

SPEEDX AWARDS UPDATE

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Hello again! By the looks of the awards and upgrades I sent out, Mark and Richard have kept me quite busy. Congrats to all who received awards. Thanks to Richard who featured me as the 'Maytag Repairman' for Ute hunters in the Utility Notes column. It's true, I get few requests for utility awards and, in my opinion, if you listen in the right bands you get quite a few stations. Check out the Utilities and Utility Notes columns. There is a great deal of information there. Well, here we go with the list of folks we have received awards or upgrades:

ASIA: Mark Humenyk - 50	AFRICAN: Mark Humenyk - 50
UTILITY: Richard Baker - 100	USSR: Mark Humenyk - 20
VOA: Richard Hankison - 15	CRUISE SHIPS: Richard Baker - 15
Mark Humenyk - 10	
ARMED FORCES: Richard Baker - 75	MARS: Richard Baker - 50
EXPEDITIONIST: Mark Humenyk	WAYDOWNUNDER: Richard Baker
360: Mark Humenyk - 100	EUROPEAN: Mark Humenyk - 50
Andrew Steinberg - 75	
MIDDLE EAST: Mark Humenyk - 5	ORIENT: Mark Humenyk - 20
AMERICAS: Mark Humenyk - 50	

By the way, for those interested, I am now on CompuServe: 72764,3003.

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

73's and good DX, Harold

SHORTWAVE RADIO TODAY

SEPTEMBER, 1993

Volume 22, Number 9

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Macclenny, FL 32063-9743

THE D XPERIENCE

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

SEPTEMBER 1993

GREETINGS FROM WHEELING

I'd like to say that there is a certain, fall-like crispness to the air that reminds us of apple-picking, raking leaves and high school football games, but the 80+° temperatures and stifling humidity would make me a liar. Oh, well, it will come soon enough.

I've got lots of fun mail lately from many of you throughout the states and abroad. Thanks for all of your great support! One request: if you send me newspaper or magazine clippings, please include the name and date of the publication so the original source can be credited.

There is lots of great news items this month, including the information on Radio St. Helena Day '93. One thing we could use more of, however, is questions from the membership. I know all of you out there (including myself)

are not 20-year veterans of the hobby with all of the answers. If you have any questions about DXing that are burning in your mind, please send them in, and I'll find someone who can clue you in! I did get one request for some addresses for BBC relays which I sent off to the interested party. In case you are a novice, though, a great source for addresses is the *Passport to World Band Radio* which is available from all of the standard mail-order places. It boasts more complete info than the WRTH, including verte signers, other items available from the station and any helpful hints in corresponding with specific broadcasters. The 1994 edition should be at your dealer around the time you read this. And now, on with the show... First up, the United Kingdom!

BBC TO CLEAN UP ITS ENGLISH

Associated Press via Rich D'Angelo

British Broadcasting Corporation, purveyor of spoken English to the world, wants to purge its broadcasts of cliches, jargon, Americanisms and affronts to good taste and grammar.

Phrases like "shot in the arm" and "last-ditch bid" are out. Short words and sentences are in. It's the Duchess of York and Princess Diana from now on—no more Fergie and Di. And please, no more of those Americanisms that jar the British ear—words like diaper, drugstore and sidewalk instead of nappy, chemist and pavement. The BBC has published its most comprehensive style guide in its 67-year history in an attempt to improve its own broadcasts and stimulate public debate about language usage.

In much of the English-speaking world, BBC English is synonymous with good English.

"We may not wish to be regarded as guardians of how the nation should speak, but many of our viewers and listeners regard us in that way," Tony Hall, BBC's managing director for current affairs, says in the guide's introduction. "If we misuse words, can we be trusted to get the facts right?" he asks.

The 50-page book, "The Style Guide," is being distributed to BBC staff this week. Cliches to avoid include "at this moment in time," "brainchild" and "blaze." Try "now," "idea" or "fire." Expressions such as "hopes dashed," "sigh with relief," "trigger" and "spell out" should not be used, either. [However,] the guide says some Americanisms, such as teenager, know-how, gimmick, stunt, commuter and blurb, "add vigor and dynamic expression" to the language. (At least they are giving us a little credit over here!)

INTERVAL SIGNAL OF THE MONTH

This month I ran across the interval signal of Radio Nacional de Brasilia. I have never seen this transcribed in the WRTH, so I thought I would put



pen to paper (or keyboard to MIDI, as the case may be) and write it out for you, the very lucky reader of this column... I heard this in the afternoon on the 19 meter band. You can catch them in English from 1200-1320 UTC on 15445 kHz and again from 1800-1900 on 15265. (Hey, Radiobras—how 'bout some prime time programming?)



MORE ON WWCR FIRE

direct via Rich D'Angelo

In an "internal letter to all interested persons," the details of the now infamous fire were again told. Adam W. Lock, Sr., the International Program Director went on to say,

"WWCR-3 is again becoming a reality... Current projections are [for early September], depending upon the construction of the permanent building. A time schedule has not been worked out, but frequencies will consist of 15610, 12160 [and] 5810 [kHz].

"Many of you were involved with our special events announcements, called 'International

Communique.' Unfortunately, all this information is now sitting in the local landfill, along with the transmitters, etc. For those who were involved, please resend any information concerning your club, group or organization, so we may reproduce the free spots for you, and start airing them again. Mark the letter 'personal' so it will reach me directly. In the months ahead, I will attempt to keep you informed on the growth and changes happening with WWCR, as we again take our place as a dominant force in shortwave broadcasting.

SEPTEMBER HOLIDAYS

from Federal Express, via Don Weber

On the top of our list is Independence Day for most of Central America. On September 15, 1821, **Costa Rica, El Salvador, Guatemala, Honduras, Mexico** and **Nicaragua** all achieved independence from Spain. The smaller states became part of the Mexican empire until forming the Central American Federation which lasted from 1825-28. At this point, they all became sovereign nations. This month also marks the independence of another Central American country. On 9/21/81, the English colony of British Honduras became the nation of **Belize**. And now for the rest of the globe:



- Armenia** - Republic Day, 21
- Bhutan** - Blessed Rain Day, 22
- Botswana** - Botswana Day, 30
- Brazil** - Independence Day, 7
- Chile** - Liberation Day, 11; Independence Day, 18
- Ethiopia** - Ethiopian New Year, 11

- Guinea-Bissau** - Establishment of the Republic, 24
- Israel** - Rosh Hashanah (New Year), 16-17; Yom Kippur (Day of Atonement), 25
- Lithuania** - Thanksgiving, 8
- Malta** - Victory Day, 8; Independence Day, 21
- Monaco** - Liberation of Monaco, 3
- Mozambique** - Victory Day, 7
- Papua New Guinea** - Independence Day, 16
- Qatar** - Independence Day, 3
- South Korea** - Thanksgiving, 29-30
- Swaziland** - Independence Day, 6

RADIO TASHKENT CONTEST

(RT Direct via Steve Bagozzi)

Like to enter a contest for Uzbek prizes? How about a first place award of a video about Uzbekistan or other books, albums and folk art? Just answer the following questions and enter by Halloween!

1. At what period in the history of mankind did the Great Silk Road function? what regions of the world did it link?
2. What Cities of Uzbekistan lay on the road?

3. What do you know about these cities? What are they famous for?

To enter, write Radio Tashkent, 49 Khorezm Street, Tashkent, Uzbekistan. Good luck!





INFOBITS

- The Christian Science Monitor is planning to sell WCSN in Scott's Corner, ME. They will still be using it in the meantime for broadcasts to Africa, at least until the expansion of WSHB in South Carolina is completed in about 1 1/2 years. Programming may be changed to a one hour block, instead of the two hours currently. It was not clear whether the hour produced for the states (Monitor Radio Early/Late Edition) or the international hour would be axed. (RNMN, 8/13)
- Want a sharp looking, new sticker from Radio Roma? It's available from Radio Roma, Casella Postale 320, Centro Corrispondenza, 00100 Roma, Italy. By the way, it sounds as if RAI has plans to expand operations. A new Telecommunications center in Rome contains dozens of radio and TV studios has been in use since March, and proposals to strengthen antennas and transmitters as well as renting time on other stations are on the books. (RAI direct)
- The Deutsche Welle relay center in Kigali, Rwanda recently celebrated its 30th anniversary. Currently they are running four 250 kW transmitters and ten new antennas. (*En direct de Cologne*, 3/93)
- RFPI will host its 6th anniversary toll-free call-in show on September 16 at 0000 UTC. (WOR)
- The new VOA relay transmitter in Morocco will be located at Breich, 12 km south of Tanger. (WOR)
- You can catch an actual Costa Rican relay site ID from REE at 0100 on 17890 kHz. (WOR)
- KNLS began broadcasting from Novosibirsk this spring in Chinese. Times are 1300-1500 on 11970kHz on Friday, Saturday and Sunday. Sorry, no QSLs for these transmissions, but reports are appreciated. (KNLS direct)
- The earthquake in Guam did not permanently damage either KTWR or KSDA. Both were knocked off the air due to loss of electricity, but only KTWR suffered any minor damage to the studio. (RNMN, 8/13)
- The Coast Guard officially gave up monitoring the 500 kHz frequency on Morse code. The final message: "Now closing down continuous watch. Fair winds and following seas with 73s from all of us." (AP, 8/6 via Harold Langlois)
- The Italian Radio Relay Service (IRRS), however, has been silenced for an unspecified amount of time due to a lightning strike. (RNMN, 8/13)

And the big news . . .



- Radio St. Helena Day returns on October 15 from 2000-2300 on 11092.5 kHz (everybody's favorite South Atlantic frequency). Included will be an on-air contest for a 1994 WRTH. Mark your calendars now... (RNMN, 8/13)

THE SLINKY ANTENNA

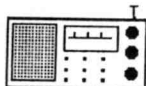
by Ed Cichorek

I love fooling around with antenna configurations, and I don't have much real estate to string up lots of wire. As a result, I do some indoor experimenting. Just this morning I put up a Slinky antenna in the shack, and it works surprisingly well here. As I type this, I'm listening to BBC via Ascension beamed to West and South Africa.

The concept is certainly not new, but many listeners who are strapped for space don't know about this antenna. I used the Slinky, Jr. size which is lighter and less noticeable than the standard plaything. It's mounted diagonally, corner to corner, in the shack. Garden variety teacup hooks are used as mounts and screwed into the wall. Rubber bands serve as insulators. A length of insulated wire, with an alligator clip on one end and a

banana plug on the other, make the connection from the Slinky to my antenna tuner. A short coax length fits into the center of the SO-239 on most tuners. I use the MFJ-16010. For portable receivers, a short length of wire with another banana plug and alligator clip can be used, or the wire can be wrapped several times around the whip antenna. I prefer the more positive connection of the alligator clip. To make the project simpler, I used solderless clips and plugs since soldering connections with an indoor antenna is not critical.

I have heard about this, too, with a bit of a twist (no pun intended). Since the Slinky is a series of coils, you can clip several together to shorten the overall length. By using different numbers of coils, you can experiment with different antenna lengths!—DB



AUGUST DXPERIENCE CONTEST

Our winner of the 1993 Tropical Bands Survey is:

Gary Froemming
Glendale, Arizona

Gary was first to identify the station from each continent with the lowest shortwave frequency. They are (according to the '93 WRTH):

A/O: RRI Jakarta, Indonesia, 2307 kHz
Eur: BBC, United Kingdom, 3955 kHz
Afr: R Madagasikara, Madagascar, 2495
N/CAM: R Maya, Guatemala, 2360 kHz
SAM: R Educadora, Brazil, 2380 kHz
Ant: AFRTS, McMurdo, 6012 kHz

Congrats, Gary, and thanks for all who entered! No new contest this month, so enter the QSL contest next door →

RADIO NETHERLANDS HOSTS FREQUENCY CONFERENCE RN Media Network, 8/20

We all know how bad the overcrowding is on the bands these days, and now that the sunspot number is dropping, everybody is using lower frequencies. This is making the situation even more difficult as broadcasters vie for space, especially in Europe. In order to avoid conflicts, Radio Netherlands hosted a frequency conference in August to help stations plan their winter schedules. 45 delegates from 20 countries were in attendance.

Before the meeting, there were 2005 "collisions," 578 co-channel and the rest adjacent channel interferences. Halfway through the conference, the delegates had solved over 600 of these problems. Not all of the collisions were rectified, but they attempted to fix the worst situations. A follow-up conference has been set for next February.

LAST CHANCE FOR THE QSL CONTEST!

That's right! The final deadline to win this great prize package is October 1, 1993. There's still time!

a First Day Cover Thomas Jefferson commemorative stamp & envelope
WBET 1460 AM Hurrican Tracking Chart
Voice of Turkey pennant
Radio Veronica pirate ship sticker
an old Radio Peking sticker
a somewhat dated copy of the "World BC Stn Address Book"
two other cool Radio Veronica stickers
a festive Radio Capital (Milan) sticker
an NHK "Crosscurrents" fan
and the motherlode: several VOA stickers!
(unavailable to us Yanks!)

All of these lovely and hardly valuable prizes will go to the first person who sends me a xerox of the info portion of **six, full-data QSLs dated June 1st, 1993 or later. You must have one each from North America, South America, Europe, Africa, Asia and the Pacific.** Good luck!

Well, that's all for this month. In October, you can expect more interesting DX news along with some reviews of computer software and a new book for beginning SWLs. Hopefully I will also have information on another software product I'm developing for all of us MacUsers. Until then, best of DX and may the winds be friendly to your antennas and the ionosphere conducive to listening!



SPEEDX CLASSIFIED ADS

WANTED: Radio Shack DX-160/DX-302 receivers. Contact Alan Johnson, 6001 Goldsboro Rd, Bethesda, MD 20871 or call (301) 229-7069 before 0200 UTC.

WANTED: Donation of a 1992 WRTH or PWBR for a Russian DXer. (They are difficult to impossible to obtain in the CIS). Will exchange for any information requested about Russia and the other republics. Contact Vladimir Gudzenko, 140514 Krasnaya Poyma, ul. Grazhdanskaya 4 kv. 2, Likhovitsky rayon, Moskovskaya oblast, Russia.

WANTED: SWLs interested in swapping cassette tapes of radio stations. I have many tapes of Euro pirates made when I was stationed in Germany. Interested especially in interval signals. Contact Kirk Trummel, 1122 W. University, Springfield, MO 65807.



Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

BIG NEWS (which by the time I finish typing it probably will be so old, so trite and so stale you will all wonder why I even mentioned it)--The August issue of Condé Nast Traveler has a full page advertisement for a company named SONY and this SONY company was suggesting that the readers contemplate something called a World Band Receiver. As a side bit of information, SONY explained they have introduced a SONY STYLE magazine. The cost is \$4.95 plus \$1.50 for shipping and handling on your Visa or MasterCard through a toll free number 1-800-548-SONY. This may not really be a magazine as the clerk who took my order, with a three to four week delivery time, pointed out that this was a 300 page booklet which identified 500 different SONY products. Needless to say, all 500 items are not shortwave related.

The Danish ShortWave Clubs International has done their thing again this year. Both the Tropical Bands Survey and the Clandestine List have been updated. Both have an excellent reputations in their special fields.

Good news for those of us who have found any difficulty in reading black print on red paper--the 21st edition of the DSWCI Tropical Bands Survey is on white paper, although the print is green but the contrast is easier to read as compared to last year. The cost is seven (7) International Reply Coupons (or nine (9) Coupons if you want airmail service) from the club treasurer, Bent Nielsen, Betty Nansens Alle 40, I, tv, DK-2000 Frederiksberg, Denmark. Have you found a source for cheap IRCs?

The 9th edition of the DSWCI Clandestine List has a cost of five (5) International Reply Coupons (or seven (7) coupons for airmail)--again directly from Bent Nielsen at his address above.

I have no idea if this next item might interest any of you. I admit to knowing practically nothing about the item, merely what has been printed overseas and the price. The price seems quite high which would make me hope that the information has a related spectacular value. A Latin-America radio enthusiast, Nils Jakobsson of Nordkapsgratan 7, S-164 36 Kista, Sweden has put together a "LA QSL-LIST" (Fourth Edition) but the price from Mr Jakobsson is \$25.US only in single dollar bills or thirty (30) International Reply Coupons.

If any of you had obtained a copy of Ron Montague's WHEN THE OVALTINEYS SANG, you might have interest in a "revised and enlarged edition" for \$3.US directly from Mr Montague, 39 Orchill Drive, Benfleet, Essex, SS7 2LS, England, United Kingdom. This booklet is a short twenty-nine paged effort which might be best summarized as a history of European radio in the 1930's.

Don't forget HCJB from their Public Information office at Post Office Box 39800, Colorado Springs, Colorado 80949-9800, telephone 719-590-9800 always has a couple pages of offerings--books, cassettes and even videos along with trinkets such as t-shirts, a cap, coffee mug, pens, magnets, etc. All the items are tied in with HCJB background, interest and effort. The last price list I had ranged from a magnet for \$2.50 up to a men's or women's watch for \$29.00. Every now and then you get a surprise; on one order they threw in a freebie, a hand carved Ecuadorian bird attached to a magnet. It looked good enough that I finally was willing to put a magnet on the refrigerator door. (Remember I'm strange!) Drop a line off to HCJB in Colorado or give them a telephone call and ask for their latest price list--the items are of good quality and even the books on the station history are interesting.

The RAI most recent "semestral" bulletin has an offering which apparently costs only your postage to them--it is a sticker with "RAI Radio Televisione Italiana" above a globe and "Radio Roma" beneath the globe. Go for it and write to them at Radio Roma, Casella Postale 320, Centro Corrispondenza, 00100 Roma, Italia. If their programs were as entertaining as this bulletin is becoming, we might all listen to RAI.

WHAT'S ON

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

This months contributors include Jason Berri-CA and Bob Fraser-MA. We've got another month of few changes again. I bet you're getting hungry for the full four page listing. You'll only have to wait another 30 days. While you're waiting turn on the good ol' shortwave radio and listen to some good programming. The time will go faster than you think. While you're at send in some loggings to your favorite editors, even send in some schedules to your least favorite, hint, hint!

Here are some highlights of what the BBC has to offer during September from the pages of *London Calling*.

Water, in two half hour programs Billian Gray examines the situation and the need for governments to rethging their policies to conserve scarce water supplies rather than attempt to expand them. Tune in Sun., Sep. 19 & 26 at 1401 UTC on 17840, 15260, 11820, 9740 & 9515; repeats Mon., Sep. 20 & 27 at 0630 on 9640 & 5975 and 1001 on 15070 & 12095.

Light Our Darkness, in this program Arthur Zajonc spends a day wandering in the sunlit uplands of the Austrian Tirol accompanied by Roger Fenby with a look at the Sun with complementary viewpoints by writers, poets, religious thinkers and scientists. Tune in Sat., Sep. 25 at 1901 UTC on 15070 & 12095; repeat Mon., Sep. 27 at 0101 on 15260, 12095, 9915, 9590, 7325, 6175 & 5975

If you enjoy the homorous side of the news don't miss Two Cheers for September. Tune in Wed. Sep. 29 at 1530 on 17840, 15260 & 9515; repeats Thu., Sep. 30 at 0030 see above @ 0101 for freqs & 1030 on 15070 & 12095.

Points of the Compass, in this four-part program John Pickford takes a look at these regions of dream and imagination we call North, South, East & West. Tune in starting from Sun., Sep. 12 at 0445 on 5975; repeat Mon., Sep. 13 at 1445 see above @ 1401 for freqs. & Wed. Sep. 15 at 0815 on 15070 & 12095.

CHANGES ENTERED JULY 18-AUGUST 16, 1993

0000-0100 --- R. Ukraine Int'l 15580, 15195, 15180, 11720, 9860, 9685, 9640, 9600, 9550, 7240, 7195, 7150, 6090, 6070
0000-0500 --- WRCR, U.S.A. 7435 *Su 0305 World of Radio*
0100-0127 --- R. Slovakia Int'l 9810, 7310, 5930
0100-0150 --- DW, Germany 15105, 11865, 9765, 9700, 6145, 6085, 6040 *Tu-Sa 0109 European Journal, M 0130 Larry's Random Selection*
0130-0200 --- R. Tirana, Albania 11840, 9580
0300-0350 --- DW, Germany 13790, 11715, 9700, 9640, 6145, 6085 *Tu-Sa 0309 European Journal, M 0330 Larry's Random Selection*
0400-0430 --- R. Prague, Czech. 17535, 11990, 9810, 9485, 7345 *Su 0415 Calling All Listeners/DX Special*
0500-0550 --- DW, Germany 11705, 9670, 9515, 5960 *Tu-Sa 0509 European Journal, M 0530 Larry's Random Selection*
1800-1900 --- R. Moscow, Russia 17790, 17760, 17605, 15580, 15425, 15405, 15385, 15290, 15050, 12015, 11995, 11770, 11630, 9880 *W 1810 Commonwealth Update, Sa 1810 Moscow Mailbag*

*Good Listening
Harve!*

Information from Radio St Helena and South Atlantic Travel & Trade

RADIO SAINT HELENA DAY '93 **will take place on October 15th.**

Please tune in 11092.5 kHz this Friday at 2000 UTC. During the transmission (which lasts until 2300 UTC, with a break at 2100) you're invited to take part in a Quiz with some nice prizes. What about a nice video of St. Helena or '94 Edition of WRTH!!

All you have to do is to listen to Radio St Helena and Station Manager Tony Leo, who is the programme presenter, answer the questions given in the programme. Send your answers together with a reception report. Be sure that your letter is postmarked no later than December 1st 1993. A total of 10 prizes will be drawn among the contestants. 1st prize is a Video of St Helena, followed by 4 '94 WRTH's and 6 FDC's (commemorating R St Helena's 25th Anniversary). (Sponsors are Andy Sennitt, WRTH and SATT).

The 1992 R St Helena Day had a fantastic response, in spite of poor reception conditions in Europe. More than 1.000 letters were handled by the small staff at the station. As you may know by now, most of the work is made by volunteers and Station budget is limited. Your contribution with reply postage is highly appreciated. Many of you may recall the nice reply and the beautiful QSL-card that was sent out from Saint Helena Island in the South Atlantic.

There will also be a new T-shirt offer. Same prize as last year - 22 USD paid in advance either to R St Helena or to SATT in Sweden.

With kind assistance from Cable & Wireless PLC, you can again listen to Radio St Helena on SW. Please remember that the transmission is in a SSB-mode.

Don't forget to mail your letters no later than December 1st if you want to be one of the lucky winners. The address is just this:

RADIO ST HELENA, Jamestown, St Helena Island, South Atlantic Ocean

From last years mail - here is quotation from St Helena News 2nd April 1993:

"RATHER CHEEKY!!

Robert Clarke of Phoenix, USA posted a letter to Radio St Helena, last year. The address read - Radio St Helena, Jamestown, Saint Helena (South Atlantic). A Post Office somewhere in the USA returned the letter to Mr Clarke stating 'Returned for better Address. Address must show country of destination'. He promptly returned the letter to the Post Office with the following note: 'Dear Post Office. St Helena is an island, British possession, in the South Atlantic Ocean, 15°55'S and 5°40'W. It has no other name. I believe mail to it goes via Ascension Island. If Napoleon could find it, so can you.' Radio St Helena received the letter!"

This information is sent out to a selected numbers of DX-Magazines in the world. You can also find this information in various BBS's. Please make the transmission known to others.

Good luck with reception on Friday 15th!

Tony Leo - Radio St Helena

Jan Tunér and John Ekwall

SATT, Box 6014, S-600 06 NORRKÖPING, Sweden

SHORTWAVE TO GO!

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

Greetings! After months of hounding Eddie J. for a job, I was unceremoniously told to put up or shut up. "It's yours," he said. "Shortwave to Go." Not exactly the column I had in mind - I wanted one of those nice DX jobs where the membership does all the hard research, and the editor gets to play with WYSIWYG, clip art and a database. "Shortwave to Go." This could prove interesting. My idea of DXing is to spin the dial at off times. I guess I will have to change my ways.

This, my first effort at the column, is admittedly an unsophisticated rummaging and pirating from well known sources. I hope that you will not find the work too routine or mundane. It is a start, and as time goes by, I hope to expand and enhance the column. Hopefully I will get better and better organized. And hopefully, some of you will come to my aid with your own comments, findings and cherished sources of information. I will need your help and your suggestions to make "Shortwave to Go" a benefit to you members. Any advice, criticism or encouragement will be greatly appreciated. And now, on with the show.

