JINLING: CC: M & W alternating reading text, perhaps nx (322 12/7 Johnson-IL)   |
| 7405    | 1515 | CRI: EE: Px on Chinese sports history (444 12/25 Bagozzi-CA)   |
| 7820    | 1045 | CRI: RR: Long M t/k; then W/M CC lesson; //6140 hrd under QRM (242 11/28 Wakefield-IA)   |
| 11800nf | 0105 | CNR-1: CC: Trad CC opera w/mx & clattering instruments; also brief M anmts; //7504 (pr-fr) (fr 12/9 Famularo-JPN)                                  |

**CYPRUS** BBC WS relay Cyprus Bcst Corp  
6180 0507 BBC: EE: "Newshour" on the new French budget (333 12/10 Brown-IL) @ 0508 w/nx of PLO infighting (222 12/28 Johnson-IL) @ 0415 w/"Coast to Coast" px of pop songs abt US places (232 12/19 ed.)  
7125 \*2215 CBC: GK: IS; M w/stn ID; W t1k/nx (333 12/31 Bellovich-FL)  
9660 1437 BBC: EE: "Off the Shelf" w/Ed Asner reading a story by James Thurber (353 12/16 Lukas-NY)  
11780 0720 BBC: EE: Summary of UK nx (333 12/16 Millard-TX)

**FRENCH POLYNESIA** RFO Tahiti  
11827 0320 RFO: TAHITIAN/FF: Continuous Christmas mx, incl "O Holy Night" on a Hawaiian guitar (323 12/24 Pasquale-PA)  
15168 0315 RFO: Island mx; then "Whirlpool commercial" (323 12/1 Pasquale-PA) [The Maytag repairman would love Tahiti.-hi!]

**GUAM** KSDA  
9650 1355 KSDA: JJ: JJ t1k; @ 1359 multilingual ID's to 1400\* (222 12/4 Hankison-KS)

**HAWAII** KWHR  
9930 1200 KWHR: EE: M "This is KWHR"; bcst sked & ment of QSL's for this test xmsn (333 12/20 Fisher-MA) @ 1410 w/"Onward Christian Soldiers"; M ID; 1st-day QSL offer; gave address as P.O. Box 12, South Bend, IN 46624 [same as WHRI] (fr-gd 12/21 Famularo-JPN)  
13720 2128 KWHR: EE: "Onward Christian Soldiers" again; M gave antenna info & phone no. w/ID (fr-gd 12/21 Famularo-JPN)  
17510 0230 KWHR: EE: Test xmsn w/ID; times/frqs; South Bend address (444 12/19 Millard-TX) [Some may have sent their KWHR logs to Don, but since Hawaii's west of Tahiti, they come here.]

**INDIA** All India Radio  
4860 1231 AIR: EE: W reading nx w/many ments India in rpt of some kind of investigation; weak but audible (232 12/28 Johnson-IL)  
9565 1320 AIR: (p)TIBETAN: Mx--chorus of women or children; then M t1k; lang per WRTH (232 12/5 Wakefield-IA)  
9910 1451 AIR: ??: Anmt between filmi duets ment AIR & Pakistan; @ 1457 similar anmt & more filmi mx; no break at hour-top; lang definitely not Urdu (343 1/1 ed.)  
11620 2102 AIR: EE: W nx incl Prime Minister's Christmas greetings; ID; //7412 (weak) (322 12/24 Bellovich-FL) @ 2157 w/M ID; then Indian mx (32323 12/26 Cleveley-NY) @ 1303 in Sindhi w/trad Subcontinent mx--lots of swirling M vocals; //6165 (444 12/5 Wakefield-IA)

**INDONESIA** Radio Republik Indonesia  
4753.4 1500 RRI UJUNG PANDANG: IN: T1k mixed w/mx; heard ments of Jakarta; "time & frq match WRTH; must be them" (242 1/2 Froemming-AZ) [I'd agree, Gary]  
9525 0815 RRI JAKARTA PROGRAMA NASIONAL: IN: M/W tlks; primitive flute + drum mx (sounded South Asian or East African); //9680 (fr) (pr-fr 12/10 Famularo-JPN)  
9545nf 1018 RRI PALANGKARAYA: IN: Nice selection of Indopops; 1027-1030 Qur'an; "constant ID's + references to Palangkaraya"; 80's EE pop mx...@ 1200 had Jakarta nx (//9680); then off 1212\*; overriding co-chan SIBC; "I guess this is one of the new RRI xmtrs" (fr-gd 12/8 Famularo-JPN) [Interesting, Ralph!]

**IRAN** Voice of the Islamic Republic of Iran  
9022 0048 VOIRI: EE: ID; commentaries on the Middle East (221 1/4 Hogan-NC) [Welcome to the column!] @ 0045 w/ID & world nx (333 12/1 Langlois-FL)  
11790 1208 VOIRI: EE: Nx; ID "You have just been listening to the English programme of the Voice of the Islamic Republic of Iran" (333 12/17 Leeman-RI) @ 0110 w/W reading listeners' letters; Mideast mx; ID's (34333 1/1 Robinson-UT)

**IRAQ** Radio Iraq International  
11885 1435 (t)RII: AA: 2 M t1k w/mni ments of Iraq ("I'm not up-to-date on Baghdad, is this Iraq?") (333 12/8 Johnson-IL) [Tim, I'm not 100% sure. They're not listed here in PNWR, but they do move around, and I haven't seen the 1994 WRTH yet.]  
15210 1845 RII: AA: M nx; then into AA mx (333 12/8 Langlois-FL)

[The mail was moving slowly over the Holidays to our CDE in FL, so if your loggings don't appear here, John may not have received them in time.]

- ISRAEL**  
7465 2019 KI: EE: "Calling All Listeners" w/listeners' Holiday greetings (454 12/26 Fraser-MA) @ 2100 in (p)Yiddish w/IS/ID; then: W t1k (545 12/24 Cleveley-NY) [Russell, they've had Russian listed in this time slot for a while now.]
- 11605 0509 KI: EE: Regional wx; px notes; mx...then into a new lang (333 12/31 Brown-IL) [They should have FF de \*0515.]
- JAPAN**  
3925 1520 NSB: JJ: Much t1k from large group of people; //9595; 3925 had some ARO QRM (2323 1/2 Froemming-AZ) @ 0805 w/what sounded like a newscast (222 12/27 Johnson-IL)
- 6145 0743 RJ: RR: Multilingual ID's; inst mx; into RR px (333 12/27 Johnson-IL) [It is direct, not the Skelton relay.]
- JORDAN**  
9560 1702 RJ: EE: Nx w/emphasis on Mideast; ID @ 1705 (353 12/19 George-MA) @ 1600 w/nx of PLO delegation being sent to Amman (323 1/1 Pasquale-PA) @ 1522 w/discussion on Mideast peace tlks & Palestinian autonomy (343 12/8 Johnson-IL)
- KOREA, D.P.R.**  
9977 1625 RP: FF: T1k mixed w/mx; //9640, 9345, plus a very weak signal on 6576.1 (343 1/2 Froemming-AZ)
- 11335 0034 RP: EE: "The longevity of the working people is 74.5 years; the income and cultural life has increased rapidly" etc., etc.; //13760 (323 12/10 Bellovich-FL) @ \*2300 in SS w/IS/ID; then W t1k (343 12/22 Cleveley-NY)
- 11700 2320 RP: EE: "Political/ideological rhetoric extolling the greatness of the Dear Leader & the dearness of the Great Leader" (322 12/2 Hankison-KS) @ 2300 w/the Great Leader's 10-point plan of unification (333 12/5 Pasquale-PA) @ \*2300 w/sign-on routine, W/M nx (343 12/22 Cleveley-NY) [But did they mention Mrs. Kim Il-Sung? Of course not! And, has anyone ever figured out why not??]
- KOREA, REPUBLIC OF**  
15575 0100 RK: EE: T1k abt ancient artifacts discovered under a rice paddy (323 12/29 Pasquale-PA)
- KUWAIT**  
9840 1909 RK: AA: Px of AA mx w/M anc; "Huna al-Kuwait" ID (343 12/20 Johnson-IL) @ 2130 w/t1k ment Kuwait & Iraq; ID (32323 12/22 Cleveley-NY)
- 13620 \*1800 RK: EE: S/on w/time tone/anthem/ID; px preview; mx (211 12/3 Hankison-KS) @ \*1800 w/NA & M s/on routine; then t1k on the medical wonders of bananas (they lower blood pressure & cholesterol); bad QRN (322 1/1 Bellovich-FL) @ 1815 w/M ID; light rock mx; nx @ 1830 (333 12/8 Langlois-FL) @ 1510 in AA w/Qur'an; ID (343 12/7 Johnson-IL)
- MALAYSIA**  
5980 1357 RTM KOTA KINABALU: EE: Competition anmt w/Kuala Lumpur address; @ 1400 TP; ID & M lcl nx items; first logging ever of this particular Malaysian frq (pr-fr 12/11 Famularo-JPN)
- 7295 1115 RTM RADIO FOUR: EE: W (p) nx; then lots of mx...and lots of ham traffic QRM! (111 12/5 Hankison-KS)
- 15295 0805 VOM: EE: World/Malaysian nx; ID @ 1410; "best sig hrd in years from this stn!" (353 1/1 George-MA) @ 1530 in AA w/t1k w/ID; possible nx; much WINB QRM (322 1/2 Froemming-AZ) [A nice New Year's present for you both!]
- MARIANA ISLANDS**  
13840 2101 KHBI: EE: "Monitor Radio News"; nx features...site ID @ 2157 (44333 12/29 Evans-TN) @ 2125 w/ID; stories on HIV & AIDS research (fr-gd 12/1 Famularo-JPN)
- MYANMAR**  
4725 1145 RM: VN: W t1k to 1158; IS & SEAsian mx bridge (flutes/etc.); into more t1k w/ments Myanmar & "Myadwi" (?); ute QRM (pr-fr 12/5 Clar-NY)
- NEPAL**  
3230 1325 RN: NEPALI: M nx; Radio Nepal sub-continent singing & M t1k; fluctuating signal strength (found //5005 12/12 @ 1635) (pr-fr+ 12/11 Famularo-JPN)
- 5005 1210 (p)RN: NEPALI?: W song w/flute; @ 1215 3-short + 1-long TP; TC; M/W t1k to 1227 fade-out (222 12/29 George-MA)



**NEW ZEALAND** Radio New Zealand International ZLXA  
 7290 2030 (t)ZLXA: EE: M reading biography of a New Zealander; guitar mx; @ 2100 tent ID; promo for something; deteriorating sig; logged in Queenstown (South Island); "nothing hrd on this frq or others at other days/times--summer vacation?" (fr-pr 12/28 Famularo-NZ)  
 9655 1340 RNZI: EE: All-night mx px (Springsteen, etc.); ID @ 1345 & nx @ 1400 (444 12/4 Hankison-KS)  
 15115 0425 RNZI: EE: Mx; "Voice of the Pacific" ID & "Mailbox" px (323 12/5 Cleveley-NY) @ 2335 w/detailed wx through 12/14; then "Tales from the Back Country"; deteriorating signal (fr-pr 12/10 Famularo-JPN) @ 0401 w/NZ v. South Africa cricket--ancrs were critical of the play of NZ (444 12/16 Brown-IL)

**OMAN** Radio Oman  
 9735 1900 RO: AA: ID: then (p) nxcast w/many ments "Arabiya" (242 12/20 Johnson-IL)

**PAKISTAN** Radio Pakistan  
 9515 1154 RP: URDU: W singing abt "Pakistan"; M tlk ment Pakistan; @ 1200 TP; "Yeh Radio Pakistan hey" ID; W nx leading w/story abt Azerbaijan (fr 12/12 Famularo-JPN)  
 13665 1116 RP: EE: Sub-continent mx; W tlk; NA and off 1130\* (fr 1/2 Famularo-NZ) [Another of Ralph's "holiday snaps."]

