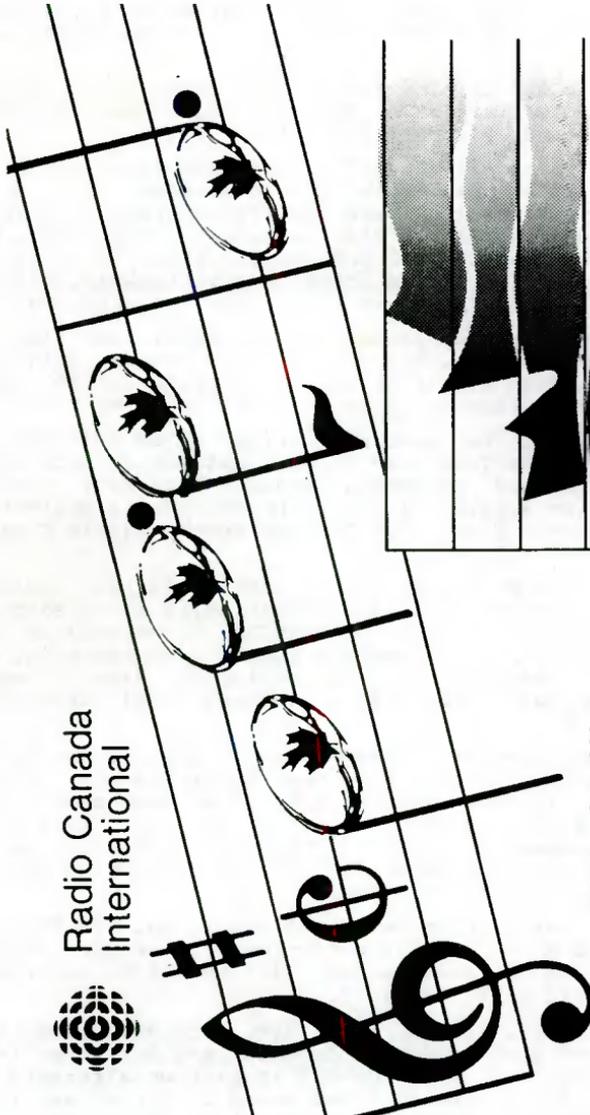


# FRIENDS



Radio Canada  
International



International Year  
of Canadian Music  
Année internationale de  
la musique canadienne

1986

**QSL**

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: TELEX HTC-2 phones with ear pods, 3.2 to 20 ohms, \$10.00. TELEX 500 ohm aircraft phones, \$6.50. MFJ SBF-2BX filter (works on AM, too). \$14.00. MFJ frequency calibrator, new, \$10.00. MFS-1045 presel-ector, 3 months old, \$52.00. Heath SB-313 assembly manual, \$2.50. Bart Beal, P.O. Box 1246, Walla Walla, WA 99362. Phone (509) 529-0073.

FOR SALE: TI 99/4A in excellent condition, cassette cables, magazines, program tapes (SAMS), \$60.00 UPS delivered. Timex T1000 with cassette cable 16K RAM, \$20.00 UPS delivered. Both for \$75.00. One watt, three channel Walkie Talkies (2), \$50.00 or offer, UPS delivered. Excellent condition. HAM QSL cards from Princeton University Station, 1920-1939, 75¢ each. Some with stamps as mailed (QSO's from all over the country and Canada). Will trade for other early QSL's, WRTVH's. WANTED: Halli-crafters S-38 (A-E), S-120 in good condition. Tom Mooningham, P.O. Box 1758, Frederick, MD 21701.

FOR SALE: FRG-7 with 2.9 Collins filter (modification by Radio West). Price \$325.00 firm. Al Clark, P.O. Box 2784, Savannah, GA 31402. Call (912) 233-3399 days and (912) 897-7515 after 7:00.

FOR SALE: FRENDX bulletins, 1/70-2/72, 73-81 complete, and 2/84 to current, \$4.00 a year shipped. Book: "Radio Receiver, Chance or Choice" by Rainer Lichte, test results. Like new \$15.00 shipped. Drake R4A receiver, good condition, \$75.00 plus shipping. WANTED: NB7, ANX-7 service manual or copy and SL1800 and SL500 filters for R-7 receiver. Will trade above items for wanted items. Jerry Strawman, 519 30th St. N.E., Cedar Rapids, IA 52402. Phone (319) 362-7124 after 2300 UTC.

FOR SALE: McKay-Dymek active antenna, latest model, neat and clean. \$80.00 with original packing, Gilfer case, and manual. Original cost was \$190.00. Transi-Trap Lightning Arrestor, price \$15.00. George C. Schrammel, 3009 West Lakefield Drive #3, Milwaukee, WI 53215.

FOR SALE: Hammarlund HQ-180C general coverage MW/SW receiver in very good condition. Contains Telechron 24-hour automatic clock/timer. External speaker included. Everything works - this setis very clean inside and out. Price \$195.00, I pay shipping. I will deliver up to about 120 miles. Victor Barz, 8198 T-Drive North, Battle Creek, MI 49017. Call (616) 965-4529 anytime.

FOR SALE: Sony ICF-6800W "Orange". Excellent condition. Includes original box and manual. \$550.00 Canadian funds. Will share shipping to U.S. May be examined and picked up during ANARCON '86 weekend in July. Also DX3000 Regency 30-channel programmable scanner. Search/scan, priority, no air band. \$200 Canadian funds. Share shipping. Harold Rosenberg, 5260 Rosedale, Montreal, Quebec H4V 2H6. Phone (514) 488-8594 Sunday or Monday after 6 pm.

FOR SALE: Hammarlund HQ-180-AX (180-A with 11 crystal positions on front panel in place of clock). Like new. Still has most of original Hammarlund tubes in it! With manual, \$300.00 or best offer. ALSO: Hammarlund HQ-129-X in very good condition. All capacitors replaced. Works well. With schematic, \$100.00. ALSO: Two R-390A's. Work good and mechanically clean, \$250.00 each. Tom O'Hare, 20023 84th West, Edmonds, WA 98020, Call prepaid (206) 778-3668.

FOR SALE: Panasonic RF-2200 in very good condition, \$75.00 plus shipping. ALSO: Kenwood R-600 in mint condition with original carton, \$210.00 plus shipping. Roger Giannini, 1111 Forest Hills Drive, Belleville, IL 62221. Call (618) 235-4059.