Antarctica - Citing interference with experiments and the growth of local cable radio and television, AFAN has announced that it is not likely to return to shortwave broadcasting on 6,012 kHz (or any frequency, for that matter). (Radio Netherlands, Media Network)

Africa

Comoros Islands - Radio Comoros is reported as weak in Europe on 3,330 kHz at 2100 sign off. (Gerry Dexter, Popular Communications)

Paramilitary police recently raided Radio Tropic Infos, an independent radio station, closing the station and arresting several staff members. (DX Party Line)

Congo - RTVC is now broadcasting 15 minutes of news in English on Saturdays at 2202 UTC on 4,765 kHz and 5,995 kHz. (RVI Radio World via Steven Clive via Monitoring Times)

Kenya - KBC is broadcasting in English on 4,935 between 0200-2100 UTC. (BBCM)

Rwanda - Deutsche Welle's English program to Africa at 2100 UTC on 15,135 kHz is strong in North America. 9,640 and 15,350 are being announced as also being used. (Glenn Hauser via Monitoring Times)

Somalia - The UN's radio Manta is broadcasting in Somali at 0410, 1000 and 1300 UTC in 9,540 kHz and at 1600 and 1900 UTC on 6,170 kHz. (BBCM)

South Africa - Radio Orion which has been off the air for some time now has been replaced on 3,320 kHz by Radio 2000. Programming is in English and Afrikaans and is reported between 2300 and 0300 UTC (SYNTEC via Bill Westenhaver via World of Radio)

Sudan - Sudan National Broadcasting Corporation is very strong on 7,200 kHz at 0330 UTC in Arabic. Signal is severely interrupted at 0400 with sign on of co-channel VOA relay in England (ed)

Uganda - Radio Uganda heard signing on in English at 0259 UTC on 4,976 kHz. (Valko via NASWA Journal)

Zaire - La Voz du Zaire - Lumbumbashi (7203 kHz) has replied to a reception report requesting a \$500 donation. v/s Jacques Nyembo-Kibeya. (Lare, FT via NASWA Journal)

Asia

Indonesia - My report to RRI - Jakarta mailed in January to the address shown in the 1993 edition of WRTH has been returned as undeliverable. (ed)

Jordan - Radio Iraq International is now leasing time from Radio Jordan for shortwave broadcasts to North Africa and Europe. (multiple sources - ed)

Korea - BBC relay transmissions from Radio Korea transmitters on have been expanded by one hour. Broadcasts in English are being heard from 2300 to 0000 UTC on 9,525 kHz. Original plans were to have Cantonese broadcast during this time period, but a personnel shortage in the BBC's Chinese section has forced them to broadcast in English, instead. They hope to have Cantonese in place of English by October. (Mark Robinson, Radio Japan Media Roundup)

Nepal - Radio Nepal has replied to a reception report! V.S. is Ram S. Karki, Divisional Engineer. (Fred Kohlbrenner via NASWA Journal)

Taiwan - VOFC's San Francisco P. O. Box has been closed. All correspondence with the broadcaster including reception reports should be sent to the Taipei address. (Bill Westenhaver, DX Daily via Monitoring Times)

C.I.S.

Anti-Vietnam government station Radio Erina, broadcasting via Radio Moscow transmitters is reportedly back on the air as of July 19th. Station is now identifying as Radio Nadezhda in Russian and as Radio Hyvong in Vietnamese. Broadcasts are from 1400 to 1500 UTC on 11,845 kHz (up from previous, 11,725). Signals are weak and there is interference from co-channel, Radio Pyongyang's French broadcast. (Mark Robinson, Radio Japan Media Roundup)

Radio Nadezhda (Moscow's News), programmes in Russian (SW schedule only):

Moscow	1800-2000	11855
Urals/Siberia	1000-1400	11665, 11705, 11745, 9590, 9725, 9840, 6045
Central Asia	1400-1800	9490, 11910
European part of Russia	1400-1800	17675, 11855, 7390
Europe	1900-2300	7280, 7390
Far East	0600-1000	15120, 9840, 7300

Address: Radio Nadezhda, ul. Pyatnitskaya 25, 113326 Moscow (Anatoly Klepov, DX Moscow Newsletter)

U-Radio, Moscow:

2000-2400 Tue-Fri (irregular from 1600) 5900
Power: 20 kW.
Address: U-Radio, Vorobjevy Gory, MGU, Music Center, 117234 Moscow
Editor: Mr. Konstantin Volkov
(Anatoly Klepov, DX Moscow Newsletter)

After 1 September, HCJB ("The Voice of the Andes") plans to broadcast via the transmitter of Radiostation Centr on 100.7 MHz FM. (Marianna Pavlova, DX Moscow Newsletter)

Radio Titan Company, Bashkortostan, in Russian:

0200-1600 6185

Address: ul. Sovetskaya 14, room 9, 450008, Bashkortostan
(Viktor Samojlov, Neftekamsk, **DX Moscow Newsletter**)

Radio Ufa, Bashkortostan, in Russian:

0210-0300, 0700-0900, 1300-1500, Mon-Fri

0210-0900 Sat

0320-0900 Sun, all 4485 kHz

(Dmitry Kutuzov, Ryazan, **DX Moscow Newsletter**)

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Europe

France - RFI is planning to increase its English broadcasts from its present 2 1/2 hours per day to six to eight hours per day by 1995. (Radio Netherlands, Media Network)

Italy - RAI Schedule of English language broadcasts for March through September, 1993:

0100-0120 UTC	To North America on 11,800 & 9,575 kHz
0415-0440 UTC	To Mediterranean on 9,575 & 7,275 kHz
1935-1955 UTC	To Great Britain on 11,800, 9,710 & 7,275 kHz
2025-2045 UTC	To Near East on 11,800, 9,575 & 7,235 kHz
2200-2225 UTC	To Japan on 15,330, 11,800 & 9,710 kHz

RAI is in the process of making major changes including a physical relocation of its offices and studios and its antennas. Also, RAI is planning to add programming in Japanese and Chinese in future and is negotiating with a number of stations to relay its programming. (ed.)

Sweden - Radio Sweden has been forced to drop Spanish and French due to major budget cuts. The Swedish service is now restricted to relays of the domestic service. (George Wood, Media-Scan via Monitoring Times) (Who said it could only happen in Canada? - ed)

Oceania

Australia - VNG transmitter site in Sidney was vandalized and the transmitter mast was toppled. This put VNG off the air on 5,000, 8,638 and 12,984 kHz. VNG Users Consortium has since made repairs and these frequencies are once again operational. (Ben Krupp via NASWA Journal)

Cook Islands - Conditions of summer make Radio Cook Islands a possibility for DXer in North America. Try 11,760 in the wee hours until 1000 UTC. (Gerry Dexter, Popular Communications)

Tonga - A3Z has been heard in Australia on 5,030 UTC a little after 0800 UTC, but the signal was very poor. (Alex Wellner, ADNIX via Monitoring Times)

Vanuatu - Radio Vanuatu has reactivated 7,260 kHz with French and English programming at 0645 UTC. Parallel 3,945 has also been heard in North America. (NASWA Journal & Kevin Murray, SPEEDX Shortwave Radio Today)

Western Hemisphere

Brazil - Justice Minister Mauricao Correa has stated that recent radio broadcasts in Rio de Janeiro advocating the elimination of criminals and wayward street children may have been a factor in the recent slaying of 8 homeless children. Correa has requested that the Ministry of Communications provide him with transcripts of recent radio broadcasts including those of call-in programs. (DX Party Line)

Costa Rica - Radio For Peace International has temporarily abandoned 21,465 kHz, as broadcasting this frequency and 15,030 simultaneously using the same antenna was causing problems. RPI intends to return to 21,465 as soon as construction of a new antenna is completed. (Glenn Hauser, World of Radio)

Honduras - Radio Copan International is reported as being on the air with a test schedule of 1400 to 1500, 1745-1900 and 2100-2230 UTC. The station is operating on 15,675 with a 100 watt transmitter. (Jeff White via World of Radio)

Paraguay - ZP-30, Radio La Voz del Chaco, a medium wave broadcaster, plans to add a shortwave outlet on 4,900 kHz. Broadcasts are expected to begin in July or August of this year and may include English programming. (Frank Krockner, ZP-30 on DX Party Line)

South Cacaos - The Atlantic Beacon station has been purchased by a group in the New York area. Old Atlantic Beacon programming has been replaced by new and gospel programming in Spanish. Frequencies reported to be in use are 530 and 1570 kHz. WWRV, the call of the new station, also holds licenses for FM and Shortwave broadcasting. No plans for using these licenses have been announced, however. (Glenn Hauser, World of Radio)

Venezuela - Radio Tachira is reported to be airing programming from the United Nations in English at 0445 UTC on Saturdays. Radio Tachira broadcasts on a frequency of 4,830 kHz. (Ron Young, British DX Club via World of Radio)



WESTERN HEMISPHERE

Don Thornton
401 Amwell Road, Belle Mead, NJ 08502

ANTIGUA

6040 0100 **DW:** EE: Domestic & int'l news; into "Nickelodeon" prog; into a GG language program (555 7/18 Card-RI)

ANTILLES

9720 0932 **RN:** EE: News inc the UN Security Council refuses to lift sanctions against Iraq; Kurds flee to Iran (333 7/22 Brown IL)
11885 0050 **RN:** EE: A report on the trial in Israel of John Demjanjuk; "Media Network" w/a report on cable television in Europe (444 7/25 Brown-IL)
11895 0930 **RN:** EE: News inc Bosnian Serbs march on Muslim positions; President Clinton appeals for public support for his budget (444 8/4 Brown-IL)
17605 1935 **RN:** EE: "Happy Station"--the 18th North Sea Jazz Festival and an interview w/Lionel Hampton (554 6/11 Fraser-ML) (I'm waiting for a repeat of last March's "Carnival" program, which I think was Pete Meyers' best program to date--ed)

ARGENTINA

6060 0807 **Radio Nacional:** SS: Music, talks in SS by M announcer, IDs (433 7/12 Rodriguez-MI) (Welcome to the column, Jodi! ed)
11710 0203 **RAE:** EE: ID as "This is RAE, the International Service of Argentine Radio" (433 7/16 Bagozzi-CL)

BOLIVIA

6135 0930 **R. Santa Cruz:(p)** SS: Andean style ballad; interview about a protest in Cochabamba; cumbia style song; community calander; no real ID heard (232 7/19 Westenhaver-PQ)

BRAZIL

3365 0820 **R. Cultura:** PP: Velvet tonsild M vocalist w/cabaret piano accompaniment (323 7/17 Foster-NC)
4875 0333 **R. Roraima:(t)** PP: Vocal music in PP; choral music; unable to hear ID under QRN (351 7/12 Flynn-OR)
4955 0930 **R. Cultura:** PP: Music; jingle ID by M anncr (??? 7/11 Rodriguez-MI) (Welcome to the column, Jodi!--ed)
5045 0836 **R. Cultura do Pará:** PP: Ballad music; IDs by M anncr (433 7/14 Rodriguez-MI)
6090 0950 **R. Bandeirantes:** PP: M anncrs laughing it up; frequent cat's meowing; ments of São Paulo (333 7/16 Wakefield-IL)
6183 0920 **R. Nacional da Amazônia:** PP: Conveniently off frequency as PR of China's jamming on 6130 usually blakets freqy fron 0900* (pr-fr 8/1 Famularo-Japan)
9565 0927 **R. Universo:** PP: Canned IDs; slogans; freqy anmts & promos w/echo & sound effects (fr 7/3 Clar-NY)
9629.7 0826 **R. Aparecida:(t)** PP: Sertanejo music; ads & DJ chat; religious message; no ID heard (232 7/29 Westenhaver-PQ)
11730 1353 **R. Nacional da Amazônia:** PP: ID; advertisements; music (323 7/11 Hankison-KS)
11830 0005 **R. Anhanguera:** PP: Two M anncrs w/reports, ads & slogan ID; TC; into Brasopops (222 7/2 Flynn-OR)
15445 1202 **R. Bras:** EE: Soft ballad vocals by W; ID; talks about prevention and treatment of alcoholism; it was stated that 10% of Brazil is dependant upon alcohol (343 8/7 Cichorek-NJ) @ 1257 in EE w/a program of Brazilian of pop music, mostly romantic vocals (544 7/17 Bellovich-FL)
17730 2254 **SRI:** EE: ID; news inc Israel continues it's offensive in Lebanon (333 7/28 Brown-IL)

CANADA

5960 0144 **R. Japan:** EE: Ian McFarland & Larry Magne compare the Sony 2010 w/the Sony SW77 (433 7/26 Westenhaver-PQ)
6070 2302 **CFRX:** EE: ID; TC; ads; talks about agreement w/US regarding

the beer trade (333 8/8 Cichorek-NJ) @ 1045 in EE w/ads for Tropicana Orange Juice & Mazzola Corn Oil (333 7/19 Brown IL)

6120 1125 **R. Japan:** EE: "Japan Update" report on paper recycling which is slowing down in Japan (555 7/20 Fraser-MW)

6130 2309 **CHNZ:** EE: Songs by Little Richard and Four Seasons; ID (322 8/8 Cichorek-NJ) @ 1007 in EE w/sports report inc news that the CFL is going to expand into Las Vegas (242 7/27 Westenhaver-PQ) (What province is Las Vegas in?--ed)

6160 0950 **CKZN:** EE: Labrador community calendar items; Liona Boyd guitar piece (243 7/27 Westenhaver-PQ)

6160 0755 **CKZU:** EE: Lots of interesting music; CBC domestic IS heard @ 0800 (312 7/29 Hankison-KS)

9535 0133 **RCI:** EE: "Mailbag" prog--Bob Girolami did a mini-feature on k.d. lang (333 7/19 Westenhaver-PQ)

9755 2231 **RCI:** EE: "As it Happens" w/report on the effects in a mental hospital of the fighting in Bosnia (555 7/30 Kyburz-CO) @ 0242 in EE w/a report on professional lacrosse in the US; a report on professional waterskiing (444 7/10 Brown-IL)

11715 1030 **R. Korea:** EE: ID w/sign on anmts; news (555 7/8 Hankison KS)

11735 1200 **R. Japan:** JJ: On the air one hour earlier than usual for coverage of Japanese election returns (242 7/18 Westenhaver PQ)

11955 1326 **RCI:** EE: "Sunday Morning" prog w/a profile of Chile, including talks about it's economy and problems (444 8/8 Cichorek NJ)

13650 2045 **RCI:** EE: W w/cmnty about the human rights of academics (444 7/20 Langlois-FL)

15235 2315 **RCI:** EE: "Open House" prog w/feature about the relations between tribal ceremony and music & dance (fr-pr 8/1 Famularo)

15325 1335 **RCI:** EE: News about diabetes research in Ontario; new way to eliminate termites (322 8/7 Cichorek-NJ)

15325 0305 **R. Japan:** EE: Prog of world news (??? 7/26 McGuire MD)

17875 2049 **RCI:** EE: Feature about the sleeping habits of children and adults--they said women need more sleep than men! (434 7/3 Bellovich-FL)

COLOMBIA

5075 0230 **CARACOL-Bogota:** SS: Medellín classical music festival; music of Columbian composers (444 7/5 Bickus-VA)

5995.1 0901 **CARACOL-Villavicencio:** SS: CARACOL network ID; talks about the film "Jurassic Park" (433 8/7 Thornton-NJ)

6035.2 1004 **LV del Guaviare:** SS: Prog of Lat Am music w/talks, anmts, ID, TCs, ID & slogans (pr-fr 7/8 Clar-NY)

6170 0947 **LV de la Selva:** SS: Morning program of 'musica popular'; IDs, TC & anmts (fr-gd7/13 Clar-NY)

9655 0226 **R. Nacional:** SS: Nonstop carnival-like music to 0242; then full ID w/skcd & freqy anmts; NA @ 0245* (fr 7/12 Clar NY)

COSTA RICA

5055 1044 **Faro del Caribe:** SS: Christian music inc song "Buenos Días, Señor" spiritual talk (433 7/11 Rodruguez-MI)

9721.8 0540 **TIAWR:** SS: Talks is SS; IDs; classical and religious music (vy gd 6/27 Alexander-PA)

11870 2309 **TIAWR:** EE: "The Quiet Hour" w/quotations from the Bible; parable about baptism (222 8/6 Cichorek-PA)

13749.9 0715 **TIAWR:** SS: Lite instrumental music. Regular on this freqy but irregular on 13750, 6145 & 9721 (??? 7/10 Alexander-PA)

15030u 2259 **RFPI:** EE: Ad for Tee Shirts; ID; into "World of Radio" (444 7/25 Hankison-KS) @ in EE @ 1403 w/Feminist Int'l Radio Endeavor prog (444 8/7 Cichorek-NJ) @ 1915 in EE w/M with a religious message (444 7/25 Langlois-FL)

CUBA

5025 0135 **R. Rebelde:** SS: Int'l hit parade inc "Such a Simple Man"; salsa music (333 7/5 Bickus-VA)

5965 0236 **RHC:** SS: News & current affairs prog into "Los Amigos de Cuba" (fr 7/12 Clar-NY)

6010 0232 **RHC:** EE: Details about a contest for the "World of Stamps" prog; letters from listeners in Iraq & USA (444 7/10 Brown IL)

9815u 0100 **RHC:** EE: News inc item about two Russian border guards killed in Tadzhikistan by Afghan Rebels (555 7/21 Bagozzi-CA)

11760 1058 **RHC:** SS: IS; NA w/freqy anmts; into news (343 7/19 Wakefield)

13660 0230 **RHC:** EE: Musical selections; news; more music; comments from an architect (444 7/3 Levison-PA)

ECUADOR

4879.7 0145 **R. Nacional Espejo:** SS: Talks, ads & jingles in SS; ID as

"R-N-E, R. Nacional Espejo" (??? 6/26 Alexander-PA)
 5049.7 0942 R. Jesús del Gran Poder: SS: Gospel song; bells ringing; ID as "Transmite R. Jesús del Gran Poder"--best signal in months! (444 7/16 Wakefield-IL)
 5060.5 0130 R. Nacional Progreso: SS: M anncr hosting a program of romantic vocals w/lots of chatter between selections; ID (343 7/11 D'Angelo-PA)
 9745 0055 HCJB: EE: "DX Partyline" w/letters from Russia & the US; DX tips (444 7/17 Brown-IL)
 11925 0928 HCJB: EE: Address; music; "Family Bible Hour" (444 8/4 Brown) @ 1420 in EE w/a sermon on human vs. devine wisdom (333 7/11 Hankison-KS)
 15115 1409 HCJB: EE: Religious benedictions. Weaker reception reflects the decline of sunspot cycle 22. (353 7/31 Lukas-NY)
 15140 0030 HCJB: SS: ID; into "Foco Sobre La Familia"--yes, "Focus on the Family" in SS (544 7/30 Bishop-OH)
 15270 0725 HCJB: EE: "Friend of Israel" Bible program; (pr-fr 8/1 Famularo-Japan)
 17490 0355 HCJB: EE: ID; jazz music; Bible history prog (354 7/12 Flynn-OR) @ 0740 in EE w/"Saludos Amigos" prog w/greetings to letters from listeners (fr 7/25 Famularo-Japan)
 21455u 1530 HCJB: EE: Dr. Kroll w/a religious message (444 7/21 Langlois-FL) @ 0050 in EE w/fast-paced Andean music; travel program as part of "Studio 9" hosted by Dee Baklenko (454 7/16 Bagozzi CA)

FRENCH GUIANA

5055 0313 RFO Guyane: FF: France-Inter relay to 0835; then local prog w/almost non-stop pop & Lat Am music; ID (242 8/3 Westenhaver)
 15115 1128 RFI: SS: RFI theme music; ID w/freq anmts; into world news (333 7/20 Westenhaver-PQ)
 15325 0305 R. Japan: EE: News inc oil is down to \$15.60 per barrel; the US FBI director is fired by Pres Clinton (555 7/19 Brown)

GUATEMALA

3300 0926 R. Cultural: SS: Ballad, TC "...en el pueblo"; long ID; more music (322 7/16 Wakefield-IA)
 4799.8 0250 R. Buenos Neuvas: SS: Talks in SS; IDs; local rancho music; religious music; s/off anmts; 0332* (??? 6/25 Alexander PA)
 4835 1140 R. Tezulutlán: SS: Local folk instrumentals; ID (232 8/8 Cichorek-NJ)

HONDURAS

15674.6 2208 R. Copán Int'l : SS: Numerous SS & some EE IDs; carried what appeared to be R. Netherlands SS programming mixed w/Radio Miami Int'l music prog (252 7/23 D'Angelo-PA) @ 1745 in SS w/ID; into Caribbean music (333 7/22 Millard-TX) @ 2213 in SS w/music; ID; Miami FL USA PO Box address (232 7/23 Thornton-NJ)

MEXICO

6009.9 0840 R. Mil: SS: EZ listening Lat Am music (322 8/7 Thornton NJ)
 6185 1011 R. Educación: SS: Prog of "Musica de Guatemala" inc marimbas (fr-gd 7/13 Clar-NY)
 9600 1300 R. Universidad: SS: Orchestral NA followed by s/on ID & anmts by W (353 7/3 D'Angelo-PA)

PARAGUAY

1020 9755 R. Nacional: SS: Regional music; TCs & IDs; more music (222 7/8 Hankison-KS)

PERU

4890.2 0230 R. Chota: SS: TCs; IDs; huaynos; s/off w/NA (??? 7/17 Alexander-PA)
 4996 0938 R. Andina: SS: Long talks by M; Andean music (222 7/16 Wakefield-IA)
 6115 0824 R. Unión: SS: Early morning huaynos; ID; ments of Lima (333 8/7 Thornton-NJ)

PIRATES, CLANDESTINES & UNIDS

7417.6 1857 R. Anarchy: EE: Features including "Extravaganza" "Rock 'n Roll Swindle" & "Media Backlash" (343 7/4 Flynn-OR)
 9941.6 0036 LV del CID: SS: Statements from several leaders of Cuban exile groups--seem like coverage of some sort of meeting that was held. No jamming noted. (343 7/18 Westenhaver-PQ)

UNITED STATES OF AMERICA

5950 0215 **WYFR:** EE: Voice of Free China prog w/a discussion of Tourism; into CC lang lessons (??? 7/26 McGuire MD)
VOA: EE: News about an attack in Nicaragua (??? 7/22 McGuire-MD)

6065 0152 **WYFR:** EE: "Quiet Hour" w/ Christian inst'l music; sermon: "Trust and Obey!" (433 7/25 Bishop-OH)

7315 0504 **WHRI:** EE: "Croatian Radio, Zagreb" prog w/news that the situation in Bosnia has been quieter (444 8/6 Brown-IL)

7355 0205 **WRNO:** SS: Latin American music which sounded Brazilian (433 7/25 Bishop-OH)

7435 0500 **WWCR:** EE: "Herald of Truth" prog produced by Kingdom Identity Ministies (544 7/14 Bagozzi-CA) @ 0014 w/telephone call in program w/caller critical of the US IRS (433 7/18 Bishop OH)

9350 1322 **WEWN:** EE: Religious program w/recitation of the Rosary and Gregorian chanting (444 8/7 Cichorek-NJ)

9465 1528 **WHRI:** EE: "For the People" prog where it was stated that Pres Clinton's friend Vince Foster, who committed suicide, was an anti-gun lawyer who was found with two unregistered pistols on his body (454 7/24 Bellovich-FL)

9590nf 1759 **WHRI:** EE: ID w/amnts that this on S. American beam //13670 to Europe w/"For the People" broadcast after the news (444 7/19 Westenhaver-PQ)

9590 0152 **BBC:** EE: News that Israel calls off it's military offensive in Lebanon (333 7/31 Brown-IL)

9840 0950 **WCSN:** GG: Hymn; ID w/QTH; freqy sked & s/off @ 0956 (343 8/8 Wakefield-IA)

11705 1504 **WYFR:** "Open Forum" prog (433 7/29 Bishop-OH)

11715 1436 **KJES:** EE: Prayer recitations by M & W to Yahweh; and on and on... (322 8/8 Cichorek-NJ)

11930 1513 **R. Marti:** SS: A play in SS featuring a M & W (433 7/29 Bishop-OH)

13845 0325 **WWCR:** EE: Prog hosted by Dr. Gene Scott (221 7/30 Bishop OH)

15120 0145 **VOA:** EE: A round table discussion on US foreign policy including it's lack of direction (333 7/18 Brown-IL)

15215 0115 **WYFR:** Mandarin: News; //17845 kHz (343 7/27 Froemming AZ)

15420 2930 **WRNO:** EE: Ernst Zündel talking with a guest about what they called "Worshiping the Holocaust--The New Religion" (Mr. Zündel is reputed to be a neo-Nazi by his many critics) (333 7/25 Thornton-NJ)

15440 0121 **WYFR:** EE: "Open Forum" prog (332 7/30 Bishop-OH)

15590 2015 **KTBN:** EE: Sermon urging the US to return to God (434 7/18 Saarikko-NY)

15665 2300 **WSHB:** EE: M w/talks about relations between the US & North Korea (444 7/20 Langlois-FL) @ 1242 in EE w/story that a woman on a plane sees a spot on her eye while looking in the mirror but obtains strength from God (343 7/11 Havrilko-Germany)

15685 1235 **WWCR:** EE: "The Stations of the Cross" (343 7/11 Havrilko-Germany)

18930 1904 **WEWN:** EE: Religious programming (555 7/17 Levison PA)

21495 2057 **VOA:** EE: Details of an attempt by Malaysia to ship chemicals to Libya that could be used in rocket fuel (555 7/13 Bellovich-FL)

URUGUAY

11835.7 0938 **R. El Espectador:** SS: Local & regional news prog "Informe de la Mañana"; ads inc "Banco Comercial" IDs; TCs; slogans (good 7/3 Clar-NY)

VENEZUELA

4840 0940 **R. Valera:** SS: Ballad music; ID (322 7/13 Rodriguez MI)

43930 0908 **Ecos del Torbes:** SS: What sounded like "Noti-Rumbos" inc ads, promos & the doorbells (242 7/27 Westenhaver PQ)

FILL THAT GAP! News: this month includes the fact that, for financial reasons, the Christian Science Network would like to sell it's transmitters for WCSN located in Scotts Corner, Maine and consolidate the transmitting operations at WSHB located in Cypress Creek, South Carolina...thanks for the fourth year in a row to Bill Westenhaver for being a gracious host while I was in Montreal for a few days. I got to see a few places far from the usual gringo trail, which are not listed in any tourist book I have ever seen...the days are really starting to get shorter now, even if the temperature is ninety something while this is being typed, so the DX season is nearly here!...until next month remember to have fun with your radio!