**PAPUA NEW GUINEA** National Broadcasting Commission  
 9675 1115 NBC: EE: Pop mx; speech from the Minister of Youth; ID @ 1130 (322 12/8 Millard-TX) @ 1240 w/mix of C&W (incl Everly Bros.) & Xmas tunes; UTC+10 TC @ 1258; TP & full ID @ 1300 (222 12/20 Thornton-NJ) @ 1302 w/nx of big marijuana bust; "Weekend Part" px...1400\* (323 1/1 Pasquale-PA) @ 1349 w/choral mx (hymns?); @ 1358 W anmt; 5 TP for 1400; M anmt w/definite ments PNG & Port Moresby; choral anthem & off; much local QRN (232 1/1 ed.) [Don Thornton phoned me about this @ 1355, which makes for Triply Psychic DXers!] @ 1350 w/EZL mx; @ 1400 ID & s/off routine (242 1/4 Robinson-UT)

**PHILIPPINES** VOA relay Radio Veritas Asia  
 6110 1222 VOA: EE: Piece on Hubble repair mission (242 12/7 Johnson-IL) @ 1202 w/nx--Clinton nominates Inman for Secretary of Defence (222 12/17 Brown-IL) [...which didn't take.]  
 9520 1158 RVA: EE/IN: Full EE ID routine; then into IN px (444 12/9 Millard-TX) @ 1250 w/end of px in Ukrainian; lxIS; EE ID & frq anmt; @ 1258 W intro'd VV px, which started @ 1300; heavy crosstalk from BBC Sackville-9515 & co-chan RM de \*1300 (322 12/25 Wakefield-IA)  
 11650 \*2250 FEBC: EE: Repeated IS & ID's to 2300, when into EE px; "my 1st log w/the new Sony 2010" (353 12/3 Streitmatter-IN) [Welcome to the column...and have fun with your radio!]

**SINGAPORE** Singapore Bcst Corp BBC relay  
 5052 2330 SBC RADIO ONE: EE: Pop mx, incl "Please Release Me" by Englebert Humperdink (222 1/1 Thornton-NJ)  
 6140 \*1520 BBC: SINHALA: BBC tonic IS; M s/on anmt w/ment Sri Lanka; world nx incl GATT talks (fr-gd 12/14 Famularo-JPN) [Site confirmed w/the latest BBC sked.]  
 9740 1510 BBC: EE: Nx--UN Secretary General meets w/Kim Il-Sung (444 12/25 Wakefield-IA) @ 1256 w/"Sports Roundup"--will Michael Jordan join the Chicago White Sox? (242 1/18 ed.)  
 11940 1538 SBC RADIO ONE: EE: ID; mx px; @ 1543 ad for Sony "world band" radios (343 1/3 Froemming-AZ)  
 15340 2215 BBC: EE: M/W tlks; ID hrd; very weak (23232 12/26 Cleveley)

**SYRIA** Radio Damascus  
 12085 1905 RD: EE: Nx incl unrest in "occupied Jerusalem" (222 12/29 Thornton-NJ) @ 2015 w/M world nx; then "here come the bees" (333 12/8 Langlois-FL) [i.e. their press review w/"The Flight of the Bumblebee" theme mx.]

**TAIWAN** Voice of Asia  
 7445 1530 VOA: IN: M ID; tlk to 1538; then CC-type regional mx; hrd to 1547 fade-out (242 1/1 Froemming-AZ)

[Before starting Thailand, I might remind people again that relays of A/O broadcasters from sites outside A/O-land should go to other editors, and not to me, e.g. RJ on 6120 via Sackville goes to Don, CRI on 9780 via Mali goes to Paul, etc. Thanks!]

THAILAND

- 6764.9 \*1155 USB VOA relay  
BANGKOK METEOROLOGICAL RADIO: THAI/EE: Sweet-sounding IS to 1201; (p) Thai ID + "This is the Bangkok Meteorological [See? Radio?]; W t1k in Thai to 1205; EE ID/wx rpt; IS 1207-1215, when cycle repeated...ditto @ 1230; bad intermittent voice UTE QRM; thanks to Howsie, WB4JSP for tip on ANARC SWL Net (222 1/5 George-MA) [I know...it's probably technically a UTE. However, Steve points out that the stn is listed along with other Thai bcst stns (#45 in the list) on p. 234 of the 1993 WRTH, though no frqs at all were given. Whatever, it's a nice catch...which Steve was hearing daily around 1/5.]
- 11785 1110 VOA: CC/EE: EE lesson for CC-speakers--concentrating on "Where do you live?" & possible responses, but also t1k abt musical instruments; @ 1157 CC anmts w/Washington address; peaked around 1135-1145 (333 12/29 Evans-TN)
- 11855 1702 VOA: EE: World nx; ID; then "Critic's Choice" (fr 12/26 Famularo-NZ)

TURKEY

- 9445 2325 VO: EE: Px on Turkish history (??? 12/12 McGuire-MD) @ 2320 w/special px on St. Nicholas [who came for Turkey] (433 12/11 Bellovich-FL) @ 2326 w/"Watch Out for Turkey" on upcoming elections + new embassies & consulates (454 12/23 Fraser-MA) @ 0359 w/IS; s/on routine; nx (242 1/4 Hogan-NC)
- 9685 2116 VOT: TK: Lovely TK vocals w/M host between cuts; finally ID @ 2143; //9460 was slightly weaker (243 1/8 ed.)

UNITED ARAB EMIRATES

- 9605 2315 VO UAE Abu Dhabi UAE Radio Dubai  
VOUAE: EE: W nx; ID; into px on Islamic society (323 12/31 Bellovich-FL)
- 9770 2220 VOUAE: EE: Regional nx; AA mx; r1g px (??? 12/11 McGuire-MD) @ 2300 w/nx/cmt; ID (323 12/22 Clevelley-NY)
- 11945 0330 RD: EE: Nx/wx; ID; px on Arab life (232 1/4 Hogan-NC)
- 15395 1700 RD: AA: Nx fanfare (same as for EE); M nx headlines; ID; then body of nxcast; noticeable QSB (343 1/15 ed.)

VANUATU

- 3945 1038 RV: BISLAMA: Rapid-fire M t1k w/mnts of Port Vila & other South Pacific locations; @ 1045 W ID; light inst mx; ARO QRM was only crostalk this morning! (322 12/20 Wakefield)

VIETNAM

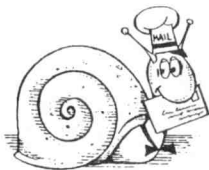
- 9840 \*1,230 VOV: EE: ID/frq sked; into nx (221 12/23 Hogan-NC) @ 1234 w/nx followed by definite ID (212 1/1 Pasquale-PA)
- 12020 1232 VOV: EE: W nx w/heavy emphasis on economic items & foreign development projects in Vietnam; ID; // just audible 9840 (333 12/25 Wakefield-IA) @ 1600 w/ID/frqs/address; nx w/more t1k abt US POW's (242 1/3 Froemming-AZ)

YEMEN

- 9780 2105 RYR: EE: ID; "Popcorn" song; then M/W nx & cmt (43434 12/26 Clevelley-NY) @ 1733 in AA w/AA mx; M t1k; into recorded oration (333 12/25 Johnson-IL) [Tim had noted them off the nominal on 11/25, when they were on 9780.5.]

It's obvious that the new PNG xmtr on 9675 kHz is going to be popular with listeners in North America, since it'll be more easily heard than the now-discontinued 4890 kHz outlet. Speaking of this new xmtr, there was an interesting note in the January 1994 "DX Ontario," including press comment (undated/unsourced) sent to ODXA'er Steve Canney by Robert Pounds, Counsellor of Public Affairs at the Australian Embassy in Bangkok. The piece said that the new Karai Service xmtr on 9675 kHz might make redundant repeater stations in Lae, Rabaul, Madang, Wewak, Goroka & Port Moresby, which have been subject to breakdown. To this, ODXA'er David Clark added, "Oops! I don't like the sound of this. Will we lose some or all of the 90mb outlets?" (Thanks to Glenn Hauser for alerting me to this piece, when he quoted from it on "WOR" #728.) Well, I certainly would not jump to conclusions that quickly! One has to note that the six cities named are the only ones in PNG which have mediumwave relays of the Karai Service--relays which have been on the air since at least the 1970's, if not longer, low-powered relays which might well be subject to breakdown. Since the original piece made no reference to the 90mb outlets--which don't carry the Karai Service, anyway--it more likely refers to mediumwave.

73-Bill



# QSL REPORT

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## AFRICA

ETHIOPIA VoEthiopia: 9560 f/d Logo cd, decal in 31 ds (Humenyk-ON)  
MADAGASCAR RN: 11655 f/d "Happy Station Team" cd in 60 ds (Hardester-NC)  
SEYCHELLES BBC: 11730 f/d ltr in 25 ds for IRC & address label; v/s-Peter Lee, Resident Engineer (Flynn-OR)...Welcome to the column Bill!...Bill writes that he's been in the hobby since 1947!  
TANZANIA/ZANZIBAR Sauti Ya Tanzania Zanzibar: 11734 (inactive) n/d "Happy you heard the station..." ltr(?) w. request for Tx tubes or \$ from v/s-Yusuf Omar Chunda, Eng. in 67 ds aft. 10th f/up for 1988 rpt w. \$1 to Dar es Salaam; reply from Zanzibar (Flynn-OR)...Nice catch Bill!...Persistence, to say the least! ed.

