

SHORTWAVE RADIO TODAY

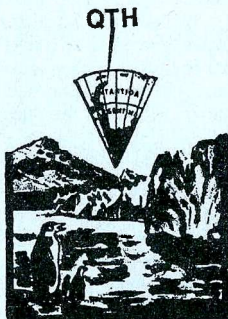
LRA 36

— RADIO NACIONAL —
 «ARCANGEL SAN GABRIEL»

QTH
 9411 Base ANTARTICA ESPERANZA
 TERRITORIO ANTARTICO ARGENTINO
 REPUBLICA ARGENTINA

UBICACION GEOGRAFICA

-Lat 63° 24' Sur
 -Long. 56° 59' Oeste



LRA 36, ARGENTINE ANTARCTIC TERRITORY

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NEW FROM THE SPEEDX SUPERMARKET

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PEGGY THOMPSON, SPEEDXER OF THE YEAR

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MARCH, 1992

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THE DXPERIENCE

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



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

MARCH 1992

GREETINGS FROM WHEELING

Well I gotta tell ya, this has certainly been one crazy month here in suburban Chicagoland. The life of a high school band director is never dull, especially when taking 66 student musicians on a whirlwind tour of Orlando, Florida with performances at EPCOT, the Magic Kingdom and Universal Studios. Being in charge of so many teenagers left me no time for exploring the joys of DXing Caribbeans on medium wave or trying to see if being 1100 miles closer to Bolivia makes any difference on 60 meters. Oh well, that will have to be another trip... Besides, the Sangean's digital

display went blank so my listening lately has been a little less efficient. I hope March is more productive!

Anyway, thanks to all of you who took time to write me with comments and suggestions for the column. I love getting mail, so keep those cards and letters coming! Remember, if you don't like the new name "The DXperience," you're stuck with it unless you make your voice heard! Also, please write with any questions you might have. I'm no expert, but I'll do my best to help out those of you who are newer to the hobby. And now, a special announcement from SPEEDX headquarters out east:

IT'S THE SPRING 1992 ALL SHORTWAVE BAND DXING CONTEST!

Yes, you heard right! We're gearing up for a week-long frenzy of searching the bands for as many stations as possible. This is your chance to test your luck and skill in the fine art of shortwave listening. Between 1200 UTC on Friday, March 20 and 1200 UTC on Friday, March 27, keep a record of everything that you hear. Write down the same info that you would for a report to a SPEEDX column, i.e. country, station/site, frequency, time, date and program details, and mail your loggings to Peggy Thompson, 2706 Alabama St., La Crescenta, CA 91214, by April 10 to be eligible for some great prizes.

And guess what? You don't even have to have the most stations logged to win! Peggy is going to toss all of the entries into three hats. One will contain entries of 25-50 stations, another will have entries with 51-75 stations and another with entries of over 76 stations. Then she will randomly pull one from each hat and proclaim those three to be victorious. But it gets even better. Not only do you get the excitement and honor of being listed in the bulletin, but you also get an awesome prize: 25-50 stations—a Radio for Peace International T-shirt, 51-75 stations—a Radio New Zealand T-shirt, 76+ stations—a SPEEDX T-shirt (do you sense a theme here?) By the way, the RFPI and RNZ shirts come in large only, but the SPEEDX one comes in all sizes, so please specify size and black on white or white on black if you send in a 76+ station entry.

And now I get to list all of the rules and regulations. First, all loggings must be heard during the contest time specified above. No incomplete loggings will be counted. Stations heard must be legitimate broadcasters, so pirates don't count, nor do clandestines or utilities (sorry, Chuck!) Each transmitter site may be counted only once, so if you hear VOA, R. Marti and the BBC all broadcasting from Greenville, NC, you can only count that once. However, if you hear R. Australia from Shepparton, Carnarvon and Darwin, you can count that as three different stations. If you are unsure of a transmitter site, check the World Radio TV Handbook or recent SPEEDX columns. Finally, this contest is not open to SPEEDX members who are listed on the back of this bulletin, and, of course, it is void where prohibited by law.

So crank up those Kenwoods, Sonys and Yaesus (and yes, even that old Radio Shack Astronaut-4) and start listening. Let the games begin!



MARCH HOLIDAYS

From Federal Express via Don Weber

Many countries will observe Carnival early in the month including: **Bolivia, Brazil, Ecuador, Germany, Netherlands Antilles, Panama, Portugal, Uruguay and Venezuela.**

Many countries will be observing the first day of Ramadan, Ramzan or Ramazan on the 5th or 6th: **Benin, Malaysia, Maldives and Pakistan.**

Other dates of note:

Australia: Canberra Day 16th
Bangladesh: Independence Day 26th
Bulgaria: Day of Liberation 3rd
Cyprus: Greek Independence Day 25th
Ghana: Independence Day 6th
Hungary: National Holiday 15th
Ireland: St. Patrick's Day 17th
Israel: Purim 19th or 20th
Namibia: Independence Day 21st
Paraguay: Heroes Day 1st
South Korea: Indep. Mvmt. Day 1st
Syria: Revolution Day 8th
Tunisia: Independence Day 20th

Remember to listen for Ireland on the 17th (UTC) around 6260 kHz!

THE CLANDESTINE ACTIVITY SURVEY

from Mathias Knopf, Clandestine Monitoring & Research via Bob Thunberg

During the past 12 months the activity of clandestine stations on shortwave has decreased by 9.5%. The present number of weekly broadcasting hours is 2066, compared with 2284 hours at the same time last year. Contrary to previous years, there is a similar trend on all continents. Activity to Asia has decreased by 3.8%, to America by 4.1% and to Africa by 32%.

The number of active target areas has decreased from 27 to 26, but there were actually more changes than this figure would suggest. Clandestine broadcasts to Libya, Somalia, Chile and Sri Lanka have stopped during the past year, while India, Taiwan and Mozambique were new entries in this year's survey.

The biggest changes from last year were reported from the Middle East where clandestine broadcasts to Iran, Iraq and Saudi Arabia were fluctuating after the end of the Gulf War.

Cuba remains the most active target area with 405 weekly broadcasting hours, followed by Iran with 302 and Iraq with 180. Clandestine broadcasting to Ethiopia and Saudi Ara-

bia, which both appeared in the "Top 3" last year, dropped significantly.

If you would like more info, contact Mathias Knopf at: Clandestine Monitoring & Research, Mähr.-Schönberger-Str. 9, D-6430 Bad Hersfeld 1, Federal Republic of Germany.

MORE ON APARTMENT ANTENNAS

Last month you may remember that I wrote about a book on antennas for apartment dwellers. This month I received a letter from Don Rontanini who is fairly new to the hobby about his unique solution to setting up an antenna for his eighth floor condo:

"My wire-entangled wife of 36 years agreed to my hobby at retirement if I untangled her. I now offer you a tip of the month for DX'ing after struggling with my antenna problem. My radio, an FRG7, sits next to a window in the spare bedroom on my desk, and a three foot piece of 16 gauge wire runs from my radio out the window and is attached to my aluminum balcony. The ground also goes out to the window and attaches to the outside plug outlet. My signal went from fair to excellent and my "s" meter is usually over 9 dB. I could never imagine the improvement! It was well worth all the antenna experimenting I was doing, not counting a happy wife. Hope to save any newcomer a headache, especially if they have a metal balcony or any ungrounded metal to which they can sneak a wire to from any nosy neighbors."

Thanks for the tip, Don!

ATTENTION WEST COAST LISTENERS!

from William Flynn, WDX7AF

There is a West Coast SWL Net every Saturday morning on 7268.5 kHz LSB (\pm due to QRM). Jim Olsen, N6IFO in San Francisco, presides. It's audible from Seattle to San Diego, but only a few people have joined them so far, so give it a try!

UNIVERSAL RADIO IS MOVING!

One of the many fine companies handling shortwave equipment and accessories is moving to a new location. Universal Radio will now be at 6830 Americana Parkway, Reynoldsburg, OH 43068. Their toll-free number will remain the same: (800) 431-3939. If you haven't yet received their 1992 catalog, write or call for your copy. Their selection is excellent and their service is, too!



TIPS FOR DXING

Okay, so you've been DXing for six months or a year and you've managed to hear all of the major Europeans, even the difficult ones like Luxembourg and Poland. Besides the obvious easy targets like the myriad American/Canadian outlets, you've also caught some fairly impressive ones like All India Radio. But now you seem to have hit a wall—how can you add to your country count? Well, it's time to delve into foreign language DXing!

While this may be second nature to 90% of the club, I still remember how long it took me to try to ID even the easy Venezuelan stations, so I'm going to provide some tips to help you get into practice and hopefully open up a whole new world (pun intended) in your listening.

SPANISH

It seems that this is the most logical place to start since there are so many stations that come into North America with good signals from Latin America. In order to get a clear ID, here are some suggestions:

- 1) As with any station, listen around the top of the hour and at half past. Time pips often precede the ID which is occasionally repeated and drenched in echo.
- 2) While all stations have call letters, very few Latin Americans use them with any regularity.
- 3) Many stations belong to networks and will ID as such. A typical one is CARACOL in Colombia.
- 4) At sign off, there is often an elaborate ID that includes an address, transmitting power and frequency. 0300, 0400 and 0500 are popular sign off times. You might also hear the national anthem. You can get recordings of these at your local library or a large record store to help you to narrow down the country you heard.
- 5) Set up a tape recorder by your radio. If you can connect them by patch cord, so much the better. I use a jury rigged system: a cord runs from the radio's headphone jack to the mike jack on my walkman. I then pop in a tape and hit record, listening with headphones on the walkman. This way I can go back and listen several times to a single sentence to make sure I know what I heard. This was how I captured my very first Latin American, Ecos del Torbes from Venezuela on 4980, back in the late seventies.
- 6) It helps to know some key words in Spanish. The name of the station will usually follow one of these phrases:

Esta es (This is . . .)

Aquí (Here is . . .) pronounced ah-kee

Habla (This is . . . speaking)

Emisora (Broadcasting station)

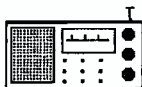
Escuchar (You are listening to . . .)

Transmite (This is . . . transmitting) pronounced trans-mit-ay

Now that you know what to listen for, here are some easy targets you should be able to hear:

USA	R. Martí	9525	all evening, actually just programs to Cuba over VOA transmitters
Mexico	R. Mil	6010	late evening when band clears out
	R. Educación	6185	all evening
Honduras	L V Evangelica	4820	evening, religious programs
Colombia	Caracól	6075	all evening, from the capitol, Bogotá
Ecuador	R. Quito	4920	evening
Venezuela	R. Rumbos	4970	all evening (Radio Ruuuuuumbos!)

For more tips, listen to the DX Partyline on HCJB (0237 on Sunday UTC) and check out the Western Hemisphere column in SPEEDX. Also, I highly recommend that you buy a World Radio TV Handbook (WRTH) for country by country listings of stations and frequencies. By the way, if you want to hear the Brazilians, Portuguese is very similar to Spanish, and the key words are practically the same in both languages, so start listening and "buena suerte!" (That's Spanish for "good luck." As you can tell, I'm quite the linguist. . .)



QUESTIONS AND ANSWERS

I received a question this month from Charlie Gaharan via our esteemed CDE, Ed Cichorek. Seems Charlie has been having problems getting a QSL response from the VOA. Well, make sure you have the right address: Voice of America, Washington, DC 20547. If you check any of our recent bulletins, you'll see that they are a reliable and quick verifier. VOA is also an excellent way to get a number of countries QSL'ed through their relay stations around the world. Check the WRTH or our bulletin for times and frequencies of the various sites. Also, the Bethany, Ohio site has a special address for a 50th anniversary card: Voice of America, Bethany Relay Station, P.O. Box 227, Mason, OH 45040. This will be a collector's item, so write for it soon! A good bet for hearing this transmitter is the African service on 9575 kHz from 0300 to 0600.

CATALOGS UPDATE

I've received some interesting catalogs here in Wheeling lately. The first is from Grove Enterprises, Inc. Besides the listings of receivers, books and accessories, there are some short articles to help new listeners such as choosing a receiver, a list of the top 100 utility frequencies and choosing a scanner. All of the product listings include plenty of information and specs so you can make informed purchases. Contact Grove at 140 Dog Branch Road, P.O. Box 98, Brasstown, NC 28902-0098 or at (800) 438-8155.

I bet many of you are on the mailing list of DAK Industries. This is a company that offers a wide variety of electronic equipment from stereo components to home weather stations to shortwave radios. Their latest catalog includes a \$49.90 PLL Digital Shortwave Receiver MR-101S. They also advertise a "Short-

wave Station Stalker" for \$29.90 that seems to be some sort of combination indoor antenna/tuner/signal amplifier. It has a gain control, a tuning knob, a whip antenna and a patch cord to attach to your radio's external antenna jack. "Just as the magnifying glass concentrates all the blazing heat of the sun on just that one spot, the Station Stalker works with the shortwave radio to precisely lock onto and amplify only one frequency—the one you want to hear." I'd be curious to hear if anybody has any experience with this product. Contact DAK at 8200 Remmet Ave, Canoga Park, CA 91304 or at (800) DAK-0800.

THE 1992 WRTH

I just received my new World Radio TV Handbook. If you don't know about this publication, buy a copy as soon as you can—it's the best \$19.95 you can spend. It contains information such as frequencies, schedules, addresses, IDs, interval signals and much more for every radio station in the world. Order it from any of the SWL mail order houses listed in this column or in any popular hobby publication.

Some obvious changes in this year's edition include separate entries for the countries of Estonia, Latvia, and Lithuania as well as complete Radio Moscow technical data. The eight pages of frequencies, powers and transmitter sites (as of Oct. 15) may or may not still be valid.

The "Listen to the World" section in the back includes info on satellite antennas and reviews of receivers, antennas and software. My only complaint is that I didn't receive the WRTH until mid-February, and many of the schedules contained within will be out of date by the spring. It's still my most important reference, though, and I'm glad my new copy doesn't have any pages falling out yet!

THE SPEEDX CLASSIFIED ADS

FOR SALE: Yaesu FRG-7700 all mode xcvr, 150 kHz - 30 MHz. Excellent condition. Gilfer modified IF filter system of three tight skirted AM bandwidths: 2.2, 4, and 6 kHz. Includes all cables, compatible tape recorder for timed program recording, owner's manual and schematic. \$475. John Barkoot, 26181 Briardale, Euclid, OH 44132 or call (216) 731-1346 after 2300 UTC.

FOR SALE: Reconditioned National High Frequency receiver type NC-120, US Navy model RAO-7. Covers 560 kHz to 30 MHz, manuf. 1938. Will sell or swap for ham gear. Thomas Buchanan, P.O. Box 221, Hartsville, SC 29550-0221. Thomas is interested in becoming an amateur radio operator. He is disabled and is looking for some help getting into the hobby. Can anybody help?

FOR SALE: JRC NRD 525. Mint condition, new in 9/89. With NVA-88 speaker, Murara 4 kHz filter, standard JRC 2.3 kHz filter and optional JRC 1.8 & 1.0 kHz crystal filters. \$1600 value for only \$900, plus shipping! Mark Seiden at (305) 371-6421 weekdays or P.O. Box 112007, Miami, FL 33111-2007.

Portables on Parade

The SPEEDX Receiver Review Column

edited by

Don Brewer

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

SANGEAN ATS-818CS
BY RANDY MINNEHAN, OH

Two new models by Sangean are now on the market: the ATS-818 and the ATS-818CS; the first portable world band radio with both PLL synthesized digital readout and a built-in cassette recorder. I recently purchased the '818CS.

Features include two bandwidths, RF gain control, a BFO (beat frequency oscillator) switch and knob for SSB and CW, tone control, dual 24-hour clocks (UTC is displayed at all times) easy to use keypad, easy to read large digital frequency display, 7-step signal strength indicator, 45 station memories, single event sleep/ timer function, built-in telescopic and ferrite rod antennas, DC power jack, headphone jack (mini-plug), and an external antenna jack. An AC power adapter is included or can be powered by 3 "AA" and 4 "D" size batteries. Using both the cassette and radio at the same time drains a fresh set of batteries in about four hours. A battery strength indicator is displayed for a few seconds in place of the signal strength indicator when the receiver is turned off. The receiver weighs about 4½ pounds with batteries.

Frequency range is continuous from 150 to 29999 kHz and also includes 87.5 to 108 MHz for FM broadcast. Tuning offers choices of keypad entry, side mounted tuning knob or up-down step buttons. With the tuning knob, increments are 1 or 5 kHz with 1 kHz resolution displayed, and by flipping a switch, frequency can be locked in place. Exact frequency choice can be made by keypad entry or browsing can be achieved by meter band entry and/or the easy to use scanning feature.

The front panel layout of the '818CS is convenient, with dials and buttons allowing easy operation. The UTC clock is displayed at all times, a large frequency readout and a fold-out stand on the back of the radio holds the receiver on a table top at about a 45 degree angle for easy viewing. The tuning knob is side mounted for easy operation, especially when using the fine tuning. To use the keypad to find a particular frequency, simply press the "FREQ" button, press the desired numbers, and that's it! The keypad buttons have a good feel to them, allowing smooth operation. Frequencies are entered in kHz rather than MHz (although displayed in MHz), thus eliminating the need to enter a decimal point. A decimal point is used in the FM band. Entering memory is simple, and recalling memory is done by using one button for station desired, rather than the more cumbersome two button operation of previous Sangean models.

The '818CS has two bandwidth filters, wide and narrow, which are satisfactory but could be better. The wide filter is a bit too wide and selectivity suffers when trying to hear weaker stations. The BFO allows reception of single-sideband stations with some difficulty because of the tight tuning range of the rotary knob. Selectable switching to LSB and USB is not possible.

A 50" telescopic antenna is provided, which is okay for listening to stronger stations, but an external antenna is needed for the weaker ones. Using a 100' dipole antenna with an antenna tuner, I found the '818CS to be a surprisingly good performer! A mini-plug external antenna jack is provided on the side of the receiver. PLL synthesized tuning assures a good frequency, and in spite of the need for better selectivity, overall performance isn't bad.

The built-in cassette recorder can handle either normal or chrome tapes and has a built-in condenser mic. In this day of fancy recorders, this is definitely a "no frills" model. There is no counter provided, no auto reverse and not even an external mic jack. But the cassette recorder has

a good feel to it and a good automatic level control which produces pleasant cassette recordings from the radio. Overall, I found the recording quality very good, and it is easy to use. It comes in very handy while DXing and I am glad I spent the extra \$30 for the cassette recorder option. Of course, the recorder is activated automatically when desired by using the single event function of the radio's built-in clock-timer.

Because of the recorder space in the '818CS, the speaker is rather small and the audio could be better. For headphone use, a mini-plug jack is provided on the side of the receiver.

The Sangean ATS-818CS is a fine performer for the price, which is \$359 list. The '818 is \$299. My receiver was discounted to \$249.95 from a discount outlet, which charges \$219.95 for the '818.

The ATS-818 is also sold by Radio Shack as the DX-390 (with no recorder) for \$239.95 and the AC adapter is an optional extra (they just arrived at Radio Shack stores in the Kansas City area this week [mid-February] - ed.).

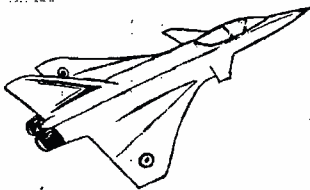
This Sangean portable will not match the performance of my NRD-525 or any other expensive state-of-the-art table top receiver, but it is a surprisingly good receiver for both shortwave listeners and DXers alike.

Welcome to SPEEDX, Randy, and thanks for that excellent review. Others who might want to write a review could do well by using yours as an example.

I STILL NEED REVIEWS!!! So what else is new? I noticed in one of the logs in the February issue that a SPEEDX member received a new Sony SW-77 as a Christmas present. WOW! If he reads this, I would appreciate having him consider sending me a review of his new SW-77. Tell it as it is, the good and the bad.

Enjoy your receivers, and please tell me and the membership what you think of them!

73,
Don



French Air Forces
FDY

B. A. 123
45037 Orleans-Cedex

To: Patrick O'CONNOR
Plain Rd.
HINSDALE, NH 03451
USA

We confirm your reception report

Date: 21 Dec 86 Time: 2050 UTC

Freq: 7.828 MHz Ant: LW

Power: 400 Watts Mode: CW



WHAT'S ON

ENGLISH BROADCAST TO NORTH AMERICA



Daniel Sampson 4 Turtle St. Arcadia, WI 54612

There aren't very many changes to report this month so let's see what the BBC has to offer this month from the pages of London Calling. But first a reminder that on March 29 European daylight savings time starts. Broadcast from R. Sofia, R. Finland, R. Belgium, R. Vilnius, R. Yerevan and R. Moscow will be one hour earlier on this date. We'll have the full four page What's On next month taking these changes into effect. Now to the BBC programming as promised.

George Macpherson explores some of the hurdles which need to be overcome to give women more time to carry out their many responsibilities in **HOLD THE BABY**, March 29 at 0230 UTC repeated at 1615 and March 30 at 0730.

BBC's call in program **IT'S YOUR WORLD** will be talking to Vytautas Landsbergis, the president of Lithuania, on March 22 at 1401 with repeats March 23 at 0630 and 1001.

Would you like to learn more about the British aristocracy? Then listen to **BLUE BLOOD** on March 22 at 0230 UTC with repeats at 1615 and March 23 at 0730.

For those of you who enjoy drama, Franz Kafka's novel **AMERIKA**, about a young Karl Rossmann who sets sail for the U.S.A. and tells of his struggle to gain some sort of foothold and to find acceptance in a strange and mystifying country. Tune in March 16 to April 3 Monday-Friday at 0430 UTC with a repeat at 1430.

BBC's **COMPOSER OF THE MONTH** is Richard Strauss, the last of the great romantic composers airs during March Mondays at 0230 repeated at 1130 and Tuesdays at 1715.

If you want to listen to a variety of music from soul to folk to gospel, punk and country spiked with controversy and comment, tune into **POLITICS AND POP** presented by Billy Bragg on Mondays at 2215, Tuesdays 0630, Wednesdays 1615 and Fridays 1030.

POEMS BY POST where you can request poems to be read airs until March 30 on Mondays at 2315, with repeats Tuesdays at 0445 and 0930.

A review of the British weekly press can be heard on **FROM THE WEEKLIES** on Saturdays at 0030 repeated at 1045 and 1945.

Each week a classic Top 20 from the past can be heard with Paul Burnett presenting on **THE VINTAGE CHART SHOW** Saturdays at 0330 with repeats Monday 1030 and 2030.