73s and good DX *WLN*

EUROPE

BOB COLYARD
84 HARRISON AVE
BRICK, NJ 08724



Well it's that time of year again when schedules and frequencies change. Look for many stations to move to lower frequencies. At least I hope they do. I'm finding the higher ones to be less and less useful. On with the loggings!

- 73 *Bob*
- ALBANIA** Radio Tirana
- 9580 0130 RT: EE: Man with news, ID, and talk on human rights in Albania. (242 7/27 Froemming-AZ)
- 11745 0235 RT: EE: Discussion of politics and culture. (7/27 McGuire-MD)
- 11745 0155 RT: Albanian: Excellent regional music; s/off of 1st program at 0158*; s/on of 2nd program at *0200. (333 7/27 Hankison-KS)
- AUSTRIA** Radio Austria Int'l
- 9870 0345 ORF: EE: Report on the muslims conditions in Bosnia; a report on the CFC conference. (333 7/20 Brown-IL)
- 2330 ORF: GG: to S.Am.; Talk of superpowers and a Strauss waltz. (545 7/20 Robinson-TN)
- 9880 0138 ORF: EE: Program about Austrian wines; very interesting. (545 8/1 Kyburz-CO)
- 15450 1047 ORF: EE: Beamed to Australasia; interview with the Slovenian foreign minister; and Austrian press review. (242 7/20 WW-PQ)
- BELGIUM** Radio Vlaanderen Int'l
- 9930 2315 RVI: SS: Music by Django Reinhardt and Stephane Grapelli, with "hot club" version of "Marseillaise". (Did you know France recently issued a stamp honoring Django?!) (343 7/24 WW-PQ)
- 9930 2330 RVI: EE: News of extra trains being available for the funeral of the late monarch; and Prince Albert will be Belgium's 6th King. (444 8/2 Brown-IL)
- 2330 RVI: EE: "Brussels Calling": Accusations of abusive behavior by Belgian troops in Somalia. (444 7/7 Pasquale-PA)
- 2333 RVI: EE: Woman with news and press review; into "Radio World" with Frans Vossen mentioning the fire at WWCR may have been set in protest to the pro-nazi program "Stimme der Freiheit". (444 7/17 Bellovich-FL) (535 7/17 Card-RI)
- BULGARIA** Radio Bulgaria
- 7225 0143 RB: ??: Ethnic music to 0155* s/off. (444 7/11 Levison-PA)
- 13670 1845 RB: EE: Man and woman with commentary and classical music. Heavy QRM. (333 7/21 Langlois-FL)
- 15330 *0000 RB: EE: //11720; Woman with ID and freq anmts; then news and "History Club": interesting program on the Berlin treaty of 1878 which divided up the Balkan states under Ottoman rule. (333 7/22 Bellovich-FL)
- 2210 RB: EE: Report on politics and Macedonia. (343 7/15 Bagozzi-CA)
- 2226 RB: EE: Program of popular ethnic music followed by a listing of English broadcast times. (433 7/30 Kyburz-CO)
- 2245 RB: EE: "History Club" on the 1878 treaty of Berlin which divided the Balkans and leading to the present day problems there. (554 7/19 Fraser-MA)
- 17830 1147 RB: EE: Profile of Elena Boshkova, a prize-winning folk singer who's a star soloist with Bulgarian National Radio Orchestra. (343 7/29 Westenhaber-PQ)
- CROATIA** Croatian Radio, Zagreb
- 5920 2320 CR: Croatian: //9830(222), 13830(322); Lots of American pop and rock. Very strong signals here in N.J. (544 8/2 Colyard-NJ)
- 13830 2000 CR: Croatian: News on President Tujman. (333 7/17 Pasquale-PA)
- 2153 CR: Croatian: Mostly music; heavy static. (241 7/15 Flynn-OR)
- 2157 CR: Croatian: Played what sounded like a national anthem; ID and into news. (333 7/26 Bellovich-FL)

CZECH REPUBLICRadio Prague

- 5980 0315 Radio Ropa info: GG: News; English and German music, "Penny Lane". (322 7/15 Pasquale-PA)
 7345 0305 RP: EE: //9810, 11990; News with item on Czech-Slovak border administration. (333 7/15 Bagozzi-CA)
 11990 0004 RP: EE: //7345, 5930; News: large airshow in honor of the 75th anniversary of the Czech airforce. (444 7/18 Bellovich-FL)
 1032 RP: EE: Woman with the news. (322 7/25 Hankison-KS)

EURO-PIRATE

- 6226.2 0324 DLRI06: ??: Noted on many nights at poor or threshold levels with easy rock tunes and very little talk; apparently a 24-hour a day operation. (242 7/28 D'Angelo-PA)

FINLANDRadio Finland

- 11755 0141 RF: EE: News with item on the effect on the Finnish mark by the European monetary crisis. (333 7/30 Brown-IL)
 0145 RF: EE: //15185(343); Finland to donate funds to help the refugees in Yugoslavia. (444 7/16 Bagozzi-CA)
 0203 RF: EE: Commentary on the boom in the Helsinki stock market as a result of reduced capital tax rate. (544 8/1 Kyburz-CO)
 0205 RF: EE: Press review; jazz and preview of English broadcasts to NAM; into Finnish @0215. (444 7/27 Hankison-KS)
 15185 0204 RF: EE: Comments from the Finnish press followed by jazz. (444 7/9 Levison-PA)
 15400 *1330 RF: EE: ID & frequency info; news and into "Airmail" the listeners letterbox program; then "Coffee Break": prices in Helsinki restaurants are cheaper than elsewhere in Europe. (323 7/17 Bellovich-FL)
 15440 1830 RF: EE: News and "Coffee Break"; reception poor but audible. (252 7/2 Lukas-NY)
 1853 RF: EE: News and commentary on closing Helsinki's only Youth Hostel. (433 7/17 Foster-NC)
 2145 RF: EE: "Compass North", Unemployment to reach 20% in Finland. (343 7/18 Saarikko-NY)

FRANCERadio France Int'l

- 9495 2023 RFI: FF: "Canal Tropical" program of mainly US soul and urban music, even a piece by Gloria Estefan, but no African stuff. (242 7/20 Westenhaver-PQ) I think it depends on the day. BC
 15315 1030 RFI: FF: //15300(343), 15365(444); ID and freq announcement welcoming listeners in the Americas; news and into a cultural chat show. (242 7/20 Westenhaver-PQ)
 15365 1241 RFI: EE: //17575; News: a floating pool in Paris has sunk to the bottom of the Seine; better than //. (343 7/8 Westenhaver)
 17575 1240 RFI: EE: Bernard Tapie claims that the investigations of his Olympique Marseilles Futbol team are a witchhunt against him. (343 7/8 Westenhaver-PQ)
 17650 1405 RFI: EE: World news with reports on Indian & British politics. (pr-fr 7/23 Famularo-JP)
 1430 RFI: EE: Report on blood supplies and HIV. (444 7/20 Langlois)

GERMANYDeutsche Welle Radio Canada Int'l

- 6040 0105 DW: EE: World and local news. (7/24 McGuire-MD)
 9765 0126 DW: EE: Report on the environmental legacy of the former red army in eastern Germany. (555 8/1 Kyburz-CO)
 13790 0220 DW: EE: International and local news. (444 7/3 Levison-PA)
 15135 2145 DW: EE: German folk music; ID and frequency sked to Africa; 2150*. (pr-fr 7/24 Famularo-JP)
 15390 *0330 RCI: AA: Bi-lingual IS and ID, then s/on and into news read by a woman. (222 7/27 Hankison-KS)
 21600 *1500 DW: EE: IS, ID, frequency sked to Africa and satellite info to North America; then into world news; moderate to heavy QSB. (pr-fr 8/2 Famularo-JP)

GREECEVoice of America Voice of Greece

- 7205 0243 VOA: EE: Report on skinheads on "VOA Tuesday Morning"; shuttle continues it's countdown. (333 7/14 Brown-IL)
 9420 0135 VOG: EE: National news and report on the 1974 invasion of Cyprus. (7/25 McGuire-MD)

HUNGARYRadio Budapest

- 9835 0218 RB: EE: Hungarian Press Review. (343 7/15 Bagozzi-CA)
 9835 0230 RB: EE: Discussion of Hungarian sports. (7/22 McGuire-MD)
 11910 0200 RB: EE: IS, ID and frequency sked; news and updates on fighting in Bosnia. (343 7/27 Froemming-AZ)

ICELANDIcelandic National Broadcasting Service

13835 1215 INBS: Icelandic: Man with ID and news. (242 7/27 Froemming-AZ)

ITALYRadiotelevisione Italiano

7294 0755 Radio Europe: Italian: usb; Man with fast talk and mention of WWCR program; then music. (243 7/17 Havrilko-GER)
 9515 0815 RTV-Italiano: Italian: Man and woman with talk; time pips to 08177; Domestic service. (343 7/18 Havrilko-GER)
 9575 *0100 RAI: EE: //11800; IS, ID and frequency sked; then woman with news; QRM de REE. (322 7/24 Bellovich-FL)
 11800 0115 RAI: EE: Pop music. (444 7/15 Gagozzi-CA)
 0116 RAI: EE: Program of popular Italian music; sign off at 0120. (545 8/1 Kyburz-CO)

MONACOTrans World Radio

9480 0750 TWR: EE: Quick ID amt; then "Through The Bible" with J.Vernon McGee: he's taking you through the Bible in 5 years! (You can even buy tapes of all 5 years. (344 8/3 Westenhaver-PQ)

NETHERLANDSRadio Netherlands

6020 0035 RN: EE: World news and weather. (7/25 McGuire-MD)
 2330 RN: EE: ID, news and commentary; @2355: a discussion of player pianos, pianolas. (444 6/6 Cichorek.-NJ)
 9650 1136 RN: EE: News, weather and "Newline" with comment on Clinton's economic plan and it's narrow passage. (333 8/7 Cichorek-NJ)
 1137 RN: EE: "Newline" hosted by Ginger D'Silva. (242 7/23 WW-PQ)
 13700 0225 RN: EE: Program on a typical day in the Netherlands, and how it differs from other European countries. (232 7/27 Froemming-AZ)
 *1127 RN: Indonesian: ID and announcement for the station address in Jakarta given. (243 7/27 Westenhaver-PQ)

NORWAYRadio Norway Int'l

9560 0120 RNI: EE: Comments on the catering to children on the Norwegian state railways. (555 8/1 Kyburz-CO)
 9655 2306 RNI: EE: News of 130 ships of the "Cutty Sark" tall ships regatta anchor in Bergen Harbor. (554 6/25 Fraser-MA)
 9675 0009 RNI: EE: Woman with news of smoking restrictions in Norway and a Norwegian climbs the 6th highest peak. (534 7/5 Bellovich)
 11925 0200 RNI: EE: News: Norway gives more money to the UN for refugees. Some groups want visas for refugees. (444 7/18 Brown-IL)
 0218 RNI: EE: //9560; "Norway Now" on the 100th anniversary of the coastal steamer route. Interesting! (444 7/19 Westenhaver-PQ)
 15165 2125 RNI: EE: Discussion on farming and tourism. (fr 7/25 McGuire)
 17795 1415 RNI: Norwegian: Mailbag program. (344 7/17 Westenhaver-PQ)

PORTUGALRadio Portugal

9580 2230 RDP: PP: American rythm and blues: "Unforgettable" by Nat and Natalie Cole. (545 7/19 Robinson-TN)
 9650 0420 Radio Canada Int'l: EE: Piece on world potato congress held on Prince Edward Island. (Canada's largest grower) (343 8/1 WW-PQ)
 9705 0150 RDP: EE: //9570; Program on the summer festivals in Portugal. (444 7/27 Froemming-AZ)
 15235 2242 VOA: Polish: Program of Spanish guitar music; special English/Polish transmission. (444 8/6 Cichorek-NJ)
 15315 1350 Radio Canada Int'l: EE: Feature on jazz festival and the music. (444 7/11 Havrilko-GER)
 15515 1117 RDP: PP: //17595(232); Light Portuguese folk songs; blocked @1128 by RFI-Montsinary. (343 7/20 Westenhaver-PQ)

ROMANIARadio Romania Int'l

9510 0230 RRI: EE: Program on Romanian folk music. (7/24 McGuire-MD)
 0308 RRI: SS: Promo for appearance of Romanian Prime Minister in August to answer listeners' questions. (333 7/29 Westenhaver)
 11940 0243 RRI: EE: Feature on Romanian hotels. (212 7/27 Hankison-KS)
 1213 RRI: GG: Talk on the Moldovan language and culture by man with halting accent; unid co-ch QRM. (333 7/27 Westenhaver-PQ)
 1930 RRI: EE: "The city (Bucharest) is beautiful"; talk on Romanian baseball players. (545 7/18 Robinson-TN)
 15335 1440 RRI: EE: Features on Romania; but co-ch Morocco made listening difficult. (poor 7/16 Famularo-JP)
 15365 1325 RRI: EE: Rather dry program reading letters from listeners. (433 7/11 Havrilko-GER)
 17745 1242 RRI: AA: Man with talk; @1256* "Saut al Rumaniya" ID, IS once and off; co-ch Golos Rossiye QRM. (232 7/29 Westenhaver-PQ)
 17745 1542 RRI: AA: Arabic music and talk on eastern European nations. (fr-gd 7/10 Famularo-JP)

SLOVAKIARadio Slovakia

- 9605 1835 RS: EE: Interview with jailed Slovak ex-patriot returning to present day Slovakia from the CIS. (222 8/22 Colyard-NJ)
 9810 0100 RS: EE: News of Bratislava and talk on poultry breeding. (555 7/7 Robinson-TN)
 0114 RS: EE: Item on research cooperation between Slovakia and Canada. (232 7/8 Bagozzi-CA)

SPAINSpanish National Radio

- 9525 0105 SNR: EE: "Panorama" with world and Spanish news; They moved to this frequency on August 2nd to avoid Radio Moscow on 9530, now they only have Radio Marti to contend with. Why did they move off 9630?!! (444 8/19 Colyard-NJ)
 9530 0110 SNR: EE: Interesting program on the Spanish in the American west. (545 8/1 Kyburz-CO)
 0509 SNR: EE: News on war in Bosnia. (433 8/6 Brown-IL)
 9520 2310 Radio Liberty: RR: IS, ID and into "Fakti i Madia" with man chatting away about something. (333 7/9 Westenhaver-PQ)

SWEDENRadio Sweden

- 9695 0220 RS: EE: Talk on tourism and sports. (7/26 McGuire-MD)
 11705 0204 RS: EE: Report on Saab's new car and "Money Matters" on the banking crisis in Sweden. (333 7/21 Brown-IL)

SWITZERLANDSwiss Radio Int'l

- 6135 0200 SRI: EE: World and local news. (7/24 McGuire-MD)
 9535 0358 SRI: EE: //9885(555); IS, ID and news. (322 7/20 Brown-IL)
 9650 0016 SRI: EE: "Grapevine" with listener's letters. (444 7/18 WW-PQ)
 0215 SRI: EE: End of news, ID and talk of constitutional changes in Switzerland. (322 7/27 Froemming-AZ)
 9810 2210 SRI: EE: "Grapevine" with more European listeners complaining about SRI moving more to satellite. (248 7/24 Westenhaver-PQ)
 9885 0226 SRI: EE: "The Two Bobs"; QRM de ORF-9880. (433 8/1 WW-PQ)
 12035 0158 SRI: EE: //6135, 9650; IS, ID, news and "Dateline" program. (433 7/14 Brown-IL)
 15505 1257 SRI: EE: IS, ID, frequency anmt and news. (242 7/11 Havrilko)
 21802 1303 SRI: EE: World news and "dateline". (fr 8/2 Famularo-JP)

UNITED KINGDOMBritish Broadcasting Corp

- 7230 *0359 Radio Japan: JJ: IS (new reworked version) and English ID, then into news. QRM de co-ch Channel Africa. (232 7/19 Westenhaver)
 7325 0226 BBC: EE: "Sports Track". (444 7/10 Brown-IL)
 9410 2156 BBC: EE: "Newshour" with piece on hyperinflation in Serbia - they just issued a 50,000,000 Dinar note. (343 7/20 WW-PQ)
 9760 0925 BBC: EE: //9410; "From Our Own Correspondent". (242 7/15 WW-PQ)
 9915 2215 BBC: EE: "Seeing Stars" on globular clusters. (555 6/4 Fraser)
 0245 BBC: EE: Quiz show: "Which country's highest award is the order of the elephant?" (444 7/19 Brown-IL) I give up! BC
 11780 1111 BBC: Croatian: Financial news; off at 1114* (333 7/28 WW-PQ)
 12095 2215 BBC: EE: "Short Story": "Second Lesson". (454 6/25 Fraser-MA)
 0350 BBC: EE: Report about personality changes in people in Bosnia. (444 7/28 Mallard-TX)
 15070 *2215 BBC: EE: "Jazz For The Asking" music by Ben Webster, Pearl Baily and other jazz greats. Good stuff! (555 7/17 Bellovich-FL)
 15070 1715 BBC: EE: Sherlock Holmes: "Copper Beeches". (454 6/8 Fraser-MA)
 15340 2303 BBC: EE: Economic news about Europe. (333 7/31 Brown-IL)
 21590 1105 BBC: Indonesian: News to 1114; then BBC ID. (242 7/18 WW-PQ)

VATICAN CITYVatican Radio

- 9600 2300 VR: EE: "Ask The Abbot", about, "Should one bless themselves with holy water after exiting the church. (423 7/5 Bellovich)
 15090 2021 VR: EE: News on Africa and Pope's message. (333 8/7 Cichorek)
 2203 VR: Chinese: News, music and talk; IS and ID @2242 followed by English @2245. (343 7/15 D'Angelo-PA)
 21670 1205 VR: Italian: Interview with a priest and talks on the Bosnian situation; IS @1228*. (pr-fr 8/2 Famularo-JP)
 21850 1120 VR: PP: //21710(242); Sunday inspirational message; @1125: "Sete Dias", the daily program to Brazil. (343 7/18 WW-PQ)

YUGOSLAVIARadio Yugoslavia

- 6100 2126 RY: EE: End of broadcast, ID and frequency anmts, IS to 2130. (322 8/7 Cichorek-NJ)
 9580 0043 RY: EE: Report of Croatian aggression. (353 7/16 Bagozzi-CA)
 0130 RY: EE: News of Mujahadin killing civilians in Croat villages. (444 7/4 Pasquale-PA) (422 7/17 Brown-IL)



THE COMMONWEALTH

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

BRUCE ROBINSON

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

A lot of loggings this month, so you won't have to listen to me chatter!!! (But feel free to ask me about the 4 pound trout my 8 year old son caught!!!)

COMMONWEALTH

- 7240 0003 **R UKRAINE** EE: Nx, ID, into "Music from Ukraine" with folk songs associated with summer (243 7/19 Westenhaver-PQ)
- 9450 2144 **R YEREVAN** EE: Program abt Armenian history; local folk music. ID as "Araks Radio Agency", this corrects my tentative ID last month. Not heard every day. (??? 7/18 Alexander-PA)
- 9750 0409 **R MOSCOW** EE: Nx-Saturday was the 75th anniversary of the assassination of Czar Nicholas II & his family, followed by program on RR history, this one 12th century Novgorod (343 7/18 Westenhaver-PQ)
- 9860 0030 **R UKRAINE** EE: Mailbag show "Hello from Kiev" (444 7/18 Westenhaver-PQ)
- 9880 2231 **CHINA R. INT'L** EE: "The Cooking Show" with prawn dish, @2235 "Music from China"; splash from 9885(243 7/24 Westenhaver-PQ)
- 11440 2200 **R UKRAINE** EE: IS, talk in lang, ID, incl folk mx--new frequency or spur??? // 15195, 11720, 9640, 9600, 9550, 7240, 7195, 7150, 6090- 11440 off @2359, but // 's continued with EE @0000 (7/18 Alexander-PA) Nice catch!
- 11630 1900 **R MOSCOW** EE: Nx abt peace talks in CIS (454 Lukas-NY)
- 11710 1058 **R MOSCOW** EE: Heard for abt 15 minutes under RAE in JJ, but couldn't ID until hearing "Moscow Nights". Far east site??(222 7/9 Westenhaver-PQ)
- 11780 2145 **R UKRAINE** EE: "Ukraine & the World" feature abt artist Yeroslav Nitsky's exhibit in NYC (545 6/14 Fraser-MA)
- 11790 0245 **R YEREVAN** EE: Nx abt military situation in Nogordo Karabach (433 8/12 Pasquale-PA) New text books based on Armenia for this school year (best reclamation ever!!!) (433 7/15 Pasquale-PA) Congratulations Denis!! @0248 Obelisks, 9th-10 century Armenian art (544 7/5 Bickus-VA) @253 Nx abt Armenia/Azeri conflict (333 7/15 Bagozzi-CA)
- 11790 0311 **R MOSCOW** EE: "News & Views" hosted by Robert Bell(he's everywhere on RMWS these days!!) (343 7/22 Westenhaver-PQ)@355 Freq anmmts, close down (555 7/28 Millard-TX)
- 11805 0954 **R MOSCOW** EE: RR classical mx, ID @0958; on past 1000 but under RR stn which sounded like it was from the CIS (242 7/15 Westenhaver-PQ) (So is this 2 loggings, Bill??hi br) @2309 "New & Views" Russia consider econ sanctions for discrimination against Russians (434 7/5 Bellovich-FL)
- 11880 2100 **R GALAXY** EE: IS, opening EE anmmts, ID; medical bulletin px, business ads. (Strong 7/11 Alexander-PA) @2100 ID in EE, freq anmmts, M into RR vocals (angry sounding singer!!!)(434 8/7 Cichorek-NJ) (Remember my mention of my fishing trip?? I logged R Galaxy finally!!! br)
- 11920 2245 **R YEREVAN** EE: Px abt history of Armenian art, ID as "Araks Information Radio Agency" //11945, 15385 (Good 7/18 Alexander-PA) @2132 in FF W w/tlk abt long Christian history of Armenia, the Bible was translated early (333 7/18 Westenhaver-PQ) (Bill, you should have listened longer, it would have been "psychic"!!br)@2245 Px of Armenian culture and history (Fair 7/25 McGuire-ID)
- 11940 1048 **R MOSCOW** Indonesian: Ments of Indonesia and "Amerika Serikat(USA), ID "R. Moscowaaa" (242 7/15 Westenhaver-PQ)
- 11945 2246 **R YEREVAN** EE: YL w/nx abt war w/Azerbaijan, mx bridge, comment abt war & status os negotiations, ID (343 7/13 D'Angelo-PA)
- 12040 2238 **R MOSCOW** EE: "Timelines" w/Robert Bell & Estelle Winters chatting abt shopping in Moscow; they're Coming To Take Me Away" by Napoleon XIV (Remember that one???) (343 7/24 Westenhaver-PQ) (hee,hee, ho,ho, ha,ha!!! One of those tunes you CAN'T forget, try as you might!! br)) @2240 "Audio Book Club" with Anton Chekov's "The Grasshopper", usual tragic love story (454 6/25 Fraser-MA)
- 12055 1046 **R MOSCOW** JJ: W hosting px of old RR M ballads; ID, IS @1059, then into DW IS(see next logging)(242 7/19 Westenhaver-PQ)
- 12055 1059 **DEUTSCHE WELLE** JJ:DW IS--no site ID; into JJ px w/Baroque theme mx, W ID anmt w/reqs (242 7/19 Westenhaver-PQ)
- 12065 1115 **R NEDERLAND** EE: "In So Many Words" on the Greek language today; Via Petropavovsk-Kamchatskiy, per RN sked--beamed to EAsia. No sign of // 15470 today (243 7/27 Westenhaver-PQ)
- 13725 2045 **R ALM SHINRIKYO** EE: Px w/ID, Japan Addr: into RMWS @2058 (7/11 Alexander-PA)
- 15155 0952 **R MOSCOW** EE: Px of RR folk mx reworked by US/Russian artists--sounded like bossa nova elevator mx to me; RFI on this freq @0958 (343 7/20,