## ASIA

CHINA Vo Jingling: 4875 ?/d "Zhang Gong Cave" cd, sked in 14 ds for EE rpt, ms (Robinson-TN); CRI: 9440 (9390 rptd...mixing prod) f/d "Flower" cd, sked, calendar in 48 ds (Hardester-NC)  
HONG KONG BBC: 15280 f/d folder cd in 26 ds for IRC (Lane-ON)  
INDONESIA RRI-Ujung Pandang: 4750 f/d ltr in 256 ds for 3 IRCs, INDON rpt, aft f/up (Hankison-KS); RRI-Ambon: 4863.8 f/d "Orange Logo" cd in 320 ds sft f/up w. ms, INDO rpt; v/s-C. Noiija (Flynn-OR)  
THAILAND VoA-Udorn: 11785 f/d "Asia Tx" cd in 30 ds for ms; v/s-John Vodenik (Card-RI)  
TURKEY VoT: 9445 f/d "Treasure Chest" cd, sked, decals, etc. in 42 ds (Bagozzi-CA) Same in 38 ds for \$1 (Lane-ON)

## COMMONWEALTH/NON-C.I.S.

ARMENIA R. Yerevan: 11920 f/d cd, sked in 78 ds for \$1 (Lane-ON)  
BELARUS R. Minsk: 15580 f/d "Butterfly" cd, sked in 200 ds for GG rpt (Humenyk-ON)  
KAZAKHSTAN R. Netherlands-Alma Ata: 9845 f/d "RN via CIS" cd in 33 ds (Flynn-OR)  
LITHUANIA R. Vilnius: 7150 f/d cd, sked in 41 ds for \$1 (Lane-ON)  
RUSSIA R. Moscow: 7180 f/d cd in 56 ds for \$1 (Lane-ON); Same 17760 f/d cd in 39 ds (Humenyk-ON)

## EUROPE

ALBANIA R. Tirana: 9580 f/d "Lady/foot on rock" cd, flag in 19 ds for US ms; v/s-Ariti ?she (Robinson-TN)  
GERMANY VoA-Wertachtal: 15155 f/d "Greenville" cd in 36 ds (Hardester)  
GREECE VoG: 9425/11595/11645 f/d cd in 129 ds for \$1 (Lane-ON)  
LUXEMBOURG RTL: 15350 f/d "Antenna Towers" cd in 30 ds (Humenyk-ON)  
SLOVAKIA R. Slovakia Int'l: 5930 f/d cd in 18 ds for \$1 (Lane-ON)  
SWEDEN R. Sweden: 15240 f/d cd in 125 ds (?) for \$1 (Streitmatter-IN) ...Welcome to the Column James! ed.  
VATICAN CITY Vatican Radio: 9605 f/d "Tx Tower" cd in 69 ds (Humenyk)

## NORTH AMERICA

CANADA R. Austria: 6015 f/d ltr in 18 ds (Humenyk-ON)  
COSTA RICA RFPi: 21465 f/d cd, sked via US address (Eugene, OR?) ed. in 42ds for \$1 rp (Lane-ON); Same 7375 in 198 ds (Humenyk-ON)  
CUBA R. Havana: 6010 f/d cd, ltr, newspaper in 105 ds for \$1 (Lane-ON)  
HONDURAS HRJA R. Copan Int'l: 15675 f/d "Statue" cd in 63 ds via R. Miami Int'l; v/s-Jeff White (Hardester-NC); SAME "Mayan Ruin" cd in 150 ds via WRMI (Millard-TX); HRVC LV Evangelica:4820 f/d "Logo"

cd in 45 ds for ms; v/s-Herman Lagos Naira (Johnson-IL)...Welcome to the column Tim! ed.; HRXK LV de la Mosquitia: 4910 n/d ltr in 21 ds for ms; v/s-Sammy Simpson (Millard-TX)  
USA KTBN: 15590 f/d "Antenna" cd in 91 ds (Humenyk-ON); WCSN: 21640 f/d "Antenna" cd in 33 ds (Humenyk-ON); WSHB: 9465 f/d cd in 56 ds for IRC (Lane-ON); SAME in 30 ds (Humenyk-ON); WRMI: 9955 f/d "Palm beach" cd in 13 ds for ms; v/s-Jeff White (Millard-Tx); Vo-FC: 17750 (via WYFR?) ed. f/d "Taiwan Baseball Team" cd in 25 ds (Humenyk-ON)

#### OCEANIA

AUSTRALIA RA: 9580 f/d ltr, sked ppc, calendar in 34 ds for IRC (Lane-ON)  
PAPUA NEW GUINEA R. Morobe: 3220 f/d ltr in 252 ds for 3 iRCs, 1 f/up v/s-Ken L. Tropu (Hankison-KS)

#### SOUTH AMERICA

BRAZIL Radiobras: 15265 n/d ltr, sked, ppc in 56 ds for \$1 (Lane-ON)  
ECUADOR HCJB: 17790 f/d "Rio Coca Falls" cd, calendar, key chain, skd in 65 ds; v/s-Glen Volkhardt (Bellovich-FL); 9745 f/d cd in 25 ds for IRC (Lane-ON)  
GALAPAGOS IS LV de Galapagos: 4810.5 (incorrect data) PFC + postcard w. verifying statement after MANY f/ups since 1976! Sent copy, ms, \$1, "goodies"; v/s-Edgar Vallejo, Gerente, "Voz De Galapagos", San Cristobal, Galapagos - ECUADOR (Hardester-NC)...Mike is a Very HAPPY QSLer after receiving this one! ed.

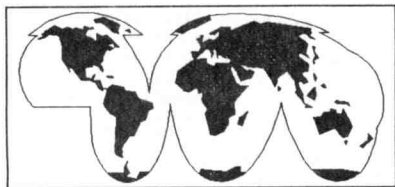
#### UTILITIES

POLAND GDYNIA R.SPC 42: 8788 f/d ltr, pfc in 192 ds for ms/SASE; USA USAF OFFUTT GHFS: 11176 f/d pfc, ltr in 48ds, vs-R.G. Arndt; USCG San Juan: 2670 f/d pfc, ltr, 15 ds, vs-T.L. Chirhart; USCGC Baranof: 8240 f/d pfc, 15 ds, vs-Stamp; USCGC Polar Sea: 12242 f/d pfc, 139 ds, vs-RMC K. Hall; US Army Corps Engineers, Memphis: 5202.5 f/d pfc, ltr, 10 ds, vs-B.R. Brooks; USN SESEF Norfolk: 7535 f/d pfc, ltr, decal, 10 ds, vs-R. Limbrick; USS Conserver: 8204 f/d pfc, ltr in 49 ds + ship book, vs-RM3 A. Dusablon; MARS STN USS Jack Williams: 14441.5 f/d pfc, 128 ds, ...all (Baker-OH)  
USCGC Polar Sea: 5696 f/d pfc, 150 ds, vs-K. Holck; HUA TUO - BOPT: 12482.5 f/d ltr, 142 ds; KPH San Francisco R: 12600 f/d pfc, 98 ds, vs-M. Walsh; M/V Bischofstor: 12422 f/d ltr, 61 ds, vs-S. Was; M/V Astro JYOJIN: 16636 f/d pfc, 70 ds; LGC Oscar Gas: 12248 f/d ltr, 77 ds, vs-J.P. Wigny; C/V Rijeka Express: 16715.5 f/d pfc, 59 ds; NOAAS McArthur: 6504 f/d pfc, 62 ds, vs-R. Phillips; Yarmouth CGR: 2749 f/d ltr, 74 ds, vs-F. Webster; M/V Sierra Express: 8380 f/d pfc, ppc, 41 ds, vs-T. Apostolos; M/S Sea Princess: 8240 f/d pfc, newsletter, 62 ds, vs-I. Kitchin; M/S Regal Princess: 4071 f/d pfc, ppc, 51ds, vs-C. Bellotto; SS Fred G. WELN: 2182 f/d pfc, 52 ds; ZBM Bermuda Harbour R: 2182 f/d pfc, 25 ds, vs-S. Simmons; CCGS Mary Hichens: 2182 f/d pfc, 24 ds, vs-D. McKenzie; USCGC Gallatin: 7741 f/d pfc, 21 ds; M/S Fantasy: 2390 f/d pfc, 30 ds, vs-D. Carrejo; Majesty of Seas: 4113 f/d pfc, 19 ds, vs-E. Ruiz; M/S Song of America: 12496.5 f/d pfc, 26 ds; SS Britanis: 4098 f/d ltr, ppc, (63 yr old Cruise Ship!), 38 ds, vs-D. Stamatello; M/V Front Viewer: 16715 f/d ltr, 30 ds, vs-C. Dyream; M/T Seabulk America: 16528 f/d pfc, info, 16 ds, vs-K.E. Green; SS Ashley Lykes: 16692.5 f/d pfc, 16 ds; WCM Withamsville R: 6510 f/d pfc, 6 ds, vs-T. Garofalo; Crown Princess: 8198 f/d pfc, ppc, 20 ds, vs-Alberto ?; USCGC Diligence: 2182 f/d pfc, info, 6 ds; USCG A/C #1501: 5696 f/d pfc, 10 ds, vs-W.M. Hayes; USCG Air Stn, Elizabeth Ci: 6714 f/d pfc, 10 ds, vs-W.M. Hayes...all...(Navary-VA)  
HELP!...Mike Hardester writes-INTERPOL (FSB) 6905kHz rpt to: 26 Armengaud, F-92210 Saint-Cloud, FRANCE, returned "Inadequate address/addresssee...any suggestions?"

...Well, what a winter it has been! On Jan. 19th, at just before 6 A.M. local time, an all-time record low was set at Cleveland Hopkins Airport Nat'l Weather Service...-20°F!!! Our furnace was constantly running that night and morning! To make matters worse we had just gotten socked with over a foot of snow to boot! We look forward to Mid-March and the beginning of Spring! 'Til March...

73s, 55s, and Best of QSLing!