NEWSDESK as always airs daily at 0000, 0200, 0700, 1100 and 1800 UTC.

CHANGES ENTERED JANUARY 18-FEBRUARY 19, 1992

UTC Time	Station	Notes	Frequencies
0000-0100	R. Sofia, Bulgaria	---	17825; 15370; 15135; 11870; 11720; 9700
0000-0100	WWCR, U.S.A.	Su-M	15690
0000-0300	WWCR, U.S.A.	Tu-Sa	15690
0100-1100	WWCR, U.S.A.	Su-M	5935
0230-0300	R. Portugal	Tu-Sa	11840; 9705; 9600; 9570
0300-1100	WWCR, U.S.A.	Tu-Sa	5935
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Feb 25, Feb 28, Mar 31, Apr 3, Apr 28, May 1, Jun 2, Jun 5
0400-0615	R. Sofia, Bulgaria	---	15160; 11765; 11720
1100-2400	WWCR, U.S.A.	Tu-Sa	15690
1100-2400	WWCR, U.S.A.	Su-M	15690
2245-2400	R. Sofia, Bulgaria	---	17825; 15370; 15135; 11870; 11720; 9700

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

WESTERN HEMISPHERE

Don Thornton - 12 Freeman Road
Somerset, NJ 08873

ALASKA

7355 1347 **KNLS:** EE: Commentary abt the city of Dallas, Texas (433 1/24 Gaharan-LA)

ANTIGUA

5975 0004 **BBC:** EE: News inc IRA violence increases; French plane crashes; a UN resolution about Libya (444 1/21 Cichorek-NJ)
6160 0859 **DW:** EE: Site ID in EE; ID; W anncr w/freqs, news & sports; into "Int'l Talking Point" on the present state of the German economy; this beamed to Pacific (233 1/18 Park-HI)
6195 1132 **BBC:** EE: "Megamix" w/talks abt a mime festival--doesn't talking abt mime defeat the purpose? (344 1/22 Westenhaver PQ)
9545 0300 **DW:** EE: W anncr reading news (555 1/4 Findlater-CA)
15105 0458 **DW:** EE: M anncr w/ID inc QTH; into prog in PP (S-7 1/10 Lish-FL) @ 0000 in SS w/Swiss style oom-pah mx prog beamed to Latin America 0050* (1/10 Findlater-CA)
15410 0020 **DW:** GG: M anncr w/talks in GG (S-8 1/12 Lish-FL)
17810 2000 **DW:** GG: M anncr reads news--like a local (555 2/9 Findlater-CA) @ 2140 in GG w/M & W anncrs w/alternating talks (S-10 1/15 Lish-FL)
17840 1458 **BBC:** EE: News abt US-Japan trade talks; Israel-China relations into "Music with Matthew" (444 1/9 Sampson-WI)

ANTILLES

6165 0027 **RN:** EE: News inc El Salvador Peace Treaty is signed; into "Media Network" (444 1/16 Brown-IL)
9535 0330 **TWR:** EE: M anncr w/story abt travels in Mediterranean & S. Pacific area, which all had a religious theme (555 1/11 Gibson)
11720 0330 **RN:** EE: News inc Coup d'etat in Algeria; cmnty abt the German Parliament (555 1/15 Gibson-AR) @ 0400 in EE w/news & cmnty abt the vandalization of pictures in an Amsterdam museum (333 1/10 Findlater-CA)
11835 0027 **RN:** EE: News inc the problem of Haitian refugees in the US; into "Media Network" (433 1/30 Brown-IL)
11920 0329 **RN:** EE: News abt clashes in Republic of Georgia; into "Media Network" w/an interval signal contest (544 1/23 Brown-IL)
11930 0310 **TWR:** EE: Spoof on the American Revolution w/host 'Daniel Boone' (555 1/5 Babin-MA) @ 0305 in EE w/"Character Spotlight" on Joan of Arc; into "Bonaire Wavelengths" (545 1/12 Carson OK)

ARGENTINA

11710 0135 **RAE:** SS: "Radio Nacional" ID into news abt Argentina (333 1/6 Millard-TX) @ 0010 in SS w/news items read by W; into musical numbers performed by a W (444 1/13 Humenyk-ON) @ 0141 in EE w/talks by W--anncd that this was an hour long prog (433 1/31 Bishop-NY) @ 2300 in SS w/W hosting a prog of Latino music (333 1/12 Findlater-CA)

BRAZIL

3235 0056 **R. Clube(t):** PP: Portuguese parade featuring drum music; ads w/echos; no positive ID heard (142 1/1 Flynn OR)
4805 0130 **R. Dif do Amazonas:** PP: Annrc hosts prog of Brazilian pop music (222 1/20 Findlater-CA)
4875 0420 **R. Jornal do Brasil:** PP: Prog of Brazilian rock music (433 1/20 Bishop-NY)
4935 0110 **R. Capixaba:** PP: Pop music; casual ID by M (232 2/11 Thornton)
4955 0200 **R. Marajoara:** PP: M w/continuous talks--no music at all! (222 1/27 Findlater-CA)
6060 0020 **R. Universo:** PP: W anncr w/cmnty abt a Puccini opera (443 1/6 Babin-MA)
6075 0200 **DW:** GG: Annrc hosting a prog of opera music (333 2/10 Findlater-CA)
6090 0833 **R. Bandeirantes:** PP: Ads; fast talking annrc w/several cat "meows" in the background (fair 1/22 Famularo-Japan)
6135 0055 **R. Aparecida:** PP: Romantic vocal music; 4 note IS w/slide whistle--ID "Aparecida...emissora...rustica...para Brasil"

(322 1/15 Flynn-OR)
 6170 0822 R. Cultura: PP: Nice Lat Am guitar music (fair 1/22 Famularo-Japan)
 6180 0801 R. Nac da Amazônia: PP: Nice mellow IS; M w/full ID & s/on routine into ad string (fr-gd 1/22 Famularo-Japan)
 9565 0853 R. Universo: PP: Usual ranting M preacher w/crowd reactions (Er-gd 1/29 Famularo-Japan)
 9675 2249 R. Cancão Nova: PP: Mellow inst'l music; ID; ads; 2 M w/a dialogue into a relig vocal in EE "A Voice from Heaven" (433 1/18 Cichorek-NJ)
 11780 0932 R. Nac do Amazônia: PP: Carted IDs; lots of DJ chat; many "Bom dia Amazônia" ments--prog title? (343 1/30 Westenhaver PQ)
 15200 2218 R. Nac da Amazônia: PP: ID by M; into vocal mx by W (S-8 1/3 Lish-FL)
 15265 1930 R. Bras: GG: DJ hosting prog of upbeat Brazilian music (333 1/0 Findlater-CA)
 15445 0348 R. Beijing: SS: ID; prog "Viva y Salud"--site per PWBR--not listed in the new WRTH! (343 2/2 Westenhaver-PQ)
 17730 0155 SRI: FF: W w/prog of news; EE ID @ 0200 into music (S-4 1/10 Lish-FL) @ 0200 in EE w/news inc Israeli elections will come in May or June (344 1/19 Brown-IL)
 17815 2302 R. Cultura: PP: Romantic ballad music; Brazilian pop music (333 1/20 Cichorek-NJ)

CANADA

5960 0005 RCI: EE: "Air Farce" repeat of comedy prog about the Gulf War; GST & phone-in show w/the Prime Minister (555 1/13 Fraser MA)
 5960 0300 R. Japan: EE: ID; news inc item that Japanese Prime Minister expresses a desire for political reform (555 1/20 Brown IL)
 6005 1319 CFCX: EE: C&W music w/CIQC medium wave ID; "Name That Tune" contest; ads (343 1/20 Cichorek-NJ)
 6070 0020 CFRB: EE: Talks abt driving in snow & ice along with idea that "temperature trap effect makes it more dangerous" (433 1/20 Hart-MN)
 6120 1152 R. Japan: EE: Cmnty abt increasing friction between Japan & the United States (555 2/5 Brown-IL)
 6130 0711 CHNX: EE: Music by Elton John; ID; more music; report on the NHL All Star Game (322 1/19 Brown-IL)
 9515 1359 BBC Radio 4 relay: EE: When the BBC World Service went off this came up w/marine weather; @ 1400 "Gardener's Question Time" till someone pulled the plug 1405* (555 1/19 Westenhaver)
 9590 2210 BBC: EE: "Seeing Stars"--Features abt Venus & 1992-Int'l Space Year (555 1/4 Fraser-MA)
 9650 1137 R. Korea: EE: W w/talks abt how Koreans celebrate the Lunar New Year (343 1/30 Westenhaver-PQ)
 9755 0205 RCI: EE: Sport news; commentary abt Republic of Georgia (555 1/17 Gibson-AR)
 13650 2030 RCI: EE: Disc abt unemployment, particularly in Africa (333 12/19 Dome-TX)
 15120 0207 RCI: EE: M anncr w/cmnty abt release of information about criminals; ID (554 1/10 Gibson-AR)
 15260 1920 RCI: EE: M w/weather reports from Canada (444 1/10 Langlois FL)
 15315 1500 RCI: EE: "Spectrum" w/M telling a story called "A Hockey Sweater". At no time did I hear CBC mentioned either at the beginning or at the end of the program. It seemed that RCI was producing this program on it's own (454 1/2 Lukas-NY) ("Spectrum" is put together by RCI's Jim Craig & André Courey, with short features taken from various CBC programs, all w/a common theme for that week's particular "Spectrum" program--ed)
 17820 1305 RCI: EE: New about Equalization Payments & official bilingualism (444 1/31 Gaharan-FL)

COLOMBIA

4785 1127 Ecos del Combeima: SS: Fast paced news from Super Network interspersed w/IDs & ads (353 1/13 D'A gelo-PA)
 4865 0855 LV del Cinaruco: SS: Full ID @ 0900 (333 1/8 Millard-TX) @ 1020 in SS w/music; ID w/freqy; ments of Caracól Network (353 1/17 Wall-CA)
 4885 0430 Ondas del Meta: SS: Vocal music sung in SS by group (433 1/20 Bishop-NY)
 4895 0140 LV del Río Arauca(t): SS: Light pop music in SS; anmts by M anncr; no ID heard (343 1/11 Karcheski-MA)
 6035.1 0037 LV del Guaviare: SS: Marimba music; romantic vocals; some ads--no ID caught until DW s/on on 6040 kHz wiped it out (232 1/14 Flynn-OR)

6116 0025 **LV del Llano:** SS: ID as "La Cadena Super"; news abt Colombia; dedications, TCs; ads; PSAs. Clear channel (343 1/16 Flynn OR)

6150 0900 **Caracól-Neiva:** SS: News including US interests are investing in coal mining in Colombia (444 1/16 Meinhardt-IL) @ 0144 in SS w/annmts by M live phone conversations (333 1/20 Humenyk ON)

11822 2300 **R. Nacional:** SS: Full ID w/many ments of Bogotá (333 1/3 Millard-TX) on @ 2330 11822.5 in EE w/weekly half hour prog in EE called "Colombia DX" w/M reading listener's letters inc a letter from SPEEDXer Andy Wallace (222 1/25 Fisher-MA) @ 2332 in EE w/"Colombia DX" w/news about the visit to Colombia by King Juan Carlos of Spain (322 1/25 Lukas-NY)

17862 0118 **R. Nacional:** SS: Musical selections w/cmnty between selections--fair signal, poor audio (222 1/7 Levison-PA)

COSTA RICA

4831.5 0640 **R. Reloj:** SS: ID; vocal music sung by M (333 1/3 Hart-MN) @ 1143 in SS w/news prog hosted by 2 M (454 1/13 D'Angelo PA)

9725 0315 **AWR:** SS: Local news read in SS (544 1/5 Babin-MA)

0240 7375u **RFPI:** EE: "New Dimensions Radio" (333 1/4 Millard-TX)

11870 220 **AWR:** EE: Preacher w/sermon; hymns (222 1/12 Findlater-CA)

15030 0137 **RFPI:** EE: W discusses problems of women throughout the world (S-5 1/11 Lish-FL) @ 2045 in EE w/ID & prog "Food for the Thoughtful" (444 1/3 Langlois-FL)

21465u 0140 **RFPI:** EE: Conference abt female refúgees of the world (233 1/24 Carson-OK)

CUBA:

3366 0445 **R. Rebelde:** SS: "R. Rebelde" ID; followed by W w/news update (433 1/21 Carson-OK)

5025 1939 **R. Rebelde:** SS: Fútbol game--Industriales defeated Carrera by a score of 14-1 (333 1/5 Rontanini-FL) @ 0235 in SS w/a sport-ing event--I suspect boxing (444 1/4 Millard-TX) @ 1145 in SS w/prog "Encounter"; EZL mx by Lagustin Ferran & his orchestra (444 1/12 Meinhardt-IL) @ 0110 in SS w/Lat. Am mx & several ments of Argentina (S-3 1/6 Lish-FL)

11760 0425 **RHC:** EE: News abt RHC cutbacks & freqy changes due to fuel shortages (433 1/18 Carson-OK)

11930 0232 **RHC:** EE: "News Bulletin" into "Sports Report" and then into "World of Stamps" (545 1/12 Carson-OK)

11950 0205 **RHC:** EE: New inc story about cholera epidemic in Brazil (555 1/275 Gibson-AR) @ 0014 in EE w/news abt food storage facilities being built to ease economic hardship (444 1/13 Cichorek-NJ) @ 0132 in EE w/report on the Tripartheid Meeting in Havana on the 1962 Cuban Missile Crisis (554 1/16 Fraser-MA)

13700nf 0200 **RHC:** EE: World news read by Lila Haines & M; This is RHC's first use of 13 MHz band beamed towards Chicago (243 1/19 Westenhaver-PQ)

17705 1935 **RHC:** EE: Commentary by Roberto Garcia (555 1/18 Humenyk-ON)

17750 1250 **RHC:** SS: Story of Black St. Augustine & Virgen de La Regla, patroness of of Black Cuba (444 1/30 Meinhardt-IL)

DOMINICAN REPUBLIC

4799.8 0520 **R. Norte:** SS: Tropical rhythem music; ID as "N" & "N-103"--both in SS (232 12/23 Flynn-OR) @ 0407 in SS w/M singing pop song & more non-stop Lat Am music (433 1/20 Bishop-NY)

6025 0000 **R. Amanecer:** SS: Anncr hosts a prog of Lat Am pop music (222 1/11 Findlater-CA)

ECUADOR

3220 0324 **HCJB:** SS: 2 M w/talks in SS (333 1/16 Bishop-NY)

4920.2 0325 **R. Quito:** SS: Inst'l version of "Strangers in the Night" ID @ 0325 (343 1/16 Dome-TX) @ 1130 in SS ID as "LV de la Capital" & later as "R. Quito...el primero" (322 1/17 Wall CA)

5010 0000 **Escuelas Radiofónicas Populares:** SS: ID at the top of the hour followed by Andean flute & vocal music (353 1/14 D'Angelo-PA) @ 1104 in SS w/political talks, inc ments of US & Reagan (222 2/10 Cichorek-NJ)

5040 0230 **LV del Upano:** W & M hosting prog of Latino music (222 1/10 Findlater-CA)

9745 0049 **HCJB:** EE: "DX Partyline" inc "SPEEDX Report"--first you have guest spots on CKUT & now the world! (343 2/1 Westenhaver PQ) (Montreal was just for practice--hil--ed)

15155 0105 **HCJB:** EE: "DX Partyline" inc a feature from the National Radio Club; DX catches from listeners (443 1/19 Thompson-CA) @ 0050 in EE w/"Studio 9" prog inc a reort on the growing Evangelical

15270 1953 Protestant movement in Guatemala (554 1/16 Fraser-MA)
HCJB: EE: "DX Partyline" inc Rich Mc Vicar's "Quito Logbook"
 (333 1/25 Carson-OK)
 17790 1953 **HCJB: EE:** "DX Partyline" inc a tip on the 'DX Edge';
 news abt VOA & Voice of Indonesia (422 1/18 Brown-IL)
 21455u 1900 **HCJB: EE:** "Studio 9" prog w/host Mark Irwin (444 1/10
 Langlois-FL)

FRENCH GUIANA

11670 0445 **RFI: FF:** Prog on nuclear generation of electricity in France
 (444 1/5 Babin-MA)
 15325 0315 **R. Japan: EE:** M & W discuss winter in Kyoto; "Japanese
 Events" (555 1/11 Brown-IL)
 15365 1953 **RFI: FF:** M w/talks; 1955* (S-1 1/16 Lish-FL)

GUATEMALA

3300 0249 **R. Cultural: EE:** "Thru the Bible" w/Dr. Vern McGee (322
 1/16 Bishop-NY)
 3360 0240 **LV de Nahuallá: SS:** Mostly talks, w/occasional marimba music
 (222 1/16 Levison-PA) (Thornton-NJ)
 3380.7 0340 **R. Chortis: SS:** M w/talks in SS (222 1/20 Bishop-NY)
 4800 1200 **R. Buenas Nuevas: SS:** Local music; ID (333 1/3 Millard TX)
 4835 2200 **R. Tezulutlán: SS/Vern:** Talks abt Spanish as a second lang-
 uage; talks abt suffering in Guatemala (333 12/30 Rontanini FL)

HONDURAS

3249.5 0354 **R. La Luz y Vida: SS:** ID in SS; martial music (323 12/9
 Dome-TX) @ 0330 in SS w/vocal music & talks (332 1/16 Bishop)

MEXICO

6010 1157 **R. Mil: SS:** Inst'l opening followed by M w/ID & s/on routine
 into news (353 1/13 D'Angelo-PA)
 6185 0000 **R. Educación: SS:** ID; talk into some Latin American music
 (333 1/11 Findlater-CA) @ 1205 in SS w/vocal music sung by a W
 (444 1/12 Meinhardt-IL)
 9545 2325 **XEFT: SS:** TX in SS abt land; into pop music in SS (433 1/5
 Babin-MA)
 11769.5 2027 **R. Mexico Int'l: SS:** M w/talks; then music (S-5 1/1 Lish FL)

PARAGUAY

9735 1216 **R. Nacional: SS:** Talks in SS w/many ments of R. Nacional (433
 1/15 Hart-MN) @ 0104 in SS w/many ments of Paraguay, ID into
 local news (443 1/30 Thompson-CA)

PERU

3365 1037 **LV de Oxapampa: SS:** Martial style music; ID music w/vocal
 Chorus & super marimbas-style music (333 1/5 Foster-NC) (Nice
 catch!--these guys are way off freq--they're listed everywhere
 I look as being on 3260 kHz!--ed)
 4790 1100 **R. Atlántida: SS:** Music & talks inc ID (453 1/1 Wall-CA) @
 0404 in SS w/talks by M & W then into Andean music (332 1/20
 Bishop-NY)
 4914.5 0127 **R. Cora(t): SS:** Latin American music; anmts in SS (232 1/11
 Karcheski-MA)
 4990.8 0042 **R. Andina: SS:** Huayno music; ID for shortwave & medium wave
 stations; anmt of "Tropical, Tropical" prog (142 12/28 Flynn)
 6724.3 0050 **R. Satelite: SS:** Really nice highland folk music (222 2/3
 Thornton-NJ)

PIRATES, CLANDESTINES & UNIDS

7415 1449 **R. USA: EE:** Talks abt new QSL cards; relay of Tube Radio prog
 (444 1/26 Karcheski-MA)
 7415 0500 **WQRV: EE:** ID as "This is WQRV, Rock Radio" (222 2/2 Fisher-MA)
 7415 0300 **WSKY: EE:** ID "You are Tuned to WSKY, Whiskey Radio" into
 prog of rock music (222 2/2 Fisher-MA)
 7417 0130 **LV de... Político de Cubanós: SS:** ID anmts; political, & pat-
 riotic songs by M; ID; more talks (444 1/18 Karcheski-MA)
 15050 2156 **CSIC: EE:** Pirate news; Blue Ridge Summit PA maildrop address
 2213* (444 12/31 Karcheski-MA)

UNITED STATES OF AMERICA

5935 0300 **WWCR: EE:** ID; into relig prog (555 1/6 Millard-TX)
 5950 0742 **VOEC: EE:** "Jade's Kitchen" cooking prog w/a recipe for stir
 fry chicken (344 2/8 Carson-OK)
 6030 0100 **VOA: SS:** IS; ID; into news & music (555 1/28 Card-RI)

6030 0816 **R. Martí:** SS: W giving horoscopes & "números de suerte"; two romantic ballads; ID (444 1/31 Westenhaver-PQ)

6035 0403 **VOA:** EE: New abt clashes between police and Islamic fundamentalists in Algeria (333 1/29 Brown-IL)

7315 0403 **WHRI:** EE: "Croatian Radio" program with news items abt Croatia (444 1/3 Levison-PA)

7435 0115 **WWCR:** EE: "For the People" prog w/a feature about seat belt failure in cars on the road (444 1/13 Cichorek-NJ)

9465 0644 **WMLK:** EE: Elder Jacob O Meyer preaching and reading psalms (333 2/6 Carson-OK)

9590 0105 **BBC:** EE: "Outlook" w/item abt US retirees moving to Costa Rica; host Barbara Meyers slipped and called Costa Rica an "island"! (243 1/21 Westenhaver-PQ)

9680 0310 **VOFC:** EE: Workers at Hong Kong airport declare a holiday & leave travelers stranded (555 2/4 Brown-IL)

9815 0215 **VOA:** EE: Live coverage of Bush's State of the Union Address--did he get his laugh lines from Jay Leno? (343 1/29 Westenhaver-PQ)

9890 0226 **KGEI:** RR: Choral hymns; @ 0230 w/clear "KGEI, San Francisco" ID; "Onward Christian Soldiers"; more tx (333 1/19 Westenhaver)

11830 0000 **Voice of OAS:** SS: M reading news in SS (555 1/13 Findlater CA)

11855 0227 **WYFR:** SS: A relig story prog for children (545 1/12 Carson)

11930 2012 **Radio Martí:** SS: Music by Elvis Presley inc "Don't Be Cruel" & "Hound Dog" (555 1/12 Humenyk-ON) (With progs like this one I am not sure if R. Martí is trying to get the Cuban people to overthrow Fidél Castro or increase their resolve--ed)

13760 1936 **WHRI:** EE: Relig music w/w annr (544 1/25 Bishop-NY)

15410 1717 **VOA:** EE: "Communications World" a report on the AT&T Video Phone 2500; ID (555 1/11 Brown-IL)

15566 2015 **WYFR:** EE: M hosting prog "Bible City" (444 1/10 Langlois FL)

15690 1625 **WWCR:** EE: "Signals" communications prog; into traditional Mass in Latin @ 1700 (545 1/12 Carson-OK)

17760 1216 **WYFR:** EE: 2 M w/impassioned plea for funds--today is Family Radio's monthly 'share day' when they solicit pledges to help pay the bills (444 1/30 Westenhaver-PQ)

17775 0100 **KVOH:** EE: Relig sermon w/Dr. Gene Scott (S-5 1/10 Lish FL)

URUGUAY

9620 0145 **R. SODRE:** SS: Cmnty in SS by M (333 1/20 Humenyk-ON)

11835.7 0140 **R. El Espectador:** SS: Talks in SS by M annr; ID (222 1/27 Thornton-NJ)

VENEZUELA

4830 1004 **R. Táchira:** SS: Rooster crowing sounds; many ments of date; IDs inc "La Emotion del País" (554 1/8 Wall-CA)

4970 0425 **R. Rumbos:** SS: W w/ID "R. Rumbos, La Emisora del Venezuela" into salsa music, talks (333 2/8 Carson-OK)

4980 0148 **Ecos del Torbes:** SS: W w/'fútbol' results from Latin America (333 1/20 Humenyk-ON) @ 0915 in SS w/pop music (454 1/27 Meinhardt-IL)

9660 0159 **R. Rumbos:** SS: Full ID into "Fiesta La Vida" musical prog (333 2/6 Carson-OK) @ 0226 w/"RRRRRadio RRRRRuuumbos ID (322 1/4 Millard-TX) @ 1100 in SS w/traffic report for Caracas (343 1/23 Meinhardt-IL)

FILL THAT GAP: First, I'd like to wish a speedy recovery to Bill Westenhaver's mother. Let's all hope that by the time we all read this, she's feeling just fine. Speaking of Bill, thanks to him here are the changes announced by RHC on the 18 January "DXers Unlimited" prog. These changes went into effect on 20 January: 13700nf (ex-5965) will carry SS from 0000-0200 & EE from 0200-0430; it will be beamed roughly towards Chicago. 11950 (ECNA) & 6180 (Caribbean) will have an 0500* (ex-0600*) 17705 EE to Europe will run only 2000-2100 (ex-1900-2100) New EE transmission to Caribbean/Southern US is now 2200-2300 on 9620 but it might change to another 31 meter band frequency The 11760 transmission to WCNA at 0600-0800 remains unchanged.