- Westenhaver-PQ) (Bossa nova elevator mx???? Bill, you'd better go to bed earlier!!!!)
- 15195 0000 **R UKRAINE** EE: // 15180, 11720, 9640, 9600, 9550, 7240, 7195, 7150, 6090. Since early April I have been hearing // 9860 & 9685 consistently s/on mid-px at 0030. When 9860 & 9685 s/on the following spurs appear: 9160, 9335, 9510, 10035, 10210, 10385, some very strong. Heard on 2 different rxers. Notice the 175 kHz separation between each freq. (6/12-6/13 Alexander-PA) (Interesting observations! #0000 mention Ukrainian Orthodox Church, training teachers-Ukrainian language (545 7/22 Robinson-TN)
- 15200 0720 **UZBEK RADIO** Uzbek: Islamic/AA style mx + songs, M ments "Toshkent" just prior to 0730 IS;Nx,more singing(fair 7/16 Famularo-JP) Nice one Ralph!
- 15290 1843 **R MOSCOW** EE: Interviews with Zambian Ambassador and director of the new American Cultural Centre in Moscow; s/off 1859 (343 7/18 Westenhaver-PQ) @1345 Interesting anecdotal account abt a Russian rural landlord and a farmer--bitter-sweet story, very Russian! (343 8/7 Cichorek-NJ)@2100 world & regional nx, politics (??? 7/25 McGuire-MD)Welcome to THE column!!!! @1200 RR by radio; "Russian Fairy Tales", tx of "Mother Russia" (555 7/12 Robinson-TN)
- 15290 2044 **R AUM SHINRIKYO** EE: Religious px, address, mx and EE translation (444 7/30 Brown-IL)
- 15295 1330 **R UKRAINE** EE: IS, ID, freqs and nx, incl rept on privatization (fr-gd 7/21 Famularo-JP)
- 15355 1324 **R MOSCOW** EE: "Newmarket" px abt auto show w/foreign cars, gas prices up w/gas costing 100 rubles per liter (323 7/17 Bellovich-FL)
- 15375 2002 **R UKRAINE** GG: Freq anmt, ID & nx mentioning dispute between Ukraine & Russia over the Black Sea Fleet (433 7/17 Westenhaver-PQ)
- 15425 2005 **R MOSCOW** EE: All 12 nations of E.C.Parliament condemn US aggression against Iraq (Funny, didn't hear anything about this on the VOA!!!!) (555 7/15 Bagozzi-CA)
- 15455 2006 **R MOSCOW** SS: Nx, ID, px "El Mundo al Dia" leading with Yeltsin's dispute Russian Parliament--QSB (343 7/17 Westenhaver-PQ)
- 15470 1107 **R MOSCOW** EE: W nx, today is 40th anniversary of Korean War cease fire--very weak (242 7/27 Westenhaver-PQ) @1306 Nx of Georgian troops entering harbor(333 7/11 Havrilko-Germany) Welcome to THE column!
- 15470 1215 **R NEDERLAND** Indonesian: Maudlin version of "Feelings"; M tlc w/ments os "Mata Hari". Hrd //12005, 13705, 17610(222 7/15 Westenhaver-PQ)
- 15490 2355 **R MOSCOW** PP:RR guy sining in early Elvis style (maybe he's alive in the CIS!!! br) ID anmt,IS to 0000 (333 7/17 Westenhaver-PQ)
- 15525 1252 **DEUTSCHE WELLE** CC: Story telling, switching from GG to CC (343 7/11 Havrilko-Germany)
- 15560 0220 **DEUTSCHE WELLE** EE: Nx abt LAmerica, ID, "Economic Notebook" (fair 7/17 Famularo-JP)
- 15590 1056 **R MOSCOW** ??/EE:Fill mx;closing anmt in lang (maybe Urdu) @1059 to RMWS w/IS & nx (242 7/20 Westenhaver-PQ)
- 17595 1236 **R MOSCOW** EE: Px of light classical mx //17645, 17670, 17675, 17760 (243 7/29 Westenhaver-PQ)
- 17660 1402 **R MOSCOW** FF:Nx, "Evenements et Opinions" (343 7/17 Westenhaver-PQ)
- 17745 1255 **GOLOS ROSSIYE** RR: M tlc, ID @1258,IS (343 7/29 Westenhaver-PQ)
- 17760 1230 **R MOSCOW** EE: ID,"Your Top Tune Quiz" (555 7/24 Robinson-TN) @1437 played song "They're Coming To Take Me Away" //15290 (I wonder if Napoleon XIV gets royalties from the CIS for all of the air time on this song(?)br) (434 7/24 Bellovich-FL) @1437 "Russian by Radio" (554 6/11 Fraser-MA) @1821 "commonwealth Update"abt Moldovia//15290(343 7/17 Westenhaver-PQ)
- 17855 1246 **R MOSCOW** FF:Feature abt Volga river, the city Volgograd, and folk songs (242 7/29 Westenhaver-PQ)
- 21450 1012 **R MOSCOW** EE: M/W tlks,incl 15 soldiers killed in Tajikistan; new freq? (pr-fr 7/16 Famularo-JP)
- AZERBAIJAN**
- 15240 1736 **VOICE OF AZERBAIJAN** EE: Mid-eastern mx (80% readable) and mixed bag of cm/yl talks (20% understandable)to 1756, ID and s/off arnmts-completely covered by VOA IS @1758 (222 7/24 D'Angelo-PA) @1650 Nx, talk of fighting and arrests,poor audio (322 7/14 Pasquale-PA)(GREAT loggings, Richard & Denis!!!!br)
- LITHUANIA**
- 12040 2300 **R VILNIUS** EE: Pblms of Lith farmers, mtg of Baltic state Presidents (555 8/13 Pasquale-PA)

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

Bruce



AFRICA

Paul Wakefield Box 188
West Branch, IA 52358

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

Is it just me, or are things just a little off-center this month? I mean, we've got multiple tape problems, rock throwing, cat fighting- Elvis was nowhere to be seen (O.K., HEARD- this IS radio!), but Glenn Miller may have been spotted. So brace yourselves, this could get weird!

ANGOLA

9535 1420 RN de Angola: PP: Fast talking ancr, mixture of pop & rock mx, @1430 ID & nx by W ancr, fading out @1431 (333 8/7 Cichorek-NJ)

ASCENSION ISLAND

15160 2015 VOA: EE: Nx- Americans injured in Somalia, rpt on politics in Mozambique (333 8/4 Brown-IL)
15190 0955 BBC: EE: "Sports Roundup", @1000 nx headlines, then into "Pop Science" (242 7/20 Westenhaver-PQ)
15260 2312 BBC: EE: Book Review- "For the Sake of Argument", ID, "Jolly Good Show" (333 7/31 Brown-IL)
15400 1715 BBC: EE: Nx about Africa (333 7/9 Hankison-KS) Afr mx, nx- Nigerian soccer team is asked to explain themselves after rock throwing incident at World Cup soccer match [they had to throw rocks- after all, they didn't have any bats available- ed.] (333 7/19 Brown-IL)
17790 1108 BBC: EE: "Newsdesk"- opinion polls for Japanese elections show the Liberal Democrats doing better than expected- quite weak (242 7/15 Westenhaver-PQ)
17860 1609 BBC: EE: "Nx About Britain" incl economic & Parliamentary nx items (fr 7/15 Famularo-JP)
17880 1901 BBC: EE: Play- part 3 of "The Master & Margarita" (444 7/18 Fraser-MA)

BENIN

4870 2019 ORTB: FF: Local mx w/drums, M tlk in FF (322 7/17 Havrilko-GER) [Welcome back, Vince!]
5025 0530 ORTB-Parakou: FF: M w/ID, nx- heard South Africa mentioned, 0548 Afr mx (242 7/27 Froemming-AZ)

BOTSWANA

4830 0445 R. Botswana: Sets: Some EE but mainly local lang tlk, mention of Botswana near top of hour (353 7/11 D'Angelo-PA) @2000 in EE: M w/nx, US pop mx, poor- static (322 7/9 Havrilko-GER)
7265 0450 VOA: EE: Flood nx, ID "VOA Tuesday Morning", heavy QRM from co-channel Sudwestfunk (312 7/27 Hankison-KS)
12080 0600 VOA: EE: ID, international nx, then nx about Africa (444 7/26 Froemming-AZ)

CAMEROON

5010 0520 CRTV-Garoua: FF: Exited M DJ w/Afropops; strong signal but very low mod (333 7/28 ed.)

CENTRAL AFRICAN REPUBLIC

5033.8 0426 RTV Centrafricaine: FF: Open carrier to 0427 IS (three piano chords), 0430 NA, then M s/on amnts w/ID "ici Bangui", just beating the QRM tonight (222 8/14 ed.)

EGYPT

9475 0300 R. Cairo: EE: Discussion of Egyptian politics (333 7/27 McGuire-MD) M w/ID & upcoming features, into AA mx- poor mod (323 7/24 Bellovich-FL) "My Life is Beautiful", Qur'an, Warren Christopher (544 7/5 Bickus-VA) Egyptian mx, amnts about upcoming pgms (433 7/3 Pasquale-PA)

- 11560 1436 R. Cairo: Persian: AA mx- WRTH has no scheduled xmsn at this time, must be a change (353 7/14 Havrilko-GER)
- 11600nf 0305 R. Cairo: EE: Tlk on US Mideast policy after the Gulf War- this was a test freq for them earlier, really weak, //9475- on both audio was horribly overmodulated (242 7/21 WW-PQ)
- EQUATORIAL GUINEA**
- 5004.7 0515 RN de Guinea Ecuatorial: SS: Nice selections of hilife mx during continuous mx block (444 7/11 D'Angelo-PA)
- 6250 0529 RN de Guinea Ecuatorial: SS: Hilife & pop mx (incl record skip or problem w/tape!), tlk, anmts, TCs, IDs, QRN (pr-fr 7/10 Clar-NY) @2032 w/tribal drumming & chanting, M tlk, 2038 "R Nacional" ID, more drums (pr-fr 8/2 Famularo-JP)
- ETHIOPIA**
- 9560 1540 VO Ethiopia: EE: Continuous pop mx, 1558 ID, QTH & brief xylophone(?), into Amharic @1600- mixing w/co-channel R Jordan (pr+ 8/1 Famularo-JP)
- GABON**
- 4890 0530 RFI: FF: ID, M tlk (343 7/28 Froemming-AZ)
- 9580 2215 ANO: FF: Nx & views to ID @2216, sports @2218 (333 7/12 Hankison-KS)
- 11925 2130 RJ: EE: "Let's Learn Japanese", "Media Roundup" only started @2135- five min late, acct extra nx of Japanese election-heavy QRN/QSB (232 7/18 Westenhaver-PQ)
- 15475 1710 ANO: FF: Usual fare of Europop, Afropops, & DJ interruptions, ID @1715 (333 7/9 Hankison-KS)
- GHANA**
- 3356 0502 GBC-2: EE: Nx read by M, ID & UTC TC @0504 followed by organ mx & choir- booming signal (454 7/11 D'Angelo-PA)
- 4915 0010 GBC-1: EE: Nx w/story of complaints about Belgian troops in Somalia (322 7/7 Pasquale-PA) W w/ID "This is Radio One" @2023 (322 7/17 Havrilko-GER)
- GUINEA**
- 7125 *0558 RTV Guineenne: FF: IS, NA @0600, opening anmts w/ID, brief Qur'an, FF tlk, variety of Afr folk mx, FF pops & hilife, 0645 nx- beware of Italy/IRRS usually on this freq, but no sign of them tonight (?? 7/26 Alexander-PA)
- IVORY COAST**
- 11920 2225 RTV Ivoirienne: FF: M & W w/disc of new cartel of coffee producing nations, 2232 W ID w/ment Abidjan, into mx pgm incl choppy hilife, Afr reggae, FF pops, Prince cut-mixing with/slipping under co-channel RTV Marocaine until about 2300, a real cat fight until then (422/444 8/18 ed.)
- KENYA**
- 4915 0410 KBC (t): VN: Lots of regional mx, definitely not W Afr so can't be Ghana (222 7/27 Hankison-KS) African mx- possible ID by M (242 7/28 Froemming-AZ)
- 4935 0157 KBC: EE: IS, IDs, NA, s/on anmts, brief rlg tlk & insp, then pgm of pops, EZL, & soul, QRN/fading (pr 7/11 Clar-NY)
- LIBYA**
- 15415 1312 R. Jamahiriya: AA: M w/tlk in AA, ments of Iraq, ID @1313, then AA mx (444 7/11 Havrilko-GER)
- MADAGASCAR**
- 11655 0105 RN: EE: Story on the fine art of making condoms (222 7/27 Hankison-KS)
- 13705nf 1235 RN: Indonesian: Nx'to 1238, ID, M chat, then what seemed to be a Glenn Miller version of "Get Happy"- presume this replaces listed 13700- not too bad [not if you're a Glenn Miller fan, I guess- can anyone confirm a site for this freq?- ed.] (243 7/14 Westenhaver-PQ)
- MOROCCO**
- 9575 0830 R. Medi-Un: AA/FF: "Miami Vice" theme, US pop mx, ment of Senegal, M & W ancrs (343 7/18 Havrilko-GER)

15345 1334 RTV Marocaine: AA: M tlc in AA- another xmsn heard under them, with loud M in AA- //15335 (333 7/11 Havrilko-GER)

15410 1828 VOA: EE: "Africa World Tonight" w/rpt on hunger (354 7/15 Flynn-OR) IDs, nx, then "Agriculture Today" w/features on tropical rain forests- fading (443 7/3 D'Angelo-PA)

NIGER

5020 0515 LV du Sahel: FF: Pgm of local mx- strings, drums, flutes- tlc, anmts, IDs (pr-fr 7/10 Clar-NY)

NIGERIA

4770 2008 R. Nigeria-Kaduna: EE: Nx in EE, 2026 ID- hvy QRN, muddy audio (332 7/17 Havrilko-GER)

7255 2029 VON: EE: Nx pgm "60 Minutes", ARO QRM, weak signal (222 7/13 Lukas-NY) @0548 w/pgm on tourism in Nigeria (343 7/26 Froemming-AZ) Pgm notes, then played a tape at the wrong speed, the ancr apologizes, then rereads the pgm notes [fill that gap!- ed.] (333 8/6 Brown-IL)

RWANDA

9735 1540 DW: EE: Disc of international arms embargo on UNITA, IDed to E & C Afr, //21600 via Germany (fr 8/2 Famularo-JP)

11795 0229 DW: EE: Mx, ID, nx highlights (333 7/27 Hankison-KS)

11810 1400 DW: Amharic: IS & s/son w/ID, into nx (222 7/11 Hankison)

15135 2100 DW: EE: IS, ID, Rwanda ID in GG, nx- Bosnia accord reached, fighting continues (433 7/30 Brown-IL)

17800 1217 DW: FF: M w/nx items to 1227, ID w/Cologne QTH, very weak- was on this freq looking for Moldova in FF (RVI "Radio World" said it was here!)- confirmed Rwanda site per ID on 8/3 (242 7/27 Westenhaver-PQ)

SEYCHELLES

15325 0418 FEBA: AA: M long tlc in stilted accent, with a classical mx bridge or two, 0429 W w/closing anmt w/freq & address in Beirut, IS once, 0430*- good until BBC co-channel *0429 (343 7/31 Westenhaver-PQ)

15330 1500 FEBA: EE: ID, nx headlines w/Chinese missile sale to Pakistan, pop mx (252 7/21 Bagozzi-CA)

SOUTH AFRICA

3320 0320 Afrikaans Stereo: AK: Mellow mx w/M host (211 7/27 Hankison)

4945nf 1555 CA: EE: IS (1st time I've hrd the new version)/IDs, 1600 TPs, freqs, TC, Afr nx (fr-pr 7/16 Famularo-JP)

7185 0255 CA: FF: IS/ID in FF (222 7/3 Millard-TX) @0555 in FF: ID, mx pgm, //9520 (343 7/28 Froemming-AZ)

7230 0400 CA: EE: Nx w/threats of an embargo on UNITA movement in Angola (433 7/16 Bagozzi-CA) US threatens action in Yugoslavia, clashes w/US troops in Somalia (422 8/2 Brown-IL)

15220 0648 CA: EE: Academic theories of civilization in Africa, Afr nx headlines, ID, IS, 0655* (pr-fr 7/23 Famularo-JP)

SUDAN

7200 *0257 R. Omdurman: AA: IS, orchestral NA @0259, 4+1 TPs @0300 followed by W w/ID & opening anmts, Qur'an recitation beginning @0302 (454 7/27 D'Angelo-PA) Pre-recorded M w/nx features, W host, ID @0343 followed by chanting (433 7/28 Hankison-KS)

9165 1502 National Unity R.: EE: World/national nx, "March for Peace", "Hawaii 5-0" theme (242 7/29 Flynn-OR)

TOGO

5047.1 0530 RTV Togolaise: FF: M w/ID & nx, 0545 mx then more tlc (242 7/26 Froemming-AZ)

TUNISIA

11550 1420 RTV Tunisienne: AA: M & W w/tlc in AA, AA mx, over WYFR via Taiwan (444 7/10 Havrilko-GER)

UGANDA

5026 2015 R. Uganda: EE/SH: M tlc in EE, hilife mx pgm w/ID in SH by W @2030, more mx- faded out just before 2100 (fr-unusable 7/29 Famularo-JP)

AUSTRALIA continued...

19037.5 0345 AAFR: EE: "You're listening to the Top Ten countdown on Australian Armed Forces Radio"...0400* (353 7/15 Bagozzi-CA)
 USB
 21740 0102 RA: EE: Nx of monsoons in Nepal (323 7/27 Bellovich-FL)

BANGLADESHRadio Bangladesh

13615 *1230 RB: EE: IS; W frqs (still ann 13620 //inaudible 11705); nx of improving flood conditions in Bangladesh; strong signal but some audio hum (gd 7/26 Famularo-JPN)
 nf

BHUTANBhutan Broadcasting Service

5025 1419 BBS: EE: W nat'l & int'l nx; ID; employment anmts; nice signal on the ATS-803A (fr-gd 7/16 Famularo-JPN)

CHINAChina National Radio China Radio InternationalRadio Exterior de Espana relay

2340 1140 (p)FUJIAN-1: CC: CC inst mx--little t1k (332 7/24 Pimblett)
 4020 1250 CRI: KK: CC operatic mx w/occ short t1k (443 7/24 Pimblett)
 6260 1115 QINGHAI-1: CC: W intro to a capella folk singing...@ 1130 brief fanfare & (p) W ID; then M t1k; @ 1230 recheck found //3950 (pr+) (pr 8/1 Famularo-JPN)
 9620 1133 REE: SS: W nx briefs; @ 1135 carted ID & discussion of sports medicine; splash de (p)KGEI-9615; tough copy but definitely //11880--(p)via Costa Rica (232 7/23 ed.)
 9855 1102 CRI: JJ: CC lesson w/CC M/W & JJ W--seemed lower-level or slightly above; //11515 was barely audible (242 7/27 ed.)
 9945 *1000 CRI: CANTONESE: S/on routine (still using "The East Is Red"); then W nx; slight ute QRM but strong sig; this & //11695 (343) are beamed to Pacific per WRTH (433 7/17 ed.)
 11100 1055 (p)TAIWAN-1: CC: W acting in very strange style (as if she were trying to talk like a kitten!); CC trad mx bridge; 3+1 TP spaced every 2 secs for 1100; then M t1k; hrd trace of //9455 under CSM (242 7/29 ed.)
 11575 1449 CRI: (1)PASHTO: W tlks--Pashto listed here in WRTH '93; had "The East Is Red"--"I thought there was a new IS" (343 7/10 Havrilko-GERMANY) [EE has a new fanfare, but many other langs still have "EIR." Welcome to the column, Vince!]
 11815 1415 CRI: EE: M/W giving CC lessons (333 7/20 Langlois-FL)
 15195 1045 CRI: RR: CC lesson w/CC W/M & RR M; sked anmt; CRI's closing theme mx; 1056*; //7820 was very weak (242 8/2 ed.)
 17700 0100 (p)CNR-2: CC: CC lang tlks--no ID but no other CC listed here at this time (242 7/26 Froemming-AZ)

CYPRUSBBC relay

11845 1740 BBC: RR: Some sort of chanting; then EE lesson w/EE ID @ 1748 (222 7/14 Hankison-KS)
 15325 *0429 BBC: EE: ID as "BBC WS for Europe"; into "Europe Today" px w/nx headlines and nx magazine items (333 7/31 ed.)
 21470 1511 BBC: EE: Nx of UN arms inspectors withdrawing from Baghdad (242 7/5 Wakefield-IA)

FRENCH POLYNESIARFO Tahiti

15169.0 1214 RFO: FF: France-Inter relay (overnight) w/pop song; @ 1216 "France-Inter" jingle ID...a few mins later had M host chat w/little girl doing rooster imitations! (242 7/20 ed.)

GUAMKSDA KTWR

9530 1053 KSDA: (1)RR: EZL inst mx; @ 1058 M t1k in lang (RR listed 1000-1100); Russian HS stn co-channel went off abt 1259:30, so I could hear "KSDA, Adventist World Radio, Agaña"; then into choral mx (222 7/28 ed.)
 9785 0934 KTWR: CC: Dramatization w/SFX & lively insp. mx; //11665 (pr-fr 7/14 Clar-NY)
 9870 1155 KTWR: JJ: Bells IS to 1159; ID anmt; then very animated M/W chat; much QRN (242 7/27 ed.)
 11665 1048 KTWR: CC/EE: M CC t1k; 1058-1115 CC/EE retelling of Bible story; then W CC/EE telling of Aesop fable of Grasshopper & Ant; no ID but //9785 (242 8/2 ed.)
 11700 1158 KTWR: CC: Bells IS to 1200; "KTWR Agaña" ID; into px of W t1k; splash de RA-11695 (232 7/29 ed.)
 11805 0958 KTWR: RR: IS to 1000; M ID "Radiostantsiya KTWR Agaña Guam"; then W hosting px of EZL rlg songs; at abt equal level w/co-chan RMWS (232 7/25 ed.)
 15610 0058 KSDA: EE/BURMESE: EE M ID; @ 0100 into Burmese px w/W t1k and mx (242 7/27 Froemming-AZ)

[Instead of starting India with so little space on the page, I'll take this opportunity to correct an omission from last month's column: The Australian Armed Forces Radio information should have been credited to the 7/15 edition of "Media Network."]