Mike



# UTILITIES

**Mike Wolfson**  
**1842 Afflin Avenue**  
**Ashland, OH 44805**

## AERO

- 3413 **SHANNON VOLMET:** Ireland UK 0320 12/27 USB (wx) (Johnson, Il)  
3455 **REACH 60203:** USAF 0113 12/23 USB (wkg New York over position SLAPP) (Halstead, WV)
- 5529 **SANTO DOMINGO RADIO:** Dominican Republic 0432 12/23 USB (wkg IBERIA 3508 in SS) (Halstead, WV); **DOMINICA 800:** 0325 12/9 USB (SS, wkg Santa Domingo w/position) (Braun, Va); **U/ID IBERIA FLT:** 0325 12/9 USB (SS, wkg Madrid for Barcelona wx) (Braun, Va)
- 5550 **BOYEROS RADIO:** Cuba 0301 12/10 USB (c1g CUBANA 1481 in SS, no joy) (Halstead, WV)
- 5680 **RESCUE 1711:** 0050 12/29 USB 434 (c1g u/id station) (Wolfson, Oh)  
5696 **NMN:** USCG COMMSTA Portsmouth Va US 1634 12/12 USB (re/rescue of crew of sailing boat MALACHITA near Bermuda by RESCUE 6008 (HH60J)) (Lukas, NY)
- 5718 **CFH:** Halifax Military Canada 0056 12/29 USB (wkg RESCUE 113 w/position update, involved w/SAR of sailboat reported on fire, ship found safe, no fire (red lights)) (Baker, Oh) (Wolfson, Oh)
- 6603.7 **GANDER VOLMET:** Canada 0052 12/18 USB (Canadian wx) (Bellovich, Fl)  
6643 **BERNE RADIO:** Switzerland 0454 12/17 USB (wkg TWA 900 w/pp to Paris dispatch, TWA 847) (Navary, Va)
- 6685 **NO ID:** 2210 12/3 USB 232 (scrambled tfc) (Bottonelli, Italy)  
6714 **USAF RESCUE OPS:** 1837 12/11 USB (tfc between USCG RESCUE 1501 and USAF RESCUE 222 re/overtured sailboat--see 8984) (Lukas, NY)
- 6716 **AFA:** Andrews AFB Va US 2037 12/7 LSB (wkg u/id a/c) (Lukas, NY)  
6730 **AF 1:** 2251 1/2 USB 111 (wkg u/id Air Force Base) (Bottonelli, Italy)  
8819 **RAINBOW RADIO:** 0104 12/13 USB (c1g AMERICAN 84, no joy, wkg DELTA 72, UNITED 960) (Navary, Va)
- 8825 **NEW YORK RADIO:** US 0020 1/2 USB 333 (wkg ALITALIA 557) (Bottonelli, Italy)  
8891 **CAMBRIDGE BAY RADIO:** Canada 0014 12/26 USB (wkg KOREAN AIR 983 over 115W on PAPA track) (Halstead, WV)
- 8893.7 **ALGIERS AERADIO:** Algeria 0137 12/17 USB (wkg AIR CANADA) (Bellovich, Fl)  
8967 **GHFS LAJES:** Azores 0330 12/31 USB (wkg REACH 60201) (Navary, Va)  
8984 **NMN:** USCG COMMSTA Portsmouth Va US 1849 12/11 USB (wkg RESCUE 1501 re/overtured sailboat, tfc between 1501 and 1500 (HC130s)--see 6714) (Lukas, NY); **NMN:** USCG COMMSTA Portsmouth Va US 1616 12/12 USB (rescue mission for crew of sailboat LIGHTFOOT, went down off Long Island NY, crew picked up by Japanese freighter, taken to Ireland) (Lukas, NY); **NMR:** San Juan Puerto Rico 0136 12/29 USB 444 (wkg RESCUE 1711 w/orders to proceed to Antigua to pick up spare parts) (Wolfson, Oh)
- 11.176 **GHFS OFFUTT:** Ne US 1705 12/31 USB (wkg DOOM 96 w/pp to MUDBUG CONTROL, REACH 537 w/pp to Luke AFB, DOOM 97 w/pp to MUDBUG CONTROL) (Navary, Va); **A/C 289:** 0046 12/2 USB 444 (w/bad scope, may have to abort ECM training mission) (Wolfson, Oh)
- 11288 **WHX78:** FAA A/C 2230 12/9 USB (wkg u/id QTH re/position over Montana, landing in 20 min, hope to return Sat) (Braun, Va)
- 11300 **KHARTOUM AERADIO:** Sudan 2343 12/27 USB (wkg Nairobi, LUFTHANSA 575, Cairo, AFM02) (Navary, Va)
- 11306 **LIMA FLIGHT SUPPORT:** Peru 2236 12/26 USB (wkg AMERICAN 917) (Halstead, WV); **AVIANCA 60 DX:** 1849 12/24 USB 434 (wkg New Castle flt ops, APU bleed air valve failed to close) (Wolfson, Oh)
- 11309 **NEW YORK AERADIO:** US 1901 12/24 USB 444 (wkg various flts) (Wolfson, Oh)

## CW

- 2727.6 **DAN:** Norddeich Radio Germany 0344 12/1 (ID,) (Lukas, NY)  
2815.9 **IDR:** Rome Naval Radio Italy 0302 12/1 (ID, 2815 listed) (Lukas, NY)  
5760 **OVG:** DM Fredrikshavn Denmark 2325 12/30 444 (ID) (Bottonelli, Italy)  
6757 **MKL:** RAF Edinburg UK 2305 12/4 544 (c1g 62N, wx info) (Bottonelli, Italy)
- 8437 **4XZ:** Haifa Radio Israel 2252 12/4 555 (crypto tfc to HE3A, others) (Bottonelli, Italy)
- 8448 **A9M:** Hamala Bahrain 2045 12/5 322 (marker, QRM) (Bottonelli, Italy)  
8522 **FFL2:** St Lys Radio France 2050 12/5 545 (wx) (Bottonelli, Italy)

8546 **GKA:** Portishead Radio UK 2145 12/5 545 (wx) (Bottonelli, Italy)  
8569 **FUV:** French Navy Djibouti 2245 12/4 433 (marker) (Bottonelli, Italy)  
8614 **URL:** Sevastopol Radio Ukraine 2158 12/5 455 (marker) (Bottonelli, Italy)  
8670 **IAR:** Rome Radio Italy 2125 12/27 544 (marker) (Bottonelli, Italy)  
8682 **EAD:** Madrid Radio Spain 2201 12/5 455 (tfc 1st) (Bottonelli, Italy)  
8698 **7TF6:** Skikda Radio 1825 12/31 455 (ID) (Bottonelli, Italy)  
8704 **SVB2/3/4:** Athens Radio Greece 2130 12/27 544 (marker) (Bottonelli, Italy)  
12689.5 **PPJ:** Juncao Radio Brazil 0405 12/21 (marker) (Navary, Va)  
12738 **PPR:** Rio Radio Brazil 0345 12/21 (marker) (Navary, Va)  
12857 **6WW:** Dakar Radio Senegal 0330 12/21 (marker) (Navary, Va)  
13014 **CLS:** Flota Cubana de Pesca Radio 0324 12/21 (marker) (Navary, Va)  
16932 **7TF10:** Boufarik Radio Algeria 1637 12/5 (marker) (Navary, Va)  
17105 **IRM:** CIRM Rome Italy 1535 12/5 (marker) (Navary, Va)  
22450.1 **PPO:** Olinda Radio Brazil 1813 12/4 (marker) (Ward, Ca)  
22458 **XSX:** Keelung Radio Taiwan 0707 12/4 (marker) (Ward, Ca)  
22465 **9MG:** Penang Radio Malaysia 0713 12/4 (marker) (Ward, Ca)  
22478 **NMO:** USCG COMMSTA Honolulu Hi US 1818 12/4 (marker) (Ward, Ca)  
22485 **VHP:** ACT Canberra Australia 0719 12/4 (marker) (Ward, Ca)  
22536 **VPS22:** Cape D'Aguilar Radio Hong Kong 0733 12/4 (Ward, Ca)  
22537.7 **FUF:** French Forces Fort de France Martinique 1948 11/24 (ID) (Lukas, NY)  
22544 **FUM:** Papeete Naval Tahiti 2223 12/4 (marker) (Ward, Ca)  
22565 **XSM:** Taichung Radio Taiwan 0738 12/4 (marker) (Ward, Ca)  
22576.5 **JNA:** Tokyo Radio Japan 2322 12/5 (marker) (Ward, Ca)  
22592.5 **9M:** Bahrain Radio 1718 12/5 (Ward, Ca)  
22610.5 **CLA:** Havana Radio Cuba 2231 12/4 (marker) (Ward, Ca)  
22636.5 **JCT:** Choshi Radio Japan 0141 12/5 (marker) (Ward, Ca)  
22659.5 **JOR:** Nagasaki Radio Japan 0151 12/5 (marker) (Ward, Ca)  
22670.5 **PPR:** Rio Radio Brazil 2337 12/5 (marker) (Ward, Ca)  
22686.5 **WLO:** Mobile Radio Al US 2237 12/4 (marker) (Ward, Ca)  
22694.4 **XSG:** Shanghai Radio China 2241 12/4 (marker) (Ward, Ca)

**MARINE**

2118 **CG3029:** CCGS Earl Gray 0149 12/22 USB (2118/2514 wkg Halifax CG Radio for R/T tfc) (Baker, Oh)  
2182 **4PLC:** 0534 12/8 USB (clg YXV3, no joy) (Navary, Va); **S/V THUMPER:** 0544 12/14 USB (MAYDAY call, wkg USCG Ft Macon Grp, taking on water, EPIRB activated, 5 crew, C130 dispatched to assist) (Navary, Va)  
4071 **ELBM9:** M/S Tropicale 0248 12/23 USB (wkg WOM w/R/T tfc) (Baker, Oh)  
4088.5 **PAPA:** 1057 12/1 USB (wkg HOTEL re/media crew on board DEMON 45 helo, wants to film boarding of M/V Torture Express) (Braun, Va)  
4113 **ELJV7:** Nordic Empress 0408 12/29 USB (wkg WOM for tfc) (Navary, va)  
4131 **SS AMERICAN ADVENTURE:** 0215 12/29 USB (wkg WOM w/R/T tfc, formerly the SS Eugenio Costa) (Navary, Va)  
6200 **NRQW:** USCGC Sweetgum 2018 12/19 USB (wkg COMMSTA New Orleans w/pp to DISTRICT 8 Ops, re/release from SAR mission-debris/body found, no survivors) (Navary, Va)  
6223.9 **SOUTHBOUND II:** Bermuda 0047 12/18 USB (Caribbean wx) (Bellovich, F1)  
6230 **WFL:** Southern Towing Memphis Tn US 2104 12/21 USB (wkg various river boats) (Baker, Oh)  
6513 **VCS:** CCG Halifax Nova Scotia Canada 2210 12/29 USB 444 (wx for Canadian locations) (Wolfson, Oh)  
8198 **5BNE:** M/V Thios Costas 2355 12/22 USB (wkg WOM, w/attempted R/T tfc) (Navary, Va)  
8207 **LIZA3:** M/S Sun Viking 2330 12/22 USB (R/T tfc via WOM) (Navary, Va)  
8219 **D9FV:** Ves Bright Star 0136 12/23 USB (Korean cargo ship, wkg KMI w/R/T tfc) (Baker, Oh)  
8222 **C6KP:** Festivale 0412 12/29 USB (wkg WOM) (Navary, Va)  
8237 **ELNG6:** M/V Horizon 0118 12/23 USB (wkg WOM w/R/T tfc) (Baker, Oh)  
8240 **NDIS:** USCGC Matinicus 2020 12/29 USB (wkg Portsmouth re HFDL on 7 megs) (Navary, Va)  
8264 **SYVL:** Ves Star of Texas 2152 12/21 USB (wkg WLO w/R/T tfc, refused entry at Mexican port, passengers upset) (Baker, Oh)  
8267 **3FMF3:** SS Enchanted Seas 0016 12/23 USB (wkg WOM w/R/T tfc) (Navary, Va); **A/C NB200E:** 2237 12/26 USB (R/T tfc, 1st time heard an a/c wkg WOM) (Navary, Va)  
8285 **P3FB5:** Ves Delta Lady 2350 12/22 USB (wkg WOM w/R/T tfc to Bulgaria) (Baker, Oh)  
8285.5 **3ESE9:** M/S Sensation 2227 12/28 USB (clg WOM w/R/T tfc-newest Carnivale Cruise "mega" ship) (Baker, Oh)  
8713 **IAR:** Rome Radio Italy 2137 12/27 USB 433 (wkg u/id ves w/pp) (Bottonelli, Italy)