The latest **Radio Panorama** edited by SPEEDXer Daniel Camporini includes the following Colombian loggings from Yimber Gaviria who lives in Colombia: LV del Guainía, Inírida on 3500 kHz, a reactivation. Also, a new station, **R. Católica** in the Nariño are on 3580 kHz. Yimber reports hearing clandestine **R. Patria Libre** on 4710 kHz and and 6265 kHz. Logged also were two Colombian stations reported all too infrequently in North America, **LV de los Centauros** on 5955 kHz; & **LV de la Selva** on 6170 kHz. Thanks, Daniel and Yimber!...hope to see some of you at the 5th annual SWL Winterfest in Kulpsville, PA!... until next month, remember to have fun with your radio!

73s and good DX *dlm*

VOICE OF AMERICA TRANSMISSION SCHEDULE

(Revised January 3, 1992, includes changes to Jan 5, 1992)
 All times and days are Greenwich Mean Time (GMT), same as UTC.
 Frequencies are in kiloHertz (kHz).

SCHEDULES TO GO!
 via **SHORTWAVE**
PARADISE BBS

Abbreviations:

- * - Monday through Friday.
- # - Tuesday through Saturday.
- \$ - Saturday and Sunday.

**more information on
 next page**

ENGLISH to East Asia, Southeast Asia, Pacific									
1000-1100	5985	11720	15425						
1100-1200	5985	6110	9760	11720	15155	15425			
1200-1230	1143	6110	9760	11715	15155	15425			
1230-1330	6110	9760	11715	15155	15425				
1330-1400	6110	9760	15155	15425					
1400-1500	1143	6110	9760	15160	15425				
1900-2000	9525	11870	15180						
2100-2200	11870	15185	17735						
2200-2400	7120	9770	11760	15185	15290	15305	17735	17820	17820
0000-0030	7120	9770	11760	15185	15290	17735	17820		
0030-0100	1575	7120	9770	11760	15185	15290	17735	17820	

ENGLISH to South Asia									
0100-0300	7115	7205	9740	11705	15250	17740	21550		
1400-1530	6110	7125	9645	9760	15395				
1530-1600	1575	6110	7125	9645	9760	15395			
1600-1700	6110	7125	9645	9760	15395				
1700-1800	6110	7125	9645	15395					

ENGLISH to Middle East, North Africa, Europe									
0000-0300	792	1260	1350						
0300-0330	1260	5965	11905	15160	17810	17895			
0400-0430	792	5995	6040	6140	7170	7200	9715		
0430-0500	5995	6040	6140	7170	7200	9715			
0500-0600	792	5995	6040	6060	6140	7170	7200	9670	
	9700	9715	11825	15205					
0600-0700	792	3980	5995	6040	6060	6110	6140		
	7170	7325	11805	11825	15205				
0800-1000	1260	(not Tu/Th)		11735	15160	15195	21455	21570	
1000-1100	11735	15160	15195	21455	21570				
1400-1500	15205								
1500-1600	1260	1350	9700	15205					
1600-1630	1350	9700	15205						
1630-1700	1350	6180	9700	9760	11710	15205	15245		
1700-1730	792	1197	1350	3980	6040	9700	9760	15205	
1730-1800	792	1350	6040	9700	9760	15205			
1800-1900	1350	6040	9700	9760	15205				
1900-2000	6040	9700	9760	11710	15205				
2000-2100	1350	6040	9700	9760	11710	15205			
2100-2200	1260	1350	6040	9700	9760	11710	11960	15205	
2200-2230	1350	9530	11905	11960	15225	15445	17885		
2230-2400	792	1260	1350	9530	11905	11960	15225	15445	
	17885								

ENGLISH to Africa									
0300-0400	621	6035	7265	7405	9575	11835	11940	15115	
	17715	21600							
0400-0430	621	6035	7265	7405	9575	11780	11835	11940	
	15115	17715	21600						
0430-0500	6035	7265	7405	9575	15115	17715	21600		
0500-0600	6035	7405	9575	15115	17715				
0600-0700	6035	7405	9530	9575	11915	15115	17715		
1600-1700	9575	11920	15195	15410	15445	15580	17800	21625	
1700-1730	9575	11920	15410	15445	15580	17800	21625		
1730-1800	621*	9575	11920	15410	15445	15580	17800	21625	
1800-1900	621	9575	11920	15410	15580	17800	21625		
1900-2000	621	9575	11920	15410	15445	15580	17800	21625	
2000-2030	621	9570	11820	15160	15410	15445	15580	17800	
	21485	21625							
2030-2100	621	9570	15410	15445	15580	17800	21485	21625	
2100-2200	621	15410	15445	15580	17800	21485	21625		

ENGLISH to the Caribbean and the American Republics

c = Mediumwave to Northern Central America.

0000-0030	930	6130	9455	11695						(Caribbean program)
0030-0100	6130	9455	11695							(Caribbean program)
0000-0030	5995	7405	9775	11580	15120	15205				
0030-0100	1530c	1580c	5995	7405	9775	11580	15120	15205		
0100-0200	930	5995	6130	7405	9775	9455	11580	15120		
	15205									
0100-0200	930	5995	6130	7405	9775	9455	11580	15120		
	15205									
0200-0230 #	5995	7405	9775	11580	15120	15205				
0400-0500	1530	1580								(northern Central America)
1000-1030	930	6095	9590	11915						(to the Caribbean)
1030-1100	6095	9590	11915							(to the Caribbean)
1100-1200	930	6095	9590	11915						(to the Caribbean)

ii

ENGLISH VDA Europe

0700-0800	1197(Mo-Sa)									
0800-1000	1197(Mo-Sa)	1260(not Tu/Th)			11735	15160	15195			
	21455	21570								
1000-1300	1197(Mo-Sa)									
1300-1700	1197									

VDA Europe is also available 24 hours a day on cable systems and FM stations in many cities of Europe. For more information, listeners in Europe may write to VDA Europe, Box 221 220, 8000, Munich 22, Germany.

Welcome to the column! This month we have an incomplete BBS report due to the fact that we changed over to a new BBS software program. We did have 102 users with 158 calls answered by the BBS this month. Thanks to Mike Magick of Glendale, AZ, USA for the contribution.

Please give the BBS a call, and check out the new software at:
+1-305-524-1035 BBS (+1-305-524-0005 FAX)

TED MELINOSKY
PO Box 960
Keene, NH 03431-0960

The K1BV Directory
of DX Awards
603-363-8209

This is my annual offer of a specially reduced price for the K1BV DX Awards Directory to all my old friends. Some of you have ordered a copy each year; others are new users. If you are using an older copy, even if just one or two years old, I strongly urge you to take advantage of this offer. Why?

1987 featured 680 awards. 1990 featured 1380 from 113 countries
1988 went up to 830 awards. 1991 displayed 1729 from 117 countries
1989 continued up to 1055.

The 1992 EDITION FEATURES 1980 DIFFERENT AWARDS FROM 119 DXCC COUNTRIES
Simply the biggest directory of its kind in the world EVER!

Thanks to MANY helpers all over the world, massive changes are reflected in the 1992 edition. Besides over 250 new awards, this edition features several hundred address and rules/requirement changes. Major additions in the Netherlands, Sweden, and USSR series are displayed. This book reflects current world realities. Kuwait is again listed, but revolution in Liberia removed their entries. Again, there are changes on almost every page.

Radio conditions may have peaked with the current sunspot cycle, but there must be piles of cards on their way to you. Here's the perfect way to keep those cards working for you by earning handsome awards and certificates.

The special reduced prices shown below are my way of thanking you for your past and continuing support. I hope to continue to provide you with this unique and timely service into the future.

USA/Canada \$17.00		DX Surface Mail \$16.00
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You can send good IRC's at 50c each.



"ONDA CORTA"

Gabriel Iván Barrera
Casilla 2868
1000 Buenos Aires
Argentina
Fax: 54-1-3223351

Here is some news about **Uruguay's SW stations** heard recently in Buenos Aires. All are in Spanish. Times are UTC.

6073.32 kHz **La Voz de Artigas**, Artigas, reactivated.

Heard on 3 Feb 92 at 2053-0050, ID at 2059 as "Radiosintonizan a La Voz de Artigas integrando al Departamento, con correspondientes en cada localidad, CX118 canal libre despejado uruguayo y su onda corta CXA3 banda de 49 metros con alcance continental," also "La Voz de Artigas, la radio de todos y para todos" by M announcer, mx, nx, and comments. SINPO 45444. Heard again on 8 February with program broadcast by **Radio Integración Americana** in English and Spanish.

6139.89 kHz **Radio Monte Carlo**, Montevideo.

Heard on 2 Feb 92 at 1450-1530, ID at 1500 as "a través de CX20 Radio Monte Carlo y CX12 Radio Oriental, el Departamento de Prensa de la Cooperativa de Radioemisoras del interior conecta con so gran circuito nacional...", also "Aquí la Super Radio." SINPO 45544.

9620.25 kHz **SODRE**, Montevideo

Heard on 2 Feb 92 at 1550-1734, ID at 1730 as "son las 3 y media exactamente, estamos en Radiodifusión Nacional SODRE..., y su onda corta CXA6." Musical program and commentary. SINPO 35443.

11734.98 kHz **Radio Monte Carlo**, Montevideo

Heard on 2 Feb 92 at 1535-1541, ID at 1541 as "Radio Monte Carlo, le acerca una nueva propuesta," // 930 MW. SINPO 34443.

11835.72 kHz **El Espectador**, Montevideo, reactivated

Heard again on 19 Jan 92 at 0132-0150 with sports. SINPO 35443. Also heard on 2 Feb at 1420+, music and ID as "CX14 El Espectador." SINPO 44444.

6045 kHz **Radio Libertad Sport** is not being heard these days, has been reported as irregular.

Here is the new QSL card (*on the cover -ej*) that will confirm reception reports about **LRA36, Radio Nacional Arcangel San Gabriel**, from the Antarctic Territory. The station is operating again since 18 November 1991 daily from 1900-2100 local time (2100-2300 UTC) on 15475.73 kHz. Actually it is inactive now, but it will return again on the air from the end of February 1992 on the same frequency.

As an alternative to the usual address of LRA36 in the Antarctic Territory, if you want to QSL this station, write to: GIB, Casilla 2868, 1000 Buenos Aires, Argentina, and you will receive 100% the QSL. This is just a service from GIB, helping you to get your QSL's in a safe and fast way. You must include 2 IRC's, this is to cover postal expenses only. Please don't forget on the envelope, write only my name.

Only complete and detailed reports will be confirmed.

Please note that LRA36 from now on will not have budgetary support from the State as it has in the past years.

The same is valid for RAE and LRA1 frequencies.

Please note that in Argentina, the local time is UTC -2. From the middle of March 1992, the local time will be UTC -3.

9665 1200 HB: ER: Tlk abt how China's flower business is "sprouting"
 11755 1032 HB: ER: Rpt on a new survey on status of women in China--
 seemed meant to counter foreign criticism; this trg beamed
 to Socratic (242 1/30 ed.)
 (It seems that the 15170 trg which I mentioned last month is actually via
 the Mail relay--though the audio sounds a bit too good for that.)

9650 1450 CYPRIUS BBC WS relay
 15575 1450 HBK: ER: "Sportsworld"; excellent signal today (444 1/25
 Hankinson-KS)

HONG KONG

11820 1440 HBK: ER: Sports rx: //7180 was 444 1/4 Hankinson-KS
 033 2175 BGC: ER: "From Our Own Correspondent" w/Item on right-wing
 Whites in SAfr; noisy and lumpy (242 2/2 ed.)

INDIA

11620 2203 AFR: ER: Nk of elections in Punjab (333 1/18 Brown-IL) @ *1845
 W/D/trgs: "Hado Newsreel"; "Pathfully Yours" (every Mon-
 day @ 1915) (544 1/6 Willers-SW)
 (p)AIR: (1)SINHAVA: M (p) nx to 1319; then other M presenting
 px of lot vols; no ID hrd, but who else? (443 2/8 ed.)
 AIR: Test tone to 1328; IS to 1330; M amt sent AIR--
 then audio cut for over a minute; back briefly during nx,
 but off again for over five minutes (222 2/8 ed.)

INDONESIA

4774.6 1858 HRI JAKARTA: IN: "Song of the Coconut Islands"; then M px
 of lot nx (332 1/6 Willers-SW)

IRAN

9022 0120 VOHI: ER: Iranian nx: ID/trgs and "thanks for listening";
 IS (222 2/5 Brown-IL) @ 1930 W/ID; nx; only on vst of
 Vice-President of Syria (444 1/21 Willers-SW)
 VOHI: ER: Nk to 0050; only on Algeria; had HFI-9715 QM @
 0100; //9022 (323 1/19 Miller-GA)

IRAQ

4605 1825 HB: AM: M and W tlk; pop nx (343 1/6 Willers-SW)
 HB: KURDISH: Kurdish songs; tlk w/men's Iraq; great reception!
 (444 1/6 Willers-SW)

ISRAEL

7465 2006 KI: ER: Nk of early elections: "Calling All Listeners"; no
 //s hrd (444 1/19 Willers-SW) @ 2025 W/"DX Corner"--Ben
 Dahan reads letter from SPEEXER Bob Fraser-MA abt the
 Sanganan ATS-818CS (344 1/26 ed.)
 KI: ER: "DX Corner"--Ben tks abt the new no-code ham licence
 to be introduced in Israel this year (333 2/2 ed.)
 KI: ER: Nk of second in France over letting George Habash
 into the country (473 1/30 Brown-IL)

JAPAN

3945 1055 Nihon SW Besting HFI relay HGI relay Hadio Japan
 NRB: JJ: rx of classical mx; time tone @ 1100 (322 1/15
 Hankinson-KS)

9595 1514 NRB: JJ: Not quite sure what px was about, but think they
 were mislabeled: Listeners Happy Birthday (444 1/12 Hankinson)
 HFI: CG1: rx of tlk and mx; ID/s/orf @ 1529* (433 1/5 Han-
 kison-KS) (This must be a new time for them, though they've
 had GC here 1200-1300.) (On a second look at the sked, it
 seems that must have been W, libed to 1530*.)
 HFI: GC: Tlk show W/2 M and 1 M (222 1/5 Hankinson-KS)
 HFI: ER: Tlk McFarland W/"Newsround"; //17890 (direct), 21575
 (Gabon) (243 1/17 Willers-SW) (A little bird tells me that
 Ian will be contributing regularly to HFI's DX show as of
 April, and that the show will be renamed from "DX Corner.")

7255	0455	VON: Sked for day, followed by rig pgm @0500 (544 1/11 KYBURZ-CO) S/on tone, drum IS, ID (222 1/5 Babin-MA) Talking drum IS, full ID, preview of pgms (333 1/1 Millard-TX) "Morning Fight", Nigerian govt to allow privatization of its communication industry (444 1/21 Hart-MN)
	0415	DW: BE: Nk & cmty (333 1/31 Hankison-RS)
	2202	DW: GG: ID, nx in GG (444 1/18 Hart-MN) End of nx, ID (344 1/5 Babin-MA)
	4890	*0600 ORT du Senegal: FF: IS, stick drumming, ment of Senegal, tik in FF followed by prayer call (555 1/15 Hart-MN)
	1700	1700
	1820	1820
	1812	1812
	1700	FEBA: SM: M w/rig tik, hymns, 1730* (222 1/21 Fndlater-CA)
	1700	FEBA: FS: Cover of "What a Friend We Have in Jesus" in hootenany style, M preachy tik, w/song in ME style, "Inja R Feba", IS, 1830* (232 1/27 Westenhaver-PQ)
	0300	*0300 FEBA: FS: ISX1, "Inja R Feba", then pgm of sincere M tik w/bits of organ mx (343 1/24 Westenhaver-PQ)
	0500	BHC: EE: M & W/nx (222 1/30 Fndlater-CA)
	0335	0335 R. RSA: EE: S/on w/famous bird (333 1/5 Babin-MA)
	1700	1700 R. RSA: EE: M w/nx (222 1/14 Fndlater-CA)
	0400	0400 R. RSA: EE: S/on, nx, 0432 "let's Speak English" (343 2/6 Carson-OK) Sun AM classical mx (434 1/11 Kyburz-CO) EEC to end some sanctions (433 1/10 Brown-IL) Dave Holt-Biddle tiks w/Richard Leakey abt conservation (242 1/4 Westenhaver-PQ)
	0446	0446 R. RSA: EE: Harry Belafonte mx, nx priets to 0458* (353 1/7 Lukkas-NY) Ugandan govt says it has killed rebels (333 1/18 Brown-IL) Disc abt nati parks, song "Jungle Fever" (433 1/10 Carson-OK) "Good Morning Africa" (544 1/9 Bagozzi-CA)
	1935	1935 R. RSA: EE: Political parties in RSA (SI 1/1 Lish-FL)
	17710	17710
	1935	1935
	0259	0259 TWR: EE/VN: chime IS, EE ID @0259, VN tik & mx @0301 (434 1/31 Karchekki-MA)
	0410	0410 TWR: EE: End of nx, then Afr choir mx (322 1/5 Babin-MA)
	0400	0400 TWR: EE: M w/sermon (222 1/26 Fndlater-CA)
	0500	0500 TWR: EE: M preacher w/sermon-poor (222 1/15 Fndlater-CA)
	9600	9600
	9655	9655
	11740	11740
	0500	0500
	1524	1524 National Unity R.: EE: Dramatic reading by W, then gives sked, her name & colleagues names, @1531 pres NA, then into lang (422 1/21 Flynn-OR) Lots of ME mx (444 1/5 Hankison-KS)
	1605	1605 R. Tanzania: EE: W/nx, 1614 ID, song "Sealed With a Kiss" (222 1/12 Bagozzi-CA)
	5047	5047
	2205	2205 RTV Togolaise: FF: M w/regional nx, ment of various Afr locations (333 1/19 Evans-IN) @0600 w/Afropops, hvy RTTY GRM (222 1/24 Fndlater-CA)
	2300	2300 RTV Tunisiense: AA: M reads nx, poor (222 1/21 Fndlater-CA)
	17500	17500
	15450	15450 RTV Tunisiense: AA: Continuous chanting (222 2/8 Fndlater)
	1535	1535 RTV Tunisiense: AA: Non-stop AA (222 1/26 Hankison-KS)
	6165	6165
	0700	0700 R. Zambia Intl: EE: M w/nx (222 1/21 Fndlater-CA)

IVORY COAST	7215	0520	RTV Ivorianne: FF: M ancor w/FF & EE pops (433 1/5 Babin-MA)
LESOTHO	6190	0400	BBC: EE: ID followed by nx (212 1/30 Hankinson-KS) Morning African pgm (322 1/5 Babin-MA)
LIBERIA	7275	*0645	ELBC: EE: Open carrier noted 0645, brief orchestral anthem to opening ID & annts by M, played song "Twelve Days of Christmas", prayer & sermon- in between 7270 Moscow & 7280 RFI (322 1/5 D'Angelo-PA)
	9600	0700	R. Jambhiriya: AA: W tik in AA (222 1/14 Findlater-CA)
LIBRYA	15235	2155	R. Jambhiriya: AA: Two dips on hour, M tik (S2 1/16 Lish-FL)
	15435	0003	VO Great Arab Homeland (t): AA: Brief M/W dialogues w/many short AA instl mx bridges, no ID hrd to 0030 tune-out, //15235, 17725 (232 1/30 Westenhaver-PQ)
MADAGASCAR	5009.4	0525	RTV Malagasy: VN: Local music in VN, drifted between 5009.3 & 5009.4 (232 1/5 Babin-MA)
	6020	1700	RN: EE: "Media Network" on RN's new best plan, fate of R. Moscow in the new Russia (ironically co-channel RM startling w/est tones) (222 1/9 Park-HI)
MALAWI	9860	2120	RN: EE: "Happy Station" w/rpt on the Seychelles, birthday call (444 1/19 Brown-IL)
	1445	15150	RN: EE: "Newsline" w/analaysis, ID (433 1/14 Hart-MN)
MALI	1856	15570	RN: EE: "Media Network" w/Media Quiz '92 (322 1/23 Park-HI)
	1570	1856	M & W alternate w/world nx (S4 1/16 Lish-FL) M w/nx, into DD @1730 (333 1/14 Findlater-CA)
MALWI	381	0335	MBC: EE: M ancor w/local Afr mx, real weak (232 1/5 Babin-MA)
	4835	2110	RTV Malienne: FF: W ancor w/Afr choral mx (333 1/5 Babin-MA)
MALI	9770	0034	RN: EE: "Big Show", W w/cmty on hotels- stepped on by VOA (S2 1/14 Lish-FL)
	9770	0034	RN: EE: "Big Show", W w/cmty on hotels- stepped on by VOA (S2 1/14 Lish-FL)
MOROCCO	9575	0729	R. Medi Un: FF: Ad for weekly nxbaper, "Medi Un- le Journal" nxbcast by M, leading w/Algerian situation (333 1/16 Westenhaver-PQ)
	9670	0430	VOA: SL: M w/nx in Slovine (222 1/14 Findlater-CA)
MOROCCO	15245	1515	RTV Marocaine: AA: Non-stop AA (444 1/26 Hankinson-KS)
	1552	1552	RTV Marocaine: AA: AA vocal cuts w/brief M chat, 1559 speaking clock, TPS, symphonic fanfare into M nx, full ID
NAMIBIA	21590	1552	RTV Marocaine: AA: AA vocal cuts w/brief M chat, 1559 speaking clock, TPS, symphonic fanfare into M nx, full ID
	21625	1930	VOA: EE: Africa Sce, W w/nx update, new pgm "World of Mx"- Herb Albert (S2 1/9 Lish-FL)
NIGERIA	3290	0415	NBC: EE: Nx about Africa, lite mx, UN pgm on scope & mission of UN aid to third world (242 1/2 Flynn-OR) W w/nx, poor (222 1/14 Findlater-CA) UNESCO reports literacy rate dropped between 1970 & 1990, 0430 headline nx (433 1/14 Hart-MN)
	4770	0530	R. Nigéria-Kaduna: EE: Church sce w/Afr hymns (422 1/5 Babin-MA) Nice Jazz mx (322 1/23 Bishop-NY)

AFRICA

Paul Wakefield Box 188
West Branch, IA 52358

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

It was a close call, but I've managed to survive the Iowa caucuses again. It's really great fun, though, sharing your views and arguing the issues with your neighbors. In fact, it looks like that's a delegation of townspeople coming up the street now to continue the discussion. My, but those torches look nice on a winter's eve . . .