INDIAAll India Radio

- 4990 0019 AIR: (p)TAMIL: Px of subcontinent mx & pops w/M tlc/anmts between cuts; 0045* (pr-fr 7/18 Clar-NY)
- 9565 1530 AIR: EE: W reading world nx--too weak for good copy (242 7/4 Flynn-OR)
- 9700 1330 AIR: SINHALA: Unmistakable Indian mx; then 10 mins of M tlc (111 7/17 Hankison-KS)
- 11620 2051 AIR: EE: W subcontinent vcsls w/sitar & percussion; ID @ 2100 (322 8/7 Cichorek-NJ)
- 15020.3 1405 AIR: SINHALA: Indian mx; tlcs; Sinhala listed here in 1993 WRTH (343 7/10 Havrilko-GERMANY)

INDONESIARadio Republik Indonesia

- 3905 1110 (t)RRI BANDA ACEH: IN: Long M/W tlcs till mx px @ 1130; weak & mixing w/co-chan R. New Ireland--but Banda Aceh listed in this time slot (pr+ 8/2 Famularo-JPN)
- 4881.2 1143 (p)SUARA KASIH AGUNG: IN: Inst mx (almost LatAm in flavour); M tlc (333 7/24 Pimblett-AB)
- 9675 1136 VO INDONESIA: JJ: W tlc; anmts/ID's; Indopops & Asian inst mx; QSB (pr-fr 7/18 Clar-NY)

IRANVoice of the Islamic Republic of Iran

- 11790 0215 VOIRI: SS: "Revista Economica" px; @ 0225 closing ID/skcd anmt; splash de DW-11785; //9022 was 232 w/much QRM but no QRM (232 8/4 ed.)
- 15260 0030 VOIRI: EE: ID w/frqs & address anmt; into nx; much QRM (312 7/27 Froemming-AZ)

IRAQRadio Iraq International

- 11805 2212 RII: EE: Cmty on US oppressing Iraq; lcl vcsls; @ 2224 W ID & address; annoying het/poor modulation (444 7/12 D'Angelo)
- 11812.2 2330 RII: EE: Tuned in to AA mx; then EE yak/ID's; up from 11810; very strong but so distorted that it was hard to tell it in EE! (??? 7/11 Alexander-PA)
- 15400 1454 RII: EE: AA mx; ID; nx leading w/anmt of upcoming speech by Saddam "to the nation and the whole world" ["Boy, I can barely contain my excitement!"]; BBC co-chan de *1500 (fr-pr 7/16 Famularo-JPN)
- 17940 1118 RII: EE: M tlc on "the great 1967 Revolution in Iraq" (i.e. when Saddam came to power); ID (fr 7/17 Famularo-JPN)

ISRAELKol Israel

- 9435 0400 KI: EE: Local & world nx (??? 7/23 McGuire-MD)
- 11587 1508 KI: RR: M/W w/CW [??] lessons in RR (454 7/10 Havrilko-GER) @ 1900 w/nx (433 7/17 Bishop-OH)
- 15640 1905 KI: EE: Nx of Mideast peace tlcs; ID (333 8/4 Brown-IL)
- 15650 2134 KI: EE: Nx abt Kurdish/Islamic terrorism in Turkey; hrd // 15640 11675 11603 11587 (333 7/3 Bellovich-FL)
- 17545 1012 KI: EE: World/lcl nx; @ 1015 "Talking Point"--should Israel tlc directly w/the PLO?; some QSB (242 7/20 ed.)
- 17575 1915 KI: EE: "Calling All Listeners" w/tlc abt the late singer Richard Tauber (454 7/11 Fraser-MA) @ 1925 w/"DX Corner" talking about the Sangean ATS-818CS; nx headlines by unfamiliar M (civil servants' strike hitting KI?); @ 1930 into FF (344 7/18 ed.)
- 17590 1303 KI: EE: Nx & economics tlc; ID; mx px (pr-fr 7/26 Famularo)

JAPANNihon Sw Ecsting Radio JapanRadio Canada Int'l relay

- 9595 0806 NSB: JJ: "Two W & one M w/long, gossipy-sounding talk punctuated with outbursts of exaggerated laughter"; //6055 (333 7/19 Wakefield-IA) [The usual stuff, eh?]
- 9660 1230 RCI: EE: S/on mx and bits of nx read by W--heard through QRM (211 7/16 Hankison-KS) [That was Claire Riley.]
- 11815 1730 RJ: EE: Interview on professional life of a foreign news journalist in Japan (333 7/14 Hankison-KS)
- 11840 1045 RJ: KK: W tlc w/many ments of Hokkaido & Hyogo prefectures; @ 1050 theme mx/ ID & into M tlc (243 7/26 ed.)
- 11865 1700 RJ: EE TP; s/on anmt w/ID; nx (433 7/9 Hankison-KS)
- 11875 1026 RJ: IN: IS w/JJ/EE ID's to 1030; longish version of "Sakura"; W ID "Inilah Radio Jepang" & longish anmt; M nx @ 1033; splash de 11870 (243 8/2 ed.)
- 11910 1017 RJ: JJ: M tlc; @ 1021 ballad inst mx bridge & into W tlc w/ many ments of Nagoya; very weak but definitely //6120 via Sackville (242 7/27 ed.)
- 17810 0030* RJ: JJ: Tail end of nx px and off (242 7/26 Froemming-AZ)

KIRIBATI

17440 0635 (p)RK: EE?: Pop mx; no ID hrd; "presumed to be Kiribati as 17440 is not used by many others!" (242 7/7 Robinson-UT) @ 0601 w/BBC nx followed by 1cl nx & employment notices; C&W mx...xmtr went dead @ 0716; audible in AM & USB modes but not in LSB (pr-fr 7/28 Famularo-JPN)

Radio Kiribati**KOREA, D.P.R.**

9345 1602 RP: FF: W nx; //9640 9977 (433 7/25 Pimblett-AB) [A good catch at that time of the day!]

9977 1031 RP: KK: Lively pop-sounding mx; M fervent tlk; then anthem-like military mx ["That's more like it!"] (pr-fr 7/8 Clar) @ 1138 in EE w/piece abt foreigners praising Kim Jong-Il, incl African song honouring the Dear Leader! (242 7/28 ed.)

11335 *1100 RP: EE: Usual s/on routine; nx; KK mx; cycle of stories abt the "Great Man" Kim Jong-Il ["I got up early for that?"] (fr 7/8 Clar-NY) @ 1138 w/"The Great Man of the Century" abt Kim Jong-Il; //9977 was slightly stronger--both were better @ *1100 (343 8/6 ed.)

21750h 0808 RP: KK: M/W nx ment Yugoslavia; choral singing; this is 3rd harmonic of 7250--also hrd 2nd harmonic on 14500 (pr) & even 4th harmonic on 29000! (pr) (fr 8/1 Famularo-JPN)

Radio Pyongyang**KOREA, REPUBLIC OF**

9640 *1200 RK: EE: S/on w/sked anmt; world nx; tlk abt computers (444 7/8 Robinson-UT)

15155 0645 RK: EE: Listeners' letters; s/off w/ID/IS (444 7/12 Robinson)

15575 0103 RK: EE: Nx that N. Korea & Iran have a joint agreement to develop nuclear weapons (444 7/16 Bagozzi-CA) [Lovely!!]

Radio Korea**KUWAIT**

9840 2250 RK: AA: Regional mx; ID @ 2255; then M/W tlk for five mins (possibly the news) (333 7/12 Hankison-KS)

13620 2015 RK: EE: M world nx; then Englebert Humperdink song (333 7/21 Langlois-FL) [The hits never stop on Radio Kuwait!!]

Radio Kuwait**LEBANON**

11530 1413 WOH: M w/testimony of his dying father; beamed to Europe (343/444 7/10 Havrilko-GERMANY)

Wings of Hope**MALAYSIA**

7295 1232 RTM RADIO 4: EE: M DJ playing oldies, incl "A White Sport Coat"--then later 3 John Denver songs in a row; not found at 1349 recheck (333 7/24 Pimblett-AB) [The hits never stop here, either!]

15295 0735 VOM: EE: W w/EZL pops px; UTC & 1cl TC's for 0800; ID & SEAsian nx; mixing with (but generally stronger than) co-channel Golos Rossiye (fr-pr 8/1 Famularo-JPN)

Radio Television Malaysia VO Malaysia**MARIANA ISLANDS**

9425 1208 KHBI: EE: "Monitor Radio" w/item on Judge Ginsburg; weak w/high QRN level but definitely //WSHB-9495 (232 7/22 ed.)

11650 1028 KFBS: RR: Closing px anmt w/German address; @ 1029 bells & chimes & RR "KFBS Saipan" anmt (343 8/3 ed.)

13615 0858 KHBI: EE: "KHBI Saipan" ID; world nx; tlk abt depletion of fish stocks; new frq? (gd 8/2 Famularo-JPN) [Their printed sked lists it as having started on 5/4.]

13625 1215 KHBI: EE: Piece on US Congressional opposition to Beijing hosting the 2000 Olympics (423 7/16 Hankison-KS) @ 1026 w/Rod MacLeish cmtly on Clinton's gays in the military policy; blocked *1028 by co-chan RFI/Montsinéry (242 7/23 ed.)

17555 1146 KHBI: EE: Mailbag; @ 1148 rlg message; @ 1154 frq anmt w/site ID; QRN & slight CW QRM (242 7/27 ed.)

KHBI KFBS**NEW ZEALAND**

6035 1738 RNZI: EE: Sports promo; ID "VO the Pacific, RNZI"; UTC TC; address/phone #; QSB in evidence (fr-pr 7/16 Famularo-JPN)

9700 1010 RNZI: EE: End of nx w/ID; then tlk w/NZ politician (454 7/8 Hankison-KS) [Also logged by Brown-IL, Cichorek-NJ, Fraser-MA, Robinson-UT, Wakefield-IA, ed.]

15120 0340 RNZI: EE: Rugby match w/16 mins to go--then break for nx (444 7/17 Brown-IL) @ 0350 w/rugby match between Western Samoa & a NZ team (444 7/27 Pimblett-AB)

Radio New Zealand International**OMAN**

11955 0128 BBC: EE: Pop mx px interviewing 2 "record" (CD?) producers; //15360 via Singapore (pr+ 8/2 Famularo-JPN)

15310 1353 BBC: EE: Motor racing cmtly; then other sports news by W (332 7/11 Havrilko-GERMANY)

BBC relay

PAKISTANRadio Pakistan

- 11570 1439 RP: URDU??: Mideast-style mx; ID @ 1445; Urdu listed on the frq but not at this hour (343 7/10 Havrilko-GERMANY)
- 15550 1700 RP: EE: Nx & wx; Qur'an readings w/EE translation (322 7/4 Pasquale-PA) @ *1656 w/IS to 1658; brief prayer; s/on anmt in Urdu; then @ 1700 EE ID/nx; 9570 ann as // but unheard (454 7/5 D'Angelo-PA)
- 17531.5 1354 RP: URDU: Subcontinent singing; @ 1400 "typewriter song" & ID; M/W t1k; slightly distorted audio; either new frq or way off-frq (17555??) (fr 7/20 Famularo-JPN)
- 17705 0101 RP: URDU: W nx; M ID/t1k; @ 0109 M vcl (not Qur'an); beamed to SEAsia (fr-gd 7/21 Famularo-JPN) @ *0227 w/tuning signal to s/on & ID/frq anmts; then slow-speed nx to 0246*; good signal but muffled audio; //17725 much weaker (353 7/5 D'Angelo-PA)
- 17900 0837 RP: EE: Px of trad Pakistani mx; M ID/frqs; @ 0847 into Urdu nx (fr-pr 7/11 Famularo-JPN)

PALAUVoice of Hope

- 9830 1020 VOH: CC/EE: Bilingual ID; then inspirational mx (312 7/25 Hankison-KS) @ 0955 on 9830.1 w/M CC t1k; 0959-1002 CC M/W anmts w/mx bits; EE anmt ment "broadcasting from the paradise island of Palau" & gave stn address (232 7/29 ed.)

PAPUA NEW GUINEA

- 3220 1220 R. MOROBE: PD: Choral harmonies (almost barbershop style, but w/a bit of a religious flavour) (232 7/25 Pimblett-AB)
- 3235 1217 R. WEST NEW BRITAIN: PD: Drama performance; PNG signals much weaker today than on the 24th (332 7/25 Pimblett-AB)
- 3275 1149 R. SOUTHERN HIGHLANDS: PD: M DJ w/"Hello Mary Lou" & other country oldies; great signal this AM (444 7/24 Pimblett-AB)
- 3315 0948 (p)R. MANUS: PD: M ancw w/Aussie C&W song; (p)dedication; more mx; just above noise level (222 8/8 Wakefield-IA) @ 1239 w/W DJ playing EE pop oldies (433 7/24 Pimblett-AB)
- 3395 1234 R. EASTERN HIGHLANDS: VERN: W DJ playing "some great island mx & some country oldies" (433 7/24 Pimblett-AB)
- 3905 1132 R. NEW IRELAND: PD: PSA by W over instrumental mx; then into the song "Hey, Good Looking" (444 7/24 Pimblett-AB)

PHILIPPINESRadio Veritas Asia VOA relay
Far East Bcst Corp

- 9520 1227 RVA: EE/UKRAINIAN: Usual 50's trumpet mx w/EE anmt to "stay tuned for the bcst in Ukraine" at 1230, which started off w/orchestral fanfare & ID (222 8/4 ed.)
- 9555 *0958 RVA: EE/VV: Trumpet IS; M ID/sk'd in EE; then into VV (232 8/8 Wakefield-IA)
- 9760 1219 VOA: EE: "Communications World" w/rpt on satellite TV in Southeast Asia (444 7/31 Brown-IL) @ 1235 w/ID in passing; rpt on "sustainable agrobusiness" (242 7/23 ed.)
- 11690 1008 FEBC: EE: Canned rig px w/lots on geography of Biblical sites; @ 1027 into promo for "Insight" px "here on FEBC... 11690 kHz"; high QRN level (242 7/19 ed.)
- 11995 1029 FEBC: EE/IN: Bilingual ID; IS; then off (333 7/25 Hankison)
- 15160 1444 VOA: EE: Sports rpt on Greg Norman winning the British Open (252 7/19 Lukas-NY)
- 15425 1238 VOA: EE: Magazine feature on US summer destinations (pr-fr 7/5 Clar-NY) @1310 w/W nx; ID; px abt ragtime mx (322 7/11 Havrilko-GERMANY)
- 15450 0130 FEBC: EE: Rig px--M/W t1k w/some mx (242 7/27 Froemming-AZ)

SAUDI ARABIABcst Service of the Kingdom of Saudi Arabia

- 15345 *1600 BSKSA: BENGALI: Ud IS to 1600; M ID & brief t1k; Qur'an recitation (gd 7/25 Famularo-JPN)
- 21495 0815 BSKSA: AA: Qur'an recitations to 0833; ID; M t1k; @ 0840 back to Qur'an (fr-gd 8/2 Famularo-JPN)
- 21665 0835 BSKSA: AA: Qur'an w/M cmtly (pr-fr 7/16 Famularo-JPN)

SINGAPOREBBC relay Radio Japan relay

- 7105 1604 BBC: TAMIL: 2 M t1k on S. Asian nations; @ 1610 ID & more t1k (fr-gd 7/8 Famularo-JPN)
- 11740 0515 RJ: EE: ID; "Travelogue" w/listeners' comments & a visit to the Kushiro wetlands in Hokkaido (pr-fr 7/22 Famularo-JPN)
- 11750 1129 BBC: EE: Px notes; "Composer of the Month" on 14th century French composers--mx w/strong religious overtones (333 7/11 Brown-IL)

[S93 sked for the RJ relays via Singapore (from RJ's printed sked): 0100-0300 on 11860; 0500-1000 on 11740; 2100-2200 on 6035 kHz.]

SOLOMON ISLANDSSolomon Islands Bcst Corp

- 5020 0920 SIBC: EE: W hosting EZL & island mx (132 7/25 Hankison-KS)
 9545 0440 SIBC: EE/PD: Sailing departures; tlk abt chain saw servicing
 & overdue loans; obits; PSA's (323 7/17 Foster-NC) @ 0836
 w/interview w/education official; TC "on SIBC" (222/333
 8/8 Wakefield-IA) [Also logged by Clar-NY, Robinson-UT, ed.]

SRI LANKASri Lanka Bcst Corp

- 11835 1115 SLBC: EE: Px of jazz & EZL inst mx; ID's & TC's (fr-pr
 7/18 Clar-NY) @ 1036 w/soft pops; @ 1055 ID & nx; "Thought
 for Today"; @ 1100 TC for 1630 (353 7/23 D'Angelo-PA)

SYRIARadio Damascus

- 12085 2030 RD: EE: M hosting px of AA mx (333 7/20 Langlois-FL)
 15095 2110 RD: EE: "This is R. Damascus, the bcst sce of the Syrian
 Arab Republic"; then nx & mx (333 7/21 Bagozzi-CA)

TAIWANFamily Radio relay Bcst Corp of ChinaVoice of Free China

- 9280 1547 FR: CC: Hymns & rlg tlks; off rather abruptly 1600* (444
 7/25 Pimblett-AB)
 9610 1148 BCC NEWS NETWORK: CC: M/W nx rpts; @ 1200 fanfare (same as
 after VOFC's CC opening ID); ID; the "They're off" passage
 from "William Tell Overture" & mx nxcast (242 8/13 ed.)
 11550 1425 FR: EE: ID & stn address; under RTV Tunisienne (322 7/10
 Havrilko-GERMANY) @ 1315 w/"Family Bible Reading Fellow-
 ship"; @ 1320 mailbag px (222 7/17 Hankison-KS)
 11860 1101 VOFC: (1)CHAOCHAU: ROC NA; then W tlk; lang per WRTW; very
 weak (242 7/23 ed.)
 11885 0445 BCC FM-1 RELAY: CC: M/W tlk; pops & vclds; @ 0500 3 low + 1
 high TP; ads/jingles; more pops; //9280 (pr), 15125 (fr
 w/QRM) (fr-gd 8/2 Famularo-JPN)

THAILANDVOA relay

- 7216 1713 VOA: EE: Nx of aid to Bosnia; ID; this is sked to S. Asia
 per info on "Media Network" (pr+ 7/22 Famularo-JPN)
 11785 1325 VOA: CC: EE passages xld into CC; musical ID & fanfare @
 1328 (433 7/17 Hankison-KS)
 11820 1235 VOA: CC: EE lesson on "Make a living in the US" (423 7/16
 Hankison-KS)

TURKEYVoice of Turkey

- 11895 2230 VOOT: EE: Px "Magnificent Istanbul" (444 7/19 Fraser-MA)
 15325 1339 VOOT: TK: Turkish mx; @ 1346 M/W tlk; "kicking RF tail w/40
 over 9" (555 7/11 Havrilko-GERMANY)
 15385 0437 VOOT: TK: M tlk ending w/ID; @ 0439 into usual sort of TK
 vocal mx; weak unid co-chan QRM (333 7/31 ed.)

UNITED ARAB EMIRATES VO UAE Abu Dhabi UAE Radio Dubai

- 11885 2230 VOUAE: EE: Px of US rap mx (544 7/18 Saarikko-NY) @ 2318
 w/ID; moderate co-chan QRM de R. Liberty (333 7/1 Lukas-NY)
 15305 2316 VOUAE: EE: ID: px "Studies in the Mosque" w/tlk on a famous
 Cairo mosque w/some great AA mx (434 7/4 Bellovich-FL) @
 2245 w/pop vocals; ID's (434 8/6 Cichorek-NJ)
 15315 1719 VOUAE: AA: Some sort of listener contact px--M/W chatting w/
 addresses given; finally ID @ 1744 (343 7/29 ed.)
 15395 1322 RD: AA: ID; then into lively AA mx (454 7/11 Havrilko-GER)
 17645nf? 1245 VOUAE: AA: W closing nx headlines w/ID; nx fanfare; M ID &
 tlk w/AA mx bridges; slight QSB (343 8/5 ed.)
 21570 1217 VOUAE: AA: AA trad vclds; @ 1228 brief W anmt w/ID...nx @
 1230; no // found (242 7/18 ed.)

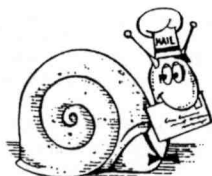
VIETNAMVoice of Vietnam

- 5925.3 1150 VOV NATIONAL SERVICE: VV: Western-style opera mx; W tlk; @
 1156 M ID; //10059 (fr-gd) (pr+ 7/25 Famularo-JPN)
 9839.9 1031 VOV: IN: W w/"Suara Vietnam" & anmt; then she read (p) nx;
 @ 1042 into M tlk (242 7/26 ed.)
 ¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶¶

My comments last month about DXing with teddy bears struck a re-
 sponsive chord with Richard Hankison, our new "Shortwave to Go" editor. As
 it turns out, his shack is inhabited not only by a teddy bear from Alaska,
 but also a stuffed alligator from New Orleans and a stuffed armadillo from
 Texas. Is this an indication of a new trend? (If so, how soon will Radio
 Netherlands do a documentary on DXing With Bears?) Just wondering....

Back next month....

73-Bill



QSL REPORT

Michael Fanderys
5618 Velma Avenue
Parma, OH 44129-1529

AFRICA

SEYCHELLES BBC: 15420 f/d ltr in 17 ds; v/s-Peter Lee (Brown-IL)
SIERRA LEONE SLBS: 3316 p/d ltr/sheet in 122 ds for 3 IRCs; v/s-
Joshua Nicol (Hankison-KS); Same in 1 month for tape/EE rpt
+ 2 IRCs (Clar-NY)

Be sure to check on Donald "Jack" Weber's info on the '93
special b'cast of Radio St. Helena this October...(ed)

ASIA

INDONESIA (Irian Jaya) FRI Sorong: 4875 f/d ltr & ppc in 78 ds aft
3rd f/up rpt & ms rp; v/s-Tien Widarsanto (D'Angelo-PA)
ISRAEL Kol Israel: 15640 f/d cd in 49 ds for IRC (Bishop-OH)
JAPAN R. Japan-NHK: 15325 ?/d "Shinto Shrine" cd in 63 ds + sked
(Pasquale-PA); 11875 n/d "Iris Garden" cd in 53 ds (Brown-IL)
SAUDI ARABIA BSKSA: 9870 ?/d ltr, sked, info in 96 ds for tape rpt
(Pasquale-PA)
TAIWAN VoAsia: 7445 f/d "Cathedral in Manila" cd in 32 ds (Brown-IL)
THAILAND VoA Udorn: 11785 f/d "Udorn Relay" map cd in 91 ds; v/s-
John Vodenik (D'Angelo-PA); 11820 "Tx Test" cd in 36 ds v/s-
John Vodenik (Millard-TX)
U.A.E. ABU DHABI UAE Radio: 15305 f/c ltr in 43 ds (Humenyk-ON)
R. Dubai: 13675 "Globe/logo" cd in 31 ds; v/s-Ahmed Al Muhai-
oles, C.E. (Humenyk-ON)

COMMONWEALTH/NON-C.I.S.

UKRAINE R. Ukraine Int'l: 7270 f/d "At the Well" art by Pimoneko cd
& sked in 91 ds for 2 ms (Robinson-TN)...Thanks Betsy, for art
card & info on Tennessee...(ed)

EUROPE

BELGIUM BRT: 9930 f/d "Van der Goeg painting" cd in 51 ds (Brown-IL)
BULGARIA R. Sofia: 9700 f/d "Building" cd, sked in 225 ds (Bellovich-
FL); 15330 f/d "Plovdiv" cd, sked in 39 ds (Bagozzi-CA)
FINLAND R. Finland: 15400 ?/d "Helsinki by Night" cd in 18 ds via
Hartford, CT (Humenyk-ON)
GERMANY Südwestfunk: 7265 p/d cd in 25 ds for \$1; v/s-Dr. Krank
(Pagano-DC); RFE/RL: 9520 f/d "Lamprtheim TX" cd in 23 ds
(Humenyk-ON); RIAS: 6005 f/d "Bldg" cd, sked in 33 ds/\$1(Millard)
HUNGARY R. Budapest: 9835 f/d "Parliament" cd in 29 ds for ms (Ro-
binson-TN); 11910 f/d "Logo" cd in 30 ds (Humenyk-ON)
ITALY RAI: 11800 n/d "Bernini statue" cd in 193 ds (Brown-IL)
NETHERLANDS RN: 6020 f/d "Floral" cd, decals, pennant, calendar in
21 ds (Millard-TX)
PORTUGAL RFE/RL: 15115 p/d "Gloria Tx" cd in 43 ds (Hankison-KS);
(Various freq.) f/d "Tx sites" cd in 24 ds (Humenyk-ON); VOA-
Gloria: f/d "Greenville Tx" cd in 32 ds (Humenyk-ON)
SPAIN China R. Int'l: 9690 f/d "Rooster" cd in 17 ds (Humenyk-ON)

NORTH AMERICA

CANADA China R.-Sackville: 11840 f/d "Rooster" cd in 23 ds (Humenyk-
ON)
CUBA R. Habana: 6010 f/d "Musicians/fountain" cd, FDCs won in World
of Stamps Quiz in 40 ds; v/s-Lourdes López (Robinson-TN)
GUATEMALA R. K'ekchi': (Freq?...4844.4v?)ed. f/d ltr, 5th Anniv pen-
nant, rpt form, sked for SS rpt + ms in ? ds; v/s-Ancelmo Cuc
Chub, loc./secretario (Robinson-TN)

NETHERLANDS ANTILLES TWR: 11815 f/d "QSL #2-1993" cd in 27 ds for 2 IRCs (Brown-IL); 11815/15345 f/d "Flamingo/Tower/Map of Bonaire" cd for last days Tx via Bonaire, decals, info, ltr in 30 ds for 2 IRCs; v/s-Sally Rork (Westenhaver-PQ); Same in 36 ds (Fanderys-OH)...Welcome to the column Bill! ed.

USA KGEI: 15280 f/d "San Francisco" cd in 154 ds; v/s-E. Peebles, Eng. (Humenyk-ON); KVOH: 17775 f/d "Map of World/Tx sites" cd in 148 ds for 3 ms + 1 f/up; v/s-David E. Laufer (Hankison-KS); WHRI: 13760 f/d "Logo" cd, sked in 97 ds for ms; v/s-Loren Holycross, Eng. (Bishop-OH); VoFC via WYFR: 5950/17750 f/d "Art by Orphans" cd in 47 ds (Humenyk-ON); VoA-Greenville: 7405 f/d "View of Wash. DC" cd, "Traveller's Guide to World Radio" book in 108 ds (Humenyk-ON)

OCEANIA

AUSTRALIA VL8T-Tennant Creek: 2325 f/d "Map" cd in 18 ds for \$1rp (Millard-TX); VL8A-Alice Springs: 2310 (same) (Millard-TX)... great catches Tom...ed.