8746 **SPO41:** Szczecin Radio Poland 1840 12/30 USB (tfc 1st) (Navary, Va)  
 12244 **MHGS3:** Rainbow Princess 1955 12/25 USB (wkg WOM for tfc) (Navary, Va)  
 12272 **C6I14:** M/S Crown Odyssey 1907 12/25 USB (wkg WOM) (Navary, Va); **HEB17:**  
 Berne Radio Switzerland 1445 12/24 USB (wkg 9HGH3) (Navary, Va)  
 12296 **C6K06:** Royal Viking Queen 2217 12/25 USB (wkg WOM) (Navary, Va)  
 12317 **P3UR3:** Ves St Pierre 2014 12/28 USB (wkg Portishead Radio on GKV50)  
 (Baker, Oh)  
 12353 **WBN3011:** Tug Pilot 1828 12/22 USB (wkg WPR re/needed charts) (Baker, Oh)  
 13151.85 **WLO:** Mobile A1 US 2155 12/29 USB 444 (pp tfc) (Wolfson, Oh)

#### PHONE

2670 **USCG GROUP MARICHES:** NY US 0015 12/11 USB (NOTAMs re/GPS satellite status) (Braun, Va)  
 4560 **HMCS VILLE DE QUEBEC:** 0400 12/7 USB (c1g HALIFAX MILITARY for rdo chk, no joy, ORM from Israeli MOSSAD tx) (Braun, Va)  
 5015 **WD4:** 1320 12/26 USB (wkg WD403 w/lake elevations and gate info, wx) (Johnson, Il) (Mississippi working stn ???)  
 5238 **NO ID:** 0403 12/3 AM (SS nbr stn, 10 count) (Lukas, NY)  
 5369 **BRIGHTON BAY:** 2310 12/30 USB (wkg as net control w/several ship w/BAY c/s) (Braun, Va)  
 6018.6 **XJB52:** Canadian Mariner 1350 12/26 USB (w/position rpt, ETA, c1g CANADIAN X4) (Johnson, Il)  
 6841 **NO ID:** 2010 12/5 AM 434 (5 ltr grps) (Bottonelli, Italy)  
 6873 **VOA:** Greenville NC US 0437 12/16 LSB (feeder) (Lukas, NY)  
 6877 **CFH:** CFARS Halifax NS Canada 0150 12/7 USB (wkg CIW103, trying for clear freq) (Braun, Va)  
 7445 **KPA2:** 0220 1/1 USB fair (phonetic numbers stn) (Hardester, NC)  
 7482 **NO ID:** 0105 12/18 AM (SS, 5 nbr grp) (Bellovich, Fl)  
 7494.6 **NO ID:** 0158 1/1 very good (time stn matching WWV, no ID) (Hardester, NC)  
 8188.5 **BRAVO SIERRA:** 1800 12/9 USB (wkg WAFER 716 from test area w/DRC, investigating for goblins, laying grid, query if should want for relief from 715 or 716) (Braun, Va)  
 14383.5 **NNNONUM:** USN 2253 12/28 USB poor (wkg NNNOCZO--USS Stephen W. Groves FFG-29 w/rdo chk) (Thompson, Ca)  
 14391.5 **NNNOERA:** USN 0008 12/17 USB poor (wkg NNNOCVV--USS Yellowstone AD-41 heading for Haiti) (Thompson, Ca)  
 14441.5 **NNNOCTY:** USN USS Fox CG-33 0048 12/13 USB fair (c1g any MARS stn w/pp tfc) (Thompson, Ca)  
 14470 **NNNONUM:** USN Whidbey Island NAS 2302 12/15 USB poor/excellent (wkg NNNOCWC--USS Samuel Gompers AD-37 w/pp) (Thompson, Ca)  
 20085 **CESARE 1:** Somalia 1020 1/2 USB 355 (wkg URANO) (Bottonelli, Italy)  
 20185.7 **WA4NAN:** Goddard Spaceflight Center Greenbelt Maryland US 1610 12/2 USB (STS-61 mission audio rebroadcast) (Lukas, NY)  
 20505 **URANO:** Somalia 0950 1/3 USB 333 (c1g CESARE 1, no joy) (Bottonelli, Italy)  
 23053 **SCUDO 2:** 1033 1/2 USB 244 (wkg Italian Air Force Base OT (Pisa ??) w/pp) (Bottonelli, Italy)

#### RTTY/FAX

518 **NMN:** USCG COMMSTA Portsmouth Va US 0930 FEC (NAVTEX b/c, code N) (Baker, Oh); **NMR1:** USCG San Juan Puerto Rico 1000 12/22 FEC (NAVTEX b/c, code R) (Baker, Oh); **WCO:** CCG Sydney Canada 1040 12/22 FEC (NAVTEX b/c, code Q) (Baker, Oh); **NMG:** USCG COMMSTA New Orleans La US 1100 12/22 FEC (NAVTEX b/c, code G) (Baker, Oh); **NMA:** USCG COMMSTA Miami Fl US 1200 12/22 FEC (NAVTEX b/c, code A) (Baker, Oh); **NMF:** USCG COMMSTA Boston ma US 1245 12/22 FEC (NAVTEX b/c, code F) (Baker, Oh)  
 2572 **WLO:** Mobile A1 US 0920 12/29 FAX (test chart from National Hurricane Center) (Baker, Oh)  
 2727 **DAN:** Norddeich Radio Germany 0148 12/8 SITOR A (ID) (Baker, Oh)  
 4148 **YLAO:** Ves Mikhail Lomondsovyas 2352 12/15 SITOR A (tlx) (Baker, Oh)  
 4175 **ELEY8:** Ves Tramarco Trader 0526 12/25 SITOR A (wkg WLO w/tlx) (Baker, Oh)  
 4179 **ELNS3:** Ves Baltic Star 2331 12/23 SITOR A (departure rpt to Star Reefer-London) (Baker, Oh)  
 5160 **NNNONIK:** USN MARS Mayport Fl US 0305 12/1 SITOR A (HF mailbox, idling) (Baker, Oh)  
 5275 **MENA:** Cairo Egypt 2042 12/30 75 baud 455 (FF nx re/Palestinians) (Bottonelli, Italy)  
 5807 **ZKLF:** Auckland New Zealand 1300 12/1 FAX (wx chart of eastern Australia) (Wielgos, In) (welcome to the column Steve-MW)  
 6264 **GLV3:** Ves Alatra 2327 12/21 SITOR A (wkg SPA-Gydnia Radio w/tlx) (Baker, Oh)

6270.5 **C6II4:** Cruise Ship M/S Crown Odyssey 0028 12/16 SITOR A (wkg SVU-Athens Radio w/tlx) (Baker, Oh)

6320.5 **FFT31:** St Lys Radio France 0301 12/23 SITOR B (tfc 1st) (Baker, Oh)

6325.5 **WLO:** Mobile Radio A1 US 0010 12/16 SITOR A 454 (msg tfc) (Card, RI)

6370.5 **RN Gibraltar:** 0226 12/8 170/75 (marker, ID) (Baker, Oh)

6383.5 **CKN:** Canadian Forces Vancouver BC 0245 12/8 170/75 (NAWS tape, ID) (Baker, Oh)

6400 **UMV:** Murmansk Radio Russia 0641 12/25 SITOR A (not CW as listed, wkg TH Kapitan Glazachev) (Baker, Oh)

6407 **NO ID:** 0310 12/8 170/75 (u/id NAWS marker- NAWS S4-2D) (Baker, Oh)

6496 **CFH:** Meteo Halifax NS Canada 0030 12/20 850/75 444 (wx) (Card, RI)

7535 **AXI33:** Darwin, Australia 2100 12/15 FAX (FL 250 chart of Australia) (Wielgos, In)

7959 **IRNA PRESS:** Iran 2150 12/3 50 baud 544 (nx) (Bottonelli, Italy)

8165 **5YD:** Nairobi Air Kenya 2129 12/30 50 baud 545 (ID) (Bottonelli, Italy)

8191 **9MR:** Johor Baharu Malaysia 2105 12/27 RTTY 433 (ID) (Bottonelli, Italy)

8381.5 **7THK:** Larbi Ben M'Hidi 2025 12/28 SITOR A (wkg Boufarik Radio w/FF tlx tfc) (Navary, Va) (Algeria ??- MW)

8390.5 **M/V AYA II:** 2327 12/30 SITOR A (tlx tfc) (Navary, Va)

8393 **UZYU:** NIS Kosmonant Viktor Patsaev 2020 12/15 SITOR A (w/tlx to Moskva Radio) (Baker, Oh)

8400 **MAKSAREW:** 2312 12/28 170/50 (msg) (Baker, Oh)

8411.5 **UVIF?:** RTM Peredovik 0612 12/29 170/50 (RYS to URL, msg, references site RTMA Peredovik = UIMY) (Baker, Oh)

8429.5 **GKQ4:** Portishead Radio UK 1355 12/25 SITOR A (w/"phonetex" tlx to Ves Ranam) (Baker, Oh)

9045 **5YE:** Nairobi, Kenya 2130 12/7 FAX (FL 250 wind/temp chart of Africa) (Wielgos, In)