2100 RTV Algerienne: AA: Lots of M/E mx, time tone & ID (212 1/12 Hankison-KS)
 9535 RTV Algerienne: AA: M tik, seems to ment "Yeruselem", choral singing/AA mx, //15215 (fr 1/31 Famularo-JP)
 1735 RTV Algerienne: AA: Morning prayers (333 1/5 Babin-MA)
 1745 RTV Algerienne: EE: Five min nx summary, pop vocals, natl mx beginning 1740 (343 1/17 Flynn-OR)
 9320 RN de Angola: PP: M w/long speech, ID (333 1/5 Babin-MA)
 7245 RN de Angola: EE/PP: Cntry in EE, ID, mx w/children singing, M tik in PP (212 1/12 Hankison-KS)
 1530 RN de Angola: EE/PP: Cntry in EE, ID, mx w/children singing, M tik in PP (212 1/12 Hankison-KS)

ASCENSION ISLAND

0325 BBC: EE: Sports roundup (444 1/5 Babin-MA)
 6005 BBC: EE: M & W/world nx (S4 1/5 Lish-FL)
 9515 BBC: EE: "Network Africa" rpt on Senegal (333 1/20 Brown-IL)
 9600 BBC: EE: Rpt on Brian Nelson case, British Press, ID- this freq 0430* (333 1/29 Brown-IL)
 2205 BBC: EE: Series on Japan "Not Quite Human"- rpt on the Brackemlin, despised second-class citizens (554 1/20 Fraser-MA) "Outlook"- rpt on silicon breast implants (444 1/14 Brown-IL)
 0225 BBC: EE: Political cntry, sports w/boxing results (555 2/2 Gibbon-AR) "Science in Action"- planets found around distant star (554 1/17 Fraser-MA) US was ready to loan Britain a carrier Britain during the Falklands war (444 1/20 Brown-IL)
 2358 BBC: SS: End of EE pgm, Big Ben, W w/nx & cntry- 1/2 sec ahead of relay of via C-SPAN2 cable FM (222 1/19 Park-HI)
 2100 BBC: EE: NX- Bush in Japan (444 1/9 Dome-TX) M w/world nx, ID (S2 1/16 Lish-FL) Rpt on poss breakup of Canada, Sunday Sports (444 1/11 Brown-IL)
 1735 BBC: EE: Classical mx, sports (S4 1/7 Lish-FL)

BENIN

4870 ORTB: FP: FF folk song, M tik, lively vocals (333 1/22 Cichorek-NJ) TIK
 2107 ORTB: FF: Nice selection of hillie & instrumentals, Babin-MA)
 5025 ORTB-Parakou: FF: Nice selection of hillie & instrumentals, Babin-MA)
 2146 ORTB-Parakou: FF: Nice selection of hillie & instrumentals, Babin-MA)
 2302 M w/ID "Ici Parakou" (353 1/18 D'Angelo-PA) Long M dialogue, Afro vocals, ID (222 1/22 Cichorek-NJ) TIK
 w/politician (333 1/5 Babin-MA)

BOTSWANA

*0257 VOA: EE: IS & ID to 0300, nx on hour, then "Daybreak Africa" //11940 with killer signal (fr 1/21 Hardestler-NC)
 1940 VOA: EE: "Daybreak Africa" (434 1/8 Gaharan-LA) NX & review Somalia in a state of anarchy (333 2/3 Brown-IL)
 0310 VOA: EE: "Daybreak Africa" (434 1/8 Gaharan-LA) NX & review Somalia in a state of anarchy (333 2/3 Brown-IL)
 1940 VOA: EE: "Daybreak Africa" (434 1/8 Gaharan-LA) NX & review Somalia in a state of anarchy (333 2/3 Brown-IL)
 2000 VOA: PP: M w/nx (333 1/5 Fındalater-CA)
 15445 VOA: EE: Lake Chad fighting, German recognition of Croatia (343 1/12 Sampson-WI) M w/nx (222 1/12 Fındalater-CA)

Thanks Shortwave Paradise BBS

0000-0100	9870, 15130	1200-1500	17840, 17635
0000-0200	12045	1300-1400	1300-1400
0000-0300	17890, 21690	1300-1500	9560
0000-0500	6000, 12050, 15425	1300-1700	13705
0200-0700	7240, 7160	1330-2300	11840
0500-0600	15470, 15520, 17605	1400-1500	15435, 15550
0500-0700	9750, 9450, 12035, 13745	1400-1600	17610, 7380
0600-0700	9505	1400-1700	15455, 17780
0600-0700	15280	1400-1800	17670
0600-0700	15465, 13645, 13605,	1500-1700	17655, 15480
0700-0800	12055, 12000, 9850,	1500-1800	17670
0730-0800	9825, 7345, 7260, 7175	1600-1700	12035, 21785, 17870
0800-0900	13645, 13605, 12000,	1700-1800	15485
0800-0900	9825, 9860, 5605, 7345,	1700-1900	9795, 9720
0900-1000	7270, 7260, 7175, 5905	1800-1900	7370, 7170
0900-1000	13705, 17570	1800-2100	11630
1000-1100	13705, 15180, 17570	1900-2000	11745
1100-1200	15520, 15470, 15175	1900-0000	9860
1100-1300	6000, 17880, 17710,	2000-2200	7170, 12055
1100-1400	15280, 17655, 17700,	2100-0000	7240
1100-1500	21800, 9855, 7245	2200-0500	17655
1100-1600	17665	2200-0700	7150
1100-1700	17810, 17790, 11705	2300-0100	12055
1200-1400	15535, 15490	2300-0400	17665
		2300-0600	17720, 17700
		0000-0700	9765

RADIO MOSCOW WORLD SERVICE- English broadcast schedule
(Taken from personal monitoring, Probably many more frequencies to be
found in your local area. Please use this as a guide only.)

The station has 5 different QSL cards.

. 2300 - 0030 on 6145 for Siberia.
1600 - 1900 on 12060 for the Moscow region and the southwestern European part.

New schedule for radio station PAMYAT (MEMORY), all in Russian:

MSK = UTC + 4h

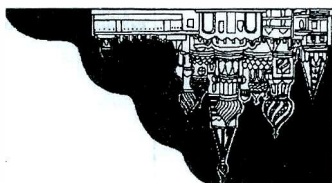
Summer time will be introduced on the last Sunday of March:

Therefore, the local Russian stations begin their broadcasting an hour later.

MSK = UTC + 3h

On the 19th of January the clock hands on the whole territory of Russia were
transferred an hour fast:

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



DX MOSCOW

0200-0230 RV in Lithuanian: 9750

0330-0400 From: 7240, 9860

0330-0400 RY in Armenian/EE: 7400, 9750, 17605, 17690

0400-0500 RK in Ukrainian: 7240, 7380, 7400, 9860

[W. Westenhaver]

AWR Relay via Novosibirsk:

English 0100-0200, 0700-0800 & 1300-1400 on 11855; 1900-2000 on 9835

Burmese 0000-0100 & 1200-1300 on 11855

Hindi 0200-0300 & 1400-1500 on 11855

Russian 0500-0700 on 11855; 1700-1900 on 9835

Mandarin (?) 0900-1200 on 11855; 2100-0000 on 9835

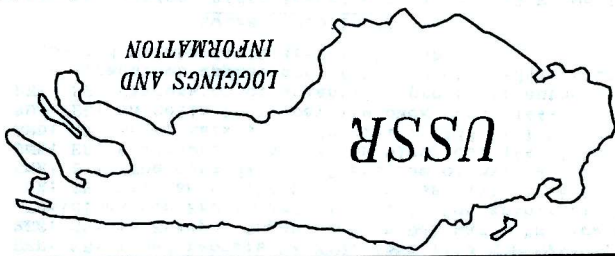
[DX Asilawaves via P. McDonald via Fidonet]

CIS Observed Frequency Usage, February 1992:

kHz	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
21840																								
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11850	1350	RM: RR: ads w/ingles & mx, "programmy Moskva" and ment of "Moskoskie", new 1/8 Lish-FL)
11975	0800	RM-Tashkent (W): EE: W nx (222 2/12 Findlater-CA)
12055	0538	RM-Khabarovsk (W): EE: pgm of classical & operatic mx (444 2/1 Carson-OK)
12055	0200	Deutsche Welle: EE: IS, ID, W nx, @ 0250 time & freq schedules, IS (222 2/11)
12260	15150	Findlater-CA) (Nice one JF -ed)
12260	15150	RM-Moscow (W): Indonesian: M tik abt SE Asia, ment Aquino / Suharto, @ 1229 R.
15175	1039	Moscowaa staran Indonesia, more M tik (333 1/29 Westenhaber-QU)
15420	0340	RM-Bishkek (W): EE: ID @ 0340 (322 1/5 Babin-MA)
15485	1552	RM-Kiev (W): FF: "Evenements et Opinions" w/ rpt on ASEAN summit in Singapore, (344 2/3 Westenhaber-QU) (Promin is the 2nd Ukrainian domestic service -ed)
15525	1522	RM-Kiev (W): FF: "Evenements et Opinions" w/ rpt on ASEAN summit in Singapore, fill mx, ID, interview abt troop withdrawals from Poland (232 1/27 Westenhaber-QU)
17600	1246	RM-Tula (W): EE: "Jazz Show" - profile of jazz singer Larissa Dudina (343 1/30 Westenhaber-QU)
17605	0030	RY-Perpovsk (W): EE: EE nx @ 0355 (222 2/9 Findlater-CA)
17610	1240	RM-Moscow (W): Indonesian: M/W tik, ID @ 1245, into 2 M dialog (343 1/30 Westenhaber-QU)
17620	1625	RM: EE: tik abt conditions in Croatia / Israel (1air 1/16 Lish-FL)
17670	1433	RM-Simferopol (W): EE: "Audio Book Club", @ 17840 (343 1/27 Westenhaber-QU)
17720	2300	RM-Khabarovsk (W): EE: "Focus on Asia & the Pacific" (333 1/8 Gahran-LA)
17790	1431	RM-Vinnitsa (W): EE: ID, pgm of waltz mx, @ 17630/17670/17810/17840/17860 (433 1/8 Westenhaber-QU)
17810	1144	Promin Belay-Simferopol (W): Ukrainian: 13 note IS, "Havoryt Kiev" & ment
17810	1516	RM-Simferopol (W): EE: "Science & Engineering" - queries on Antarctic research, computers, remote sensing (555 1/12 Fraser-MA) (Mehnhardt-LI) (Wolfson-CH)
17880	1403	RM-Kiev (W): AA: M nx to 1406, rpt on ME peace conference in Moscow, RR pop mx, "Huna Moskou, dar idhat al Sovietiya" ID @ 1415 (344 1/28 Westenhaber-QU)
21460	1411	Promin Belay: Ukrainian: W opera aria, IS @ 1414, "Hovoryt Kiev" ID, interview abt
21480	2340	RM-Perpovsk (W): EE: "Africa As We See It" (Western-QU) (Valentine-CA) (555 1/13 Kyburz-OC) (Carson-OK) (Lish-FL) (Western-QU) (Valentine-CA)
21550	1253	RM-Ospovichti (W): RR: M/W dialog, pop mx btdges, @ 1258 IS / "Moskovsky R." ID annnt, @ 21460 (242 1/14 Westenhaber-QU)
21615	1400	RM-Tashkent (W): EE: nx, "News & Views" @ 1411 (322 1/29 Westenhaber-QU)
21635	1052	RM-Dushanbe (W): RR: W tik, mx, ID/mb annnt @ 1058 (242 1/30 Westenhaber-QU)
21745	1233	RM: EE: "Russian by Radio", @ 21800 (243 1/14 Westenhaber-QU)
21755	1425	RM-Simferopol (W): EE: "Mailbag" - CIS is starting pro hockey league, nx btrfs @ 1430, "Audio Book Club" (444 2/3 Westenhaber-QU)
21770	0400	RM-RR: IS, ID, M tik (333 2/6 Findlater-CA)
21785	1447	RM-Armavir (W): Amharic: tik on current affairs, "Yeh Moscow R. Meh Ethiopia..."
21840	1422	RM-Kazan (W): FF: tik abt Academy of Science (444 1/21 Westenhaber-QU)
9710	0023	RY: EE: M/W emty (222 2/1 Humenyk-ON)
17690	0000	RY-Komomoisk (W): EE: emty on futur bilateral relations btw Lithuania and Poland (433 1/13 Kyburz-OC) (Cichorek-NJ) (Westenhaber-QU)
Schedules		
Republican External Services (observed):		
2050-2300	Promin: 7400	
2300-0000	RM in Ukrainian: 7240, 7380, 7400, 9860, 9870, 17605, 17690	
0000-0100	RM in FF: 9750	
0000-0030	RM in FF: 7400, 17605, 17690	
0000-0100	RM in FF: 7240, 9860	
0000-0100	RM in GG: 7380	
0000-0100	RM in EE: 9870	
0030-0100	R, Minsk in Byelorussian: 7400, 17605, 17690	
0100-0200	RM in EE: 7240, 7400, 9860, 9870, 17605, 17690	
0100-0200	RM in EE: 9750	
0200-0300	RM in Ukrainian: 7240, 7400, 9860, 9870, 17605, 17690	

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Yuzhno-Sakhalinsk R.-Yuzhno Sakhalinsk (P): FR: discourse by 2 M. much
 laughtier, ment of Kazakhstan / Moscou, no ID (153 1/2 Flynn-OR) (This could also be
 Kamchatka R.-Petropavlovsk (P): FR: M lik, light classical mx (222 2/8 Findlater-CA)
 Buralat R.-Ulan Ude (P): FR: RR: MWV tik in RR (433 1/23 Bishop-NY)
 RK-Khatkov (W): EE: cmty on CIS, "Crossroads", ID (252 1/24 Lukas-NY)
 R. Alma Ata-Alma Ata (P): EE: ID, nx, pgm on Kazakhstan (242 1/9 Bagozzi-CA)
 RM-Lvov (W): EE: W hosting an operatic mx pgm (333 2/8 Findlater-CA)
 RM-Kengas (W): FR: chatty W tik w light mx bridges, rock mx, @ 1158 RR WS
 theme mx & "Moskovsky R." amnt, IS to 1200 (333 1/22 Westenhaver-QU)
 RM-Khatkov (W): FF: Kremlin bells, W ID amnt w ment for Canada, nx, II
 9750/9860 (343 2/4 Westenhaver-QU) (Babin-MA)
 RM-Petropavlovsk (P): EE: nx briefs, pgm of short classical pieces, ID @ 1058, on
 past 1100 (242 1/26 Westenhaver-QU)
 RT-Tashkent (P): EE/FR: M ancr w/ US pop mx, EE ID @ 0115 (322 1/3 Babin-MA)
 RM-Petropavlovsk (W): EE: ID, nx (433 1/9 Millard-TX)
 RM, CC: M tik, mx bridges, "Mosuko guangbo dianlai" ID/amnt @ 2258, IS to 2300,
 QRN/OSB (131 2/4 Westenhaver-QU)
 RM-Krasnodar (P): SS: Kremlin bells, IS, ID "R. Moscou International" (333 1/1
 Millard-TX)
 RM, EE: W nx & main points, ID @ 1612, "Top Priority", II 7370/7345/170/795
 (333 1/19 Barr-CA)
 RK: GG: IS to 0001, "Heir ist R. Kiew" & sked amnt, pgm preview, nx, 0059" (242
 2/5 Westenhaver-QU)
 R-Kiev (P): Ukrainian: IS: "Havoryt-Kyev" & MW s/on amnts, nx, II 7240 (444 2/3
 Westenhaver-QU) (Findlater-CA) (Millard-TX)
 R-Kiev (P): EE: Armenian mx, EE nx abt Armenia (333 1/3 Millard-TX)
 R. Ailantika: FR: Organ IS, MW ID, nx w many ments of CIS states, QRN (242
 1/30 Westenhaver-QU)
 RM, EE: M nx, poor (222 1/14 Findlater-CA)
 RM-Ulyanovsk (P): PP: M nx (222 2/9 Findlater-CA)
 RM-Ekaterinburg (W): RR: ID, M nx (333 1/16 Findlater-CA)
 RM-Komsomolsk (W): EE: W nx, "Mailbag" w/ Karl Yegorov, QRN/OSB (243 1/27
 Westenhaver-QU)
 RM, Indonesian: tik by M & W, instrumental mx, frequent ments of Indonesia, ID
 @ 1202 (444 1/18 Hart-MN)
 RM-Rkrusk (W): Thai/EE: MWV tik w/ mx bndges, "Thin Moscow" ID @ 1428, dead
 air, joined RMWS in progress @ 1429 (343 1/27 Westenhaver-QU)
 RM-Lvov (W): EE: W, tenor operatic selections (222 2/12 Findlater-CA)
 RM-Lvov (W): EE: religious choral mx, W cmtry (444 1/7 Lewison-PA)
 RM-Armavir (W): EE: ad for RM goodies that company in Nova Scotia, nx
 briefs, "Audio Book Club" (344 1/27 Westenhaver-QU) (Babin-MA)
 RM-Nikolayevsk (W): EE: end of hour routine, W new year's greeting and nx (333
 1/1 Park-HI)
 RM-Bishkek (W): CC: M nx, jazzy mx, ID @ 1212, into W/M tiks (222 1/30
 Westenhaver-QU)
 RK-Shteripot (W): EE: pgm "Ukrainian Diary" w/ tik abt dispute w/ Russia over
 control of Crimea, II 7240/7400 (343 2/4 Westenhaver-QU)
 RM-Lvov (W): EE: nx & full ID, into jazz mx, RR @ 2300, co-chan R. Austria in SS
 (312 2/6 Minnahan-CH) (Westenhaver-QU)
 RM-Serpukhov (W): FF: pgm of RR ballads, W ID @ 0843, 0859" (242 1/16
 Westenhaver-QU)
 RM, EE: pgm of old tango records, II 9855 (242 1/19 Westenhaver-QU)
 RK-Biagoveshchensk (W): EE: M w/ Ukrainian wx, pgm abt Ukrainian history (good