AAFR: 12070.5 n/d ltr in 40 ds for 2 IRCs (ret.) (Watts-KY)...Welcome to the column R.C...ed; 12070 f/d pfc/ltr, sked in 3½ wks for 2 IRCs (ret.); v/s-Hugh McKenzie, Mgr. (Clar-NY)

GUAM KSDA: (var. freq.) f/d "Trumpet" cd in 171 ds (Humenyk-ON)

NEW ZEALAND RNZI: 15120 f/d "Lake Wanaka" cd, sked, decals, tourist info in 46 ds for \$1(Millard-TX); 9700 (returned reception report with hand stamp v/s) in 17 ds for 3 IRCs! (Brown-IL)

SOLOMON IS SIBC: 9545 f/d "Station crest" cd in 68 ds for 3 IRCs (Hankison-KS); Same in 3 months for tape/\$1 (Clar-NY)

SOUTH AMERICA

CHILE R. Esperanza: 6088.5 f/d cd/ltr, decals in 2 mos. for SS rpt & \$1; v/s-Alberto Higuera Martinez (Clar-NY)...nice one Jim!

COLOMBIA R. Buenaventura: 4836 f/d ppc/ltr, decal, stamps in 46 ds for SS rpt, ms (rec'd via regist mail); v/s-Mauricio Castano Angulo (D'Angelo-PA)...Great catch Rich!...ed

ECUADOR HCJB: 15155 f/d "Waterfall" cd in 30 ds; v/s-Glen Volkhardt (Millard-TX); 9745/17790 f/d "Santo Domingo Waterfall" cd in 59 ds (Humenyk-ON)

PERU R. Naylamp: 4300 f/d cd/ltr in 85 ds for SS rpt/\$1 (2nd reply to f/up Rich sent...see June '93 QSL REPORT...ed)(D'Angelo-PA)

PIRATES & CLANDESTINE

THE FOX: 7418 f/d "Fox" print cd in 88 ds for \$1; v/s-"Sly Boots" via Wellsville (Pasquale-PA)

HE-MAN Radio: 7415.4 f/d "Sun-spot Cycle: 1929-1990" sheet in 76 ds for 3 US ms; v/s-"He-man" (D'Angelo-PA)

WRAR: 7416.4 f/d "DJ Jazzy & Funky Chuck" in 75 ds for ms via Springfield, Missouri; v/s-"Funky Chuck" (D'Angelo-PA)

VOICE of PALESTINE (via RTV Algierienne): 15205 f/d ltr in FF for 3 IRCs, FF/EE rpt in 35 ds; v/s-Nael Isaain (Hankison-KS)

UTILITIES

ANTARCTICA Palmer Station (NHG): 11553 f/d pfc/KC4AAC QSL, 46 ds
CANADA CCGS Ann Harvey (CGAH): 2103.5 f/d pfc/ltr, 22 ds, v/s-G. Rendell, Exec. Off; MEXICO Britanis (Cruise Ship): 4098 f/d pfc, ltr in 23 ds, v/s-Efstathios Dimou; M/S C-elebration (Cruise Ship): 4131 f/d pfc/pc, 28 ds, \$1 rp; M/V Costa Classica (Cruise Ship): 12245 f/d pfc/pc, 100 ds, \$1; M/S Holiday (Cruise Ship): 8237 f/d pfc/ltr in 20 ds, \$1 rp, v/s-José Sandoval, CRO; M/V Horizon (Cruise Ship): 8270 f/d pfc/pc in 16 ds, \$1 rp; Majesty of the Seas, LAO14 (Cruise Ship): 8285 f/d pfc/pc in 12 ds for \$1, v/s-E. Fernberg, CRO; BAHAMAS M/S Nordic Empress (Cruise Ship): 8216 f/d pfc/ltr in 21 ds for \$1 rp, v/s-Michael Kannam, CRO; BAHAMAS S/S Norway (Cruise Ship): 8207 f/d pfc in 17 ds for SASE, v/s-Anne Lovine Lindjord; M/V Freedom Star (NASA SRB Rec. Ship): 5180 f/d pfc/ltr in 80 ds, SASE, v/s-David S. Fraine, Master; R/V Atlantias II: 6227 f/d pfc/ltr in 8 ds via Woods Hole addr., SASE, v/s-Harry D. Wilson; USAV James McHenry, AAFR: 6227 f/d pfc/ltr in 9 ds, SASE, v/s-Robert G. Taylor; USCG

Citrus (WMEC-300) NRPQ: 5696 f/d pfc, book in 84 ds for SASE, v/s-RM1 Javis; USCG Group Mayport, FL (NMA10): 2670 f/d pfc/ltr & CG Pride tag in 269 ds, v/s-RM1 G.K. Harris; USCG Ironwood (WLB-297) NRPN: 6200 f/d pfc/ltr in 13 ds, SASE, v/s-J.C. Durbin; USCGC Point Spencer (WPB-82349) NXFN: 5320 f/d pfc in 19 ds, SASE, v/s-XPO; USS Arleigh Burke (DDG-51) MARS: 14441.5 f/d pfc/ltr in 39 ds, SASE, v/s-CO & Zack Moreland; USS Bainbridge (CGN-25) MARS: 14441.5 f/d pfc in 32 ds, SASE; USS Bainbridge (CGN-25)NJUL: 7535 f/d pfc in 3 ds, SASE, v/s-ETC; USS Boulder (LST-1190)MARS: 14441.5 f/d pfc in 27 ds, SASE, v/s-Tom Cramer, RMC (SW/SS); USS Cape Cod (AD-43) MARS: 14441.5 f/d pfc/ltr/MARS QSL in 145 ds, SASE, v/s-ET2 Michelle Holly; USS Fahrion (FFG-22) MARS: 14441.5 f/d pfc in 48 ds, SASE, v/s-ETCS(SW) Dan Latourelle; USS Hue City (CG-66) MARS: 14441.5 f/d pfc/pc in 50 ds, SASE, v/s-Lt. John Fair; USS Sunbird ASR-15 (NUTA): 4134 f/d pfc/ltr/photo in 261 ds, v/s-CO; USS Thomas C. Hart (FF-1092) NTCH: 6200 f/d pfc/ltr/pc in 15 ds, v/s-Fred A. Cook; WOODS HOLE OCEAN. INST. (KXC-713): 6227 f/d pfc/info in 8 ds, v/s-Leonard Boutin, CO...(All...BAKER-OH)

USCG Group Moriches, NY (NMY42): 2670 f/d pfc in 6 ds, SASE, v/s-Larry D. Zim; USCG Greater Antilles Sect.: 5696 f/d ltr in 7 ds, SASE, v/s-T.L. Chirhart, CRM; CANADA M/V Iceland Rex (3ECV8): 16634 f/d sheet in 21 ds, ms, v/s-Rodolfo G. Canete, R/O; M/V Afric Star (ELHY2): 16717 f/d pfc/ltr in 29 ds for ms, v/s-A.B. Baria, R/O; SIERRA LEONE M/V African Azalea (D5FQ): 12495.5 f/d pfc in 28 ds, for IRC (ret.); VENEZUELA M/V Viva: 12502 f/d pfc/ltr in 18 ds for ms, v/s-Merlin Pallingayan,JC; M/V Rokos Vergottis (J4VE): 16684 f/d pfc/ltr in 27 ds for IRC, v/s-Nick Mortou, R/O; R/V Freedom Star (KRFB): 7765 f/d QSL in 9 ds for SASE; SS Galveston Bay (KLPN):16713.5 f/d pfc/ltr/ppc via Murmansk, Russia in 32 ds, SASE, v/s-Ralph E. Macy, REO; SS Matsonia (KHRC): 12478 f/d QSL in 12 ds, SASE, v/s-REO; USCGC Sherman (MARS): 14441.5 p/d QSL in 18 ds, SASE, v/s-RM3; SS Norway(C6CM7): 12236 f/d pfc in 15 ds, SASE, v/s-Lindjord,CR0; USCGC Morro Bay (NRWY): 8240 f/d pfc in 10 ds, SASE, v/s-I/C CO; USCGC Spencer: 8719 f/d pfc in 13 ds, SASE, v/s-C. D. Bonner, RMC; USCGC Sweetgum (NRQW): 5320 f/d pfc in 31 ds, SASE, v/s-Ens. K. Dunbar; OMAN USS De Wert (NRDW): 12317 f/d pfc in 21 ds, SASE, v/s-RM3 Joe Atkins; USCG Group, Fort Macon (NMN37): 5320 f/d pfc in 8 ds, SASE, v/s-RM1 Collin Johnson; USS Doyle (MARS): 14441.5 f/d pfc/dec in 11 ds, SASE, v/s-G.F. Hogarty RMCS; USS Thomas C. Hart (NTCH): 6200 f/d pfc/ltr/ppc in 11 ds, SASE, v/s-F.A. Cook, CRM; USCG Air St. Cape May (NMK): 5692 f/d pfc/ltr in 10 ds, SASE, v/s-S.A. Nystrom, RMC; USCG Air St. Traverse City: 5692 f/d QSL in 10 ds, SASE, v/s-RM1C; USCG A/C 6009: 5696 f/d ltr/photos/print in 5 ds, SASE, v/s-Comm. Wm. M. Hayes, Ex. Off.; USCG A/C Rescue 1713: 5696 f/d ltr/info. in 14 ds, SASE, v/s-AT2 G. J. Lewis; USCG CommSta. Boston (NMF): 2670 f/d QSL/ltr/info. in 30 ds, SASE, v/s-R. Gamache RM2; USCG A/C 2130: 8984 p/d ltr in 8 ds, SASE, v/s-LTJG C.S. Bazzano...(All...Navary-VA)...welcome to the column Jim!...eed

USCG CommSta Miami: 5696 f/d ltr in 19 ds, SASE, v/s-T.E. Cruddas, RMCS; USS Samuel Gompers (AD-37): 14441.5 f/d pfc in 180 ds, SASE. ... (both...Clar-NY)

POLAND Szczencin Radio SPO 62: 13182.8 (10 KW omni) f/d ltr in 3 YEARS!!! for \$1 rp...address: Panstwowa Agencja Radio Komunikacyjna Zarzad Krajowy 01-211 Warszawa Ul. M. Kasprzaka 18/20 POLAND

...A veritable "FLOTILLA" of utility QSLs this month...my Smith-Corona almost hoisted the white ensign!! Just received the latest "TUNE-IN" from Deutsche Welle...completely redesigned, more of a magazine format than before...very nice. Have also been to a few "hamfests" this summer, check them out in your area, electronic & SW-related items tend to always show up at every one. Until next month...

73s, 55s, Best of QSLing,

Mike

Sked Row

from the Shortwave Paradise BBS, (305) 524-1035
Dale Vanderpoel, Proprietor

RADIO TASHKENT- (English) Till Sept. 5th, 1993
49 Khorezm St.
Tashkent, Uzbekistan

Time	Freq
0100-0130	5955, 7325, 7335, 9740
1200-1230	7325, 9715, 15460, 17815
1330-1400	7325, 9715, 15460, 17815

PROGRAMS ON RADIO TASHKENT

At Listeners Request: Mon 1200
Information-Musical Program: Tue 1200, 1330
Life in the Village: Wed 1200
Business Club: Wed 1330
Youth Courier: Thu 0100
Musical Program: Thu 1200; 1st, 3d, 4th Sun 1330; 2nd Sun 1200
Munosabat: 4th Thu 1330; Next 1st Thu 1330; 2nd Sat 0100
Man and Faith: 2nd Thu 1330; 3rd Thu 1330; 1st Fri 1200; 2nd Fri 1200; 4th Fri 1200
Assalom Aleikum, Asia! 3rd Fri 1200, 1330
Saturday Night: Sat 1200
DX Program: 2nd Sat 1330; 3rd Fri 0100
The World of Literature: 3rd Sat 1330; 4th Sat 0100

RADIO SOFIA/BULGARIA-English broadcast schedule till Sept.25,1993

Bulgaria: Radio Sofia is now interchangeably using its new name, Radio Bulgaria in some carts. New summer English schedule announced:

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

AWR (English) WORLDWIDE Till Sept.26th, 1993
via: ShortWave Paradise
Call: 1-305-524-1035
Worldwide Commerical computer system

AWR-Worldwide
12501 Old Columbia Pike
Silver Springs, MD 20904-6600 USA

AWR-Africa
08 BP 1751
Abidjan 08
Ivory Coast

AWR-Asia
PO Box 7468
Agat, GUAM 96928 USA

AWR-Latin America
PO Box 1177
4050 Alajuela, Costa Rica

AWR-Europe
PO Box 130208
64242 Darmstadt,
Germany

AWR-Russia
Box 170
Tula-Centre 300000
Russia

AWR- To North America
Time Freq Station

1000-1300 9725 Costa Rica

AWR- To Africa (Sat-Sun Only)
1200-1300 11780 Africa #1, Gabon
1700-1900 13720 Guam

AWR- To Central America, South America
0000-1000 11870 Costa Rica
1000-1300 5030 Costa Rica
1000-1300 9725 Costa Rica
1000-1300 13750 Costa Rica
1500-1700 13750 Costa Rica
1900-2300 5980 Costa Rica
2300-0000 11870 Costa Rica

AWR- Europe
0430-0500 15125 Moscow
0630-0700 7210 Forli
0930-1000 7230 Forli
1600-1630 15125 Moscow

AWR- To South Asia
0200-1300 11855 Novosibirsk
1700-0100 13720 Guam

AWR- To Southeast Asia
0200-1100 11855 Guam
2300-0000 15610 Guam

Current DX News gathered from FIDO-NET message Echo and edited by ShortWave Paradise, Ft. Lauderdale, FL (Edited August 17th,1993)

From: Marc Vissers, Radio Slovakia

The transmitting sites are both located in Slovakia, more specifically (V)elke Kostolany and (R)imavska Sobota. The (uncomplete) frequency schedule with sites is as follows : 0100-0127 English, 0130-0157 Slovak, 0200-0257 French to North America on 5930(R), 9810(V), 7310(V) and at 0130-0157 to South America on 9580(R).

From: Paul Brems, Radio Budapest

In the last few days I heard a new broadcast from Radio Budapest in Hungarian, beamed to (as far as I understood) Australia and New Zealand, at 0930-1100 UTC on 15160 and 17770 kHz. This broadcast is not mentioned in the WRTH93 and seems to be an extension of the existing schedule. Although most Radio Budapest broadcasts are on three frequencies, I could not find a third frequency for this one.

From: Marc Vissers

Hello and welcome to Radio World. There seems to be a slight panic in radio and television broadcasting circles in Russia. This is what I gather from reports in the latest issue of World Broadcasting Information, the weekly publication of the BBC Monitoring Service. The first deputy chairman of the Ostankino television and radio company, Mr Kirill Ignatyev, said on Ostankino Channel 1 TV in Moscow on 14 July that the present situation was characterized by the fact that the television and radio companies were not receiving the necessary money from the state, but they had not been given the opportunity to become independent of the state, self-financing and economically free. As a result the viewers could end up without television and radio channels by September, according to Mr Ignatyev. Of more direct importance to shortwave listeners is the threat hanging over Radio Moscow International. On that same fourteenth of July the Russian Communications Ministry suggested sharp reductions in the transmissions for listeners abroad. Almost the entire Russian foreign service would be threatened. Once again, Mr Ignatyev came to the defence of Ostankino and its division Radio Moscow International. RMI is doing a very important job, he said on Radio Moscow World Service in English. "How else can one get the latest first hand information about the situation in dynamically changing Russia?", he wondered. And on 21 July the chairman of Radio Moscow International, Mr Arman Oganessian, appeared on a morning television programme and strongly defended his company. Radio Moscow International, which today broadcasts in 46 languages and which can be heard all over the world, has changed entirely lately, he said. Instead of propaganda there has come objective information, the dissemination of knowledge and presentation on the international arena of natural state interests which every country has, Mr Oganessian said. He further claimed that 100 million people in all countries of the world listen to RMI programmes regularly. So far for Radio Moscow International.

Last week I told you about Radio Moldova International. For lack of time I did not include the Spanish-language programmes. Listeners who tune in to our Spanish-language programme "Aqui Bruselas" might already have heard the details of these transmissions in the DX programme of my colleague Ximena Prieto. The schedule is as follows: Spanish to Europe from 1100 to 1125 UTC on 15105 kHz, as monitored by our man in Antwerp, Eugene Gebruers. He made a recording of an announcement by Radio Moldova International in Spanish last week, and although reception quality was very poor Ximena Prieto thinks she hears the station wrongly announcing 15159 kHz instead of 15105 kHz. A second programme goes out to Europe in Spanish, from 2030 to 2055 UTC on 15220 kHz. This is announced in the recording we have as 15229 kHz. There's also two transmissions to Latin America: a first one from 0030 to 0055, or as on the day Mr Gebruers made his recording, until 0058 UTC, on 15135 kHz. So far Eugene has not checked this frequency, but that's what the station announces. And a second transmission to Latin America goes on the air from 0900 to 0925 UTC on 9510 kHz. Incidentally, this latest BBC Monitoring Service publication carries the schedule of Radio Moldova International, in French, Spanish, and also Romanian. That's two daily transmissions to America : from 2230 to 2255 UTC on 15220 kHz and from 1200 to 1225 UTC on 15335 kHz. It's up to you to verify that...



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 44515-3844

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OFFUTT AFB, NE -SUNN (Speedx Utility Notes News)

Welcome to another month of Utility Notes! I started this column at Offutt AFB, NE, where I spent two days for their annual open house and air show. We got there in time for "ZOOMIE 42", a Schweizer TG-7A training glider from the Air Force Academy, to land for the show. Also present was QUAIL 80, a T-1A Jayhawk specialized pilot trainer, 64th Flying Training Wing (FTW), Reese AFB, TX, a DRAGON or HAWK callsign B1-B from Dyess AFB, TX, a CUJO or RISKY callsign B-52G from the 34th BS, and BLUE ANGLE 01 through 09. The 09 is the C-130 support aircraft. There were of course many others, many of these callsigns are heard on the GHFS (Global High Frequency Station) frequencies, Offutt being one of the GHFS stations.

Got to talk to a lot of the crews, including the crew of a 412 (Transport) Squadron Canadair Challenger (tail 144616) based at Ottawa. They did confirm the proper radio callsign of Canadian Forces aircraft to be "CANFORCE". Some have debated the term being CANFORS, despite CANFORCE also being listed in the "tower" ICAO voice callsign lists. This is a VIP transport squadron, who uses the callsign CANFORCE 01 when transporting the Prime Minister of Canada, as does any Canadian Forces aircraft. When not transporting the PM, these aircraft use the 3700 numeric series for VIPs.

We drove out to the various Offutt annex communications centers located in the area. First stop was Elkhorn, NE, location of Annex 2, the transmit site for Offutt GHFS. The antennas, about 3 conical and 6 others, were all surrounded by cornfield's. Next was Scribner, NE., where a sign directed us to "Scribner Air Base". Well, Scribner Air Base was an abandoned air field for the most part, but sure enough we found the Offutt GHFS receive site. There were only one conical, and two of the LPH-89 antennas. After that, a failed attempt to find Annex 3, listed in the book "Nuclear Battlefields" as in Hooper, NE. (any idea's?).

The next day the VLF transmitter site at Silver Creek, NE., was located. Built in the 1950's, this was a SAC airborne command post ground entry point, or GEP, where they were capable of beaming the multiplexed (MUX) wide-band FM signal used for communications for links with the autovon/DSN military telephone net. The VLF system is used to maintain comms between the bombers, missile sites and other Strategic Command (STRATCOM) assets. This was a large single tower with a large insulator at the base, with a tunneled entrance visible below it. The tower supported what looked like strings of insulated wire antenna on the upper third, or half. There were also several VLF loops visible, probably used to receive GWEN (Ground Wave Emergency Network) VLF signals. Also a lone HF conical antenna could be seen, and what may be a UHF wide band MUX antenna on the tower. With SAC gone, the sign at the gate showed the facility as 1 ACCOOMG, USAF. This site sends out STRATCOM coded data on 58.5 Khz. It's also in the middle of a cornfield, quite away back from the public road we sure stayed on due to the other signs.

What kind of signs could so easily prevent your illustrious editor from "digging" deeper for this story? How about "Use of Deadly Force Authorized", a lot more sterner than the typical "subject to search" signs seen at the other sites!

The USAF has undergone some major changes in it's structure in the last year. More than in it's previous 46 years! Next month I'll try to recap some of these changes for you military UTE folks, as many do effect what we listen to, now back to our regularly scheduled column...

We have a ton of information to pass along so let's get to it. Jim Navary (VA) came up with another mystery station.

Maritime Packet Racket By Jim Navary

"I captured the text which follows from 0325 - 0420 UTC on 16 June 93. These were packet radio transmissions (300 baud) on 6262.0 (zero beat freq.) in the maritime service band, any ideas?" Below is a small sample of what Jim sent:

```
YP683>NAMACS <C> I "NAMACS" stands for Navy Modular Automated Communications System, Ed]
YP680*RELAY>APRS:
@152322/3857.78N/07626.40W/155/0.0/SATNAV Fix
CHLNGR :SEE YOU IN AM - CHECK NAMACS FOR A MSG FROM LT A.(2
YP690*RELAY>APRS:
@152339/3857.97N/07625.93W/217/0.0/SATNAV Fix
YP694*RELAY>APRS:
YP689:HELLO, IT'S DEB ...HOWS EVERYTHING ON THE 89(1
YP679*RELAY>APRS:
@160000/ANCHORED, CLEANING, AND WONDERING
```

When Jim first sent this to me, I thought these may be aircraft due to all the "SATNAV Fix" entries. Due to the reference to NAMACS, I knew this had to be Navy comms. I asked Jim to send some more data, which he did the next day:

SATFAC-8>RELAY*>BEACON:

@251000/Just talked to Newport RI on 6,8 & 12. 12 was best

OCEAN*>RELAY>APRS:

@260303/3901.93N/07616.48W/175/0.0/SATNAV Fix

YP693*>RELAY>APRS:

@260258/4127.91N/07034.51W/107/7.5/SATNAV Fix

DANDY*>RELAY>APRS:

@260032/DANDY HEADED NORTH, NICE RIDE DOWNWIND WINDS 24.5 TRUE

Jim added a little info for the "packet dumb" (me). "The first line of each transmission is a sort of routing and ID header. The first ID is the originating station. In this batch we have four different stations originating traffic (SATFAC -8, OCEAN, YP693, and DANDY). The last ID on the header line (BEACON, and APRS) is the station the packet is intended for. In the ham world, and it appears to hold true here, BEACON is a broadcast transmission. With ham packet, BEACONS are generally automated to be sent every "nn" minutes. Usually used to announce the presence of a BBS station or a digipeater. Looks like these guys are using it for traffic meant to be copied by all on their net. The middle ID (RELAY) is just that - a relay station or digipeater (digital repeater). The asterisk indicates which station in the link you are actually copying (it is appended by the receiving software, not sent by the packet station. So, in the first case, I copied "RELAY" rather than SATFAC-8. It seems strange that I never heard any "acknowledgment" packets being returned by the receiving stations. This makes me think that there is another duplex freq out there. The six digit number at the beginning of the second line of each packet (e.g., @251000) seems to be a date/time group with the month "understood" (1000 hours on the 25th). Some of these DTGs were reasonably close to the actual time (local time for EDT). These first four packets were received shortly after 0700 UTC (0300 EDT). What is confusing is that some of them are not remotely close to the actual time. Seeing how some of them are repeated throughout the night, perhaps they are truly "beacon" type messages sent periodically, over and over":

YP681*>RELAY>APRS:

@260137/IN VINEYARD SOUND, CONDITIONS NORMAL

YP693*>RELAY>APRS:

@260303/4127.91N/07034.51W/107/7.5/SATNAV Fix

YP694*>RELAY>APRS:

@252305/PIA MOORED PIER 17 NY, ALL'S WELL ALL SYSTEMS GO ON ALL BOATS.

@260059/A4/CDO A3 AND A4 WILL MOVE TO PIER 17NORTH IN MORNING

OCEAN*>RELAY>APRS:

@251926/OCEAN ANCHORED IN CHESTER RIVER. A-OK.

YP689*>RELAY>APRS:

@252045/INPORT NAVSTA BASIN. MONOTERING ALL BEACONS.

SATFAC-8>RELAY*>BEACON:

Based on this new data, it became apparent that we were dealing with things that float, not fly. Then it stuck me that those YP numbers did look a little familiar. YP are seamanship training craft! They are kind of all-around craft...and can also be used as patrol vessels, diving tenders, and mine countermeasures. These craft resemble a large commercial ocean-going cruiser. They have a wooden hull with aluminum superstructures, and displace 172 tons with a full load. Speed is 12 knots with a range of 1,500 nautical miles. Status of YP680: Assigned as seamanship training vessel, Naval Academy, Annapolis, MD. I checked all the other "YP" numbers Jim picked up, and sure enough, they are all valid numbers, all assigned to Annapolis. This system may be used at Annapolis to keep track of the YP's. Another good catch. Thank's Jim, and welcome back to Speedx!