FOR SALE: Sony ICF-2001, \$95.00. ICF-6700W, \$150.00. Prices include shipping. Customized Beam Headings (from/to) and Distances (MI/KI) to over 355 WRTH transmitter sites. Useful in picking alternate trans-missions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$6.00. Gilfer's Confid-ential Frequency List (5th edition); Guide to RTTY Frequencies (2nd edition); FRENDX complete '84/'85, \$5.00 each. Cashiers check or money order, please. Al Drehmann, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.

# CONTACT

Editor: Stephen G. Moye, 178 Bartlett Ave., Cranston, RI 02905 Phone: (401) 941-6497

**Letters!** Lots of them -- and good ones, too. I suspect that a decline in Northern Hemisphere listening conditions gives rise to an increasing quantity in letter writing. In any case, I'm glad: It spares me the numbing effort of creativity -- to say nothing of the fact that I really enjoy your letters. Let's get to work...

To start with, a delightful and informative note from Cathy Turner (Yonkers, New York) which touches on two items of current interest:

I've got hold of a phone number that I think NASWA members may find VERY useful (re: "Electronic Communications Privacy Act of 1985" and any other comment to Washington D.C.). To comment on any bill pending in Congress, dial:

**(202)-456-7639**

All comments, for or against, are printed out daily and distributed to the Congresspersons involved with that particular bill; they also go to the President's office. The cost is small -- fifty cents for one minute." (Quoted from the Yonkers Public School's Special Education Newsletter.) The call costs only a little more than a stamp, and I feel it is quite useful.

I was on a expedition to Lincoln, Nebraska in late April. It turned out to be "spreading the gospel of shortwave listening." I had taken my little Sony ICF-7600A. (I couldn't go cold turkey!) Sunday evening we were visiting friends whom we hadn't seen in years. The adults were trying to talk over the noise of our six year old and their two kids six and ten. In desperation, I took the radio from my purse, handed it to my kid (Chris knows how to use it) and said "Here, go listen to the world." The kids took off and we had instant silence. After a while, my friend went off to check on the quiet kids. He didn't return! His wife went off for him after 10 minutes and found the four of them listening to the BBC. My son looked up and remarked that he couldn't find Beijing, so they were listening to England instead! Now there are some more SW fans among us! I hope this little incident gave you a laugh.

Concerning the telephone number Cathy has provided, I hope that even those who don't like to write letters will now make their voices heard on this very important matter -- there's just no excuse left. The incident she describes ("spreading the gospel...") is both amusing and instructive. I have always maintained that the best, fastest, and surest way of spreading interest in SWL is by example. If enough people actually see with their own eyes and hear with their own ears how easy and fascinating it is to "...listen to the world," the number of SWLers will, I am quite sure, increase dramatically. This, of course, puts the burden on us, whose interest it is, to take the first step. I can say that I have seen this approach work like a charm time after time.

Tom Giella (League City, Texas) has followed through in inquiries about the "Electronic Communications Privacy Act..." and has written a letter to report on the results:

I wrote my Senator and Representative [one question: which ones? The answer might be helpful in judging their answers.--sgm] concerning the ECPA1985 [my abbreviation -- sgm]. My Representative said the main thrust of the legislation is directed towards improving the security of cellular telephone transmissions and strengthening the Foreign Intelligence Act of 1968. A clause states that it shall not be unlawful for any person to intercept electronic communication intended for the use by the general public. That's where the problem lies!

My Senator basically said the same thing, with the main emphasis on unauthorized access to data stored in computers and protecting cellular telephone conversations. He also said that some tough questions need to be answered. Chief among these is whether electronic communications systems which are not designed to protect the privacy of communications being carried should be afforded protection. **[BRAVO!--sgm]**

Concerning Gerry Bishop's idea of supplying a SW transmitter to a country, it's an interesting idea but sounds impractical because it seems to me that if a country had a need for a SW transmitter, and could afford one, they would already have one!?

By the way, a little information about myself. I'm 30 years old, and a meteorologist in the U.S. Coast Guard.

Thank you very much for this information, Tom; this is the first indication of feedback that I have received from NASWA membership. Has anyone else anything to offer in this regard? I don't know about you, but I am struck by mentions of "...access to data stored in computers..." and "...strengthening the FI Act of 1968." Do I detect the constituents of a smoke screen here? The protection of computer data bases is another matter entirely having to do with the illegal acquisition of proprietary or copyrighted materials -- irrespective of the manner in which such materials were acquired. Threats posed by foreign intelligence have always been alluded to when the framers of legislation have wanted to lend (however speciously) a certain substance, otherwise lacking, to their work. In any case, if sensitive or classified material is being transmitted by means of a technology that is not secure, then we have a great deal more to worry about than the mere security of cellular communications. What do you think?

I have been expecting the next letter, in one form or another, for some time now. Questions of international social conscience are now very current, and Gerry Bishop's idea of giving a transmitter to a deserving country shows us one side of the coin. The other side is shown us by Nelson George in the following letter:

It seems quite a long time ago -- in the January CONTACT -- that Jerry Bishop's "bizarre" idea first surfaced. In all this time, no one seems to be able to quote a price for a one kilowatt transmitter. Until someone can come up with this basic information, I don't see much point in continuing the discussion.

Incidentally, one kilowatt would be about the minimum that I would consider. A 100 or 200 Watt SW transmitter on Barbados might suit some of us, but it would be an impossible catch for other of our members. The Caribbean, by the way, would be my choice for prime candidates for the project. The countries could use SW to promote their tourist industry. (Jamaica must spend a lot of money on those TV ads.) Why doesn't somebody put out some feelers to these countries, and to our State Department, on the subject.

But -- maybe some of these countries would rather have a case of evaporated milk or a bag of rice? A QSL that I just received from Radio Omdurman contained a handwritten note that spoke of the U.S.A. as "the greatly country in the world" and of the Sudan as "the country of famine through more refugees entering our country daily." Perhaps we can think of a better project to promote "Unity and Friendship" than giving away expensive radio transmitters? Trinidad and St. Vincent could probably wait a while for their shortwave transmitter while we engaged in a somewhat more worthwhile project.

In fact, Jim Conrad (in April '86 CONTACT) gave an estimate of about \$20,000 for a complete set-up -- transmitter, antenna and studio. It would be idle, offensive even, to pretend that there are not a great many places in the world that are in desperate need of things more basic than SW transmitters. On the other hand, there are also a great many places in the world that are in need of a very important resource: communication. In such instances, perhaps it is just possible that we might be of some assistance. This is a sensitive and delicate area which deserves greater attention -- what do you think?

If the transmitter donation idea is to be pursued, then there are a number of issues to be addressed; indeed, in spite of his misgivings, Nelson noted some of them in his letter. A letter from Chris Sweitzer (Gainesville, Florida) goes into considerable detail:

I am in my first year as a NASWA member, and have been following the transmitter project with some interest. I am reasonably new to the hobby, and my technical knowledge is almost nonexistent, but perhaps I can provide some useful input to the discussion.