CIS

Radio Moscow Radio Kiev Radio Tashkent Radio Yerevan

44851	0600	Kamychatka R.-Petropavlovsk (P): FR: M lik, light classical mx (222 2/8 Findlater-CA)
47951	2239	Buralat R.-Ulan Ude (P): FR: RR: MWV tik in RR (433 1/23 Bishop-NY)
4825	0238	RK-Khatkov (W): EE: cmty on CIS, "Crossroads", ID (252 1/24 Lukas-NY)
5915	0130	R. Alma Ata-Alma Ata (P): EE: ID, nx, pgm on Kazakhstan (242 1/9 Bagozzi-CA)
7160	0500	RM-Lvov (W): EE: W hosting an operatic mx pgm (333 2/8 Findlater-CA)
7205	1148	RM-Kengas (W): FR: chatty W tik w light mx bridges, rock mx, @ 1158 RR WS theme mx & "Moskovsky R." amnt, IS to 1200 (333 1/22 Westenhaver-QU)
7240	0000	RM-Khatkov (W): FF: Kremlin bells, W ID amnt w ment for Canada, nx, II 9750/9860 (343 2/4 Westenhaver-QU) (Babin-MA)
7245	1030	RM-Petropavlovsk (P): EE: nx briefs, pgm of short classical pieces, ID @ 1058, on past 1100 (242 1/26 Westenhaver-QU)
7265	0115	RT-Tashkent (P): EE/FR: M ancr w/ US pop mx, EE ID @ 0115 (322 1/3 Babin-MA)
7270	0715	RM-Petropavlovsk (W): EE: ID, nx (433 1/9 Millard-TX)
7355	2253	RM, CC: M tik, mx bridges, "Mosuko guangbo dianlai" ID/amnt @ 2258, IS to 2300, QRN/OSB (131 2/4 Westenhaver-QU)
7360	0450	RM-Krasnodar (P): SS: Kremlin bells, IS, ID "R. Moscou International" (333 1/1 Millard-TX)
7380	1608	RM, EE: W nx & main points, ID @ 1612, "Top Priority", II 7370/7345/170/795 (333 1/19 Barr-CA)
7380	0000	RK: GG: IS to 0001, "Heir ist R. Kiew" & sked amnt, pgm preview, nx, 0059" (242 2/5 Westenhaver-QU)
7400	2259	R-Kiev (P): Ukrainian: IS: "Havoryt-Kyev" & MW s/on amnts, nx, II 7240 (444 2/3 Westenhaver-QU) (Findlater-CA) (Millard-TX)
7400	0350	R-Kiev (P): EE: Armenian mx, EE nx abt Armenia (333 1/3 Millard-TX)
7420	2229	R. Ailantika: FR: Organ IS, MW ID, nx w many ments of CIS states, QRN (242 1/30 Westenhaver-QU)
9450	0400	RM, EE: M nx, poor (222 1/14 Findlater-CA)
9470	0000	RM-Ulyanovsk (P): PP: M nx (222 2/9 Findlater-CA)
9610	1700	RM-Ekaterinburg (W): RR: ID, M nx (333 1/16 Findlater-CA)
9675	1403	RM-Komsomolsk (W): EE: W nx, "Mailbag" w/ Karl Yegorov, QRN/OSB (243 1/27 Westenhaver-QU)
9680	1143	RM, Indonesian: tik by M & W, instrumental mx, frequent ments of Indonesia, ID @ 1202 (444 1/18 Hart-MN)
9735	1419	RM-Rkrusk (W): Thai/EE: MWV tik w/ mx bndges, "Thin Moscow" ID @ 1428, dead air, joined RMWS in progress @ 1429 (343 1/27 Westenhaver-QU)
9750	2130	RM-Lvov (W): EE: W, tenor operatic selections (222 2/12 Findlater-CA)
9750	0309	RM-Lvov (W): EE: religious choral mx, W cmtry (444 1/7 Lewison-PA)
9765	2029	RM-Armavir (W): EE: ad for RM goodies that company in Nova Scotia, nx briefs, "Audio Book Club" (344 1/27 Westenhaver-QU) (Babin-MA)
9780	1458	RM-Nikolayevsk (W): EE: end of hour routine, W new year's greeting and nx (333 1/1 Park-HI)
9845	1202	RM-Bishkek (W): CC: M nx, jazzy mx, ID @ 1212, into W/M tiks (222 1/30 Westenhaver-QU)
9860	0130	RK-Shteripot (W): EE: pgm "Ukrainian Diary" w/ tik abt dispute w/ Russia over control of Crimea, II 7240/7400 (343 2/4 Westenhaver-QU)
9870	2250	RM-Lvov (W): EE: nx & full ID, into jazz mx, RR @ 2300, co-chan R. Austria in SS (312 2/6 Minnahan-CH) (Westenhaver-QU)
9880	0832	RM-Serpukhov (W): FF: pgm of RR ballads, W ID @ 0843, 0859" (242 1/16 Westenhaver-QU)
9885	1238	RM, EE: pgm of old tango records, II 9855 (242 1/19 Westenhaver-QU)
11790	0025	RK-Biagoveshchensk (W): EE: M w/ Ukrainian wx, pgm abt Ukrainian history (good

SPAIN Radio Beijing Radio Exterior de Espana Spanish National Radio

6055 0124 REE: SS: Taped reports by M/W. (555 1/13 Humenyk-ON)
7105 2154 REE: SS: "Spañoles en del Mar", "Musica Gitana", "Unidoma sin Fronteras". (333 1/14 Rontain-FL) What's-BC
9530 0007 SNR: NE: Talk about the Spanish press. (544 1/26 Bishop-NY)
0100 0130 SNR: NE: "The Outside Track" program of Mx. (443 1/26 Lemke)
0130 0130 SNR: NE: M/w/news, wx & talk on Olympics. (444 1/23 Valatine)
0502 0502 SNR: NE: News, talk & "DX Special". (433 1/11 Brown-IL)
9690 0302 REB: UN: Tells us to pay it back dues. (444 2/4 Brown-IL)
12035 2150 REE: SS: Discussion of scientific proof for authenticity of the miraculous appearance of Virgin of Guadalupe in Mexico. (454 1/4 Meinhardt-IL) (s-9 1/15 Lish-FL)

SWITZERLAND

6135 0212 SRI: RE: //9650, 9885; "DateLine". (433 1/13 Brown-IL)
9650 0225 SRI: RE: Talk of drug scene in Zurich. (555 1/18 Gibson-AR)
0115 0225 SRI: RE: M/ID & freq amnts. (544 1/23 Valatine-CA)
0230 0230 SRI: GE: News & talk. (555 1/18 Gibson-AR)
12035 0205 SRI: RE: News & "DateLine" on aid to Russia. (222 1/31 Brown)
0400 0400 SRI: RE: ID, freq amnt & news. (222 1/31 Brown-IL)
1455 0400 SRI: GE: Talk & alpine music. (s-2 1/28 Lish-FL)
2100 0845 SRI: RE: News & "This Week in Switzerland". (333 1/18 Brown)
13685 0845 SRI: RE: Discussion on Swiss inflation. (555 1/8 Millard-TX)
1014 1014 SRI: RE: Talk on Shamir's visit to Geneva; ID by Bob Zanotti & quick look at Swiss weather. (242 1/30 Westenhaver-PQ)
1930 1930 SRI: RE: //13635, 9885; News. (333 1/12 Ffindlater) (s-2 Lish)
21630 1945 SRI: RE: Quiz game, address, music & ID. (433 1/1 Wolfson-OH)
British Broadcasting Corp Voice Of America

UNITED KINGDOM

6195 0530 BBC-Europe: RE: "Europe Today" on European topics; Scotland's desire for independence and review of the European press. (454 1/3 Lukas-NY)
7325 0246 BBC: RE: Talk on British politics; music of Frank Sinatra and program notes. (444 1/31 Brown-IL)
2240 BBC: RE: "Megamix" all about wind surfing. (454 1/14 Fraser-MA)
9915 0043 BBC: RE: "Two Cheers" comedy program with unfattering spoof on American politics & elections. (443 1/30 Thompson-CA)
0427 BBC: RE: Sports - England vs India in cricket; ID and end of this frequency @0430*. (333 1/31 Brown-IL)
1649 VOA: RA: Jazz program w/female announcer. (322 1/23 Gchorok)
1511 VOA: RE: "Newline" w/rpt on repatriating Haitian boat people; @1530: "Magazine Show". Mucho OGB. (242 2/3 Westenhaver-PQ)
Vatican Radio
0014 VR: II: Just music. First East European music then country & western, then EZL music. RTTY OGM. (333 1/21 Lukas-NY)
7250 0600 VR: RE: Letters from early Christians. (333 1/18 Brown-IL)
7305 0000 VR: SS: M w/religious talk. (222 2/9 Ffindlater-CA)
0355 VR: SS: SS ID and close down. (333 1/3 Millard-TX)
7310 2250 VR: RE: to Aust/NZ; //11830; Report on Haiti's problems and prospects for establishment of democracy. (333 2/4 WM-PQ)
9695 0630 VR: RE: African SWC: IS & African news. (322 1/11 Brown-IL)
15090 1313 VR: ??: Vatican bells & operatic music. (s-2 1/11 Lish-FL)
2000 VR: RE: African mx & "Weekly Sports Corner". (444 1/18 Miller)
17520 1258 VR: RE: M w/church rights in Jerusalem. (s-3 1/16 Lish-FL)
17750 2015 VR: RE: Bible readings about Solomon. (s-1 1/1 Lish-FL)
Radio Yngoslavija

YUGOSLAVIA

9505 2219 RY: RE: Talk about the Ozone layer & pop music bridge. (s-2 1/9 Lish-FL)
9580 0130 RY: RE: News about the civil war. (333 1/6 Millard-TX)
0234 RY: RE: News about the shooting down of the EC helicopter, s/into news & commentary. (434 1/26 Carson-OK)
Killing two monitors. Severe OGM. (422 1/9 Lukas-NY)

Here I am at the end of the column again. (Play on words) I want to add what Bill stated last month about sending relay sites to the editor that would handle those sites. For example, every month I ditch more than half of the BBC loggings because they're not from Europe. I hate doing it but that's the rules. Please help us by being more conscious of this. Many changes coming up on shortwave the end of March. Radio Prague is changing it's name, Swiss Radio Int'l and Radio Netherlands revamping their schedules. Who knows what cutbacks are planned for our favorite stations. Stay close to those radios. It's better than sticking your head in the sand.

Call Number	Frequency	Time	Program/Content
7245	5000		RNI: Norwegian s/on in EE & into news. (422 1/5 BabIn-MA)
9645	0007		RNI: Norwegian: M w/talk. (555 1/6 LukAs-NY)
0007	0300		RNI: EE: "Trends & Traditions" about childhood memories of Father Christmas. (544 12/21 Miller-GA)
11930	0030		RNI: Danish: M w/news. (333 1/15 FIndlater-CA)
2205	2205		RNI: EE: "Norway This Week" on a TV debate that the 7 nation E.C. is the 7-headed beast in the Bible. (443 1/12 Fraser-MA)
17730	2000		RNI: EE: News & report on the way foreigners view Norwegians. ID & rock music. (332 2/2 Brown-IL)
2203	2203		RNI: EE: News, sports & "Let's Talk About It" about being a foreigner in Norway. (433 1/25 Brown-IL)
25730	1321		RNI: EE: Talk on environment & industry in Norway; "Consumer Report" on "green" products. (444 2/1 Cichorek-NJ)
			POLAND
2040	2040		RPM: EE: Program about music of Brahms. (422 12/30 BabIn-MA)
2215	2215		RPM: EE: "Postbag"; @2240: press review of Poland's English newspaper. (333 1/17 Miller-GA) This best time dropped. BC
1658	9525		RPM: FF3: s/on w/IS & into language; unreadable due to polar flutter in Poland is tough in WCNA. (422 1/14 Flynn-OR)
			Polish Radio Warsaw in English (2/1/92)
			1300-1355 utc on 11815, 9525, 7145, 6135
			1600-1655 on 11840, 9525, 7285
			1800-1855 on 9525, 7145
			2030-2125 on 9525, 7270, 7145, 6135, 6095
			Radio Portugal
			Voice of America
0630	6100		RPP: PP: DJ w/Portuguese music program. (222 1/15 FIndlater-CA)
7210	0329		RCI-Sines: AA: IS w/EE/FF IDs then AA s/on anmt & news by M. Very noisy. (241 2/4 Westenhaver-DQ)
9570	0231		RPP: EE: News about conference in Portugal on former Soviet republics & business equipment exposition. (444 1/23 Brown-IL)
2230	0045		RPP: PP: @19705, 11840; M w/talk & pop mx. (222 1/13 FIndlater)
9600	2230		Radio Renaissance: PP: ID & M w/talk. (222 1/14 FIndlater-CA)
2330	2330		RDP: PP: //9635; Beautiful Portuguese music. (333 1/15 Hunenyk)
0900	0900		AWR: EE: s/on by Minnie Almeida under co-ch HCB in Quechuan, making AWR totally unreadable. This is why you don't see more logs for AWR in this column. I'm frustrated! (211 2/23 BC)
9705	0232		RDP: EE: "Welcome to Portugal" (433 1/28 Lemke-AB)
			News & comments on trade. (333 1/20 Brown-IL)
0600	0600		Radio Liberty: RR: "Radio Svoboda", news. (222 1/26 FIndlater)
11700	1932		IRBA: RR: ID "Radiostansiya Ebra" into gospel music & talk; @2000: IS & English ID w/site; then into RR. (333 2/21 BC-NJ)
11740	2000		RDP: EE: M w/news & commentary. (222 1/10 Langlois-PL)
2100	2100		VOA: Ukrainian: M/W w/news; 2200. (222 2/8 FIndlater-CA)
11838	0240		RDP: EE: News about Portugal & weather. (433 1/16 Caharan-LA)
0232	0232		RDP: EE: News on exhibition of ps sculptor. (333 2/3 Brown-IL)
11840	0232		Radio Liberty: RR: "Radio Svoboda", talk. (222 1/12 FIndlater)
11885	0100		Radio Liberty: Ukrainian: M/W w/nx; 2200*. (1/27 FIndlater-CA)
11935	2000		Radio Liberty: Ukrainian: M/W w/nx; 2200*. (1/27 FIndlater-CA)
17745	1559		RDP: PP: "RDP International--Informacao" ID; into football commentary. WRTH says Sat/Sun only, but football rules OK! (333 2/5 Westenhaver-DQ) I've noticed that too w/football. BC
21515	1544		RDP: PP: M w/news (mostly European); @1548: "RDP International" ID & into sports. Poor w/21505 splash. (222 1/31 Westenhaver)
			ROMANIA
5990	0200		RRT: EE: //6155; IS & ID. (344 1/13 Hunenyk-ON)
*2100	7195		RRT: EE: IS & s/on routine for "3rd daily broadcast to Europe"; then news on conference to improve east/west European links. (343 1/26 Westenhaver-DQ)
9510	0216		RRT: EE: News & talk on political parties in Romania. (444 1/18 Gibson-AR)
11940	1311		RRT: EE: Talk on plans to house orphans & the aged in Romania. (222 2/1 Cichorek-NJ)
			SWEDEN
9695	0200		RRT: EE: "60 Degrees North". (434 1/28 Lemke-AB) (322 1/20 Brown)
11705	0200		RRT: EE: ID, program notes & news: \$172,000 reward offered for info on who is attacking foreign visitors. (333 2/3 Brown-IL)
1520	1520		RRT: SS: Report on Swedish auto industry. (444 1/30 Meinhardt)
1539	1539		RRT: EE: "60 Degrees North" w/rpt on protests by senior citizens against cutback of benefits. (343 1/23 MW-RQ) (545 12/19 Rude)
			"Sounds Nordic", mx program on every 2 weeks. (343 1/1 Flynn)

9700	2000	VOA: BE: ID & news: Yeltsin says the US isn't considered to be a potential enemy. (333 1/26 Brown-IL)
17515nt	1244	VOC: EE/Greek: M/W/EE news & ID; Greek annnts & 1248*. (PBR lists 17535) (243 1/19 Westenhaver-RQ) PUNCH-UP error? BC
		<u>Radio Budapest</u>
9835	0300	RB: EE: "What You Say" w/Listener's comments & "Hit List" w/movie tracks. (433 2/12 Miller-GA)
1910	0325	RB: EE: Concept of new Atlantic community. (433 1/31 Gaharan) "What You Say", "DX News" & "Hit List". (323 1/18 Carson-OK)
2200		RB: EE: W/news. Poor. (222 2/6 Findlater-CA)
		<u>ICELAND</u>
9265.1	1106	Rtkisutvarpid: Icelandic: Vocal music (Streisand) & M/W/talk. (222 1/5 Foster-NC)
		<u>European Christian Radio</u>
		<u>Radio televisione Italiano</u>
6210	0713	EGR: Slavics? IS W/EE ID between segments; s/on @0715 followed by religious program by W/M consisting of talks & organ mx. (353 1/5 D'Angelo-PA)
9575	0105	RAI: EE: News: all the olive oil in the EBC will meet Italian standards & Mother Theresa recovering in Rome. (333 2/5 Brown)
2325		RAI: II: "Musica ClassicaI" - operatic arias. (444 1/13 Fraser)
0050	0100	RAI: II: M/w/commentary & dirge type music. (s-3 1/4 Lish-FL)
0100	0100	RAI: EE: Fewer children being born in Italy. (444 1/28 Brown)
0100	0100	Item on Vatican's growing relations w/Israel. (545 1/8 Fraser)
0140	0140	RAI: II: Bringing in the new year with a traditional meal of Lentischcia (lentils) and Zamponi (stuffed pigs feet) for luck; 23000 bottles of champagne consumed. (544 12/31 Rontanini)
0145	8 0022	RAI: FF: French ID & news. (333 1/6 Miller-d-YX)
13665.8	0022	Voice of Europe: EE: Continuous rock music w/not much talk but some jingles: "The Voice Of Europe". Thanks to tip on GH's "World Of Radio" from Darío M. in Italy. He mentioned them testing on this freq. (222 2/17 BC-NJ) It's Back! - BC
1500	21690	RAI: II: "Domitica Sportiva" (Sunday sport), "Tutto Calcio" with Italian soccer: Napoli (4) vs genoa (3). (333 1/19 Rontanini)
		<u>Radio Luxembourg</u>
2300	2300	RTL: GG: News by W; RTL jingle & into rock music "Can You Hear Me?". Not //15350 which had BE at this time. (222 2/21 BC-NJ)
2150	2150	RTL: EE: Music by Genesis, IDs & time checks; news @2200. @2244: "16 minutes to 11", "Turn it up loud, its time to annoy the neighbors". Sounds like Z-Rock but w/top 40. (444 1/21 BC)
		<u>Deutsche Welle</u>
		<u>Voice Of Mediterranean</u>
9765	0610	VOM: SS: //11810; M/w/news & brief IDs. (333 2/8 Carson-OK)
13790	2300	DM: SS: //11810; M/w/news & brief IDs. (333 2/8 Carson-OK)
		<u>Trans World Radio</u>
9480	0733	TWR: EE: IS & s/on @0735; into "Wake Up". (344 2/8 Carson-OK)
0745	0745	TWR: EE: Religious program & ID @0815: "This is Trans World Radio Monti Carlo". (353 1/12 Bagozzi-CA)
		<u>Radio Netherlands</u>
6020	0220	RM: Dutch: Closing annnts of "Happy Station" program & national anthem. (544 1/12 Carson-OK)
9895	2038	RM: EE: //9860 (333), 11660 (222); "Happy Station" w/music & talk. (433 2/2 Rontanini-FL)
2051	2052	RM: EE: "Research file", talk on solar flares. (444 1/13 Fraser)
1524	1524	RM: EE: "Rembrandt Express" about women in men's jobs. (454 1/10 Fraser-MA)
1524	1524	RM: EE: End of programming & freq annnts for Asia, 1525*. (s-4 1/28 Lish-FL)
2030	2030	RM: EE: "Rembrandt Express" w/talk on vampires. (444 2/7 Miller)
2100	2100	RM: EE: "Newsline" & into "Media Network". (333 2/6 Carson-OK)
1454	1454	RM: EE: On composition of news program. (322 12/30 Babin-MA)
13770	1454	RM: EE: "Media Network" with review of changes at Swiss Radio Int'l. (434 1/30 Carson-OK)
21745	1410	RM: Dutch: Sports - mainly Dutch/European football; news head lines * s/off annnt @1424*. Slight QSB. (444 2/3 Westenhaver)

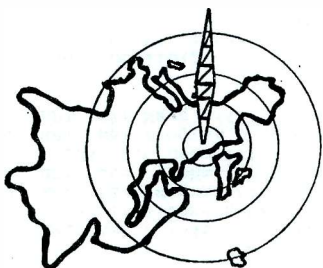
Voice Of Greece Voice Of America

continued

- 5930 0310 RPI: EE: //7345(434); Press Review, "DX Special" & "Malibag".
 7345 0127 RPI: EE: Program of Czech classical music. (555 1/13 Humenyk)
 0310 RPI: EE: DX chat about the unusual propagation conditions.
 2115 RPI: EE: Program on dieting & nutrition. (333 12/30 BabIn-MA)
 2200 RPI: EE: News. (434 1/10 Gaharan-LA)
- EURO-PIRATE**
 6911 0433 Radio Dublin(p): ?? Rock mx (Moody Blues "Question"); signal
 gone within minutes. Heavy VTE QRM. (222 1/1 Karceski-MA)
 2320 Radio Dublin: EE: Rock n roll music; freq amt and address;
 This appears to be on 24 hours. I checked this freq a month
 ago & nothing, but now it's better. Thx WK1 (222 2/15 BC-NJ)
- FINLAND**
 9560 0230 RF: EE: "Northern Report": Finnish parliament authorizes the
 purchase of jet fighters, and food is the most expensive in
 Finland. (433 Brown-IL)
 0400 RF: Finnish: //11755; M/W/talk. 0433*. (333 1/30 Pndlater)
 RF: EE: "Northern Report" w/Cheryl Rtgans. (555 1/7 Rude-WI)
 0230 //9560(343); Talk about Finnish humanitarian aid to the CIS.
 Some noticeable polar filter. (243 1/31 Westenhaver-PQ)
 English off @2050?; IS & into French. (544 1/2 Flynn-OR)
 RF: EE: Talk w/Finnish foreign minister. (443 1/31 Gaharan-LA)
 1245 RF: EE: "Forum Heisinki" w/debate on changing the armed forces
 to mirror the changes in Europe. (554 1/19 Fraser-MA)
- FRANCE**
 5945 2332 RPI: FF: News by M. (544 1/12 Humenyk-ON)
 9790 1015 RPI: SS: News on Bush struggling to re-establish US world
 leadership. (343 1/25 Meinhardt-IL)
 0145 RPI: SS/FF: to "Amerrique Latine". (555 Gibson-AR) This freq
 uses more than one site. I would assume this to be Guyane. BC
 RPI: EE: "Press Review" & "Counterpoint" (444 1/29 Carson-OK)
 17620 RPI: EE: "Parts Calling Africa". (333 1/24 Langlois-FL)
 2058 RPI: FF: Played jingle, bells & metal drums; @2100 ID & news.
 (222 1/20 Kontantini-FL) via Guyana & France at same time. BC
 RPI: EE: //21770; ID & amt of program to Asia & into feature/
 abuse/unemployment. (242 2/5 Westenhaver-PQ)
- GERMANY**
 3995 0411 DM: GG: W/talk. (322 1/16 Bishop-NY)
 5960 0459 DM: EE: IS, ID & News about ceasefire in Croatia & fighting in
 Georgia. (333 1/19 Brown-IL)
 6045 0505 DM: EE: News on EC & air pollution; ID & "European Journal"
 @5011. (343 1/21 Hart-MN)
 6085 2002 Bayerischer Rundfunk: GG: M w/talk & music, ID & freq amt.
 (322 1/1 Wolfson-OH)
 0400 DM: GG: s/on & into World & German news. (444 1/24 Carson-OK)
 7115 0041 DM: W/talk & popk music, Bad CW QRM. (s-6 1/20 Lish-FL)
 7190 2224 RFE/RL: Polish M w/talk about Yugoslavia. (222 1/18 Cichorek)
 0615 DM: EE: Sports report w/discussion of World Cup, then talk on
 development of Germany. (343 1/19 Carson-OK)
 11795 0035 DM: GG: M w/discussion on dollars & marks. (s-7 1/4 Lish-FL)
 11865 0115 DM: EE: Talk on possible strike in steel industry in Germany.
 (443 1/30 Gaharan-LA)
 11915 0126 DM: GG: Long freq amt & ID; "Kulturparorama" about German
 reading habits. QRM de co-ch Turkey(presumed). (232 2/3 MW-PQ)
- GREECE**
 7130 0530 VOA: Polish: M w/talk on Lincoln assassination & building of
 his monument in Washington. (333 1/23 Pndlater-CA)
 7170 2310 VOA: Farsi: W/M w/current affairs stuff, & occasional English
 inserts; @2328; "Yanke Doodle" & EE s/off. (It's the middle
 of the night in Iran!) (333 2/3 Westenhaver-PQ)
 9420 0032 VOG: Greek: Rock type vocal music alternating w/ethnic music
 selections. (444 1/22 Levison-PA)
 0132 VOG: EE: ID: time check & news. (333 1/14 Brown-IL)
 World news & news about Greece & Cyprus. (s-9 1/13 Lish-FL)
- CZECHOSLOVAKIA**
 5930 0310 RPI: EE: //7345(434); Press Review, "DX Special" & "Malibag".
 0310 RPI: EE: DX chat about the unusual propagation conditions.
 0127 RPI: EE: Program of Czech classical music. (555 1/13 Humenyk)
 2115 RPI: EE: Program on dieting & nutrition. (333 12/30 BabIn-MA)
 2200 RPI: EE: News. (434 1/10 Gaharan-LA)
- Radio Prague Int'l**
 5930 0310 RPI: EE: //7345(434); Press Review, "DX Special" & "Malibag".
 0310 RPI: EE: DX chat about the unusual propagation conditions.
 0127 RPI: EE: Program of Czech classical music. (555 1/13 Humenyk)
 2115 RPI: EE: Program on dieting & nutrition. (333 12/30 BabIn-MA)
 2200 RPI: EE: News. (434 1/10 Gaharan-LA)
- Radio France Int'l**
 5945 2332 RPI: FF: News by M. (544 1/12 Humenyk-ON)
 9790 1015 RPI: SS: News on Bush struggling to re-establish US world
 leadership. (343 1/25 Meinhardt-IL)
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 (222 1/20 Kontantini-FL) via Guyana & France at same time. BC
 RPI: EE: //21770; ID & amt of program to Asia & into feature/
 abuse/unemployment. (242 2/5 Westenhaver-PQ)
- Deutsche Welle Radio Free Europe**
 3995 0411 DM: GG: W/talk. (322 1/16 Bishop-NY)
 5960 0459 DM: EE: IS, ID & News about ceasefire in Croatia & fighting in
 Georgia. (333 1/19 Brown-IL)
 6045 0505 DM: EE: News on EC & air pollution; ID & "European Journal"
 @5011. (343 1/21 Hart-MN)
 6085 2002 Bayerischer Rundfunk: GG: M w/talk & music, ID & freq amt.
 (322 1/1 Wolfson-OH)
 0400 DM: GG: s/on & into World & German news. (444 1/24 Carson-OK)
 7115 0041 DM: W/talk & popk music, Bad CW QRM. (s-6 1/20 Lish-FL)
 7190 2224 RFE/RL: Polish M w/talk about Yugoslavia. (222 1/18 Cichorek)
 0615 DM: EE: Sports report w/discussion of World Cup, then talk on
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 (443 1/30 Gaharan-LA)
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 7130 0530 VOA: Polish: M w/talk on Lincoln assassination & building of
 his monument in Washington. (333 1/23 Pndlater-CA)
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 0132 VOG: EE: ID: time check & news. (333 1/14 Brown-IL)
 World news & news about Greece & Cyprus. (s-9 1/13 Lish-FL)