New Products

Just in from Klingenfuss Publications, Germany, is their July 1993 line-up of publications on utility radio stations. Brand new is the Compact Disc Recording of Modulation Types (1st edition). This a double CD containing various types of electromagnetic emissions recorded recently by a professional monitoring service in Europe. These two CDs allow the identification of all present emissions of utility stations transmitting on SW and cover a total of 2-1/2 hours.

71 different recordings cover speech, morse, facsimile and teleprinter systems such as ACARS, Arabic, ARQ-E, ARQ-E3, ARQ-M, ARQ-N, ARQ6, ASCII, ATU-Arabic, AUTOSPEC, bit inversion, CIS, Cyrillic and third-shift Cyrillic, DUP-ARQ, FEC-A, GOLAY, HC-ARQ, HNG-FEC, ITA2, ITA5, MCVFT, NATO Link, Packet Radio, PACTOR, Piccolo, POCSAG, POL-ARQ, QAM, RS-ARQ, RUM-FEC, SI-ARQ, SI-FEC, SITOR, SPREAD, SWED-ARQ, and TWINPLEX.

The digital recording technique is suppose to prevent any play-back speed deviations. While I haven't heard these disc's, the reputation of Klingenfuss, especially in these areas of RTTY and FAX, is very good. All this can be yours for DEM 100 plus DEM 10 for overseas airmail. I'm not up on the current conversion rate, but I'm sure the normal distributors will have these available here in the U.S. and elsewhere.

Also, new editions are out for their Guide to Facsimile Stations (13th edition) and the Air and Meteo Code Manual (13th edition). Guide to Facsimile has reportedly been "drastically" modified with new and revised station information for a large number of stations, and now contains 337 sample charts and pictures. Air and Meteo explains the new revised aeronautical code forms ARFOR, METAR, ROFOR, SPECI, and TAF used since July 1, 1993. This book also includes station index numbers and ICAO location indicators and aeronautical company designator's.

Other publications for the UTE available include Guide to Utility Stations (11th edition January 1993), Compact Cassette Recording of Modulation Types (5th edition June 1989), Radioteletype Code Manual (11th edition January 1993), and Guide to Former Utility Stations (5th edition July 1991). For more information write Klingenfuss Publications, Hagenlher Str.14, D-72070 Tuebingen, Germany.

U. S. NAVY

If the Defense Base Closure and Realignment Commission recommendations stand, the Navy will close two major installations, Charleston Naval Shipyard, S.C. and Mare Island Naval Shipyard in Vallejo, CA. The Navy would also close six air stations, four naval stations, 12 technical centers, two training centers, three aviation depots, 35 Naval and Marine Corps Reserve Training Centers, two hospitals, and 32 Naval and marine Corps data processing centers.

Ship News

In other news for military UTE's, the Navy has: Decommissioned the USS Iwo Jima (LPH-2) after 32 years of service; commissioned the Fleet Missile Ballistic Submarines Nebraska (SSBN-739) and Rhode Island (SSBN-740), the 14th and 15th of 18 Ohio-class subs to be built. U.S. Navy Arleigh Burke-class Aegis Guided Missile Destroyers: USS John Paul Jones (DDG 53): Recently completed sea trials. Taking on fuel and munitions. Should depart Bath for commissioning in the next month, possibly to Norfolk, VA. USS Curtis Wilbur (DDG 54): On sea trials. USS John S. McCain (DDG 56): Launched, fitting out. USS Laboon (DDG 58): Launched, fitting out. USS Paul Hamilton (DDG 60): Launched July 24, fitting out. USS Fitzgerald (DDG 62): Building. Superstructure work being done. Will be launched December 11. USS Carney (DDG 64): Preparations for keel laying. USS Gonzalez (DDG 66), USS The Sullivans (DDG 68), USS Ross (DDG 71), and unnamed DDG 72 are planned. DDG 75 and DDG 76 should be ordered soon.

U. S. AIR FORCE

The Pentagon's efforts to help fight the nation's drug war is under review because of an overall examination of counter-drug programs. The review is expected to take about two months and will examine all aspects of the Department of Defense's counter-drug program.

The review comes at a time when some critics "have questioned the effectiveness of military efforts, particularly in air and sea interdiction of illicit drug flow". Air Force E-3 AWACS aircraft are one of the many command and control systems that routinely spend hundreds of hours searching for airborne drug smugglers. The aircraft augment the federal government's counter-narcotics detection and monitoring programs in the Caribbean, the eastern Pacific and around the world.

The Air Force also manages the Caribbean basin radar network, which is a string of high-tech radars that can track a target aircraft until it is met by U.S. agents or host country authorities. In addition, the Air Force helps train federal, state, local and foreign law enforcement officers.

The Pentagon's counter-drug program -- coordinated by the Office for Drug Enforcement Policy and Support -- involves all the military services, the five geographic military commands, the National Guard Bureau, and agencies such as Defense Intelligence and Defense Security Assistance. Although the Pentagon played a small role in the national anti-drug efforts until 1989, the tempo has grown by more than 250 percent since 1990.

Operational F-15E Squadron

The 492nd Fighter Squadron at RAF Lakenheath, England became the only operational F-15E squadron in Europe with the arrival in June of its 26th aircraft. The F-15E Strike Eagle replaces the F-111F previously flown by the 48th Fighter Wing. The wing's F-111s were transferred to Cannon AFB, N.M., with the last F-111 departing in December. The wing's 494th Fighter Squadron also is converting to the F-15E and currently has 19 of its 26 aircraft.

T-3A Rollout

Air Force officials attended a rollout ceremony for the T-3A Firefly at the Slingsby Aviation Limited of Great Britain manufacturing facility in York, England, July 8. The T-3A will replace the T-41 trainer currently used to evaluate Air Force Academy cadets and pilot candidates for fighter or transport career tracks. The Air Force is buying 113 of the enhanced flight screeners and will accept the first two aircraft in November. The other 111 will be delivered over the next 25 months.

U-2 Supports Flood Relief

The 9th Wing at Beale AFB, CA., sent a U-2 high above the Mississippi and Missouri rivers July 13 to get photos of the flood-ravaged Midwestern areas. To date, the U-2 has made four photo reconnaissance flights at the request of the Federal Emergency Management Agency and the U.S. Army Corps of Engineers.

Base officials said the U-2 will continue flying these missions to detail the extent of the damages and allow for future studies of the Midwest river channels.

U. S. COAST GUARD

Gremlins

The "gremlins" got into last months column, and in Jim Navary's information on the Island-class WPB's the Knight Island is shown both as WPB-1347 and WPB-1348. The Knight Island is WPB-1348. There is nothing shown for the 1347, but as Jim recently heard the Pea Island, I would agree that it's probably the missing WPB-1347.

A few other new addresses for cutters are: USCGC Point Baker (WPB-82342): P.O. Box 488, Sabine Pass, Tx., 77655-0488, and USCGC Mariposa (WLB-397), c/o CG Support Center, 1519 Alaskan Way South, Seattle, WA, 98134-1192.

One last point of interest is a couple new frequencies for the U.S. Coast Guard in Operation Able Manner (Haitian Refugee Op's). 7626 Khz seems to be primary with 5223 stated as secondary, but nothing heard there yet. Both USB. 7626 is suppose to be tactical channel ID "3 Echo 10" (3E10), while 5223 is "3 Echo 5" (3E5). Cutters are using plain ID by name, while aircraft have been using tactical callsign's.



U.S. Army

Yes, we have news on the Army this month! I have been listening to comms for months on 6227. Khz, USB. I've found this to be the U.S. Army Transportation Corps, at Fort Eustis, Va., primary

An odd choice as it's a limited coastal station frequency! The AAC in comms with, is listed in Gayle Van Horns' International Callsign Directory as USAV Bunker. I strongly suspect that it's either a For Eustis Transportation Corp callsign, or the 10th Battalion's callsign. It's apparently a shore station, the ships always check in there and tell them to secure their guard for the day. The Transportation Corps is the Army's, Navy.



Marine/Non-Military Ships

Also on 6227 Khz I caught the R/V Atlantis II in comms with the Woods Hole Oceanographic Institute, Atlantis is a Woods Hole research vessel. Atlantis II carries the DSV "Alvin", which you may remember found the wreck of the Titanic. They sent a ton of information of their ships, and the Woods Hole Oceanographic Institute. I'll try to pass more on next month.

Ships Callsign's By Robert Hall, Capetown, RSA

"Many months ago I asked where I might buy a list of Ship's Callsign's; the question was posed in a number of publications and was followed by a pretty long "hush"! A search through UK libraries and book shop's was commissioned, and enquiries made with famous "Janes Publications". At last a kindly SWM reader came up with a good bookstore address and at the same time I followed up on another suggestion (by Fred Osterman of Universal Radio) to write to: "Union Internationale Des Telecommunications, Place des Nations, CH-1211 Geneva, Switzerland".

"The ITU replied immediately with a pamphlet giving interesting details of all their many publications and their prices. For GBP60 they airmailed me some 10 kilos (yes, kilos!!!!) of Ships Callsign and Name Lists, and each month I receive updates - also by airmail but weighing only around 1/2 kilo! This seems a very good value to me especially since I have now heard that the same material is being sold in the UK for GBP130 plus postage (cost of 10 kilos by airmail - the mind boggles!!). Ships Callsign and Name Lists provide interesting detail for RTTY buffs equipped to receive the SITOR A & B modes".

Thanks Robert. The new 1993 ITU ship callsign book "List of Ship Stations - List V, 33th Edition" plus supplements, has just been released. For \$85.00 you can order this "little" gem from the ITU, as Robert describes. Payments should be made out to the General Secretariat of the ITU. Bank info is: Swiss Bank Corporation, 2 rue de la Confederation, CH 1204, Geneva, Switzerland. Account no. C8-765.656.0. This would be used for a Chemical Bank International check, or for a postal check use: account no. 12-50-3 Geneva.

Tale of a Ship

In a recent veri letter, Efsthios Dimou, Chief Radio Officer and Dionysios Apostolatos, 1st Radio Officer of the S/S Britanis sent copies of an article from a 1957 magazine, whose name I can't make out.

The article, written by Edward F. Oliver, "It Happened on old Monterey" tells a fascinating WWII story of the present day Britanis, which is the ex-Monterey.

Pressed into service as a troop transport ship during the war, the ship was part of a convey (KMF-25A) bound for a Naples. On November 6, 1943, the convey was attacked by several waves of German aircraft.

Although the Monterey was not hit, several other transport ships were, including the S/S Santa Elena. The article goes on to describe in great detail what the author describes as "one of the greatest sea adventures of the war", the rescue of more than 3000 troops and merchant crew from one troop ship by another, at night and without a single casualty.

The ships peacetime Captain, who remained at the helm during her war years, Elis R. Johnson, received the highest award that can be bestowed upon a member of the American Merchant Marine - the Merchant Marine Distinguished Service Medal.

It was great reading, Monterey went on to become the Matsonia and the present day Britanis. A sticker on the cover of this magazine shows it belonged to "Capt. Elis R. Johnson, San Francisco, CA".

AERO

I came up with a little more information on NASA's SR-71's. I was able to obtain the NASA numbers for all three: 64-17956 SR-71B NASA 831 (FAA ID: N831NA), 64-17971 SR-71A NASA 832 (FAA ID: N/A), and 64-17980 SR-71A NASA 844 (FAA ID: N844NA).

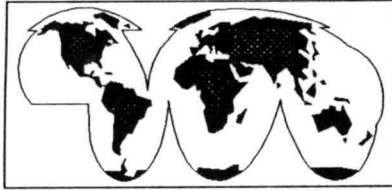
Tip of the Hat

This month's Utility Notes Tip of the Hat goes to the radio officers of the S/S Britanis. The six double sided photo copies on the WWII history of the ship was very much appreciated! Had a "UTE" go out of their way for you? I'd like to hear about it. The gathering of U.S. Coast Guard aircraft information continues, with a great start from Mike Schulsingers' list. Those of you on the west coast that monitor these comms can help by sending any "homeplate's" noted out your way.

As I write this a tornado slammed through Colonial Heights, Va., which is Jim Navary's hometown. Haven't heard from him, and hope all is well.



P.ell



UTILITIES

Mike Wolfson
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AERO

- 3016 **Reach 70174:** USAF 0600 7/28 USB (wkg NY radio) (Halstead, WV)
4675 **Iqaluit Aeradio:** Baffin Island Canada 0456 7/23 USB (wkg United 962 heavy) (Halstead, WV)
4725 **Royal Air Force:** 0330 USB (VOLMET) (Bergadano, NJ) (welcome to the column-MW)
5035 **Canadian Forces:** Edmonton Alberta 1321 7/11 USB 454 (VOLMET) (D'Angelo, Pa)
5680 **Royal Air Force:** 0224 USB (wkg Helo Rescue 166) (Bergadano, NJ); **Plymouth Rescue:** UK 0343 7/30 USB (wkg Architect w/ rdo ck, Rescue 13) (Lukas, NY)
5692 **NOT:** Traverse City Air Mi US 0242 7/20 USB (wkg Rescue 6011 inbound w/patient, ambulance ready) (Baker, Oh); **C66016:** 0229 7/28 USB (re mission abort to help sinking ves) (Baker, Oh); **Cape May Air:** NJ US 0005 7/2 USB (cig CG 6576) (Navary, Va) (welcome to the column-MW)
5696 **AZ4:** Eliza 0420 7/2 USB (wkg Portsmouth- Capt w/severe head/back injury req guidance from Miami ops) (Navary, Va); **Rescue 6016** 2148 7/3 USB (wkg Portsmouth w/req for ambulance from Mass Gen. Hos.) (Navary, Va)
5700 **Retaliate:** 0522 7/20 (wkg Skylight for rdo ck, secure tfc) (Baker, Oh)
6622 **Air Canada 862:** 0614 7/28 USB (wkg Shanwick) (Halstead, WV)
6697 **Municipal:** 0614 7/9 USB (w/EAM, repeat) (Baker, Oh)
6716 **SAM204:** 0513 7/22 USB (wkg Andrews AFB w/pp, Mildenhall meteo for wx) (Baker, Oh)
6735 **Fox Tango Net:** 0414 7/22 USB (Fox Tango wkg Lima, Juliet, Oscar att to set up alligator playground on Delta 20- USN drug interdiction ?) (Baker, Oh)
6812 **SAM206:** 2233 7/1 USB (wkg Andrews AFB re/departure time from Gander, depart KADW, req ck on flt plan) (Baker, Oh)
8819 **Rainbow Radio:** LDOC Canada 0122 USB (wkg Delta 20) (Bergadano, NJ); **Rainbow Radio:** LDOC Tors Cove Newfoundland Canada 0347 7/20 USB (wkg Delta 26 w/co. msg, wx) (Baker, Oh)
8825 **Santa Maria Radio:** 0347 7/23 USB (wkg u/i a/c w/pos ck & SELCAL-CFKA) (Baker, Oh)
8846 **AA62:** American 62 2356 7/25 USB (wkg NY ATC Miami-Paris run, request for flt level 39-disapproved) (Westenhaver, Quebec) (welcome to the column Mr. Westenhaver-MW)
8855 **Porto Velho Aeradio:** Brazil 0433 7/24 USB (wkg United 900 over MUIPR) (Halstead, WV); **Piarco Aeradio:** Trinidad 0419 7/24 USB (wkg Maiquetia radio re FAX of Speedbird 248 flt plan) (Halstead, WV)
8861 **VRBPN:** No ID UK ? 0447 7/24 USB (cig Recife, no joy) (Halstead, WV)
8879 **Speedbird 288:** British Airways 0438 7/24 USB (wkg Iceland radio) (Halstead, WV)
8959 **Jeddah Ops:** Saudi Airlines LDOC Saudi Arabia 0343 7/23 USB (wkg Jeddah 002) (Baker, Oh)
10057 **Brazzaville Radio:** VOLMET Congo 2240 7/11 USB 353 (wx) (D'Angelo, Pa)
11176 **Snoop 39:** 2352 7/7 USB (wkg Ascension-asked to pass msg to Zorba Control) (Navary, Va)
11300 **Nairobi Aeradio:** Kenya 2157 USB (wkg Air France 457) (Bergadano, NJ)
11306 **Lima Radio:** LDOC Lima Peru 0432 7/9 USB (wkg American 905, United 923, American 909) (Baker, Oh)
11330 **SU325:** Aeroflot 325 2325 7/25 USB (wkg NY radio reg Moscow-Shannon-Miami run) (Westenhaver, Quebec)
11345 **Amtran 551:** 2322 7/6 USB (wkg Stockholm LDOC w/pp to "co." in Indianapolis) (Navary, Va)
13291 **Gander Aeradio:** Canada 1333 7/11 USB 353 (wkg Continental 25) (D'Angelo, Pa)
13305.9 **New York ATC:** US 1448 7/17 USB (wkg Iberia 6245) (Bellovich, Fl)
13306 **Reach 111MF:** USAF 1630 7/10 USB (wkg NY radio) (Halstead, WV)
13312 **Rockwell:** LDOC 1836 7/8 USB (wkg Saudi 005, pp Saudi Airlines Ops) (Baker, Oh)
15015 **Shark 57:** 2352 7/31 USB (wkg Albrook GHFS pp) Baker, Oh)
15046 **Saudi 4451:** 0350 7/22 USB (wkg u/i stn w/departure msg from Jeddah, registration # N703CK) (Halstead, WV)

CW

7627 US Embassy Athens Greece: 2340 7/17 (ID) (Braun, Va)
 12472 LAQP2: Steinstad 2245 7/2 (wkg LPD w/AMVER rpt) (Navary, Va)
 16824.7 GKP6: Portishead Radio UK 1732 7/2 (ID) (Lukas, NY)

MARINE

2103.5 Yarmouth Coast Guard: Canada 0437 USB (wkg CCGC re/overdue ship)
 (Bergadano, NJ); **MMN37**: US 0104 USB (wx, NOTAM) (Bergadano, NJ)
 2406 **Nordic Express**: 0327 7/6 USB (wkg WOM w/1st of R/T tfc for pass)
 (Navary, Va)
 2450 **NO ID**: 0215 7/6 USB (fishing boats w/salty lang) (Navary, Va)
 2670 **NI00**: USCGC Point Chico 1458 7/24 USB (wkg NMC) (Blair, Ca); **MMN80**:
 USCG Hampton Roads Va US 0208 USB (NOTAM) (Bergadano, NJ)
 4134 **NPSE**: USS Philippine Sea (CG-58) 0534 7/27 USB (wkg NMN for RTTY freqs)
 (Baker, Oh)
 4372 **NAS Oceana**: FASFAC VACAPES 0037 7/20 USB (W/G5M relay for 7XV w/UHF
 frqs) (Baker, Oh) (**new freq, no longer 4373**); **Oceana MAS**: Va US 0125
 7/9 USB (wkg Y3G & AIX) (Navary, Va)
 5223 **Macbeth 04**: 0200 7/16 USB (wkg USCGC Dependable) (Navary, Va)
 5320 **NOYB**: USCG Grp Corpus Christi Tx US 0608 7/21 USB (wkg Rescue 2137
 advising to stand by until pumps on u/i vessel working) (Baker, Oh)
 6200 **USCGC Campbell**: 2122 7/6 USB (wkg Commsta Boston w/R/T tfc) (Navary,
 Va); **Smuggler**: 0348 7/21 USB (wkg NMN req QSY to 3A18) (Baker, Oh)
 6227 **AAEF**: USAV LTG Wm B. Bunker (LSV-4) 0117 7/2 USB (w/AAC2 w/relay to
 AEIL to secure rdo guard, Bunker: US Army transportation vehicle
 landing ship from Ft. Eustis Va) (Baker, Oh); **AAFR**: USAV Thomas C Hart
 (HLS-1) 0017 7/20 USB (c1g AAC2, AAHT, AAFR, McHenry: Heavy Lift Ship
 assigned to Ft. Eustis Va) (Baker, Oh); **KADC**: Atlantis II 2248 7/21 USB
 (wkg KXC-713 (Woods Hole) re accidental EPIRB activation, INMARSAT
 down, KADC mother ves for ALVIN submersible) (Baker, Oh)
 6501 **ZLW**: Wellington Radio New Zealand 0732 7/14 USB (wkg Shawnassy for R/T
 tfc) (Baker, Oh)
 7535 **NJUL**: USS Bainbridge (CGN-25) 1725 7/12 (c1g Norfolk SESEF, no joy, c1g
 any sta on net, no joy, SESEF calls at 1818 w/rdo tst) (Baker, Oh)
 7536.5 **ACS**: 1813 7/12 USB (c1g AC4, no joy, net monitored for several months,
 pass Us Army or USAV, call shortened from ACC to AC) (Baker, Oh)
 7626 **Ghost 92**: 0645 7/22 USB (c1g USCGC Dependable, no joy, air guard req,
 cancels air guard, contact w/USCGC Harriet Lane, freq is primary for
 ABLE MANNER (Haiti), 5223 secondary freq) (Baker, Oh)
 8198 **ELNC5**: Ecstasy 0039 7/28 USB (8198/8722, R/T tfc w/WOM) (Baker, Oh)
 8204 **C6FA7**: George H Weyerhauser 1754 8/1 USB (wkg KMI) (Blair, Ca)
 8207 **KPSB**: Coronado 0230 7/7 USB (8207/8731, c1g WOM) (Baker, Oh)
 8216 **Scandinavian Song**: 0210 7/20 USB (8216/8740 wkg WOO w/R/T tfc) (Baker,
 Oh)
 8219 **GSYA**: Jubilee 0404 7/7 USB (8219/8743 wkg KMI w/R/T tfc) (Baker, Oh)
 8234 **3ETG9**: Royal Majesty 0207 7/7 USB (8234/8758, R/T tfc WOM) (Baker, Oh)
 8240 **NAFO**: USCGC Cowslip (WLB-277) 1931 7/1 USB (8240/8764, w/NMN re HFDL
 problem) (Baker, Oh)
 8267 **ELFT8**: Celebration 0128 7/28 USB (8267/8809, wkg WOM w/R/T tfc) (Baker,
 Oh)
 8270 **ELNG6**: Horizon 1541 7/2 USB (wkg WOO w/R/T tfc) (Baker, Oh)
 8285 **LA014**: Majesty of the Sea 0058 7/28 USB (8285/8809 wkg WOM w/R/T tfc)
 (baker, Oh)
 8376 **LAZE2**: Probo Baro 0200 7/2 USB (red flare obs w/parachute, steering
 towards flare) (Navary, Va)
 8719 **NRDC**: USCGC Campbell (WMEC-909) 0239 7/20 USB (W/NMN re/emergency pp)
 (Baker, Oh)
 8737 **ZLW**: Wellington Radio New Zealand 0744 7/2 USB (wkg Kibei w/R/T tfc)
 (Baker, Oh)
 8740 **OXZ**: Lyngby Radio Denmark 0106 7/20 USB (voice marker, tfc 1st ?)
 (baker, Oh)
 8743 **HEB**: Berne Radio Switzerland 0529 7/7 USB (wkg Meltonia Brussels w/R/T
 tfc) (Baker, Oh)
 8746 **EHY**: Madrid Radio Spain 0153 7/6 USB (tfc 1st) (Baker, Oh)
 8749 **LFL7**: Rogaland Radio Norway 2315 7/19 USB (wx, u/i vessel) (Baker, Oh)
 12242 **NRUO**: USCGC Polar Sea (WAGB-11) 0108 7/22 USB (12242/13089 wkg NMF
 re/RTTY freq) (Baker, Oh)
 12254 **LAMU4**: Monarch of the Seas 1954 7/5 USB (R/T tfc) (Navary, Va)
 12353 **WPE**: Tug Communications Inc Jacksonville F1 US 2248 7/6 USB (wkg Tug
 Dearing w/position, info) (Baker, Oh)

13104 **EHY:** Madrid Radio Spain 2200 7/19 (tfc 1st) (Baker, Oh)
 13113 **PCG:** Scheveningen Radio Netherlands 2013 7/20 USB (wkg ves CNOV)
 (Baker, Oh); **VCS:** CCG Halifax Radio Canada 2205 7/19 USB (EPIRB
 activation-ships to keep watch, notice of overdue German ship, gale
 warning) (Baker, Oh)