On the subject of who should receive the transmitter if more than one worthy candidate is agreeable, I feel that it should be made clear from the start that need should be a high priority in the selection process; with the transmitter to go to

the broadcaster whose signal would reach the most people who are currently without MW coverage. If all areas are suitably covered by MW, then the region with the largest population should receive the transmitter, as the intent of the project should be to provide as many people as possible with adequate local coverage rather than create a new "DX target."

Whether this should be a one-time deal or not is a good question. I guess a fund could be set up, and whenever enough money is in it to buy a new transmitter, we could go looking for a worthy broadcaster.

If we set criteria for selection of the "winning" broadcaster rather than have a vote or committee select the recipient, we should be able to steer away from political questions concerning our choice. NASWA's only political goals should be to further the spread of information via SW radio to as many people as possible. This goes back to the idea that the transmitter should go to the broadcaster who will reach the most people (or most new people).

If you want people to accept these transmitters, I'm not sure how we could attach strings (like retaining ownership in the event of the cessation of operations) and still get the station to accept a transmitter. Any lawyers out there? Perhaps we could draw up an agreement to rent the station the transmitter in perpetuity for US\$1 a year, with the station wholly responsible for operating and maintenance costs. As for repossession of unused transmitters, would you like to lead an expedition to a developing country in the midst of a revolution to move hundreds of pounds of specialized equipment? It's going to take something more than someone hopping a jet with an empty suitcase to carry it home in.

I like the idea of a QSL bureau. Perhaps, to spread the load, it could be organized like the REPORTS sections of FRENEX with a distributing "editor" farming out the load to a group of individuals. This does create other problems, though, such as increased postage costs and a need for multiple copies of station logs. I am no artist, but I am including a sample generic QSL card that could be used for more than one station.

Well, I'm all out for now. I would be interested in being on a committee dealing with this question, although I'm not sure I have the SWL experience or technical knowledge. [I'm not sure I do either, but does that stop me? -- sgm] I guess I could always be on the QSL bureau.

I would like to say in closing that I have enjoyed FRENEX and your column, and they have increased my enjoyment of SWL.

First off, for your very kind words, many thanks. Second, I think that you have raised a number of interesting points: it would, indeed, be interesting to hear from lawyers (and engineers) about this proposal. I don't have room to reproduce your QSL and I'm sorry - it's a good idea.

Well, that is about all there is for letters -- very fine they are. I hope that you will take a moment to drop CONTACT a line or two: both CONTACT and FRENEX thrive on your contributions. To readers and writers alike, as always, my deepest thanks.

### \$ \$ CONTACT NOTES \$ \$

At various times I have taken the liberty of exhorting NASWA membership to contribute loggings to UPDATE and LOG REPORTERS. Now, as a rule, I deprecate public confession as unseemly and needlessly embarrassing, permit me to say that there is a certain individual who has ignored his own exhortations -- yours truly. (How shameful.) This iniquitous oversight has been corrected. If you have neglected this matter, it is not too late. Making and sending reports is an entirely painless process. And who can deny the pleasure of seeing your own name in print? More than that, FRENEX and NASWA benefit from your contributions. Don't delay --

### CONTRIBUTE

I have a number of sample forms for reporting -- I'll send them to you if you drop me a line asking for them.

73--





# Easy Listening

Editor: Alex Batman, 4636 Alvin Dark, Apt. 2, Baton Rouge, LA 70820

Just a brief note before I begin. I am trying to convince Deutsche Welle and Radio France International that there would be an audience for programs in Special German and Special French (like the VOA's Special English). If you have a smattering of some language that you would like to hear broadcast slowly and distinctly (French, German, Spanish, Italian, Whatever), please write to those stations and express your desire for special broadcasts.

## SUNDAY

1515-1600: "Concert Hall" (BBC). Some of the best in classical music presented with a brief background comment about each piece. Selections featured so far have been from Stravinsky, Hayden, Bach, Brahms, all the "biggies", and even some like Michael Hayden, John Stanley, and John Hebden. (If Handel had been a ham operator, how would he have answered the question, "What's your handle there, Old Man?") (15.260/15.400)

0245-0300: "The Sower" (HCJB). Self described as "Delightfully different and so refreshing". Usually begins with a comment which an inspirational song illustrates, and then an exegesis of a Biblical text. Past texts have included the parable of the householder, the parable of the net, and the story of Salome and John the Baptist. This is not an HCJB produced program, but provided by the Michael Guido ministry in Georgia. (9.870/6.230)

## MONDAY

0120v-0125v: "Human Rights in Argentina" (RAE). A historical and political analysis of the Human Rights movement in Argentina, its beginnings in the twentieth century, its goals, how it suffered under the Gaudiere Presidency, how it now protects the rights of citizens. Sometime on at 0140; sometimes not on at all. (9.690/11.710).

0320-0325: "Science and Economy" (Radio Sofia). A rubric that allows inclusion of feature stories in both science and technology and in economics. Past features have included a focus on the Bulgarian Pharmaceutical Institute, a new theory about the possibilities of nuclear winter, foreign investments in Bulgarian, and Bulgarian exports. This sometimes precedes "Time Out for Sports" and sometimes follows it. (7.115)

## TUESDAY

0120v-0125v: "Shows and Books" (RAE). An analysis of the most important books and hit plays in Argentina (most of the plays being performed in Buenos Aires). For novels, there is usually a brief biography of the author, a summary of the book and some critical analysis. For plays, not only is there a summary of the plot, but also information about the actors and actresses, the director, producer, and any notable problems with the production. Like all RAE programming there is a problem with predictability. (9.690/11.710)

0230-0300: "Masterpiece Theater of Radio" (BBC). This is not the

official title of the program. I'm not even sure it has one. But that's essentially what it is. The program is a radio dramatization of well known English novels. They have just finished a twelve part adaptation of Pride and Prejudice (up to usual Masterpiece Theater Standards) and are now beginning E. W. Hornung's Raffles (about a gentleman jewel thief). Previous to Pride and Prejudice, they produced Roald Dahl's Charlie and the Great Glass Elevator (a sequel to Willie Wonka and the Chocolate Factory). If I ever seem biased in favor of the BBC, you're right; I love the Beeb (except for its @#\$\$\* QSL policy). (6.175/5.975/9.515)