EUROPE

BOB COLYARD
84 HARRISON AVE
BRICK, NJ 08724



Radio Tirana

ALBANIA

- 9725 RT: EE: ID by M & talk on economy; description of historic church @2247. GRM de co-ch RFR @ 222 01/18 Clichorok-NJ
- 9760 RT: EE: Vocal music selections. (444 1/21 Leviton-PA)
- 0334 RT: EE: M w/news about labour contract. (555 1/19 Hunenjk-ON)
- 0459 RT: EE: Sign/oft annts. (333 12/22 Babln-MA)

Radio Austria Int'l

AUSTRIA

- 0640 ORF: EE: Talk on national museum of science. (444 12/22 Babln)
- 9870 ORF: GC: M w/foreign news & a waitz. (433 1/23 Valentine-CA)
- 9870 ORF: EE: M w/ID & world news. (242 1/8 Thompson-CA)
- 0135 ORF: EE: "Report from Austria", news & wx. (444 1/28 Brown-IL)
- 9875 ORF: EE: M w/talk on Yugoslavia & it's former republics. (433 1/21 Bishop-NY)
- 0131 ORF: EE: Program notes, news & report on the Austrian pension system; talk on Schubert. (444 2/5 Brown-IL)
- 2220 ORF: GC: Music by Strauss & pop music. Very weak. (53 1/13 Lish-FL)

Belgische Radio en Televisie

BRIGIUM

- 9925 BRT: News, "P.O.Box 26" mailbox program. (534 1/27 Card-RI)
- 9930nt 0027 BRT: EE: Colin Clapson w/ID, annts & program preview, then news of Belgian government crisis. They've got new theme mx.
- 1910 BRT: Dutch: M w/comments & pop music. (243 1/18 Hunenjk-ON)
- 1910 BRT: DUTCH: M w/ID & world news & commentary. (s-1/16 Lish-FL)
- 2200 BRT: EE: NX & press review about a US plane bringing food to the USSR. (exUSSR) (444 2/10 Miller-GA)
- 1804 RTBF: FF: "Journal partie" newscast; @1809 log drumming IS; w/ID & sked annt; more IS to 1811*. (242 1/18 MW-DQ)
- 1415 BRT: News & commentary by M on Belgian political parties & Parliament, followed by music selection. (554 11/25 Gibson)

Radio Sofia

BULGARIA

- 9560 *2050 RS: EE: s/on annts & into the news. (333 1/5 Babln-MA)
- 0500 RS: SS: M w/speech. (222 1/28 Fndlater-CA)
- 80715: FF: M w/news. (222 1/22 Fndlater-CA)
- 0007 RS: EE: M w/news about telstln. (333 1/13 Hunenjk-ON)
- 0148 RS: ??: Just caught tail end of ID. (555 1/6 Rude-WI)
- 0200 RS: Bulgarian: M w/news. (222 2/9 Fndlater-CA)
- 2227 RS: ??: M w/ID & pop music program. (s-3 1/13 Lish-FL)
- 2330 RS: EE: Program on economic reforms. (433 1/5 Babln-MA)
- *0400 RS: EE: ID, schedule & news, a committee says CNN's report on Bulgarian nuclear plants is wrong. (333 1/30 Brown-IL)
- 0602 RS: EE: "Lifestyle" w/discussion of new womens business club; pop music & quick s/of @0615*. (444 1/19 Carson-OK)

Croatian Radio

CROATIA

- 7240 CR: Croatian: //9830 (weaker); "Croatian Radio, Studia Zagreb" ID & into rock mx by: Neville Brothers, Bruce Springsteen etc.
- 0100 CR: Croatian: //9830 (poor); Time dips and ID followed by 1/2 hour of English country & western music. (454 1/26 D'Angelo-PA)

- 0456 HVARSKI Radio: Croatian: (333 1/26 Fisher-MA)
- 2200 CR: Croatian: English news @2203-2210 read by M/W alternating. (454 1/26 D'Angelo-PA)
- 2202 CR: EE: News in English about UN peace keeping troops. "and dips on the hour, some adjacent-ch GRM. (1/25 Hardester-NC)
- 2158 CR: EE: Today's news from Croatia". (222 1/19 Fisher-MA)

JAPAN continued...

17825 0307 RJ: EE: Nx--Japan's inflation rate in 1991 was 3/3% (433 1/30 Brown-IL)
17890 2100 RJ: EE: W mx; cmtly on how Japanese government should react to Bush's visit (333 1/10 Findlater-CA) (I presume that RJ was too polite to make the obvious remark.-ed.)

KOREA, D.P.R.

Radio Pyongyang

9977 1131 RP: EE: Tlk abt mosaics/murals in Pyongyang's metro; radio-magazine "Review of Korea"...1148* (343 1/19 ed.)
11735 1430 RP: FF; Two*ID's followed by W tlk; very strong signal (433 1/4 Hankison-KS)
13760 0000 RP: EE: Px "Our Land of Natural Beauty" abt the lovely win-tertime in DPRK (333 1/18 Miller-GA)

KOREA, REPUBLIC OF

RCI relay Radio Korea

6095 *1330 RCI: EE: S/on w/ID/frqs; into nx (323 1/25 Hankison-KS)
9750 1252 HK: EE: M mx; then mailbag px (454 1/18 Humenyk-ON)

LEBANON

Wings of Hope

11530 2100 WOH: EE: Preacher w/sermon/hymns; "Write us at Box 15115, Phoenix AZ or Box 3379, Limassol, Cyprus"; 2200* (222 1/11 Findlater-CA)

MARIANA ISLANDS

KHBI

9530 1359 KHBI: EE: IS; site ID; Kim Shippey w/ID and s/on anmts; then other M reads nx; very hollow signal (242 1/27 ed.)
(If you have trouble hearing KHBI in February, it's probably because they're working on the antennas out there.)

NEW ZEALAND

Radio New Zealand International

9700 0830 RNZI: EE: "Travel Pacific"--tlk w/wine consultant toAAir New Zealand abt NZ wines (444 1/30 ed.)
17770 0503 RNZI: EE: Nx of illegal fish trade in NZ (333 1/24 Brown-IL) (Sounds like a Monty Python sketch to me.-ed.) @ 0550 w/ "Ears" kids show w/reading of "The Secret Garden" (545 12/25 Carson-OK) (Our gifted T-shirt designer!)

OMAN

BBC relay

15360 1700 BBC: EE/?: M nx to 1715; then into lang to 1745*; poor (222 1/15 Findlater-CA) (BBC's sked lists langs as Hindi 1715-1730 and Urdu 1730-1745.-ed.)

PAPUA NEW GUINEA

3235 1240 (t)R. WEST NEW BRITAIN: PD: M hosting px of MOR and country mx (322 1/2 Lewis-IL)
3290 1240 (t)R. CENTRAL: PD: M presenting px of local and pop mx; hrd ment "Radio One" (422 1/1 Lewis-IL)
3345 1222 (t)R. NORTHERN: PD: M w/px of MOR mx; lots of static (222 1/2 Lewis-IL)

PHILIPPINES

Radio Veritas Asia VOA relay
Radio Filipinas Far East Bcst Corp

9520 1427 RVA: URDU: M chatting away to the end of the px (444 1/25 Humenyk-ON) @ 1227 w/cheesy fill mx w/EE ID's; @ 1230 another EE ID for JJ service; M JJ s/on anmt; then W tlk (243 1/19 ed.)
9760 1600 VOA: EE: M nx and "Agricultural Report" in Special EE (333 1/10 Findlater-CA) @ 1410 w/"VOA Jazz Hour" w/Willis Conover; amazing signal! (344 1/25 ed.)
11760 2231 VOA: SPECIAL EE: Nx; "Words and Their Meaning" on expressions w/"duck" (444 1/18 Brown-IL)
11965 0948 VOA: RR: Item on diplomatic relations w/Central Asian republics w/translated EE quotes de James Baker and some pundit; ID @ 0957...nx @ 1000 (242 1/30 ed.)
15190 1816 RF: EE/TAGALOG: Tlk w/a government minister abt construction in Manila (334 1/24 Willers-SW)
15290 2353 VOA: EE: "VOA Thursday Morning" w/rpt on future of US space programme; QRM de HGJB-15295 in PP (333 1/29 ed.)
15450 0000 FEBC: EE: W religious sermon and hymns (incl "Jesus Loves Me") (222 1/10 Findlater-CA)

PHILIPPINES continued...

17735 2320 VOA: EE: Promo for "VOA Thursday Morning"; rpt on Iraqi persecution of Shiite refugees; very fluttery (242 2/5 ed.)
17790 1551 VOA: CC: Bits of W/M tlc; @ 1554 "Jei shi Meiguo zhi sheng"; VOA editorial theme mx/M tlc--then HCJB IS w/FF ID's came on co-channel (243 2/1 ed.)

SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia

9870 2018 BSKSA: AA: Non-stop AA vocals; @ 2030 full ID per WRTH; then px of 2 M tlks w/many ments Arab/world capitals; wonderfully clear today! (344 2/4 ed.)
9885 2221 BSKSA: AA: AA vocals; TP for 2230 (abt 12 secs late); full ID and M nx; SRI in PP de *2130 was well under this (343 2/4 ed)

SINGAPORE Singapore Best Corp BBC relay

5052 1350 SBC: EE: Mx px; "Radio 1" ID @ 1400; then nx (323 1/6 Dome-TX)
11750 1700 BBC: EE: Nx; interview on extent of Pakistan's nuclear capabilities (444 1/16 Findlater-CA)
11955 2340 BBC: EE: "A Jolly Good Show"; ID/nx @ 0000; RHC-11950 QRM de *2358 (333 1/11 Evans-TN) (Welcome back, Jim!-ed.)
11940 0800 SBC: EE: "This is SBC Radio 1"; DJ w/country mx px; W nx @ 0900 (222 1/19 Findlater-CA) (I know--out of order!-ed.)
15280 1103 BBC: IN: W nx to 1109; M tlc abt Chinese leader's visit to Europe; then some sort of dramatized tlc; //11920 was 142; //17730 via Oman was 141 (243 1/30 ed.)

SOLOMON ISLANDS Solomon Islands Best Corp

9545 0650 SIBC: EE: Pop mx; ID @ 0659; @ 0700 "Service Messages"; more pop mx 0702-0727; ads; national nx @ 0730 (333 12/28 Carson)

SRI LANKA Radio Japan relay

11840 *0100 RJ: EE: S/on into nx; @ 0115 "Let's Learn Japanese" (433 1/6 Carson-OK) @ 0130 w/DX nx; discussion on art of flower growing (222 1/10 Findlater-CA)

SYRIA Radio Damascus

12085 2008 RD: EE: Nx of Israeli West Bank settlements and fighting in Somalia; //15095 (333 1/3 Wakefield-IA)

TAIWAN Family Radio relay

11550 1410 FR: M/W hosting mailbag show (322 1/4 Hankison-KS) (Note that Voice of Free China @ 0200 in EE on 9680 is via the WYFR relay in Florida, so the loggings should go to Don Thornton's column.-ed.)

TURKEY Voice of Turkey

9445 *2300 VOT: EE: ... "DX Corner" w/tips from December SPEEDX (444 1/18 Miller-GA) (How nice of Semra!-ed.) @ 2140 w/w comments abt Turkey (555 1/18 Humenyk-ON) (Not quite psychic!) @ 2233 in FF w/DX px (fortnightly, per anmt); ID (343 1/18 ed.)
9685 1748 VOT: TK: Long M vocal selections; @ 1659 brief W anmt/TP/TC in Turkish time and into nx; much QRN plus faint UNID CC stn (333 1/27 ed.)
11710 *2300 VOT: EE: Frqs/px notes; nx; "DX Corner" (322 1/18 Brown-IL)

UNITED ARAB EMIRATES UAE Radio Abu Dhabi was logged as follows: 7215 @ 2336 in EE by Humenyk-ON; 11965 in EE @ *2200 by Findlater-CA; 15485nf? @ 1636 in AA by ed.; 21735 @ 0847 in AA by ed.

UAE Radio Dubai was logged as follows: 11945 @ 0350 in EE by Dome-TX; 13675 @ 0330 in EE by Brown-IL.

VIETNAM Voice of Vietnam

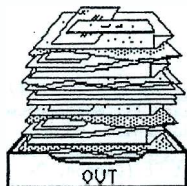
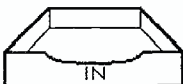
9840 *1530 VOV: CANTONESE: S/on routine w/2 ID's and anthem (232 1/4 Hankison-KS) @ 1816 in EE w/"Welcome to Vietnam" px w/tlc abt lcl industry; lcl mx (544 1/6 Willers-SW)

That's all for this time. I sincerely hope that things will be back to normal for next month. See you then!

73-Bill

QSL REPORT

Mike Wolfson
1842 Mifflin Ave.
Ashland, OH 44805



AFRICA

Comoros R Comoros 3331 p/d ltr 40 ds rp rpt FF/AA !! v/s Mohamed Hassani (Reese, De.); R Comoros 7260 p/d ltr (heard in Kenya) 300 ds rpt EE v/s Mohamed Hassani (Mantegazza, Italy)
Equatorial Guinea R Africa 7203 f/d cd (logo, sked) 24 ds rpt EE (Millard, Tx.)
Ghana RFT 12015 f/d cd (60th Anniversary) 28 ds rpt EE (Johnson, Id.)
Ghana Ghana B/C Corp. 6130 f/d cd (50th Anniversary) 32 ds 2 IRCs rpt EE v/s Mr. Lensath (Brown, Il.)
Madagascar R Netherlands 15570 f/d cd (Solar eclipse) 26 ds rpt EE (Brown, Il.)
Morocco RTV Marocaine 17595 f/d cd (map) 387 ds \$1 rpt EE (Bagozzi, Ca.); VOA 21625 f/d cd (Liberty Bell) 32 ds rpt EE (Humenyk, Ont.)
Namibia NBC 3290 f/d cd (desert cd, ltr, sked) 30 ds rp rpt EE v/s P. Schachtshneider (Evanchuck, Oh.)

ASIA/OCEANIA

Australia RA 17795 f/d ltr (Wilderness Society Cd, poster/calendar, sked) 30 ds rpt EE (Minnehan, Oh.) (welcome to the column Randy-MW)
China RB 9690 f/d cd (hair ornament) 25 ds rpt EE (Levison, Pa.); RB 9770 f/d cd (silk figurine) 25 ds rpt EE (Levison, Pa.); RB 11715 f/d cd (silk figurine) 21 ds rpt EE (Levison, Pa.); V of Jingling 4875 p/d cd (sunrise pix) 28 ds rpt EE (Hankison, Ks.); Yunnan PBS Kunming 4760 p/d cd (Dianchi Lake, sked) 73 ds rpt EE (Flynn, Or.)
French Polynesia RFO Tahiti 15171 f/d cd (logo, sked, map, sticker) 120 ds \$1 tape rpt FR (Evanchuck, Oh.)
Guam KSDA 15610 f/d cd (20th Anniversary) 21 ds rpt EE (Brown, Il.)
India AIR 11620 f/d cd (#300 ceremonial elephant) 74 ds 2 IRCs rpt EE (Brown, Il.); AIR 11620 f/d cd (snake charmer) 291 ds rpt EE (Humenyk, Ont.); AIR 11620 f/d cd 72 ds rpt EE (D'Angelo, Pa.)
Israel Kol Israel 11587 f/d cd (logo) 20 ds rpt EE (Brown, Il.); KI 11585 f/d cd (logo, pgm/freq sked) 48 ds rpt EE (Bishop, N.Y.)
Japan NHK 9675 f/d cd (Nara sunset pix, sked, nltr, calendar) 85 ds rpt SS/PP v/s T. Ishimaru (Meinhardt, Il.)
Korea, Republic of R Korea 15575 p/d cd (palace stone wall pix) 29 ds 1 IRC rpt EE (Brown, Il.); RK 7550 (others) f/d cd 74 ds rpt EE (Humenyk, Ont.); RK 9750 f/d cd (Ducksoo Palace pix) 38 ds 2 IRCs rpt EE (Carson, Ok.); RK 15575 cd (Ducksoo Palace pix, pgm/freq sked) 41 ds rpt EE (Bishop, N.Y.); RK 9750 f/d cd (Ducksoo Palace pix) 39 ds rpt EE (Humenyk, Ont.)
Lebanon King of Hope 11530 p/d cd (tx map) 31 ds 3 rp rpt EE (Hankison, Ks.); Wings of Hope 11530 f/d cd (ltr, more) 36 ds \$1 rpt EE (Evanchuck, Oh.); King of Hope 11530 f/d cd (map) 56 ds \$1 rpt EE (Bagozzi, Ca.); King of Hope 11530 f/d cd (info, ltr) 59 ds SASE rpt EE v/s Patrick C. Kowalick (Flynn, Or.)
Malaysia RTV Malaysia 5005 f/d cd (B/C House) 42 ds \$1 rpt EE (D'Angelo, Pa.)
Mariana Islands KFBS 9670 (rainbow and ocean) 127 ds ms rpt EE (Hankison, Ks.); KFBS 11650 f/d cd (rainbow, sked, data) 97 ds 2 rp tape rpt EE (Evanchuck, Oh.)
New Zealand RNZI 17770 f/d cd (Bellbird pix) 30 ds 3 IRCs rpt EE v/s Tony Hill (Brown, Il.)
Papua New Guinea P2T4 4890 p/d cd (tx map) 125 ds (1 f/up) 3 rp rpt EE (Hankison, Ks.); R E New Britain 3385 f/d cd (map, ltr) 431 ds \$1 rpt EE v/s Esekia Mael (Bagozzi, Ca.)
Philippines VOA 11760 f/d cd (Crosley Tx) 7 ds rpt EE (Brown, Il.); VOA 9760 (others) f/d cd (Jefferson Memorial, VOA studio) 73 ds rpt EE (Humenyk, Ont.)
Taiwan V of Asia 7445 f/d cd 60 ds rpt EE (Mantegazza, Italy); VOFC 9680 f/d cd (orphan's art work) 22 ds rpt EE (Levison, Pa.)
Vanuatu R Vanuatu 3945 p/d cd 96 ds rp rpt EE (Reese, De.)

COMMONWEALTH OF INDEPENDENT STATES

Russia NH 11695 f/d cd (Lenin Monument) 139 ds rpt EE (Levison, Pa.); DW 12055 f/d cd ("New B/C Center") 25 ds rpt EE v/s Pete Senger (D'Angelo, Pa.)
Ukraine R Kiev 11790 f/d cd (Kiev obelisk) 87 ds rpt EE (Levison, Pa.); RK 15180 f/d cd (Kiev pix) 88 ds rpt E (Humenyk, Ont.)

EUROPE

Austria RCI 11925 f/d cd (Intl Year of the Disabled) 10 mins v/s Bill Westenhaver !!! (Westenhaver, PQ); **R Austria** Intl 6155 p/d ltr (cd) 60 ds rpt EE (Rontanini, Fl.)

Bulgaria R Sofia 25.59m f/d cd (Nessebar Is. pix, sked, stickers) 42 ds 2 IRCs rpt EE (Carson, Ok.)

Croatia Hrvatski R 9830 f/d cd 106 ds ms rpt EE (Reese, De.)