9220 **RIB76:** Novosibirsk Russia 2330 12/1 FAX 576/90 (FUXX RUNW chart) (Wielgos, In)

9340 **RCH72:** Tashkent Meteo Uzbek 1235 12/1 FAX 576/90 (FBXX RUTK sig. weather chart) (Wielgos, In)

9396 **HMF84:** KCNA Press Korea 2223 12/30 RTTY 344 (FF nx re/Korean talks about nukes) (Bottonelli, Italy)

9994 **CSY65:** Santa Maria Radio Azores 0030 12/5 850/50 354 (coded wx) (Card, RI)

10283 **RFLI:** French Forces Forte de France Martinique 2200 12/15 ARQ-E3 425/96 (controle de voie) (Wielgos, In)

10408 **6VU:** Dakar Senegal 0220 12/21 425/50 343 (ID) (Card, RI)

10555 **AXI34:** Darwin Australia 1400 12/15 FAX (warnings in text) (Wielgos, In)

10800 **RFLI:** French Forces Forte de France Martinique 2329 12/15 ARQ-E3 425/96 (msgs in FF) (Wielgos, In)

10805 **LOR:** Buenos Aires Argentina 2300 12/2 450/75 454 (SS nx) (Card, RI)

10896 **LRB39:** Buenos Aires Argentina 0140 12/1 850/50 444 (SS nx) (Card, RI)

10980 **RDD79:** Moscow Russia 1355 12/20 FAX (Weather chart w/cyrillic writing) (Wielgos, In)

11525 **RWW79:** Moscow Russia 1400 12/31 FAX (RAFC Moscow wind/temp chart) (Wielgos, In)

12165 **RKD78:** Moscow Russia 1459 12/31 FAX 576/90 (FUXX 250hpa RUMS chart) (Wielgos, In)

12844.5 **GYA:** London UK 1230 12/2 FAX (wave height chart) (Wielgos, In)

14356 **GFL24:** Bracknell Meteo UK 1304 12/19 410/50 (data) (Baker, Oh)

14483 **RFTJ:** French Forces Dakar Senegal 2025 12/22 ARQ-E3 425/48 (msgs in FF, 5 ltr coded msgs) (Wielgos, In)

16683 **JAFc:** E1la 1804 12/29 SITOR A (position rpt) (Navary, Va)

16685.5 **SQRQ:** M/V Kopalnia Halemba 1720 12/26 SITOR A (AMVER rpt) (Navary, Va)

16687 **P3EX5:** M/V Kamy 1820 12/29 SITOR A (formerly M/V Dresden, tlx to TRANSMED) (Navary, Va)

16705 **BPPW:** M/T Da Qing 92 1705 12/29 SITOR A (tlx tfc to Shanghai, Florida) (Navary, Va)

16832 **LGB:** Rogaland Radio 1633 12/29 SITOR A (wkg LALT2) (Navary, Va)

18100.8 **NO ID:** 2341 12/2 SITOR A (idling) (Baker, Oh)

19751.5 **6VU:** Dakar Senegal 1808 12/25 FAX 576/60 LSB ISD (FBAO temp projection, Europe/Africa area) (Wielgos, In)

22304.5 **3ERQ7:** M/V Radnes 1811 1215 SITOR A (position rpt) (Baker, Oh)

22381 **9VG:** Singapore Radio 0647 12/4 SITOR (ID) (Ward, Ca)

22382 **CBV:** Playa Ancha Radio Chile 1801 12/4 SITOR (ID) (Ward, Ca)

22383 **VIS:** Sydney Radio NSW Australia 0801 12/4 SITOR (ID) (Ward, Ca)

22388 **XSG:** Shanghai Radio China 2249 12/4 SITOR (ID) (Ward, Ca)

22389 **9VG:** Singapore Radio 0652 12/4 SITOR (ID) (Ward, Ca)

22389.5 **NMN:** USCG COMMSTA Portsmouth Va US 1807 12/4 SITOR (ID) (Ward, Ca)

22390.5 **FFT:** St Lys Radio France 1640 12/5 SITOR (ID) (Ward, Ca)



22391.5 **NO ID:** 1808 12/4 SITOR (frequently heard, no ID) (Ward, Ca)  
22394.5 **LPD:** General Pacheco Radio Argentina 1641 12/5 SITOR (ID) (Ward, Ca)  
22396 **NO ID:** 0656 12/4 SITOR (frequently heard, no ID) (Ward, Ca)  
22412 **WLO:** Mobile Radio A1 US 1811 12/4 SITOR (ID) (Ward, Ca)  
22404 **UKK3:** Nakhodka Radio Russia 0112 12/5 RTTY (marker) (Ward, Ca)  
22420 **XSQ:** Guangzhou Radio China 0703 12/4 SITOR (ID) (Ward, Ca)

I received a pleasant surprise around the end of the year. I came home from work one day and found a shipping envelope from KLINGENFUSS PUBLICATIONS in the mailbox. Inside was a review copy of the 12th Edition of the **KLINGENFUSS UTILITY GUIDE**. Santa was a little late, but then better late than never. I already own the 10th and 11th editions and had been thinking about picking up the 12th at some point. Because of that experience, I was already familiar with the publication.

Previous editions of the book have been thoroughly reviewed. In my opinion, the current edition is as good as ever. The book is divided into 24 sections. A major part of the book is devoted to a list of utility station frequencies. This section lists the station frequency, callsigns, mode of transmission and times of transmission when they're known. Two sections are dedicated to listing WEFAX stations and schedules. I have found these three sections to be the most useful.

For QSLers the book also includes a station list **WITH** addresses. The book, however, includes much more information of interest to UTE listeners. For example, it contains tables of Q and Z codes, frequently used abbreviations, call sign allocations, international regulations for the identification of stations, alphabetical and chronological listings of press frequencies, NAVTEX transmissions, emission classifications and station types, definitions, telegram formats and much more. For the information it covers, it is a **VERY** comprehensive and well researched book.

In my opinion, the **UTILITY GUIDE** is most useful when used in conjunction with other reference sources. The frequency list is made up from logs of monitored stations. If one of the book's contributor's (more than 40 people from around the world) hasn't heard the station, it doesn't make it into the frequency section. It might be in the station list section, but, in my experience, its difficult to track down a station in that section on the fly.

The book is well researched and thorough. The WEFAX schedules are the best I've seen. The quality of the information is very good and most important the way the information is presented is clear. That makes it an easy book to use.

I don't want to give the impression that I don't think the book is worth buying, because I think it is. I just think that its most useful when used in conjunction with other sources of information. My only quibble with the format of the book is that I wish it had spiral binding like the 8th edition of the **CONFIDENTIAL FREQUENCY LIST**. It would lie open more easily and be easier to use.

All in all, I think the book is worth buying. In the past I've followed that advice and expect to do so again in the future.

I picked up the following from the ANARC BBS (913-345-1978) on 1/2/94:

Area: SW ECHO  
Msg: #410  
Date: 12-25-93 14:12 (Public)  
From: JEFF HAVERLAH  
To: LARRY VAN HORN  
Subject: BAYONNE GLOBAL

I see that I am not the only one that heard this "strange" callsign performing GHFS duties on 11176!

I caught them one day earlier, 12/20/93, at 1643z working SAM 683 on 11176.0, with SAM 683 enroute to SCOTT. They provided SAM 683 with a phone patch to SCOTT WEATHER.

At my location, BAYONNE was heard at only fair level. Neither station used the id "BAYONNE GLOBAL." No xmtr "key up" tones were heard. I suppose it would be the only GHFS station that is not associated with a major Air Force Base. It was the only time I heard them that day; and, I have not (yet) heard them on the other GHFS freqs.

The MARS guess is interesting. Two more WAG's would be some sort of service school; or, maybe a civilian contractor. Jeff Haverlah/Humble TX

That's it for February. I'm planning on being in Kulpsville the weekend of March 11th. There's a utility listening workshop scheduled. 73





Richard "RD" Baker  
1352 Cavalcade Dr.  
Austintown, Ohio  
44515-3844

Internet:  
ae411@yfn.ysu.edu

Howdy all, we have an expanded column this month, so waste not, want not. I was able to do a little home remortgaging and decided to add .50 cents a month to the payment and bring an Icom R-72 in to the shack to keep the R-71A from getting lonely. The R-71A is now tied in with the M-1000, and the R-72 is the SSB worker. They seem to make a nice team!

I received electronic mail from Richard Steck (IL), who is looking for any and all known Cuban frequencies, both UTE and SWBC. His goal is to closely monitor Cuban frequencies to study the political climate. A little Signals Intelligence if you will. The latest PL Havana sked I have shows 14928.0 (CLN452) 1400-2200 in SS, and 16348.0 (CLN530) 1200-2300 in EE. Also, Havana Radio on: CLA2 4235, CLA3 4225, CLA4 6454, CLA5 6337, CLA20 8496, CLA 21 8573 and 25719, CLA22 8690, CLA30 12748, CLA31 12792, CLA32 13062 and 26124, CLA33 12673.5, CLA40 16961, CLA41 17165.6, CLA50 22610.5, CLA51 22649, CLA60 4408, CLA62 4357, CLA63 8737, CLA64 8743, CLA67 8758, CLA68 13125, CLA 69 13116, CLA71 13158, CLA72 17317, CLA73 17275, CLA75 17323, CLA76 22789, and CLA77 22750. CLP1, MFA Havana on: 12255, 12610, 14833, 18630, 20787, 20821, 20896.7, 21956.6, 23050, 23060, 23355, and 23569.7 Khz.

Anyone with updated station information can contact Richard via e-mail at [steck.richard@ntv7.ntrs.com](mailto:steck.richard@ntv7.ntrs.com), or drop me a note and I'll relay it.

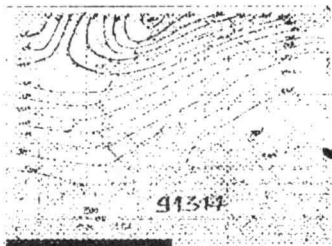
A welcome to new Speedx member Steve Wielgos from East Chicago, In, who likes to specialize in FAX reception. Steve sent me several of his recent captures as .PCX files.

The chart to the right is from Dakar Meteo, Senegal (6VU) at 1835 UTC, LSB/ISB in 120/576 on 19751.5 Khz.

### FAX Facts

Steve and I have been tracking the source of FAX charts being sent on 4857.0 and 11622 Khz. These USAF charts show they are prepared at Offutt AFB as they are marked "KAWN".