#### WEDNESDAY

2215-2225: "Musical Panorama" (R. Vilnius) The program usually features performances of classical music by Lithuanian artists, composers, or musicians, or works by musicians of other nationalities being performed in Lithuania (usually, but not always, Vilnius). There are usually two or three excerpts per program, each about one minute in length. (7.400/9.685/11.790)

0230-0245: "A Look at Chinese History" (Voice of Free China). When I first began listening to this program somewhere around February or March, they were involved in an extensive analysis of the Han Dynasty (around 100-250 AD). More recently they are concentrating on the decentralization of China that followed the collapse of the Han Dynasty around 300 AD. Analysis is not limited to political and military history, but also cultural, economic, and scientific as well as sociological history. Thorough and fascinating with refreshing breaks of classical Chinese music. I'm sorry I no longer have the same good excuse to listen. (5.985/9.680/11.740). Repeated at 0730 on 5.985 and on Thursdays at 0330 on 5.985/9.680/11.740)

#### THURSDAY

2315-2330: "Merchant Navy Program" (BBC). A collection of feature stories of concern to those involved in the shipping trades: problems in decreasing ship production, decrease in Merchant trade, the sinking of the Michael Lernetov some months ago, etc. Also includes "Merchant Navy News Desk", five minutes of the most important shipping news from the past week (quite often the sinking of ships near Kharg Island). (6.175/5.975/9.590)

0130-0150: "Radio Bridge" (Radio Moscow). This program began about a year ago when the citizens of Kittimat, a small town in British Columbia, sent Radio a Moscow a tape asking for a dialogue with the citizens of a Russian town of about the same size (which became Pushina). Since then other tapes have been received from Kittimat and other places, and some of the topics of the dialogue have included the nuclear arms race, ecology, amateur astronomy, and questions to a Russian folk singer. If you have a topic of interest that you would like to know more about from the Russian point of view, send a cassette tape to "Radio Bridge", Radio Moscow, and you'll likely get a dialogue with a Russian citizen or citizens. Some of the programs are repeats primarily for lack of new tapes. (7.115/9.600/9.700 et. al.)

#### FRIDAY

1230-1245: "Open to Question" (Radio Australia). A series of documentary features on topics of current interest in Australia, including

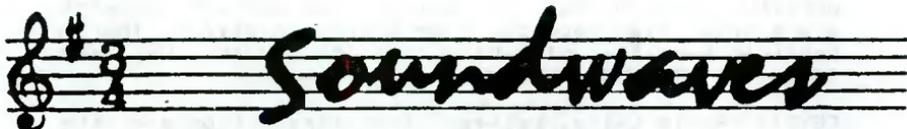
education (new research, new techniques), ecology, public radio, and other subjects of interest. As of May 23, they have begun a series of programs featuring Nazis in Australia (both the indigenous kind and those who escaped from Europe at the end of World War II). (9.580/6.060)

0255-0320: "The Friday Report" (Radio Nederlands). This is pretty much the same as "The Wednesday Report" except on Friday. It is a series of feature stories, all of which must have some kind of relation to the Netherlands rather than merely being of international significance. Past features have included the preservation of and use of windmills in Holland as cheap energy sources, preparations for (and opposition to) Amsterdam as a possible site of the 1992 Olympics, exhibits and cultural events in Holland, and the recent auction of the fine china that was salvaged from a Dutch ship that sank 200 years ago in the South China Sea. Lively, upbeat. (6.165/ 9.590. Broadcast earlier from Flavo transmitters at 0155 on 6.020/9.895 and later for West Coast from Bonaire on 6.165/9.715)

#### SATURDAY

2230-2300: "Soundabout Spin-off" (Radio Australia). Much as the title suggests, this is merely a half-hour version of soundabout. The best in 1980's New Wave, Heavy Metal, and Punk, as well as an occasional oldie. Also includes a lot of music industry tidbits of news and gossip between songs. (15.320/15.395/17.795)

0200-0230: "Songtime" (HCJB). An inappropriately titled program. There are usually no more than three songs per program, including "The Songtime Song of the Week" around 0215. The first fifteen minutes of the program is usually a feature of current interest: the growth of the Evangelical Church in Korea, the fight against Communism and Khadaffy, Amsterdam '86 (the Billy Graham sponsored Conference of Itinerant Evangelists this summer in Amsterdam). After the song of the week, there is an interpretation of a Biblical text and its application to daily life. A collection of these sermons is available under the title The Doctrine of Spirituality. There is also a pamphlet available on the right techniques of prayer and the right frame of mind in which to enter it (which I impishly want to call How to Win Friends in High Places and Influence Deities.) Also a pre-taped program, not HCJB produced. (6.230/9.870).



# Soundwaves

Editor: Paul Lannuler, 25 MacArthur Ave., Closter, NJ 07624

Greetings. Now that the weather is starting to mellow, it's getting more and more difficult to sit inside in front of a stack of radios. Actually, sitting behind a growing stack of empty beer cans is becoming a favorite pastime with me (hi!).

## MAIL:

I received a couple of music tips from Peter Dillon (Columbia, MD). "I discovered a great folk music program on the CBC Northern Quebec Svc.. It's called 'Simply Folk' and features folk music from North America and the British Isles, with occasional selections from Brittany and other parts of Europe. The program is broadcast every Saturday 1800-1900 UTC on 9625/11720 kHz and reception here in Maryland is good on both frequencies." (Here in New York, 9625 seems to work better.) In another letter, he mentions Folk Box on Radio Moscow's World Service, which features regional USSR ethnic music. It is heard on Thursdays at 0730, 1430, 1830, & 2130; Saturdays at 1430; and Sundays at 0730 UTC. Find it on your favorite Radio Moscow frequencies, which vary with location and time. [I should mention that Peter was gracious enough to send three separate post cards, each with some decent tips and questions. I appreciate the time and energy (and postage) spent, and encourage more people to contribute with this sort of enthusiasm. And not just to this column, but to ANY column.]

Michael C. Byrne from Charters Towers, Queensland, Australia, wrote to me last month and mentioned that he was very impressed with a sample copy of FRENDX that he received. He says that the variety of music available on shortwave was one of the things which attracted him to DXing 30 years ago. The following are some tips that Michael sent along (he didn't include frequencies; those listed are via WRTH 86):

CZECHOSLOVAKIA: "Radio Prague English Language Service. Every Saturday and Sunday, usually from the 40th to 58th minutes of the programme, Radio Prague features 'Spin the Disc' on the last weekend of the month and 'Made in Czechoslovakia' on other weekends. 'Spin the Disc', presented by Milos Skalka, plays cover versions in English of Czechoslovakian pop and country/western music released on the "Supraphon" label. 'Made in Czechoslovakia' plays a wide variety of music popular in the country, usually linked by a theme, such as "The Golden Lyre Award" or "The Young Song Competition". At the end of the show, there is a short quiz based on the

previous programming. The prizes for correct answers are single play records from Czechoslovakia." (North American Service: 0100-0157 UTC, 5930/7345 kHz; and 0300-0357 UTC, 9540/9630/9740/11990 kHz.)