Czechoslovakia R Praha 5930 f/d cd (Tyl Theatre) 43 ds rpt EE (Levison, Pa.); RPI 11990 p/d cd (Rajecnad Switarow Chateau) 80 ds (Meinhardt, Il.)

France RFI 17620 f/d cd 25 ds rpt EE (Minnehan, Oh.); RFI 5945 (others) f/d cd (Eiffel Tower) 51 ds rpt FF (Humenyk, Ont.)

Germany RCI 9505 f/d cd (35th Anniversary cd) 10 mins v/s Bill Westenhaver (Westenhaver, PQ)

Greece VOA 9700 f/d cd (Mt. Rushmore) 32 ds rpt EE (Humenyk, Ont.)

Hungary R Budapest 11910 f/d cd (Tapolca pix) 24 ds rpt EE (Humenyk, Ont.)

Italy RAI 9575 f/d cd (Modigliani painting) 144 ds rpt EE (Brown, Il.); RAI 9575 p/d cd 270 ds rpt EE (Rontanini, Fl.)

Netherlands RN f/d cd (Solar eclipse, sticker, sked) 29 ds rpt EE (Minnehan, Oh.)

Norway R Norway 21730 f/d cd (#20 painted clock) 60 ds rpt EE (Brown, Il.); RNI 11870 p/d cd (Glassware #17) 63 ds rpt EE (Hankison, Ks.); RNI 9645 f/d cd (glass designs) 36 ds rpt EE (Humenyk, Ont.)

Portugal RCI 9670 f/d cd (Wld DX Friendship Year) 10 mins v/s Bill Westenhaver (Westenhaver, PQ); **R Portugal** Intl 11740 f/d cd (flag) 30 ds rpt EE/Italian (Mantegazza, Italy)

Romania R Romania 6155 f/d cd (Romanian Atheneum pix) 35 ds rpt EE (Humenyk, Ont.); RR 11830 f/d cd (Bucharest R Bldg) 81 ds rpt EE (Humenyk, Ont.)

Spain REE 9630 f/d cd (museum pix) 81 ds rpt EE (Brown, Il.); REE 9630 f/d cd (Picasso Museum pix) 75 ds rpt EE (Bishop, N.Y.)

Sweden RSI 9695 f/d cd (phot montage) 42 ds 2 IRCs rpt EE (Carson, Ok.); Stockholm R 8930 // 11345 f/d cd (map) 278 ds ppc rpt EE (D'Angelo, Pa.)

Switzerland SRI 6135 f/d cd 32 ds rpt EE (Humenyk, Ont.)

UK RCI 7180 f/d cd (Jaques Cartier) 10 mins v/s Bill Westenhaver (Westenhaver, PQ); BBC n/d ltr (too busy to respond) (Minnehan, Oh.); VOA 11760 f/d cd (White House) 74 ds rpt EE (Humenyk, Ont.)

Yugoslavia R Yugoslavia 9505 f/d cd (pennant) 19 ds !!! rpt EE (Pagano, D.C.)

WESTERN HEMISPHERE

Brazil R Inconfidencia 6010 p/d cd (heard in Cancun, Mexico) 60 ds rpt PT v/s Eugenio Silva (Mantegazza, Italy); SRI 17730 f/d cd 32 ds rpt EE (Humenyk, Ont.)

Canada RCI 21545 f/d cd (Canada Council) 10 mins v/s Bill Westenhaver (Westenhaver, PQ); CFRX 6070 f/d cd (logo) 64 ds 1 IRC rpt EE v/s Stephen Canney (Brown, Il.); CHNX 6130 f/d cd 21 ds 1 IRC rpt EE v/s Kurt Arseneault (Brown, Il.); CHNX 6130 p/d cd (ltr) 913 ds (3 rpts + 7 f/ups !!!!) rp rpt EE v/s Kurt Arseneault (Hankison, Ks.); RCI f/d cd (35th Anniversary, sticker, pennant) 15 ds rpt EE (Millard, Tx.); CHNX 6130 f/d ltr 750 ds 1 IRC rpt EE (Karcheski, Ma.)

Cuba R Havana Cuba 7215 (others) f/d cd (coffee plantation) 192 ds rpt EE/SS (Humenyk, Ont.)

Dominican Republic R Amanecer Intl 6025 n/d ltr (heard in Cancun Mexico) 120 ds v/s Ing. Socrates Dominguez rpt SS (Mantegazza, Italy)

Ecuador HCJB 15155 f/d cd (colonial architecture) 42 ds ms rpt EE (Brown, Il.); HCJB 9455 f/d cd (colonial architecture) 42 ds ms rpt EE (Brown, Il.); HCJB 15155 f/d cd (HCJB hardware) 47 ds rp rpt EE v/s Gla Volkhardt (Bishop, N.Y.)

French Guiana R Beijing 11695 f/d cd (cloth ornament) 24 ds rpt EE (Brown, Il.)

Netherlands Antilles RN 11835 f/d cd (#3 European Skyline) 72 ds rpt EE (Brown, Il.); TWR 11930 f/d cd (Protestant Church) 30 ds rpt EE v/s Chuck Roswell (Millard, Tx.)

US R Free Croatia 7315 n/d ltr 64 ds rpt EE v/s Anthony Peraica (Brown, Il.); VOA 9455 f/d cd (Liberty Bell, shuttle, Bethany pix) 73 ds rpt EE (Humenyk, Ont.); WYFR 17760 f/d cd (logo) 15 ds rpt EE (Humenyk, Ont.); WHRI 7315 f/d cd (logo, pgm/freq sked) 184 ds rp v/s James L. Holycross (Bishop, N.Y.); VOA 7405 cd (Tx bldg) 10 ds rpt EE v/s John Vodenik (D'Angelo, Pa.); VOA 17800 f/d cd (Bethany Anniversary) 11 ds rpt EE v/s John Vodenik (Hart, Mn.); V of OAS 9560 p/d cd (logo, sked) 15 ds rpt SS (Meinhardt, Il.); WCSN 21640 p/d cd (ant. pix) ms rpt EE (Meinhardt, Il.)

Venezuela R Mara 3274 f/d cd (stn cd, ltr) 94 ds (4 f/up) \$1 rpt SS (D'Angelo, Pa.)

CLANDESTINE

V of the Broad Masses of Eritrea 7490 p/d ltr ("independent" since 5/26/91, info) 72 ds rpt EE v/s Mehreteab Tesfagiorgis (D'Angelo, Pa.)

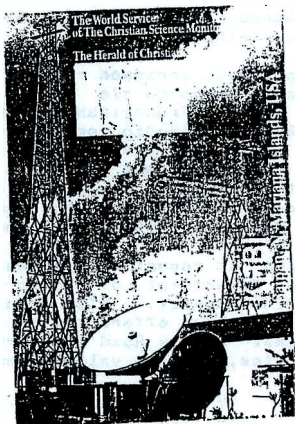
PIRATES

Germany R Mutiny Intl 6210 f/d cd (ltr) 110 ds rpt EE v/s Matt Roberts (Man-tegazza, Italy)
US WSKY 7415 f/d cd (logo) 20 dsms rpt EE v/s Mike Richards (Carson, Ok.); **V of Tomorrow** 7410 p/d cd (mtn pix) 270 ds rp rpt EE (Fisher, Ma.); **V of Anarchy** 7416 f/d cd (hand lettered "Certificate of Reception", ltr) 75 ds ms rpt EE (Karcheski, Ma.)

UTES

Antartica NNNONPA 13826 p/d ltr 244 ds rpt EE v/s "Mark" (Underwood, N.Y.); **NNNOICE** 13826 f/d cd 265 ds ms rpt EE (Underwood, N.Y.)
Canada VCC 500 f/d cd 102 ds rpt EE (Underwood, N.Y.); **VOO** 500 f/d cd 40 ds rpt EE v/s G.M. Carter (Underwood, N.Y.); **Halifax C/G R** 8787 f/d cd (4 pix, sticker) 27 ds rpt EE v/s Robt. N. Ward (D'Angelo, Pa.)
Canary Islands EAT 1698 f/d cd (ship & ant. pix) 50 ds rpt EE v/s Luis Valmayor (Underwood, N.Y.)
Netherlands Antilles PJC 500 f/d cd (coat of arms) 42 ds rpt EE v/s G. Sprock (Underwood, N.Y.)
Trinidad 9YL 500 f/d cd 88 ds \$1 rpt EE v/s "Larry" (Underwood, N.Y.)
US RZZ 407 (Halifax County Airport) p/d cd 6 ds ppc v/s Fred Whitfield (Hardester, N.C.); **PKZ** 326 (Pensacola Regional Airport) f/d cd 7 ds ppc ms (Hardester, N.C.); **CVV** 526 (Camp Blanding Training Site) f/d cd (ltr) 14 ds ppc ms (Hardester, N.C.); **RD** 1639 f/d cd 13 ds ppc tape (Hardester, N.C.); **DAW** 1641.9 f/d cd 19 ds rpt EE v/s Jim Young (Underwood, N.Y.); **9HDQ** 188.4 f/d cd 20 ds rpt EE v/s Dave Johnston (Underwood, N.Y.); **DCH** 187.335 f/d cd 20 ds rpt EE v/s Dave Holland (Underwood, N.Y.); **PC** 1625 f/d cd 26 ds rpt EE v/s Paul Cianciolo (Underwood, N.Y.); **TI** 1631.3 f/d cd 15 ds rpt EE v/s Rex Wilson (Underwood, N.Y.); **RGQ** 1650 f/d cd 30 ds rpt EE v/s Shel Cleaver (Underwood, N.Y.); **CAP** 4602.5 f/d cd 386 ds ppc rpt EE (D'Angelo, Pa.); **NOZ** USCG Stn Elizabeth City f/d cd (ltr) v/s Lt. Jay J. Brown (Hardester, N.C.)

That's it for this month folks. Hope to see some of you in Kulpsville later this month. Before I close things out Mike Hardester sent some addresses for beacon stations with his report this month. I thought I'd include them for those of you who chase them. (RZZ) HALIFAX COUNTY AIRPORT Box 55 Roanoke Rapids, N.C. 27870, (PKZ) FAA/DOT AFSFO-FAA TWR BLDG, Pensacola Regional Airport 2440 Airport Blvd, Pensacola, Fl. 32504, (NDB) Installation Support Unit ATTN: Range Control Officer Route 1 Box 465 Camp Blanding Starke, Fl. 32091-9703. Finally, this month's selection of goodies are courtesy of the collection of Steve Evanchuck. Thanks to one and all for the support.





Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

HURRY, HURRY, HURRY--step right up; be first in line, get it while it's still hot, don't delay, there are only a few left. They are unbound but your SPEEDX SUPERMARKET, 5008 Stonehenge Lane, Norman, Oklahoma 73071 has the surprise of a lifetime. Only \$1.00 for each of the FINAL few issues of "A GUIDE TO SOVIET RADIO" by Michael Nowicki. So it's out of date, so what. It still has that famous map listing each of the shortwave transmitters sites in what we used to call the USSR. An English/Russian reception report translation is also included. FOR THAT PRICE YOU CAN'T GO WRONG. Send your dollar and while you are at it, check into the SPEEDX t-shirts, another bargain.

"FRS-GOES-DX" was mentioned recently in several SPEEDX sections but this European effort has so much to offer, it is difficult to explain it in full. An annual subscription is offered from Post Office Box 2727, 6049 ZG Herten, The Netherlands for \$18.US (the monthly magazine has about forty pages) and a sample issue is only \$2.US. While the information is mostly European pirates, a recent issue had information on DXing the 90 meter band stations of Africa, what was available and hot from the then war-torn Yugoslavia, some US pirate information and other regular shortwave station details. FRS, in their magazine and by separate offer, has a long list of cassettes, classic pirate and non-pirate radio, taped from past programs. The monthly magazine has also included stereo cassette price offers from the German "Clandestine Radio Society".

One of our great SPEEDX members, Peter Card, has suggested a good looking World Time Zone map in the Mercator projection as available from Globe Corner Book Store, POBox 1756, North Conway, New Hampshire 03860. The map is about 13"x10", in a plastic mount and fits well on a desk. The price including shipping is \$23.70. An inbound WATS number is 1-800-358-6013. --- Also, an English firm offers COMPACT PETERS' ATLAS OF THE WORLD with the earth in "true proportion"; this atlas represents all countries and continents at the same scale. The price is 15.99 in English pounds from The Good Book Guide, 91 Great Russell Street, London WC1B 3PS, England and, of course, any type piece of plastic can be used.

Old Hat and stale, perhaps by now, but maybe some of you haven't heard that Radio Moscow has been offering souvenirs and gimmicks through a Canadian address. T-shirts are \$11.95, sweatshirts \$22.50, corduroy caps \$9.95, coffee mugs \$8.95 and embroidered shirts \$8.00 (all US) from North Atlantic Radio Service, Post Office Box 1, Marion Bridge, Nova Scotia B0A 1P0, Canada (each order needs \$5. for shipping but MasterCard and Visa will certainly be accepted).

As a partial, abridged reprint of a DSWCI item---for \$10.US to The Carlos Espinoza Campaign c/o Bent Nielsen, Treasurer, Betty Nansen Alle 49 Itv., DK-2000 Frederiksberg, Denmark, a 60-minute cassette dup of Radio Eco (Bolivia) studio recordings of IDs, the station song, music, program cues and other excerpts is available. Carlos Espinoza Cortez, Radio Eco's principal was paralyzed after a diving accident. This is a non-profit action of the Danish club to aid in the medical costs for Sr Espinoza. While it was not stated that this offer was open to all DXers, logic suggests that it would be.

It seems so recent but it was June of last year when the United States Department of Commerce revised the NIST TIME AND FREQUENCY SERVICES pamphlet. NIST Special Publication 432 which replaces a 1979 effort has been offered as a freebie from NIST, Radio Stations WWV/WWVB, 2000 East County Road 58, Fort Collins, Colorado 80524-9499. For that free price, it is a valuable additional to your radio library.

Remember my vicious mailbox, Audrey 2, fights me for your mail. I haven't seen much recently so I guess Audrey 2 is keeping your mail from me. Give me your thoughts, your requests, your complaints--what do you really want from "TnT". Of course, I have been more than a bit in lax in responding to some your letters--humble apologies and I promise to catch up. (What month is this? (When's Christmas?) (Who am I?))

SPEEDX's

UTILITY WORLD

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

Welcome to the March column. It seems by your reports that the season is going well for you. You will probably have already noticed a slight change in the graphic design of this column. For good reason. I have switched my publishing program from PFS: **First Publisher** to my good old **Word Perfect 5.1**. I'm also using **Publisher's Powerpack** font management program on a Hewlett-Packard DeskJet Plus printer. Let me know what you think of the new setup. Now for some news.

NASA HF RELAYS

While searching through the NASA Spacenet computer database I happened across a listing of the HF relays for Space Shuttle audio. According to Ed St. Luka, W4QAU, there are three amateur stations which re-transmit Shuttle audio.

Eastern North America is covered by station WA3NAN at the Goddard Space Center in Greenbelt, Maryland on these frequencies:

3.860 MHz
7.185 MHz
14.295 MHz
21.395 MHz
28.495 MHz

The Central United States as well as Central and South America are covered by station W5RRR at the Johnson Space Center in Houston, Texas. Their frequencies are as follows:

3.850 MHz
7.227 MHz
14.280 MHz
21.350 MHz
28.495 MHz

Western parts of North America are covered by station W6VIO at the Jet Propulsion Laboratory (JPL) in Pasadena, California. They transmit on:

3.840 MHz
21.280 MHz

While these frequencies were listed in the NASA database, I cannot personally vouch for any of the frequencies except for the WA3NAN transmissions. I have not logged the other two stations. Perhaps some of you can log these for us on the next mission!

FOGHORN UPDATE

Many of you have written in asking about the mysterious foghorn which can be easily heard on 4625 kHz. The signal 'buzzes' about once per second and changes tone to a 'wail' at 59 minutes until top of the hour. No ID has ever been reported for this station, but I did play around with the decoder and found that there were several signals imbedded within 5kHz of either side of the center frequency of the foghorn.

I performed a close tuning of the signal from 4619.0 to 4632.0 kHz and was able to 'map' that small segment of the spectrum. My results looked like this:

4619.0 UNID mode with 64/167 shift
4620.3 ARQ-M2 64/132 Chnl B with encrypted ttc
4621.3 UNID mode 96/593 shift
4624.4 Foghorn signal begins
4625.0 Foghorn carrier center
4627.2 Foghorn signal ends
4632.7 SITOR-A 100/167 INTERPOL station, Lyon, France
(FSB53)

These results were probably unique to my location here in the Eastern U.S., and were

logged between 0000-0015 UTC. While interesting, I'm afraid that my results really don't settle anything.

However, Geoff Halligey of CFL fame reports that he has heard the signal on several frequencies. From his location in South Wales, UK, Geoff reports, "Over here we get 4625 (nil daytime, strong at night), 13875 (audible all day, peaks 1500-1800), 18500 (weak mornings, nil nights), 23125 (peaks 0900, then trails away, nil after 1800), 27750 is received as 23125 but never very strong. A friend has heard it on 32375 and 37000, but my scanner won't pick them up."

He also adds, "You will have noted the harmonic relationship, yet there is nil on 9250. It has also been reported on 5240, but I think that's a boo-boo. He gives a one-minute blast at H+59, but his timekeeping is always a few seconds out."

If indeed there is more than a single frequency in this network, this may provide us with enough data for a rough guess as to what the foghorn is. It may be a radiolocation network, or it might be a propagation/time signal station. Another possibility might be that it is a new type of data or compressed voice transmission, although I think this is less likely.

One final hint is that all of the reported frequencies fall within the fixed service allocations. Give these frequencies a listen and report what you hear to us next month.

INTRO TO CFARS

David Ross writes in with a bounty of information on the CFARS (Canadian Forces Affiliate Radio Service) Network. He states that "there is very little information freely available in Canada regarding the CFARS stations."

David reports that has has monitored the following active CFARS frequencies:

Alpha	13971.0
Bravo	14385.0
Charlie	14458.5
Delta	14461.5
Echo	14445.0
Foxtrot	20970.0
Golf	20962.0

The 20 MHz frequencies are especially active from 1600 UTC. There are three other channel designators which David has heard mentioned on air (Juliet, Kilowatt, and Lima), but he has no info on their frequencies.

As for CFARS callsigns, David lists the two main designator groups for land stations. These are "CIW" and "CWR". More specifically,

CIW Series

CIW200	Covers British Columbia
CIW300	Covers Alberta
CIW400	Unknown
CIW500	Unknown (maybe Manitoba?)
CIW600	Ontario
CIW700	Saskatchewan
CIW800	Nova Scotia/Prince Edward IS.

CWR Series

CWR200	British Columbia
CWR300	Unknown (maybe Alberta?)
CWR400	Unknown
CWR500	Manitoba
CWR600	Unknown (maybe Ontario?)
CWR700	Unknown (maybe Saskatchewan?)
CWR800	Nova Scotia/Prince Edward IS.

David also includes a two-page listing of confirmed and unconfirmed but published CFARS frequencies as well. If you want a copy of his sheet, send a self-addressed stamped envelope to me and I'll be glad to send it to you. I would print them here, but there are quite a few listings and I simply don't have room.

If anyone has any additional info on CFARS, including callsigns, frequencies, and overall structure of the CFARS networks. In addition, if anyone has any information on US Navy and US Army MARS networks as well, I'm currently looking to do a feature on them, similar to the one I did on USAF MARS last fall.

REMY FOLLOWUP

We have received much comment on the TASS removal from shortwave column featured in last month's column. I was contacted by not only hobby enthusiasts, but several broadcasters and news services asked us for follow-up information as well.

One of the questions which was most commonly asked by the professional reporters was, "What other news services have left shortwave?" I thought that you might enjoy what I have found.

Last April we reported that the USIA had left HF, opting for a computer BBS run out of Washington, DC. Most of the Soviet RTTY services have also ceased HF transmission. These include TASS, ANGOP, IAN, as well as relay transmissions of all RTTY broadcasts of other services from within the Commonwealth of Independent

States (ex-USSR). In fact, Geoff Halligey reports that TASS and NOVOSTI Press Agencies have now been combined into a single authority-RITA (Russian Information Telegraph Agency). Of course RITA is not available on shortwave.

When it comes to other services and modes which may no longer be on shortwave, Jorg Klingenfuss reports that he has deleted all of the AUTOSPEC entries in his series of publications because that older RTTY mode has not been logged in quite a long time. AUTOSPEC was primarily used by the South African Navy and Antarctic bases. Anyone have a clue as to which mode they have now adopted?

In another shocker, especially for European monitors, Klingenfuss also reports that the VWD-ITA5 station (Vereinigete Wirtschaftsdienste using ITA5 alphabet) in Germany has ceased transmissions as of 1 January 1992 as well. These transmissions are probably quite unfamiliar to many RTTY monitors, but the station was primarily a news, business, and sports service transmitted on longwave in German. The service, I gather from my European reporters, broadcast a 300 baud special ASCII teleprinter system with built-in error correction. I don't know what system, if any, will replace this long established transmission system, but report it to us here if you find out!

UTILITY NEWS

Several bits of ute news this month. First, it appears that the *Confidential Frequency List, 8th edition* will be published sometime towards the end of March, according to the sales representative from Gilfer Shortwave. Initial reports had the book arriving from the printers in early February. Be sure that we will have a complete review as soon as it comes out.

Second, if all goes according to plan, your humble editor will delve into the hardly profitable commercial utility sector during the latter part of March by publishing a *RTTY DATACARD* through Gerry Dexter's Tiare Publications. This double-sided information card contains a system for determining RTTY modes based on a special matrix (ie. 'multiplication table') using baud rate and mark-space shift as variables. I know it sounds complicated, but it really isn't. I developed the system out of my own frustration over not being able to remember

all of the different RTTY mode sounds. This is currently the system I use to determine unpublished loggings as well as to verify the published logs. I apologize for "selling" this in my column, but I don't plan on reviewing the system in this column. (After all, I don't think I would be a very good impartial judge!) I know you didn't pay your SPEEDX money for adverts, but this is a new product. For further information, contact Tiare Publications (or me!).

Tom Sundstrom of TRS Consultants has come out with a new catalogue of products. Of special interest to utility monitors may be the IBM-PC and compatibles program *Utility Logbook*. I have not reviewed the program, so I cannot vouch for its usefulness, but it looks interesting. It costs \$27.50 US plus shipping. For further information, contact TRS Consultants, P.O. Box 2275, Vincentown, NJ 08088-2275, USA.