Through various sources on the internet we have learned that these charts may be coming from Homestead AFB, Florida. I wasn't aware that Homestead was that far along from its destruction by Hurricane Andrew in 1992. The February edition of the RTTY column in *Popular Communications* also mentions the possible resurrection of Homesteads FAX transmissions. This all came about just as I was getting ready to send the column, so I hope to have more info next month. A call to the Public Affairs Officer (PAO) at Homestead revealed the base is operating, but as an Air Force Reserve Station. Only a small portion of the former base will be used. As of deadline for the column, they had not called back to confirm Homestead is again a part of the USAF HFRB (High Frequency Regional Broadcast) system.



Steve Wielgos also forwarded this information on a change in NAM skeds:

### NAM Revamps FAX Operation by Steve Wielgos

It seems that NAM has revamped their whole fax operation. They have a new schedule which I received today at 2130 that says it is effective January 19, 1994. For some reason, it says Cutler, Maine instead of Norfolk, Virginia. It has tiny print that's very difficult to read on the screen. They made quite a few changes in the transmission times and they're sending satellite picture 19 times daily instead of the previous 10 times. The charts have a completely different look to them; the long computer plotted charts are gone and have been replaced with much smaller charts. They also have "NAVLANTMETOCEN" as chart titles instead of the previous "NAVEASTOCEANCEN".

They have changed their transmitting process too. Before there was a continuous white tone between the charts at all times, now there is dead air after the stop tone, between charts. There were quite a few charts that said "product not available", and some of the charts I got today have very strange looking distortion, like they're stretched out on silly putty, (I think they misfed the charts into the fax machine), so it looks like they haven't quite got it ironed out yet. They were also sending satellite pictures from the MET-4 bird at 0000 yesterday, they were 240/288 faxes of the South Atlantic. I don't see it listed in the new schedule though, so I guess it's not going to be a regular product. I'm keeping watch here to see what other weird stuff shows up.

Thanks to Steve for that flash, interesting changes. And last, but not least, apparently LRO84, Buenos Aires Meteo, has moved to 18620.5 from their old frequency of 18093. They are putting out great sigs to northeast Ohio and to Steve in Indiana, 1830 to 2230 UTC.

## MILITARY

### Canadian Forces

Last month I mentioned the City-class frigates the Canadian government is building. From a friend, Steve "Mr. Warship" Schultz, I received the following update: HMCS Halifax (FFH-330); HMCS Vancouver (FFH-331); and HMCS Toronto (FFH-333) are already commissioned and in service. If not in service already, the next should be HMCS Montreal (FFH-336) or HMCS Ville de Quebec (FFH-332).

### U.S. Navy

● Operation Support Democracy, the UN mandated sanctions against Haiti, has seen the multinational task force (CJTF 120) enforcing the sanctions completed its 100th boarding Nov. 26, when crew members from the frigate USS Ainsworth (FFT 1090) stopped and searched the Honduran-flagged cargo vessel "Black Eagle," which was bound for Miragoane, Haiti.

As of Nov. 27, more than 1,000 ships have been questioned via ship-to-ship radio as they entered the Windward Passage between Haiti and Cuba, 86 percent of the 100 vessels boarded have been cleared for entry to Haitian ports, and 14 merchant ships have been diverted for carrying prohibited cargo.

In addition to USS Ainsworth, U.S. Navy ships currently participating in the maritime interception operation include USS Conolly (DD 979), USS Barry (DDG 52) and USS Flatley (FFG 21). The amphibious assault ship USS Nassau (LHA 4) remains on station as well.

● The United States and the Government of Iceland have signed an agreement, the "Agreed Minute", which will keep U.S. Forces in Iceland. Specific details of how changes in operations at Keflavik will affect military units remain to be worked out in the ensuing months.

● Video teleconferencing was used by some deployed Norfolk-based sailors and their families over the holidays. Teleconferencing is a phone call in which you can both "see and hear" your connected party.

In late December, 112 sailors deployed to the Mediterranean with the USS Guadalcanal Amphibious Ready Group, took advantage of this technology via a video teleconferencing link between Naples, Italy, and Norfolk.

There are more than 125 video teleconferencing centers worldwide in the Department of Defense network. Each center has four audio microphones and two full-color video monitors, an incoming monitor that shows the images coming from the distant conference room and an outgoing monitor that shows what the other end is seeing.

● This month, the Navy began training aviators at Naval Air Station (NAS) Kingsville, Texas, using the new T-45 Training System (T45TS), which includes a sophisticated jet trainer, the T-45 "Goshawk."

The T-45 Goshawk is a single engine, turbofan, tandem seat aircraft. It is a highly modified version of the British Hawk which is currently used by the Royal Air Force and the air forces of nine different countries. The Goshawk is 39-foot long, has a wing span of almost 31 feet and weighs just over 10,500 lbs. It carries 3000 lbs. of fuel and has a range of approximately 700 miles.

### U.S. Air Force

● Three F-111 aircraft were the last to depart for the United States Dec. 7, from RAF Upper Heyford. The base is drawing down. The 20th Fighter Wing is scheduled to move to Shaw AFB in 1994 and the base, previously targeted to go into standby status, will be returned to the British government, according to the Air Force News Service.

● Two squadrons of F-16C aircraft with the 86th Wing at Ramstein AB, Germany, will be permanently relocated to the 401st Fighter Wing at Aviano

AB, Italy, beginning in April. The aircraft will re-establish a fighter presence in the southern region of Europe in response to NATO tasking, said base officials in a release by the AFNS. Coinciding with the F-16 transfer, the 512th and 526th Fighter Squadrons will be inactivated at Ramstein.

●The first operational B-2 stealth bomber arrived at Whiteman AFB, Mo., Dec. 17, the 90th anniversary of the Wright Brothers' first sustained and controlled flight by a heavier-than-air vehicle over Kitty Hawk, N.C.

Gen. Michael Loh, Air Combat Command commander, was one of the primary crew members delivering the bomber. Those who may have heard "ACC-1" (some thought it was ACE-1) that day, made the first known ute logging of a B-2!

The B-2 was delivered from Edwards AFB, Calif., to the 509th Bomb Wing at Whiteman. After this first delivery, other B-2s will be delivered to the 8th Air Force base at a rate of about one every three to four months. The Air Force has purchased 20 of the stealth-technology aircraft and expects to have them fully operational by the turn of the century.

●The first of eight B-52H Stratofortresses arrived at Barksdale AFB, La. Dec. 7, making the 917th Wing the first Air Force Reserve unit equipped with bombers.

The 917th is scheduled to receive one B-52H per month until it has all eight aircraft, said Reserve officials in a release by AFNS. The first aircraft to arrive had been based at Fairchild AFB, Wash.

●The 48th Fighter Wing at RAF Lakenheath, England began a new era when the first of 21 F-15C aircraft arrived from Eglin AFB, Fla., in November to reconstitute the 493rd Fighter Squadron.

The Liberty Wing's newest squadron was scheduled to be activated Jan. 1, 1994. The 493rd formerly was an F-111 fighter bomber unit.

●Operation Provide Promise, the United Nations' humanitarian relief effort into Bosnia-Herzegovina, is being beefed up with the help of additional C-130 aircraft from U.S. National Guard and Reserve units.

Several installments of aircraft are due at Rhein-Main over the next few weeks. The first aircraft, from the 123rd Air Wing, Air National Guard, Louisville, Ky., arrived Dec. 18. Members of the 910th Airlift Group from Youngstown, Ohio, arrived Dec. 19. Arriving the first week of January will be aircraft from the 403rd Airlift Wing, Keesler AFB, Miss.; the 934th AG, Minneapolis-St. Paul; and the 913th AG, Willow Grove ARS, Pa, according to AFNS.

For quite awhile now, an additional station has been heard on the GHFS frequencies. The ID is BAYONNE, and in response to a question by an aircraft recently they stated they were in Bayonne, NJ. The station seems a mystery to a lot of the aircraft using GHFS, and their signal strength doesn't seem to be equal of the other GHFS stations. Wonder if this is some sort of temporary station for some reason?

## MARITIME

### Tales of CS's, CSS's and HMCC's

A few months ago I had logged the "CS" Alert in ARQ, and immediately jumped to the conclusion that CS stood for Customs Ship, as that was the only Alert in my data base. So being the persistent QSL'er of warships and other government ships that I am, I fired off a QSL request to what I thought was the proper address.

Well, as they say, "live and learn". First, I sent the letter to the Maritime Naval HQ of the Royal Navy, at Mount Wise, Plymouth, which is the Ministry of Defense HQ and has nothing to do the Her Majesties Customs and Excise Marine Division. But they kindly forwarded my letter to the proper address. While all this was taking place, I had found out via Ian Baxter, an assistant utility editor of the World Dx club who lives in England, the sad news that this was not a customs ship. Ian drove into London for me to do the research. As a letter from Her Majesties Customs and Excise Marine Division later confirmed, the "CS" is Alert stands for..."Cable Ship". These ships are owner and operated by British Telecom (BY Marine) for laying undersea cables.

The senior officer of Her Majesties Customs & Excise Marine Operations Unit instead of having a good laugh at my expense, took the time to forward information on their newest "cutter", HMCC (Her Majesties Customs Cutter) Vincent, fourth of the new Protector-class cutters. He was also kind enough to forward my now well traveled letter to the CS Alert. Ten days later I received my PFC back, as well as some nice information on the "CS" ships.

I later wrote to BT Marine for further information on their ships, and they were kind enough for forward their booklet "The Fleet", and several months editions of their industry magazine *Soundings*. The CS ships have a long history which dates back to the early 1900's. These ships were also in active war service during WWII maintaining submarine communications lines. Several were lost to submarine attacks. An interesting history for sure.

I did some research and here is some information on the Cable Ships of BY



Marine:

CS Nexus, built 1972 and 17,000 tons. Unknown callsign.

CS Sovereign, callsign GPAB. Weight: 13,018 tons.

CS Alert, callsign GHJW. In addition to cable

laying duties, she is contracted to MoD (Ministry of Defense) as the rescue control vessel and mother ship to the LR5 manned rescue submersible, which is also owned and operated by BT Marine. The LR5 is deployed in the event of a submarine in distress. CS Alert weighs in at 9,346 tons.

CS Iris, callsign GVFA. Weight is 4,639 tons.

CS Monarch, unknown callsign. Sister ship of CS Iris. Mainly deployed in the North Sea and English Channel for cable maintenance duties. Weight 4,742 tons.

Discovery, no "CS" prefix. Callsign GLNE. Commissioned in 1990, she is a state-of-the-art dive support vessel. Based at BY Marines offshore base in Newcastle, she weighs 10,295 tons.

And not to be confused with the CS ships, we have the CSS's. I started hearing these ships all the time in the last few months on 2182.0 in comms with Canadian CG stations. I started asking around via the internet what "CSS" stood for and the best answer was "Canadian Steam Ship", which sounded a little doubtful to me.