EGYPT: "Radio Cairo, between the introduction and the news 15 minutes later, plays music, usually in Arabic, which is popular in Egypt. The music encompasses an extensive range of music available in Egypt." (English: 0200-0330 UTC, 9675 kHz; 1215-1330 UTC, 17675 kHz; 1630-1830 UTC, 15255 kHz; 2030-2200 UTC, 15375 kHz; 2115-2245 UTC, 9805 kHz.)

ISREAL: "Although Kol Isreal's Sabbath Eve programme, 'Thank Goodness It's Friday' is not basically a music programme, every Friday it features Sabbath Eve songs and ecclesiastical music from Isreal and the Diaspora. The music is played in a variety of forms, such as traditional chanting, country and western, rock, and folk. If you feel that liturgical music may be dull, be sure to listen to 'T.G.I.F.' and you will find that it is more contemporary than you think. If the music concerned is relevant to the concept of the programme, 'T.G.I.F.' will occasionally play musical requests. 'Shabat Shalom' is another Sabbath programme, but plays requests of a more secular nature. 'Thank Goodness It's Friday' is part of the Home Service and can be heard in Isreal; but, 'Shabat Shalom' is intended mainly for the Overseas Service, and therefore can only be heard on shortwave." (To North America: 0000, 0100, 0200 UTC, 5915/7410/9435/9815 kHz; 0500 UTC, 7410/9009/11605 kHz; 1100 UTC, 17590 kHz; 1800 UTC, 9385/11585 kHz; 2000 UTC, 9435/9815/11605 kHz; 2230 UTC, 5880/7410/9435/9815 kHz)

SPAIN: "One of the most definitive programmes of pop music on shortwave is Spanish Foreign Radio's 'Spanish Hit Parade', one of the final programmes during transmissions in English to North America on Saturday (USA time). The show is compiled from charts prepared by Spanish newspapers, magazines, and local radio stations. On 'Spanish Hit Parade', you can expect to hear anything from Reggae to Heavy Metal. Although shortwave does not do it sufficient justice, the production standard of Spanish pop music is excellent. My only criticism of the programme is that a more comprehensive synopsis of the Spanish lyrics could be given." (0000-0200 UTC, 9630/11880 kHz; 0500-0600, 6125/9630 kHz)

My sincere thanks to Michael for the above info.

One last bit that I received concerns the HCJB show, 'Saludos Amigos'. I would like to credit someone for sending

it, but no name was enclosed. Whoever it was, I extend my gratitude to you. Anyway, 'Saludos Amigos' can be heard UTC Wednesdays at 0200 on 6230/9870 kHz; and at 0630, on 6230/9870/11910 kHz. The show features music and letters from around the world. Its purpose is "to promote international friendship and understanding, establish a closer relationship between HCJB and its listeners, and to provide an opportunity to present the Christian faith to listeners."

**OTHER NOTES:**

I'm curious as to how many people took the opportunity to check out different news reports on the recent USA/Libya conflict. I was amused to hear some of the differing views on the subject from various countries, most of them anti-US. Unfortunately, I was unable to receive anything in English from Libya...that would have certainly been worth a few good laughs. (Actually, my opinion is that the US did make a mistake. They should have leveled the whole country! But, let's not get into politics here...)

On a more serious note, I was saddened to hear of the recent passing of C.M. Stansbury III. His columns for the now-defunct Elementary Electronics magazine (as well as many other publications) helped fuel my interest in radio listening back when I was a young pup, and I'm sure his work for the hobby left a mark on thousands of others. We will all miss him.

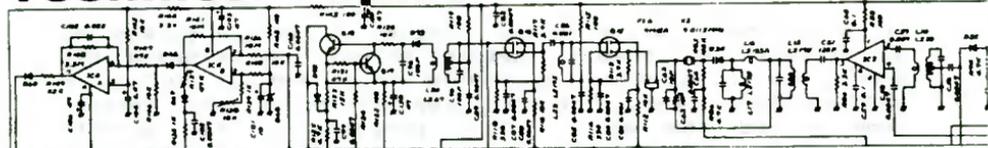
Until next time, 73's,

*Paul*

---

The Cascade Mountain DX Club in Washington State has a new mailing address: CMDXC, 3721 27th Pl. W. #301, Seattle, WA 98199. This club publishes the SW Monitor, a twice-monthly newsletter for Pacific Northwest DXers & SWLs (including those in British Columbia). For information and a free sample newsletter send a SASE to the above address, or call (206) 284-9592.

# Technical Topics



Editor: T. J. "Skip" Arey, WB2GHA, 24 LeJune, Cinnaminson, NJ 08077

## THE BOYS OF SUMMER OR HOW COME THEY DON'T SELL FLEAS AT FLEA MARKETS

As I sit here typing my little heart out the TV in the shack is playing in the background. My local UHF outlet is showing Kelly's Heros. So what is the significance of this event? My local station runs Kelly's Heros every spring. Spring is the begining of the flea market and swap meet season. Whilst my loving wife is scouring the local garage sales for household items your humble editor is traveling far and wide in search of hamfests and computer flea markets.

No serious radio hobbyist can last through the summer without wandering amongst the tables of a good electronics flea market. But I sense a question rising... Yes...You, way in the back. Whats that???? How do you locate a hamfest or computerfest??? No problem sport. There are so many gatherings that you can walk in any direction and trip over one if you're not careful. The best way to find out about your nearest radio flea market is to look in any of the Amateur Radio publications. QST, CQ, or 73 magazine all list nationwide directories of hamfests. Also many of these are also billed as computer flea markets so they sometimes appear in computer magazines. CQ and 73 can be found on newstands so they are probably the best immediate source. You might also try to contact any amateur radio operators you know or look up your local ham radio club. Many clubs hold swap nights or even full on hamfests. Armed with this information you are prepared to enter the wonderful world of good old fashioned hog trading and horse stealing where capitalism and caveat emptor reign supreme. Hamfests and computer flea markets are great sources of all manner of electronic stuff, some of it even useful. So hang in there troops and lend an ear to...