PHONE

5400 **WNFT417:** Bell Telephone Morristown NJ US 1546 7/1 USB (tst c1g IBM-1,
 QSY to other freqs for more tst, USCOE ch. 8) (Baker, Oh)
 6778 **5WN:** 0048 7/13 USB (wkg CSR for for callsign info, rx ck w/L) (Braun,
 Va)
 8041 **Career Wind:** 0055 7/13 USB (wkg nastural (?) on Echo 4, switch to Echo
 2, if no joy QSY Echo 4) (Braun, Va)
 10493 **WGY912:** FEMA Mt. Weather Va. US 1618 7/6 USB (Ch. Foxtrot 26 w/row
 call, reply from WGY908 Denver Co) (Lukas, NY)
 10780 **Cape Radio:** 1247 7/17 USB (rx ck w/Orion 1, Agar 21, Riot Control, talk
 of Shuttle Discovery scrub) (Braun, Va)
 13974 **NNNOICE:** US Navy MARS Antartica 0033 USB (wkg NNNOLNB w/pp) (Bergadano,
 NJ)
 14441.5 **NNNOCPK:** USS Horne 0022 7/8 USB (wkg NNNOUTO) (Navary, Va); **NNNOCOA:**
 USS Arleigh Burke 2155 7/11 USB (c1g ASSMS, NNNOCYC) (Navary, Va)
 14467 **NNNOCOU:** USS Saratogo (CV-60) 2319 7/27 USB (wkg NNNOTDU w/pp) (Baker,
 Oh)
 14478.5 **NNNONCA:** USCG Loran Stn Marcus Is. 2218 7/11 USB (c1g NNNOUTO, very
 weak sig) (Baker, Oh)
 19800 **NO ID:** 1333 7/12 LSB (mideast ?, tfc re/return & expected departure,
 nothing heard on following days) (Halligey, UK) (a warm welcome to the
 column Geoff-MW)

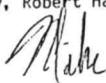
RTTY/FAX

518 **ZSC:** Navtex Capetown Radio South Africa 0700 SITOR B (test tx) (Hall, SA)
 7863.1 **BJZ21:** Meteo Wuhan China 1910 378R/75 (wx codes) (Hall, SA)
 7959.1 **9BC23:** IRNA Tehran Iran 1903 389R/50 (EE nx) (Hall, SA)
 8165.2 **NO ID:** 1855 454R/75 (5 ltr grps, off w/ALL QTC41) (Hall, SA)
 8379.5 **BPF8:** Jian She 2 1421 7/22 SITOR A (wkg XSG) (Blair, Ca)
 8380.5 **SQNN:** Powstaniec Styczionwy 1350 7/22 SITOR A (wkg 9VG78) (Blair, Ca)
 8382.5 **3EDX4:** Super Spirit 0334 7/30 SITOR A (wkg KPH) (Blair, Ca)
 8420.5 **9VG78:** Singapore 1348 7/22 SITOR A (wkg SQNN-Powstaniec Styczniowy)
 (Blair, Ca)
 8427.6 **SPA41:** Goynia Radio Poland 1850 SITOR B (tfc 1st) (Hall, SA)
 8470.8 **ZRH:** Comnavop Cape South Africa 1109 170R/50 (wkg AIG 1249-SAS Wingfield
 Subalert) (Hall, SA)
 9041.3 **5YE:** Meteo Nairobi Kenya 1845 (aero tfc, wx codes) (Hall, SA)
 9072.7 **TLO:** ASECENA Bangui Central African Republic 1902 ARQ M2 403/96 (aero
 tfc ch. A (OFA)) (Hall, SA)
 9079.9 **RFQP:** French Forces Djibouti 1906 394/96 (idling) (Hall, SA)
 9084.2 **NO ID:** 1910 489/96 1910 (unknown) (Hall, SA)
 9110.2 **NO ID:** 1830 480N/75 (5 ltr grps) (Hall, SA)
 9135.7 **TTL:** ASECENA N'djamena Chad 1724 ARQ E3 162/48 (ID, metar) (Hall, SA)
 9262.1 **NO ID:** 1920 191/86 (unknown) (Hall, SA)
 9338.4 **RCH72:** Meteo Tashkent Uzbekistan 1936 FAX 576/60 (poor chart) (Hall, SA)
 10115 **FDY:** NO ID 0626 ARQ E3 395/96 (sounded close, French Forces ??, idling)
 (Hall, SA)
 10130.1 **NO ID:** 0642 842/50 (USN Cutler Base ??) (Hall, SA)
 10133.7 **TZH:** ASECENA Bamako Mali 0650 425R/50 (RY, ID, garbled tfc) (Hall, SA)
 10230 **RKA78:** Russia 0325 FAX (wx chart) (Bergadano, NJ)
 10249 **ECA:** Spain 0330 FAX (wx charts) (Bergadano, NJ)
 10400.4 **RFQP:** French Forces Djibouti 1955 ARQ M2 367/200. (idling) (Hall, SA)
 10811.7 **NO ID:** 1944 993/86 (unknown) (Hall, SA)
 10841.4 **RFQP:** French Forces Djibouti 1940 ARQ M2 435/200 (idling) (Hall, SA)
 10869.4 **RFVI:** French Navy Le Port Reunion 1933 ARQ E3 385/100 (idling) (Hall, SA)
 10873.9 **RFVI:** French Navy Le Port Reunion 1930 ARQ E3 425/100 (idling) (Hall, SA)
 11039.2 **DDH9:** Meteo Hamburg Germany 1925 425R/50 (RY, ID) (Hall, SA)
 11606.3 **BZG41:** XINHUA Beijing China 1915 409R/74 (EE nx) (Hall, SA)
 11638.2 **DDK8:** Meteo Hamburg Germany 1911 402R/50 (wx codes) (Hall, SA)
 12044.1 **NO ID:** 1658 239/50 (unknown) (Hall, SA)
 12072.9 **NO ID:** 1155 ARQ M2 377/96 (AFTN Niamay ?? w/aero comms/wx) (Hall, SA)
 12108.5 **NO ID:** 1655 159?/64 (unknown) (Hall, SA)
 12115 **GXQ:** BA London UK 1650 VFT 170N/R/50 (test tapes on several ch.) (Hall,
 SA)

12140.4 **HMN:** French Navy Paris France 1647 789R/75 (RY, ID) (Hall, SA)
 12165 **RKB78:** Meteo Moscow Russia 1642 FAX 576/60 (fair chart) (Hall, SA)
 12170.2 **RNR4:** Meteo Magadan Russia 1638 FAX 576/120 (fair chart) (Hall, SA)
 12212.7 **YZ07:** TANJUNG Belgrade Yugoslavia 1635 420R/50 (EE nx) (Hall, SA)
 12228.6 **BZR62:** XINHUA Beijing China 1630 369R/72 (EE nx) (Hall, SA)
 12478 **WBQ3861:** Seawind 0030 7/23 SITOR A (wkg KFS) (Blair, Ca)
 12563 **UVIF:** Saadyarw 0258 7/8 170N/50 (RYS, ID to URL) (Blair, Ca)
 12565.5 **UNIX:** Rus 2356 7/27 170N/50 (wkg UJY-ex Tanya 2 J8DU3) (Blair, Ca)
 12574 **UWV0:** Verhovina (MB2413) 0012 7/20 170N/50 (wkg UDK2) (Blair, Ca)
 12579.5 **9VG80:** Singapore 1409 7/23 SITOR A (wkg 9V3794) (Blair, Ca)
 12588 **UFH:** Petropavlovsk-Kamchatskiy Russia 1426 7/23 170N/50 (5 ltr grps to ULKB-Spassk) (Blair, Ca)
 16691 **UONK:** Makeyevka 2329 7/7 SITOR A (wkg UPB) (Blair, Ca)
 16694 **C6K2:** Sprinter 1705 8/3 SITOR a (wkg KPH) (Blair, Ca); **SQEW:** Eugeniusz Kwiatkowski 1935 8/3 SITOR A (wkg KPH) (Blair, Ca); **3EMF9:** Republica de Columbia 1948 8/3 SITOR A (wkg KPH) (Blair, Ca); **BOAB:** Tai He 2000 8/3 SITOR A (position rpt to KPH) (Blair, Ca)
 16699.5 **LAIJ2:** Dyvi Baltic 1452 7/23 SITOR A (wkg HPP) (Blair, Ca); **SKWJ:** Isolde 1655 7/23 SITOR A (wkg HPP) (Blair, Ca)
 16708 **3EJGB:** Hamlet Saudia (ex Santa Barbara III) 2313 7/29 SITOR A (wkg WLO) (Blair, Ca)
 16796.9 **UBPO:** Mechanik Kilimencuk 1255 170N/50 (wkg Odessa using UJQ) (Hall, SA)
 16797.6 **UZFR:** RTMS Promotey 1253 170N/50 (wkg K'grad) (Hall, SA)
 16799.6 **TR Ussurijskij Zaliv:** 1250 170N/50 (wkg Sevastopol) (Hall, SA)
 16800.6 **VSLX:** TH Rakvere 1247 170N/50 (wkg K'grad) (Hall, SA)
 16814.5 **UPB:** Provideniya Russia 0246 7/29 SITOR A (wkg UGWB-Posyet) (Blair, Ca)
 17160.2 **NO ID:** 1920 463/100 (unknown) (Hall, SA)
 17470.3 **BZS28:** XINHUA Beijing China 1143 367R/75 (EE nx) (Hall, SA)
 18035.4 **ZRH:** South African Navy 1207 840/75 (foxes, 10 county, RY, ID, INT.ZBZ) (Hall, SA)
 18041.1 **HGX21:** MFA Budapest Hungary 1210 799R/50 (wkg Hungarian emb w/HH/FF nx) (Hall, SA)
 18242.2 **ZRO4:** Meteo Pretoria South Africa 1310 435R/75 (wx) (Hall, SA)
 18890.6 **NO ID:** 1625 SITOR A (5 ltr grps) (Hall, SA)
 18924.9 **NO ID:** 1620 827R/75 (coded tfc) (Hall, SA)
 19011.8 **PCW1:** Hague Radio Netherlands 1314 SITOR A (DD nx) (Hall, SA)
 19048.3 **RFFMH:** French Navy ? Paris France 1614 ARQ E3 425/192 (wkg RFTJB w/FF tfc) (Hall, SA)
 19048.9 **RFFA:** MOD Paris France 1316 ARQ E3 400/192 (idling) (Hall, SA)
 19057.4 **NO ID:** 1604 851R/75 (coded tfc) (Hall, SA)
 19062.6 **NO ID:** 1318 154/64 (unknown) (Hall, SA)
 19236.1 **RFFXS:** FM Detalat Omuson 1550 ARQ E 415/96 (FF tfc for RFFEBU & REGHLICO PAU) (Hall, SA)
 19236.2 **RFFXS:** French Forces Versailles France ?? 1210 ARQ E 403/72 (wkg QYOF ET DF13 DES PE) (Hall, SA)
 19256.8 **FM Boustane Paris:** 1158 SITOR B (to Khargia Cairo) (Hall, SA)
 19404 **FSB63:** INTERPOL Lyons France 1150 SITOR A (coded tfc) (Hall, SA)
 19418.8 **NO ID:** 1145 ARQ E3 386/192 (idling, MOD Paris France ??) (Hall, SA)
 19420.3 **NO ID:** 1135 ARQ E4 487/96 (idling) (Hall, SA)
 19529.4 **JMG5:** Meteo Tokyo Japan 1320 831R/50 (wx codes) (Hall, SA)
 19707.1 **UXN:** Arkhangelsk Radio Russia 1200 SITOR B (tfc 1st) (Hall, SA)
 19734.6 **URD:** St Petersburg Radio Russia 1200 SITOR B (tfc 1st) (Hall, SA)
 19747.7 **6VU79:** Meteo Dakar Senegal 1704 386N/50 (FF wx, codes) (Hall, SA)
 19751.5 **6VU79:** Meteo Dakar Senegal 1700 FAX 576/120 (poor chart) (Hall, SA)
 22353.6 **UZUR:** RTMS Kulikovo Pole 1155 170N/50 (wkg K'grad) (Hall, SA)
 22354.1 **EKXP:** TKH Khariton Greku 1225 170N/50 (wkg Odessa) (Hall, SA)
 22356.6 **UTYL:** RTMS Chepetovka 1215 170N/50 (wkg Sevastopol) (Hall, SA)
 22362.5 **UFJM:** RTM Asteroid 1218 170N/50 (wkg K'grad) (Hall, SA); **LYIO:** SST Turinella 1159 170N/50 (wkg K'grad) (Hall, SA)
 22362.6 **UFOD:** Sergei Korshunovivh 1147 170N/50 (wkg K'grad) (Hall, SA)
 22377.1 **GKE7 ?:** NO ID 1237 150R/75 (NAWS coded wx, Portishead ???) (Hall, SA)
 22380.1 **PCH75:** Scheveningen Radio Netherlands 1240 SITOR A (tfc, cw ID) (Hall, SA)
 22386.6 **WCC:** Chatham Radio Ma US 1200 SITOR B (wx) (Hall, SA)
 22386.7 **UFN:** Novorossiysk Radio Russia 1244 SITOR A (w/greetings to ships) (Hall, SA)
 22394.1 **OXC:** Lyngby Radio Denmark 1252 SITOR A (ID) (Hall, SA)
 22395 **UBN:** Mariupol Radio Ukraine 1255 SITOR A (ID) (Hall, SA)
 22399.1 **A9M:** Hamala Radio Bahrain 1259 SITOR A (ID) (Hall, SA)
 22401.1 **HEC62:** Berne Radio Switzerland 1302 SITOR A (ID) (Hall, SA)
 22422.4 **MT0:** Royal Navy Roysth Scotland 1306 814R/75 (test tape) (Hall, SA)
 22501 **UFN:** Novorossiysk Radio Russia 1139 170N/50 (NAVAREA 037 warnings)

(Hall, SA)
22542 JJC: Tokyo Japan 1143 FAX 288/60 (JJ nx paper) (Hall, SA)

While I have a little room, I'd like to pass on a few tips. Tim Braun suggests that 7741 be monitored be some interesting tfc. I've been hearing quite a bit of coded tfc on DEA freqs lately. They might be worth following. Refer to Grove's Shortwave Directory for a list of freqs. Bill Bergadano asks if Berne LDOC on 6643 is off the air. Does anyone know? Also, I've been having problems getting good reception of RTTY/FAX tfc. I installed 2 piece toroid cores (380-0020F, 380-0043F) from MEMDELSON'S (1-800-344-4465) on every cord in the shack and things improved ALOT. A good ground system is next. Finally, Robert Hall sends the following re/aero RTTY b/c from Africa.

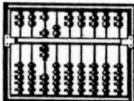


AERONAUTICAL RTTY

One sees much material and chat about aero USB but very little about aero RTTY. Here is something to fill the gap!

There are two different and distinct types of aeronautical RTTY; semi-continuous coded meteo weather signals covering wide geographical areas, and uncoded occasional traffic relating to aircraft movements and weather reports. The two traffic types are seldom transmitted from the same station. In this report, we are concerned only with the latter type broadcasting information about a/c movements and weather. The African Continent is dotted with these stations which come alive at night when most of the long haul overflights occur. Most of these stations are located in former French Colonies and communicate with each other in networks which fall under the titles of ASECNA or AFTN, respectively meaning - "Agence pour la Securite de la Navigation Aeriene en Afrique et a Madagascar", and "Aeronautical Fixed Telecommunication Network". Modes used are Baudot RTTY, ARQ M2 and ARQ E3, the latter being a French military code. The following is a short list of active stations from my 1992/93 database:

Freq.	GMT	Cou	C/S	Mode*	Sp/Shift	
3710.8	0405	GUI	U/L	RTTY	50/360	CONAKRY AIR
4014.7	0248	MDG	5ST	ARQ E3	48/425	ASECNA ANTANANANAR
4022.5	0255	MAU	3BZ	ARQ E3	48/850	PLAISANCE AIR
4195.5	0420	CTI	TUH	RTTY	50/436	ASECNA ABIDJAN
4487.2	2200	COG	TNL	RTTY	50/405	ASECNA BRAZZAVILLE
4788.3	2210	CME	TJK	RTTY	50/780	ASECNA DOUALA
5117.2	2230	BEN	TYE	ARQ M2	96/425	ASECNA COTONOU
5159.7	2310	NGR	5UA	RTTY	50/419	AFTN NIAMEY
5287.2	0500	BOT	FBSK	RTTY	50/434	GABORONE AIR
5487.7	0500	CTI	TUH	RTTY	50/438	ASECNA ABIDJAN
5804.0	0540	GHA	9GC	RTTY	50/434	ACCRA AIR
5818.6	2315	MLT	9HA	RTTY	50/425	LUQA AIR (LMML)
5904.1	0415	GHA	9GC	RTTY	50/425	ACCRA AIR
6902.3	0430	CAF	TLO	RTTY	75/881	ASECNA BANGUI
6941.3	0330	GAB	TRK	ARQ M2	96/452	ASECNA LIBREVILLE
6989.0	0230	MLD	8Q9	RTTY	50/215	MALE AIR
7355.3	0315	MLI	TZH	RTTY	50/421	ASECNA BAMAKO
7626.0	0326	MLI	TZH	RTTY	50/414	ASECNA BAMAKO
7990.8	0440	TZA	5HD	RTTY	50/828	DAR-ES-SALAAM AIR
8118.5	0500	ZMB	9JZ	RTTY	50/339	LUSAKA AIR
8137.0	0512	CYP	?	RTTY	50/399	LARNACA AIR
8161.5	2045	KEN	5YD	RTTY	50/302	AFTN NAIROBI
9994.2	0553	AZR	CSY	RTTY	50/666	SANTA MARIA AIR



REPORT FROM H. Q.

Bob Thunberg, Business Manager/Treasurer
P. O. Box 196
DuBois, PA 15801-0196

SPEEDX ANNUAL FINANCIAL REPORT FY 1993

THIS IS A SUMMARY OF THE SPEEDX ACCOUNT FROM 1 JULY 1992 THROUGH 30 JUNE 1993 INCLUSIVE.

Balance on hand 1 July 1992 \$1979.12

Receipts	Prepaid subscriptions	\$2937.00
	Prepaid Renewals	4683.00
	Supplies (incl Supermarket sales)	788.75
	Misc. (donations and interest)	113.47

Total Receipts \$8522.22

Disbursements	Publish 12 Issues	\$4775.00
	Postage 12 Issues	3195.71
	HQS Postage	383.28
	HQS Supplies & Printing	45.56
	Misc. (incl Supermarket costs)	784.17

Total Disbursements \$9233.72

Balance on hand 30 June 1993 \$1267.62

This report is true and accurate to the best of my knowledge.

Bob Thunberg - Treasurer

Fiscal Year 1993 was not a profitable 12 months for SPEEDX, as we experienced losses in all four revenue categories of renewals, new members, Supermarket Sales, and donations, when compared to FY 92. The good news is that our expenses fell considerably also. Beginning in December 1992 (thanks to the efforts of Ed Janusz), we switched to in-house printing of the monthly bulletin, and have saved a large amount of money in publishing costs. We should be able to save even more in FY 94, as we will be printing our own bulletins for the entire year.

Since SPEEDX is no longer governed by a Board of Directors, more responsibilities have been placed upon our publisher tandem of Ed Janusz/Don Thornton and upon myself, as Business Manager/Treasurer. To ease some of this extra burden on me, please follow these procedures in the future:

- Do not send loggings, QSL reports, etc. to club HQS in DuBois; this only delays their publication, Please mail them directly to the column editors, or to the Central Distribution Editor (CDE), whose address is on the back cover of the bulletin.
- Do not order SPEEDX Supermarket items from club HQS; send all such orders to John Carson whose address is also located on the cover.
- Do mail all renewals to HQS as early as possible, to ensure a timely delivery of your monthly bulletin. For example, if your mailing label has "9310" printed on it, this means your last bulletin will be the October 1993 issue. Please mail in your renewal, so that it is received at HQS by October 15th, etc.
- Do donate, if possible, to the "Friends of SPEEDX". Any extra money that we receive is invaluable, and we welcome any and all donations beyond the standard renewal dues. SPEEDX wishes to thank the following members who made donations in the past year;

Tsunaaki Ashimori	Wally Blumenstein	Ralph Famularo
James Evans	Allan Radella	

Mike Hardester (in memory of Don Johnson)

Thanks for your continued support & Good DXing to all!

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Membership Corner

Jason E. Berri
2721 Gramercy Ave. # 8
Torrance, CA 90501
Internet: berri@aero.org

Let's get right to it with this month's contributors table:

Name	Sta	Receiver	Cr	YTD	Name	Sta	Receiver	Cr	YTD
Brian Alexander	PA	NRD-535	5	9	Mark Humenyk	ON	D-2935	1	12
Tsunaaki Ashimori	JPN	FRG-7700	3	15	Tim Johnson	IL	R-5000	2	37
Robert Babin	MA	NRD-535	1	18	David Jones	TN			6
Steven Bagozzi	CA	Drake 2-B	8	45	Stanley Kiselyov	UKR	DX-440		4
Richard Baker	OH	IC-R71A	2	11	Phil Kyburz	CO	DX-440	4	20
John Bellovich	FL	ICF-2010	10	66	Jim Lane	ON		1	1
Bill Bergadano	NJ	TS-430	1	1	Harold Langlois	FL		7	32
Jason Berri	CA	R-2000	2	14	Richard Lemke	AB	IC-R71A		2
Julianna Bickus	VA	ATS-803A	4	31	Harold Levison	PA	R-8	7	43
Steve Biczak	NJ	ICF-2010		18	William Lueck	WI	SW-7800		6
Forrest Bishop	OH	ICF-SW77	4	39	Hank Lukas	NY	ICF-2010	8	49
Arthur Blair	CA	NRD-515	2	6	William McGuire	MD		5	11
Daniel Brame	IL	ATS-808		3	Thomas Millard	TX	R-5000	8	37
Tim Braun	VA	FRG-100	1	6	John Miller	GA	ICF-2010		1
Don Brewer	KS	ICF-2010		6	Kevin Murray	OR	R-8		15
Edward Brown III	IL	ICF-6800W	5	38	Jim Navary	VA		3	3
John Brown	OK		1	3	George Neff	FL	RF-2600	2	14
Tim Brown	CA	FRG-100		1	Ed Newbury	NE	R-8	2	35
John Brugliera	VT			15	Tony Orr	VA			1
Mike Bryant	UT	ICF-2010	3	9	Benton Owsley	CA	NRD-525		16
Daniel Camporini	ARG			6	Dale Park	HI	R-5000		1
Peter Card	RI	NRD-515	3	25	Denis Pasquale	PA		4	30
John S. Carson Jr.	OK	NRD-525		7	Adrian Peterson	IN			1
Ed Cichorek	NJ	R-5000	5	7	Nigel Pimblett	AB	R-5000	1	3
Jim Clar	NY	R-8	6	48	Joe Potaczek	IL	R-1000	1	9
Bob Colyard	NJ	R-2000	1	9	Betsy Robinson	TN	R-8	4	44
Chet Copeland	DC		3	3	Bruce Robinson	UT	DX-440	1	8
Richard D'Angelo	PA	IC-R71A	10	51	Jodi Rodriguez	MI		1	1
Robert Dettling	IL			3	Don Rontanini	FL	FRG-7		8
Greg Dome	TX	R-2000		23	David Ross	ON	NRD-515		3
Steve Evanchuck	OH	ICF-2010		4	Larry Saarikko	NY		3	4
Jim Evans	TN	IC-R71A	1	12	Daniel Sampson	WI	ICF-2010		2
Ralph Famularo	JPN	R-5000	2	28	Mike Schulsinger	OH			8
Mike Panderys	OH	ATS-803A	2	19	Woody Seymour, Jr.	NC	SPR-4		1
James Feeley				1	John Sill	MA			1
John Findlater	CA	FRG-7700		8	Michael Stine	MD	R-8		20
John Fisher	MA	R-2000	1	18	Kenji Takeuchi	JPN	R-2000		1
William Flynn	OR		4	16	Fred Theobald	FL			9
Robert Foster	NC	ICF-2010	3	8	Peggy Thompson	CA	FRG-7		26
Robert Fraser	MA	DX-370	11	53	Don Thornton	NJ	NRD-525	1	10
Gary W. Froemming	AZ	R-5000	3	14	Fred Valentine	CA		1	1
Steve George	MA	R-5000		14	Paul Wakefield	IA	ICF-2010	5	19
Mikell Goetsch	PA	NRD-535	1	9	Andy Wallace	MA	IC-R71A		12
Robert Hall	RSA	IC-R71	3	10	Charles Washburn	ME	R-8	1	4
Geoff Halligey	UK		1	1	R. C. Watts	KY			5
Garie Halstead	WV		1	2	Don Weber	OH			1
Richard Hankison	KS	R-5000	6	27	William Westenhover	PQ	ICF-2010	10	48
Mike Hardester	NC	IC-R70	1	15	Steven Willers	SUI	NRD-525		7
Gerald Hart	MN	NRD-535		20	Alden C. Wires Jr.	GA	DX-440	1	3
Vince Havrilko	GER	NRD-515	5	5	Mike Wolfson	OH	R-5000		19
Carl Huffaker	MEX			1					

A nice turn out of contributors this time. John Bellovich still leads the credits race with 66, followed by Robert Fraser with 53 and Richard D'Angelo with 51. I'm running a bit late this month, so that's it for this time. See you next month... -Jason

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