Then I received a lead (in fact several) from folks who had been on some of these vessels. I found that CSS stands for Canadian Survey Ship. These ships operate out of the Bedford Institute of Oceanography, Dartmouth, NS, Canada, B2Y 4A2, and are similar to the U.S. NOAA ships. Bedford is the main research institution for the Department of Fisheries and Oceans in Canada. The west coast equivalent is the Institute of Ocean Sciences, Patricia Bay, 9860 West Sannich Road, P.O. Box 6000, Sidney, BC, Canada V8L 4B2.

On the east coast I have heard so far: CSS Parizeau, CGBS; CSS Hudson, CGDG; and CSS Alfred Needler, CG2683. One ship, CSS Dawson, was recently decommissioned. The last known west coast ships were CSS Vector and CSS Tully. I recently QSL'ed the CSS Parizeau through the Bedford address. I had written Bedford requesting information on them and their ships, but so far there has been no reply.

## Callsign Changes

For those that may have missed it, the January 1994 Utility World column in *Monitoring Times* lists several callsign changes to maritime stations in the former Soviet Union. For Odessa Radio, UDE is now UTT and UFB has been replaced by UUI. Kiev Radio is now using UTQ which replaces UJQ. And Mariupol Radio has replaced UDC with UTW and UBN with USU. I have noted Odessa using the new callsign's. All of these stations are in the Ukraine.

I can also add Klaipeda Radio, Lithuania, which is now using LYL. This replaces their old callsign of UMN2.

Watch for more changes as the new countries adopt their new callsign blocks, replacing those used in the former Soviet Union. It seems a lot of the ships are switching from "U" to "L" prefixes also, many dropping the traditional Russian "TH", "BATM", etc prefix for the ship name to the more common "M/T", "M/V", etc prefixes in the process.

## Cruise Ships

Latest word on Carnival Lines new cruise ship Fascination is that the ship will be underway from Europe to the east coast of the U.S. on its maiden voyage sometime in July of this year. The next "mega" cruise ship from Carnival will be Inspiration, which will be launched sometime in 1995. In 1996 Carnival will launch a yet un-named ship, which when its in service, will be the largest cruise ship afloat. Meanwhile the newest Carnival ship in service already, the M/S Sensation, is very active on the coastal station frequency pairs with radiotelephone traffic.

## AERO

Tim Braun (Va) sent an interesting article from *Aviation Daily* on the feasibility of switching to the planned ICAO communications, navigation and surveillance/air traffic management system envisioned for early next century.

This satellite-based air traffic management system would help handle growing air traffic across the Pacific. A conference, held in Los Angeles in November to address these concerns, was attended by representatives of 36 countries. Apparently the use of the U.S. GPS system has aroused concerns that the GPS system will be controlled by the U.S. military.

Tim also forwarded this information:

According to the December 30, 1993 issue of *Aviation Daily*, Portuguese civil aviation authority ANA has begun using VHF Aircom, Sita's air-ground communications service, for data link oceanic clearance transmitting trials over North Atlantic airspace. Controllers at Santa Maria Oceanic Control

Center send clearance messages via the VHF data link to scheduled flights. Formerly the only way for controllers to send clearances was by HF radio. Now, aircraft equipped with data link can receive clearances on a cockpit printer, enhancing flight safety by reducing the possibility of errors inherent in voice exchanges. For now, crews must request data link clearances and read them back on HF radio, but in the future the functions will be automatic by the data link system. Sita said the trials are part of its commitment to assist airlines and civil aviation authorities with the introduction of IATA's CNS/ATM concept. Similar programs are operating in Atlantic airspace controlled by the British & Icelandic authorities. In the future, it is envisaged that Sita's VHF Aircom will be used for pre-departure clearances, automatic terminal information service and weather reports.

Thanks for the update Tim. This system sounds a lot like the ACARS VHF system used by Arinc, which is for the same purpose. Those of you that regularly monitor aero traffic of all types, Universal Radio has the M-400 out now which can decode ACARS data. Remember this is all on VHF and the end result will be less HF traffic.

## Navy MARS Update

NNNOCLN is USS Conserver (ARS-39) FPO AP 96662-3202, NNNOCUY is USS Cayuga (LST-1186) FPO AP 98666-1908, and NNNOCWK is USS Comstock (LSD-45) FPO AP 96662-1733. All of these had been listed as decommissioned ships.

## Questions Answered

Mike Hardester (NC) wrote concerning the closing of the USCG Loran Stations (Nov. 1993 Utility Notes). Having joined the Navy in 1972, Mike recalls seeing logs of the Loran nets in early Speedx columns. Turns out Mike was able to actually go to LorSta Gesashi, and ended up his career stationed on Iwo Jima. Mike reports the tower at Iwo Jima being 1,350 feet. For those who may read this and are still on active duty, Mike encourages them to utilize every opportunity for visiting such historical sites. Iwo Jima, like many others, are not readily accessible by non-military personnel.

But his question is one often asked; "where do you find sources of addresses for ships?" This is a tough one, merchant ships change agents, companies and/or names like most people change socks. Military ships can be a little easier, lets start with them. For the U.S. Navy, go to your local Post Office and purchase Publication 65, National Five-Digit ZIP Code and Post Office Directory. Cost is US\$15.00. Section 12 in volume 2 contains addresses for U.S. military bases and the FPO's for Navy ships. If the ship is too new and not listed, send your letter in care of the Department of the Navy, Washington D.C., with a request on the envelope to "please forward".

For ships of the Royal Navy, there is only one address: BFPO Ships, London, England. In Canada, there are two addresses, depending on where the ship is homeported; east or west coast. For those on the east coast, its FMO Halifax, NS, B3K 2X0 and the west coast is FMO Victoria, BC, V0S 1B0. So, for example, if the ship is in communications with Halifax, that's where she will be homeported, and the same if its Vancouver Military on the west coast.

Now for the merchants. To obtain a current year guide, be prepared to spend a good chunk of change. Most of the big names cost well over US\$200.00. But, you can obtain a slightly out-dated edition through many specialty book sellers. I know Jim Navary was lucky enough to snap up the prior years edition of Fairplays for under US\$45.00, a savings of well over US\$100.00!

Besides Fairplays and Janes, there are a couple other titles that list this type of information. Next month we will list addresses for some of the major fleets compliments of Jim Navary.

Next question: Echo Fox Tango. Although this is how it sounded over the air, the line should be read "Echo (this is) Fox Tango". When listening to the Navy "Fox" or "Foxtrot" nets, the station being called is usually stated first, and the station calling is stated second. There is a unstated "this is" in between. You have to listen closely to catch the slight voice inflections that give indications. Don't let the phonetics fool you! His Romeo Mike is his Radio Man. The Uniform Hotel, sometimes Uniform Hotel Foxtrot is good old UHF. The same goes for Hotel Foxtrot, or as we know it HF. Whether its Foxtrot Tango, Foxtrot Mike, etc, the Foxtrot call will be a two-letter callsign and acts as Net Control Station for the net.

Careful listening is required to follow at least some of what's going on in these nets. The comms can be fast, and I'd swear those guys make some of this stuff up on the fly!

That's it for this month folks. I'll be seeing some of you at the Winter SWL Festival in Kulpsville, Pa. in March, so look me up.

DE RD



THE 1994 NORTH AMERICAN DX CHAMPIONSHIPS (NADXC)  
A Shortwave Listening Contest Sponsored by  
The Association of North American Radio Clubs (ANARC)

PURPOSE

This contest is designed to promote the shortwave listening hobby and to provide those SWL's and DXer's interested in competing an opportunity to participate in a carefully run, challenging contest.

ELIGIBILITY

The 1994 DX Championship is open to all DXer's residing in North America [as defined by the country list of the North American Shortwave Association (NASWA)]. Members of the NADXC Administrative Committee are excluded from participation.

LISTENING PERIOD, FREQUENCIES, AND TIMES

The contest listening period will begin on Friday, 4 March 1994, at 1900 EST (0000 UTC) and end Sunday, 6 March 1994, at 2359 EST (0459 UTC). This contest coincides with the beginning of Shortwave Radio Week (which runs from 6-13 March).

PRIZES

Plaques will be awarded by ANARC to the top three finishers. The top finalist will receive a pair of JRC headphones courtesy of Paul Lannuier at Japan Radio Company. JRC coffee mugs will be awarded to second and third place winners. All entrants will receive a participation certificate indicating that they competed in the 1994 North American DX Championships. The certificates for the top 20 will have their place of finish in the NADXC indicated on the certificate.

SCORING

Contestants are to log as many stations as possible from as many countries as possible within the prescribed listening parameters. The first station logged from each country = 1 point. The second station from each country = 3 points; each additional station from that country = 5 points. For contest purposes, all clandestine stations and hobby pirate transmissions will be considered one "country." A station is a shortwave broadcaster whose transmissions are intended for reception by the general public. Each transmitter site of a broadcasting organization will count as a separate station. Different services of the same broadcast organization do not count as separate stations. Transmissions of a single broadcast organization on various frequencies may only be counted once. The use of multiple frequencies does not create as many new stations as frequencies used. For country counting and station counting purposes, the country list of the North American Shortwave Association (45 Wildflower Road, Levittown, Pa 19057) will be the sole criterion.

Participants are required to submit a running log to include country, station, frequency, time, date, SINPO, and the basis of station identification (i.e., spoken ID, interval signal, language, known//frequency checked, etc.).

Each contestant is required to total his own entry and provide a summary of the number of countries and stations claimed to support the point totals. The receiver(s) used in the contest must also be indicated. Logs will be judged on accuracy, completeness and neatness. If the judges cannot read a log, it will not be counted for scoring purposes. The decision of the judges is final.

SPECIAL HOLLOW STATE CATEGORY

A special category is available for DXer's using vacuum tube equipment. Contest rules remain the same except all contest loggings must be made on hollow state equipment. The NADXC participation certificate will be appropriately annotated and a special plaque will be awarded to the top finisher in this category.

FEES

An administrative fee of \$4.00 plus a \$0.52 stamp must be provided for each contest entry. All entries must be postmarked by Friday, 14 March 1993, and sent to:

Dr. Harold Cones, Two Whits Court, Newport News, VA 23606 USA

Contestants will be notified of the results in June, and a list of winners will be sent to each of the ANARC member clubs for publication.

Good luck from the 1994 NADXC Administrative Committee - Harold Cones, John Fisher, and Kris Field.

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SUBSCRIPTION/MEMBERSHIP FEES

|   |          |                                      |          |
|---|----------|--------------------------------------|----------|
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