### OLD UNCLE SKIP'S GUIDE TO ELECTRONIC FLEA MARKETS

#### Rule #1: PLAN AHEAD

Once you have decided where your going give some real hard thought to what you're going to do when you get there. Make yourself two lists. One list for what you need (Tubes for existing rigs, parts, particular equipment) and one list for what you want (Radios you might buy if the price is right). Look through parts catalogs and radio magazine classifieds to determine reasonable prices and make note of them. This tactic will help to suppress the "eyes are bigger than the bankroll" syndrome that has spoiled so many marriages with those words "Hey honey...look what I found"! Knowing what you're looking for and what you are willing to spend will make your day most profitable in the long run. Since I am fond of older gear and have a R-390A to feed, I always take along a list of the tube compliments of my gear. If you have any transmitting gear don't fall for "matched" transmitting tubes. After all, thats what neutralizing capacitors are for. You will usually find such reasonable prices on most components that if you end up with one or two failures you will still be ahead of the game.

Also it is very important to give some consideration to how you are going to carry this gear home. Take along a small backpack or "lil' ole ladies" shopping bag to carry components, books etc. Your pockets and arms fill up quickly at these shows. If you buy any big gear be courteous and take it off the sellers hands at the time of purchase. That's why car trunks were invented. You're not going to want to lug an HQ-180 around all afternoon. Be sure you don't make the mistake one young novice made once. He rode to a hamfest with a carload of people, bought a big rig and had to turn around and sell it in the parking lot because with all the people in the car there was no place for the radio. (He sold the rig in the parking lot for \$10 more than he bought it for so it was a bittersweet loss).

### Rule #2: GO EARLY

In all my years of going to these events I have never seen a radio flea market that was not picked over by 11:00 AM. Be there for opening if you want to get what you came for. I once put out a table and the other sellers bought me out before the show opened. I spent all the money I made on stuff I wanted by 9:30 AM.

Even with this admonishment to show up when the gates open, haste makes waste. Take time to look around. With few exceptions never buy the first item you see at the price you see it for. You will walk in the gate and buy a Hawkzoomie 5000 receiver for \$50 only to find one just around the corner for \$25. This is especially important advice when looking at surplus gear as the prices vary greatly. At one show I saw six different vendors selling R-390A's at prices varying from \$125 through \$450 (The cheap one looked better too). Unless the item you are seeking is really popular, hang loose, you've got all day. Just make sure you are there early enough to take full advantage of it.

Just a side note. Eat a big breakfast as the food at these shindigs is usually just passable and expensive. It wouldn't hurt to throw a thermos and a sandwich in that bag you are carrying around for purchases.

### Rule #3: DON'T BE AFRAID TO HAGGLE

Very few prices are firm. But also, if you've done your homework, don't insult the seller with a silly offer. I like to work out combinations. That is buying more than one item from a vendor and talking him down because I'm such a nice guy for doing it. If something you are seeking is relatively plentiful, wait until later in the day (Now your glad you brought the sandwich). An absolute law of flea marketing is that most sellers do not want to load this stuff back in the cars and cart it home. As the day wears on, the prices will drop. If you offer someone a low price in the morning he or she might say to you "Come back at 3:00 and ask me again". Also pay attention to the seller who has unloaded at lot of gear during the day. He is usually in good spirits from the killing he has made and is so busy thinking of how he is going to spend his money that he will be happy to hear your offer. Also, funny things happen at hamfests. An oldtimer might be holding firm for \$100 on a rig for most folks but when an obvious novice asks the price drops to \$35. There is still a great spirit in the amateur community. The only people who will not haggle are the commercial vendors but don't ignore them as they often run "flea market specials" on new gear, often up to 20% off so. So keep your eyes and ears open.

### Rule #4: THERE WILL BE OTHER FLEA MARKETS

Haggling is half the fun of these events but never be intimidated into buying something because you think you will never get a good deal in the future. This is a hobby folks. You don't need this hardware to keep your heart pumping. Even the rarest radio at the show will be at the next one if the guy doesn't come down in price. If you have really looked into the market place and know what the thing is worth, stick to your guns and make sure you are near the guys table at the end of the day. If you wander back to a table only to find the rig of your dreams walking off in someone elses hands, ain't no big thing. Just put it on the top of your list for the next time.

### Rule #5: ENJOY YOURSELF

For some people, this is the most fun in the hobby. Not only do you have a great day window shopping, haggling and buying, you meet people. You get to tell how you heard Radio Nibbi Nibbi to people who will understand what you're saying. You will soak up the vibes. (sorry, I grew up in the sixties). Just like DXing, we're in it to have fun!

If you keep to these simple principles you will have a great flea market visit and bring home all manner of goodies at a price that will even please your spouse. You married types might be interested to know that many hamfests have a few XYL vendors who specialize in selling gifts to give your spouse so she will not notice that you second mortgaged the house to acquire that old boat anchor.

### A WORD ON RADIO CONVENTIONS

This is also the season of great radio club conventions. Stay tuned to the pages of your favorite club magazines to find these gatherings of like minded souls. Conventions give you a chance to learn more about your chosen hobby in one weekend then you can learn in a year of personal study. Look for your humble editor at ANARC and at the National Radio Club Conventions. Be there or be square.

Keep those cards and letters coming folks.

# NASWA Awards Program

Awards Chairman: John M. Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

Tis past the Ides of May, which means time to prepare another Awards Page. The following folks earned NASWA Awards during the month of April 1986:

Ken COBB, Portland, ME: Australian DXer

Richard DAVIS, Portales, NM: Papua New Guinea DXer; African Continental DXer

Martin FOLTZ, Newport Beach, CA: Asian Continental DXer; South American Continental DXPert; Arab World DXer; Senior DX Centurian; Emissora Nacional DXer; All Continent "QRP" DXer (25 Kw); Maple Leaf DXer; North American Continental DXPert

Harold LEVISON, Philadelphia, PA: European Continental DXer; World Wide DXer; Ecclesiastic DXer

Terry J. PALMERSHEIM, Columbia Heights, MN: All Continent "QRP" DXer (5! Kw); African Continental DXer

## \*\*\*\*KAP'S KOMMENTS\*\*\*\*

June will mark our second year of holding the position of Awards Chairman for NASWA. It's been a good 2 years for me, I've really enjoyed administering what I truly feel to be the best Award Program in the hobby today. I hope that the next 2 (and 22) years will be the same. The "job" is fun, and we intend to keep it that way for all concerned.

A reminder that the 1986 edition of the NASWA Country List and Awards Program booklets are now available. Cost is \$2.00 in North America, \$3.00 or 4 IRC overseas. We have an ample stock at hand ready for immediate shipment.

A reminder, Antarctica is not needed for the "QRP" Awards.