Finally, Bob Thunberg passed along an interesting new book this past month. *The Maritime Frequency Directory*, published by Robert Gad, Robin Lindley, and Robert Coburn deals primarily with U.S. maritime communications. While this 400-page book spends less than 50 pages on HF signals, it is quite thorough given the book's narrow focus. The remainder of the book lists VHF and UHF maritime stations.

All major modes used in the maritime service are included and the new MMS frequencies (post-1 July 1991) are included. The book is divided into four separate sections: General Information; ITU Frequency Charts; National Weather Service Stations; and frequency listings by individual communities.

Priced at \$24.95 US plus \$3.05 for shipping, this book may be a bit expensive for those of you who are exclusively HF buffs, but for those of you who include VHF/UHF scanning in your monitoring, this book is well worth the price. For more info contact, Official Scanner Guide, P.O. Box 712, Londonderry, NH 03053, USA.

AND FINALLY

I apologize to those of you who have written and who have not received responses yet. My dissertation has consumed all of my spare time lately. I will write eventually!

MARCH UTILITY LOGS

<i>Frequency Mode</i>	<i>UTC CALL</i>	<i>Station/Remarks/Contributor</i>
2235.45	ARQ-E	HHVHF GER/BKA and LKA stations 96 baud/Jansen-NED
2293.0	ARQ-E	GWVHF GER/BKA and LKA stations 96 baud/Jansen-NED
4376.0	USB	1705 ZSD37 Durban, RSA/Weather report/Moon-RSA
4731.0	USB	0934 Hickam AFB, HI, USA wking V4D phonetic tfc/Rude-WI
5024.47	ARQ-E	HHVHF GER/BKA and LKA stations 96 baud/Jansen-NED
5420.2	RTTY	1933 4OC2 TANJUG Belgrade, YUGO/EE news 50/425/Moon-RSA
5568.0	USB	0430 VOLMET Gander, CAN/Air Canada 880 wking Gander/Thompson-CA
6348.0	CW	0119 HWN Paris Houilles Naval, FR/marker/Rude-WI
6716.0	USB	0045 AIR FORCE 2 VICE PRES plane/working CROWN via Andrews AFB/Ross-ONT
6830.0	USB	0158 SPAR65 UNID/working Andrews AFB with fone patch/Ross-OT
6910.0	CW	0505 ARA Karachi, PAK/marker and Traffic/Thompson-CA
7580.0	RTTY	0222 VVD57 Delhi, INDIA/coded meteo 50/170/Ross-ONT
7625.2	RTTY	0015 TZH ASECNA Bamako, MALI/RYS and Testing 50/360/Karcheski-MA
8379.0	SITOR-A	0410 UUGF UNID, RUS/traffic and ID/Babin-MA
8391.0	RTTY	0415 UMN2 Kiaipeda, LITH/RYS and ID 50/170/Babin-MA
8419.5	CW	0515 SPB Szczecin, POL/marker/Babin-MA
8383.0	SITOR-A	0045 UFGB UNID SovShip/traffic and ID/Babin-MA
8527.0	CW	2018 CTWB Lisbon, PORT/Navigation warning/Moon-RSA
8570.0	CW	1722 NRV USN Apra Harbor, GUAM/CQs and AMVER/Moon-RSA
8597.0	CW	1932 VIP Perth, AUST/Gale warnings/Moon-RSA
8670.0	CW	1934 NRV COMMSTA Barrigada, GUAM/Moon-RSA
8695.0	CW	2011 UHK Batumi, RUS/traffic/Moon-RSA
8737.0	USB	1816 5BA42 Nicosia, CYP/Frequency changes and ID/Moon-RSA
8819.0	USB	0521 UNID/Rainbow Radio working A/C at 50N 40W/Moon-RSA
8861.0	USB	0454 VOLMET RUS Network E (Tent. Pevet then Khatanga 0456)/Moon-RSA
8888.0	USB	1708 VOLMET RUS Network C (Ekaterinburg—formerly Sverdlovsk)/Moon-RSA
8921.0	USB	1719 Cathay 107 Working Hong Kong Radio w/sick cabin crew member/Moon-RSA
8927.0	USB	1413 LDOC Jeddah, SAR/ working Operation 151/Moon-RSA
8936.0	USB	2311 LDOC Stockholm, SWED/working German ship to base/Moon-RSA
9106.0	USB	0030 ZHF44 Faraday Base, ANTARC/working UNID station/Ross-ONT
9145.0	CW	2307 RIW Khiva Naval, RUS/Messages and marker/Fine-MD
9420.0	RTTY	1611 ZVB50 Hanoi, VIET/DGBT EE news 50/425/Moon-RSA
9983.9	ARQ-E3	2026 RFVI FF Le Port, REU/idling 96/383/Hall-RSA
10057.2	USB	2047 TNL VOLMET Brazzaville, CONG/traffic/Moon-RSA
10066.0	USB	1738 Singapore working German ship w/fone patch to base/Moon-RSA
10105.0	RTTY	2048 RKA79 TASS Moscow, RUS/ 50/425/Moon-RSA
10132.5	RTTY	2340 TNL ASECNA Brazzaville, CONG/Weather tfc 50/425/Moon-RSA
10169.0	ARQ-E	0205 RFTJD FF Libreville, GAB/idling 72/390/Hall-RSA
10215.4	RTTY	0158 HZN48 Jeddah, SAUD/meteo 96/771/Hall-RSA
10470.3	RTTY	0130 BLM23 Chengdu, PRC/meteo 50/503/Hall-RSA
10493.9	ARQ-E3	0128 RFTJF FF Port Bouet, COTE D'IVOIRE/idling 48/428/Hall-RSA
10638.9	ARQ-M2	0113 RFQP FF D'Jibouti/idling 200/484/Hall-RSA
10650.2	RTTY	0108 BJZ23 Wuhan, PRC/meteo 75/416/Hall-RSA
10665.3	ARQ-E	0103 RFTJD FF Libreville, GAB/C de V 72/413/Hall-RSA
10805.5	RTTY	0055 ARG. Navy, Buenos Aires, ARG/SS news 75/850/Hall-RSA
10893.9	RTTY	1015 LRB39 TELAM Buenos Aires, ARG/SS news 50/750/Moon-RSA
10917.9	ARQ-E3	0032 RFGWCS FF Paris, FR/5igrps to Port Bouet 48/425/Hall-RSA
11012.4	RTTY	2114 SUU Cairo, EGY/Coded meteo for DAMM 50/425/Ross-ONT
11078.0	USB	2100 BUG TAIL working AQUARIUM/Chinsky-NY
11131.0	RTTY	1600 BZG41 XINHUA, Beijing, PRC/news/Moon-RSA

11142.0	CW	0109	AEB30	Frankfurt, GER/marker/Dome-TX
11175.6	RTTY	0119	5HD	Daar es Salaam, TZA/50/170/Moon-RSA
11200.0	USB	0108	MVU	RAF Drayton, UK/meteo report/Dome-TX
11227.0	USB	0117		Pearly Boy to Mica One/Dome-TX
11555.0	USB	1924	KRF-286	US DEPT OF ENERGY HQ/Returning to Digital/McKee-NC
11607.0	CW	0148	OVG5	UNID/marker/Rude-WI
12563.0	RTTY	2327		RTMS SOKRAT working Kaliningrad, RUS/Fine-MD
12566.0	RTTY	0016	LYHV	SovShip Sangarskiy Proliv working Kaliningrad/Fine-MD
12583.0	SITOR-A	0353	CBV	Valparaiso, CHL/marker/Babin-MA
12702.0	CW	0208	HPP	Panama Intelmar, PAN/marker/Fine-MD
12752.0	CW	2342	OST	Oostende, BEL/marker/Fine-MD
12860.0	CW	0021	6WV	Dakar-Hamm Naval, SEN/marker/Fine-MD
12887.0	CW	2235	EAD	Aranjuez, SPA/marker/Fine-MD
12888.0	CW	1939	DZK	Bulcan, PHIL/marker/Moon-RSA
13012.0	CW	2346	IAR	Rome, ITAL/marker/Fine-MD
13146.0	USB	1746	DAJ	Norddeich, GER/EE & GG traffic/Lukas-NY
13155.0	USB	1840	HEB23	Berne, SWITZ/Traffic list/Lukas-NY
13282.0	USB	1251		VOLMET Auckland, NZEAL/EE Traffic/Lish-FLA
13366.6	RTTY	0536	5YD	Nairobi, KEN/weather and general info/Moon-RSA
13793.0	SITOR-A	0730		Kinshasa/Lubumbashi, ZAI/with traffic in FF/Moon-RSA
13826.0	USB	0337	NNNONRI	USN MARS FREQ/many calls/Flynn-OR
14367.2	RTTY	0901	BZP54	XINHUA Beijing, PRC/EE news/Moon-RSA
14428.0	SITOR-A	1906		Lubumbashi, ZAI/traffic/Moon-RSA
14518.0	ARQ-S5	1614		UNID, AUSTRIA?/GG messages signed "PAMMER-ZBR"/Hall-RSA
14568.0	RTTY	0500	HMF32	KCNA Pyongyang, NKOR/EE news 50/425/Moon-RSA
14879.7	RTTY	0408	JMG4	Tokyo, JAP/coded meteo 50/850/Ross-ONT
15015.0	USB	2358		Air Evac 007 working Scott AFB/Flynn-OR
15777.7	RTTY	2008	KAWN	Offut AFB, USA/weather report 75/850/Dome-TX
16022.4	FEC-A	1624	DGQ21H5	PIAB Bonn, GER/GG news 96/425/Hall-RSA
16345.0	RTTY	2050	CLN530	TASS Havana, CUBA/SS news 50/425/Moon-RSA
16372.0	USB	1620		UNID Numbers Sta./Female Brit Accent 5 digit grps/Hardester-NC
16765.0	CW	2243	CLA	Havana, CUBA/SS Traffic/Fine-MD
16942.8	CW	1818	YUR	Rijeka, YUGO/marker/Moon-RSA
16957.0	CW	2355	GKC	Portishead, UK/marker-Fine-MD
16969.0	CW	0028	FUF	Ft. de France, MRT/marker/Fine-MD
16974.0	CW	1635	SPE81	Szczecin, POL/marker/Hardester-NC
17029.0	CW	2022	FFL6	St. Lys, FR/marker and traffic/Fine-MD
17060.0	CW	1740	4XO	Haifa, ISR/marker/Thompson-CA
17223.0	CW	1558	UXN3	Arkangelsk, RUS/marker/Flynn-OR
17263.0	USB	2108	ZSC28	Capetown, RSA/Lukas-NY
18058.4	RTTY	2216	STK	Khartoum, SUD/RYS and ID 50/425/Ross-ONT
18241.9	RTTY	2220	ZRO4	Pretoria, RSA/Coded meteo (FAPR) 75/425/Ross-ONT
18415.0	CW	1655	8BY	UNID/marker/Hardester-NC
18880.0	USB	1703		UNID Numbers Sta./Female anncr 5 digit grps/Hardester-NC
19822.0	RTTY	1703	HLL	HLL SKOR/ID and RYS 50/425/Moon-RSA
20131.8	RTTY	1430	DFZG	MFA Belgrade, YUGO/RYS and ID 75/425/Ross-ONT
20731.6	RTTY	1935	HDN	Equadorian Navy Quito, EQU/SS Telexes to LOL 75/850/Ross-ONT
21252.5	USB	0102	KK6TT/KN6TT	UNID (Antarctica?) telemetry of balloon launch, fone patch/Karcheski-MA
22330.0	CW	0829	A9M	Luanda, ANG/marker/Moon-RSA
22361.1	SITOR-B	0915		Hamburg, GER/GG news/Moon-RSA
22465.0	CW	1953	9MG2/3	Georgetown, MALAY/traffic/Moon-RSA
22705.0	USB	1929	ZSC29	Capetown, RSA/calling ship/Lukas-NY
22795.0	USB	1920	XDA	Mexico City, MEX/SS fone traffic/Lish-FLA
24526.0	USB	1641	WGY912/909	FEMA Network, USA/stated that F54 (17649) deleted from list/McKee-MC

Sorry, but thats all the room I have this month. I promise to use those logs I didn't have room for this month in future columns. Keep 'em coming!!! *Until April, 75's and God DX!!!*

Chuck

SPEEDX SPOTLIGHTS....

This Month's Contributors

Edward Janusz
Box 149
Brick Township, NJ 08723
Prodigy phbr99b

Robert Babin	MA	NRD-535	15	Walter Karcheski	MA	R-5000	16
Steven Bagozzi	CA	FRG-8800	4	Stanley Kiselyov	UKR	R-155D	1
Gabriel Iván Barrera				Joerg Klingenfuss	D		1
	ARG	NRD-525	3	Phil Kyburz	CO	DX-440	3
John Bellovich	FL		4	Harold Langlois	FL		4
Jason Berri	CA	R-2000	10	Richard Lemke	AB	R-71A	1
Forrest Bishop	NY	ICF-SW77	8	Harold Levison	PA	R-8	6
Daniel Brame	IL	ATS-808	1	Yolanda Lewis	IL		1
Edward Brown III	IL	ICF-6800	5	Eugene Lish	FL		11
Daniel Camporini	ARG		1	William Lueck	WI	SW-7800	7
Peter Card	RI	NRD-515	3	Hank Lukas	NY		16
John S. Carson, Jr.				Vittorio Mantegazza			
	OK	NRD-525	7		I	Sat3400	1
Març Chinsky	NY		2	Thomas McKee	NC		2
Ed Cichorek	NJ	R-5000	5	Marty McLaughlin	OR	RF-3100	1
Bob Colyard	NJ	R-2000	1	Warren Meinhardt	IL	NRD-535	5
Peter Conway	G		8	Thomas Millard	TX	R-5000	7
Richard D'Angelo	PA	R-70	8	John Miller	GA	RF-2200	3
Greg Dome	TX		11	Randy Minnehan	OH	ATS818CS2	
Steve Evanchuck	OH	ICF-2010	2	Dick Moon	RSA		4
Jim Evans	TN	R-71A	3	George Neff	FL	RF-2600	1
Ralph Famularo	JPN	R-5000	2	Frank Pagano	DC		1
Mike Fanderys	OH		1	Dale Park	HI	R-5000	3
John Findlater	CA		6	Orla Reese	DE	R-5000	2
Richard Fine	MD		9	Betsy Robinson	TN	R-71A	2
John Fisher	MA	R-2000	3	Raymond Rocker	FL		2
William Flynn	OR	R-2000	15	Don Rontanini	FL	FRG-7	4
Gerald Fortunato	NY		1	David Ross	ON		4
Bob Foster	NC	ICF-2010	2	David Rude	WI	R-1000	5
Robert Fraser	MA	DX-370	6	Daniel Sampson	WI		4
Yasuo Fujima	CA		1	Paul Stringer	NZL		2
Charles Gaharan	LA	FRG-8800	6	Peggy Thompson	CA	FRG-7	9
Steve George	MA	R-5000	5	Don Thornton	NJ	NRD-525	1
Joseph Gibson	AR	R-5000	4	Bob Thunberg	PA		2
John Gunter	NC		2	David Trachtenberg			
Geoff Halligey	G		1		VA		1
Robert Hall	RSA		7	Al Underwood	NY	FRG-8800	7
Richard Hankison	KS	R-5000	5	Frederick Valentine			
Mike Hardester	NC	R-70	11		CA	R-70	2
Gerald Hart	MI	NRD-535	8	Paul Wakefield	IA	ICF-2010	2
Mark Humenyk	ON	D-2935	8	Matthew Wall	CA		1
A.L.B. Jansen	HOL		1	Donald Weber	OH		2
Edward Janusz	NJ	ICF-2010	1	William Westenhover			
Dave Johnson	ID	FRG-7700	1		PQ	ICF-2010	7
Tim Johnson	IL	R-5000	1	Steven Willers	SUI	NRD-525	1
Anthony Jones	TN	ICF-2010	6	Mike Wolfson	OH	R-5000	5

Uhhh...thanks, everybody...anyone else...?

Columns from last month: DXPerience; Africa; Utilities

Columns from this month: All of them!

Utility contributions haven't been included in recent months, so we're playing a little catch-up this time. That explains some of the contributors' list this month, but it sure doesn't explain all of it; this was just a really outstanding turnout!!

Let's say hi to some new stars on the shortwave firmament...

New Full Members

Richard Fine, Maryland

Robert Foster, North Carolina

New Contributors

Charles McKee, North Carolina

John Miller, Georgia

Marty McLaughlin, Oregon

David Ross, Ontario

Matthew Wall, California

Nice to have you aboard! I think that everyone will agree...contributing to SPEEDX is easy and it's fun!

=====

SPEEDXer of the Year

Peggy Thompson has been with us for a long time, first as a contributor, then as Central Distribution Editor for several years, and then moving on to the Board of Directors.

It would be fair to describe Peggy as calm, dignified without being aloof, and blessed with the ability to take this hobby with the grain (or trainload) of salt it deserves. Peggy is always the same person, whether things are going well for the club (as they are now) or whether they are going badly. In discussions that have sometimes been pretty acrimonious, Peggy has kept a good demeanor and earned the respect of everybody who has worked with her on club matters.

If Peggy Thompson is SPEEDXer of the Year, it is only because we don't have a title of SPEEDXer of the Decade.

=====

Convention Mania Sweeps North America

Hope to see some of you at Kulpville...in case you missed the blurb in last month's bulletin, it's 13-15 March, and it's OK to show up at the last minute. Just make sure to bring enough money to take care of the cover charge (\$15; \$32 if you plan to stay for the banquet on Saturday), maybe buy a few lottery tickets if you're into that, and to buy some books, shirts, &tc., from the SPEEDX Supermarket.

At last count, we have at least five columnists showing up; and Paul Lannuier will have the **1992 SPEEDX Utility Station List** database ready in time to debut there.

I also received a press release from the Ontario DX Association, describing their 1992 convention. It will be on 25 April at the Val Halla Inn, 1 Val Halla Inn Road (off Highway 427), Toronto, close to the Pearson International Airport. Admission is CDN\$12.00, and the banquet is an additional CDN\$25.00. Guest speakers who have confirmed their attendance include: Major David Cooke of SPAR Aerospace Canada; Kim Andrew Elliott of VOA; and Lawrence Magne of **Passport**. This daylong event starts at 8:45 AM: (*That seems awfully early!* --"sleep" ej)

For further information, call or Fax ODXA at (416) 853-3169. To reserve a room at the Val Halla Inn (there are special convention rates), call (416) 239-2391.

Help Wanted

If you are reasonably fluent in Spanish and want to get involved in a little writing project for SPEEDX, I'd really like to hear from you. Guaranteed no strenuous schedules, no heavy lifting.

How to Read Your Mailing Label

I've introduced a few new codes this month, so I might as well explain them.

The "r" after your renewal date means that our records show that you don't want your name on any copies we give out of our membership list. Who might ask for that? Three members have asked for this in recent months: Two wanted to see if there were other SPEEDXers in their areas, and a third was thinking of setting up a local BBS and wished to inquire about the interest in that service. (Dave, any luck?) The Boston Area DXers got a list of our members in Rhode Island and eastern Massachusetts. In general, we don't give out the mailing list to anybody except SPEEDX members or people who are known to the hobby community. **We don't sell our mailing list to anybody.** If you have an "r" after the expiration date, nobody will get your name. If you want an "r," or if you want to remove an existing "r" that's there, let me know. A question to this effect shows up on every renewal notice, as well. Incidentally, it has been our policy not to give out the names of our women members unless they are on the staff or have specifically requested that their names be included.

New additions this month are "F" and "F+." "F" indicates that you're a Full Member and are eligible for discounts on our burgeoning array of fine merchandise and to vote in our biannual elections. The "F+" means "full member for life," i. e., you've earned these

privileges in perpetuity. If you have any questions about your status, let me know, and I'll hassle someone into answering you.

Backup databases are kept by Al Quaglieri and Jack Sanderson.

Let's hear from John now. He's got some new stuff, including a book by yours truly...I swear to you, it's **way** more interesting than this column, so buy it.

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for the Macintosh.

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Now supports the Drake R-8. For more details, send a SASE to the Supermarket.

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NRD-525 (12-pin) to Mac Mini-8...\$35.00.
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SHORTWAVE NAVIGATOR

Standard Features

- Automatic broadcast finding
- Program/Frequency information
- DX/media index (sortable/updatable)
- Broadcast index (sortable/updatable)
- Program finder
- Frequency finder
- Digitized interval signals (30)
- Custom report creation
 - SW index report (specific BCer)
 - SW index report (all BCers)
 - SW index report (chronological)
 - DX/media report
 - Combined log report
 - Frequency/program summaries
 - Daily program summary
 - Program search report (sortable)
 - Favorite frequencies report
- Customizable program cards
- Memory manager
- Profile card for each broadcaster
- Logs (sortable hourly and combined)
- Clocks for UTC and local times
- Marking of frequencies/broadcasts
- Designating favorite frequencies
- Grid-plotting frequencies/schedules
- Color flag palettes (defeatable)
- On-line help
- Function/control key macros for:
 - Navigation
 - Field display
- Utilities:
 - UTC setting
 - Time changing (winter/summer)
 - Meter to kHz conversion
 - kHz to meter conversion
 - Resetting/clearing various fields
 - Sorting cards
- Compiling broadcast time
- Compacting all stacks at once
- Printing of specific BCer cards
- Printed, bound documentation
- Easy user updating of data

Computer Control Features

- Receiver control included for:
 - Drake R8
 - JRC NRD-525
 - JRC NRD-535
 - Kenwood R-5000
 - Kenwood TS Series
- Click frequencies to tune from:
 - Schedule cards
 - Index cards
 - Log cards
- Scan frequencies from:
 - Schedule cards
 - Log cards
- Frequency scan functions:
 - Scan forward or reverse
 - Selectable pause intervals
 - Pause scan with mouse
- Separate menus for each receiver
- Command keys for menu items
 - Control on/off
 - Mode changing
 - Bandwidth setting
 - Frequency selection
 - Others (receiver specific)
- Keyboard control to:
 - Scan frequencies
 - Reverse scan
 - Stop scan
- Control bar displays:
 - Frequency in use
 - Up/down tuning buttons
 - Frequency interval settings
 - Memory channel in use
 - Mode/Bandwidth/VFO (Kenwood)
- Memory channel functions:
 - Specific channel selection
 - Channel data in RAM for speed
 - Channel data displayed during scan
 - Channel scanning (fwd/reverse)
 - Pause scanning with mouse
 - Selectable delays while scanning
 - Memory channel reports
 - Instant setting of memory channels
 - Clear all memories at once
 - Import memory channel settings
- VFO switching (Drake/Kenwood)

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