Several inquiries have been received regarding the Time Station Awards we announced several months ago. For these Awards, and these Awards only, stations that do not give a voice ID are acceptable. Examples of these are such as MSF in England and Y3S in the German Democratic Republic. For the old timers, WWV-Maryland and WWV-Colorado count as 2 stations.

QSL Notes - When reporting to any station that has multiple transmitter sites, be sure to request that the site be mentioned on the QSL. As an example, Radio France International has sites in 3 countries - France, Gabon and French Guyana. Radio Beijing will often QSL reports for the various Regional Stations in the People's Republic of China. Ask nice and send a detailed report. Tape recordings are acceptable. I personally suggest using cassette tapes, which are universal these days. Many stations do not have facilities to play reel-to-reel tapes, especially at non-standard speeds.

Our thanks to Gerry Dexter for mentioning the NASWA Awards Program in the June issue of Popular Communications. Popular Communications' information, while not as timely as FRENDX and Update, is often valuable.

Speaking of Gerry, his new "Secrets of Successful QSL'ing" book is a must for any QSL or Awards Collector. Cost is \$10.95 postpaid in the U.S., \$11.95 overseas. U.S. Funds only. Available from: Tiare Publications, PO Box 493, Lake Geneva, WI 53147 USA.

Till next time,

BEST,





## Computer Corner

Editor: Bill Cole / 107 Charles Street / N. Cape May, NJ 08204

### GRAYLINE DX

This month we again hear from John Auer of Brock University in St. Catharines, Ontario. Grayline DX is an adaptation of Twilight Listening which computes, with a high degree of accuracy, grayline paths. The user enters the name of the DX location, longitude in degrees and minutes, latitude in degrees and minutes as well as a time of day for which no darkness path or grayline can exist. The program then produces a print-out of weekly grayline conditions to the DX location for the year 1986. (With slight modification other years can be calculated.)

The information generated by the program includes day of the year, number and time of morning grayline hops, number and time of evening grayline hops, number of polar hops, distance of the path and total number of hops on the path. When the number of AM or PM grayline hops equals the total number of hops, grayline conditions exist.

John reports that the program takes about 12 seconds to run on a Burroughs Mainframe. A machine language version in 'Fast' mode on the Commodore 128 takes over 40 minutes to perform the computations. In Basic, this is substantially longer. The nice thing is that the print-out covers the whole year. You only need to run the program once for each location you wish to compute. You then can keep your print-outs in a folder or 3 ring binder.

```
10 SCNCLR:PRINT"USE - SIGN WITH WEST LONG. DEG. & MIN."
15 PRINT"AND SOUTH LAT. DEG. & MIN.":PRINT
20 PRINT"X-MITTER: NAME, LONG. DEG, LONG. MIN,":PRINT"LAT. DEG, LAT. MIN"
25 PRINT:INPUTR5$,R1,R2,R3,R4:OPEN2,4:PRINT#2,R5$:R1:R2:R3:R4
30 PRINT:PRINT"ENTER UTC [0-23] FOR WHICH THERE IS NO"
35 PRINT"DARKNESS PATH. IN MOST PLACES THIS CAN"
40 PRINT"BE THE UTC OF NOON AT THE RECEIVER.":PRINT:INPUTN1:IFN1>23THEN30
45 PRINT#2,"UTC WITH NO DARKNESS PATH.":N1
50 FAST:REM FOR COMMODORE 128 ONLY, OTHER COMPUTERS DELETE
55 P=4*ATN(1):N1=N1+0.01:L3=(R1+R2/60)*P/180
60 L4=(R3+R4/60)*P/180:PRINT#2,"OPTIMUM DAILY PATHS FOR TRANSMITTER ";R5$
65 PRINT#2,"NUMBER OF HOPS GIVEN (#AM, #PM) IS TOTAL TWILIGHT HOPS."
70 PRINT#2,"AM/PM REFER TO UTC OF NOON AT AVERAGE LONGITUDE."
75 PRINT#2,"#P IS THE NUMBER OF POLAR HOPS ON THE OPTIMAL PATH.":PRINT#2,"
80 PRINT#2,"DAY #AM FROM TILL #P #PM FROM TILL #P":PRINT#2,"
85 PRINT#2,"AM/PM REFER TO UTC WITH NO DARKNESS PATH."
90 FORI=1TO53:FORB=1TO2:M1(B)=0:M2(B)=0:M3(B)=0:M5(B)=0:NEXTB:M4=0:D=7*(I-1)+1
95 FORG=1TO48:U=0.5*G+N1-0.01:IFU<=24THEN105
100 U=U-24
105 IFN1>=12.01THEN125
110 N2=12+N1:IFSGN((U-N1)*(N2-U))=1THEN120
115 B=1:GOTO140
120 B=2:GOTO140
125 N2=N1-12:IFSGN((U-N2)*(N1-U))=1THEN135
130 B=2:GOTO140
135 B=1
140 IFABS(U-(N2-0.01+0.5))>0.01THEN150
145 M4=0
150 S=23.44*SIN(6.28318/365*(D-80)):S1=S*P/180
155 L1=-79.25*P/180:L2=43.25*P/180:REM L1=LONG. OF RECEIVER, L2=LAT. CHANGE
160 REM FOR YOUR LOCATION. USE THE - SIGN WITH WEST LONG. AND SOUTH LAT.
165 K=279.367+0.985647*D:REM K=MEAN LONG. OF SUN FOR 1986. TO OBTAIN K FOR
170 REM OTHER YEARS, CONSULT "THE ASTRONOMICAL ALMANAC"
175 K1=K*P/180:E1=-105.4*SIN(K1)+596.2*SIN(2*K1)+4.3*SIN(3*K1)
180 E2=-12.7*SIN(4*K1)-429.2*COS(K1)-2.1*COS(2*K1):E3=E1+E2+19.3*COS(3*K1)
185 E=E3/3600:N=0:T=W=0:D9=ABS(L1-L3):IFD9<=PTHEN195
190 D9=2*P-D9
195 IFABS(D9)>0.01*P/4THEN205
```

```

200 R=ABS(L4-L2):GOTO230
205 IFABS(D9-P)>0.01*P/4THEN220
210 R=P-L2-L4:IFR<=PTHEN230
215 R=2*P-R:GOTO230
220 C1=COS(P/2-L2)*COS(P/2-L4)+SIN(P/2-L2)*SIN(P/2-L4)*COS(D9)
225 Z=C1:GOSUB385:R=Z1
230 X=6370.16*R:IFX<4000THEN240
235 H=1:GOTO275
240 IFX<8000THEN250
245 H=2:GOTO275
250 IFX<12000THEN260
255 H=3:GOTO275
260 IFX<16000THEN270
265 H=4:GOTO275
270 H=5
275 FORJ=1TOH:R6=0.5*R/H+(J-1)*R/H:IFABS(D9)>0.01*P/4THEN300
280 IFL4>L2THEN290
285 L6=L4+R6:GOTO295
290 L6=L4-R6
295 L5=L1:GOTO375
300 IFABS(D9-P)>0.01*P/4THEN335
305 IF(L2+L4)<0THEN315
310 L6=L4+R6:GOTO320
315 L6=L4-R6
320 IFABS(L6)<=P/2THEN330
325 L5=L1:L6=SGN(L6)*P-L6:GOTO375
330 L5=L3:GOTO375
335 C2=COS(P/2-L4)*COS(R6)+C3=SIN(R6)*(COS(P/2-L2)-COS(P/2-L4)*COS(R))/SIN(R)
340 C4=C2+C3:Z=C4:GOSUB385:R7=Z1:L6=P/2-R7
345 C5=(COS(R6)-COS(P/2-L4)*C4)/(SIN(P/2-L4)*SIN(R7)):Z=C5:GOSUB385
350 R8=Z1:IFL3>L1THEN370
355 L5=L3+SGN(P-ABS(L1-L3))+0.00001)*R8
360 IFABS(L5)<=PTHEN375
365 L5=L5-SGN(L5)*2*P:GOTO375
370 L5=L3-SGN(P-ABS(L1-L3))+0.00001)*R8:GOTO360
375 GOSUB415:IFJ<>NTHEN600
380 NEXTJ:GOTO600
385 IFZ<>0THEN395
390 Z1=P/2:GOTO410
395 IFZ<0THEN405
400 Z1=ATN((SQR(1-Z*Z))/Z):GOTO410
405 Z1=P-ABS(ATN((SQR(1-Z*Z))/Z))
410 RETURN
415 V1=COS((90.83333)*P/180)/(COS(L6)*COS(S1))-TAN(L6)*TAN(S1)
420 V4=COS((108)*P/180)/(COS(L6)*COS(S1))-TAN(L6)*TAN(S1):IFABS(V1)>1THEN430
425 Z=V1:GOSUB385:V2=Z1:V3=V2*180/(15*P)
430 IFABS(V4)>1THEN440
435 Z=V4:GOSUB385:V5=Z1:V6=V5*180/(15*P)
440 L9=L5*180/(15*P):IFL9>0THEN450
445 L9=24+L9
450 IFABS(V1)>1THEN495
455 U1=0.99727*(12-E-L9+V3):U2=0.99727*(12-E-L9-V3):U(1)=U1:U(2)=U2:FORK=1TO2
460 IFU(K)>24THEN475
465 IFU(K)<0THEN480
470 GOTO485
475 U(K)=U(K)-24:GOTO485
480 U(K)=24+U(K)
485 NEXTK:U1=U(1):U2=U(2):U3=INT(ABS(U1))*SGN(U1):U4=(U1-U3)*60
490 U5=INT(ABS(U2))*SGN(U2):U6=(U2-U5)*60:GOTO510
495 IFL6>S1)=0THEN505
500 W=W+1:GOTO535
505 GOTO595
510 IFU1<=U2THEN520
515 U2=24+U2
520 IFSGN((U-U1)*(U2-U))<>1THEN530
525 GOTO535
530 IFSGN((U+24-U1)*(U2-U-24))<>1THEN595
535 N=N+1:IFABS(V4)>1THEN590
540 U7=0.99727*(12-E-L9+V6):U(7)=U7:U(8)=U8:FORK=7TO8
545 IFU(K)>24THEN560
550 IFU(K)<0THEN565

```

```

555 GOT0570
560 U(K)=U(K)-24:GOT0570
565 U(K)=24+U(K)
570 NEXTK:U7=U(7):U8=U(8):IFU7<=U8THEN580
575 U8=U8+24
580 IFSGN<(U-U7)*(U8-U))=1THEN595
585 IFSGN<(U+24-U7)*(U8-24-U))=1THEN595
590 T=T+1
595 RETURN
600 IFN<>HTHEN650
605 IFT<=M1(B)THEN615
610 M4=T:M1(B)=T:M2(B)=U:M3(B)=U:M5(B)=W:GOT0655
615 IFT=M1(B)THEN635
620 IFM4<M1(B)THEN645
625 M3(B)=U-0.5:IFM3(B)>=0THEN645
630 M3(B)=23.5:GOT0645
635 IFM1(B)=0THEN645
640 M3(B)=U
645 M4=T:GOT0655
650 M4=0
655 NEXTG:PRINT#2,USING"###      ";D:PRINT#2,USING"#"      ";M1(1);
660 PRINT#2,USING"###.#      ";M2(1),M3(1):PRINT#2,USING"#"      ";M5(1),M1(2);
665 PRINT#2,USING"###.#      ";M2(2),M3(2):PRINT#2,USING"#"      ";M5(2):NEXTI
670 PRINT#2,"":PRINT#2,"DISTANCE IS";X;"- NUMBER OF HOPS IS";H;
675 PRINT#2,"- PROGRAM COMPLETE.":CLOSE2:PRINT:PRINT"PROGRAM COMPLETE."
680 SLOW:REM FOR COMMODORE 128 ONLY, OTHER COMPUTERS DELETE
685 END

```

John C. Auer  
 5 Vergorde Circle  
 St. Catharines, Ontario  
 Canada L2T 2P1

ED's NOTE: Due to the amount of information generated by this program, it is not possible to include a sample of program output to check your typing results. Send your editor a SASE for a sample print-out to check your results.

\*\*\*\*\*

## NOW AVAILABLE!! COMPUTER SELF ADHESIVE ADDRESS LABELS WITH LETTER QUALITY TYPE!

ONLY \$1.50 PER 100. IMMEDIATE DELIVERY.  
 FOREIGN ORDERS PLEASE ADD \$1.00 ADDITIONAL.

GREAT FOR ENCLOSING IN RECEPTION REPORTS!

UP TO 4 LINES OF TYPE & 32 CHARACTERS IN EACH LINE.

LINE 1 -----

LINE 2 -----

LINE 3 -----

LINE 4 -----

SEND CHECK OR MONEY ORDER TO:

Sample Label 3/5" x 15/16 >>>>

Mr. Larry Yamron  
 351 Churchill Road  
 Pittsburgh, PA 15235  
 U.S.A.



# Listeners Notebook

GLENN HAUSER, P.O. Box 490756, Fort Lauderdale, FL 33349

**PROPER CREDIT** Other publications and broadcasters may use material from LN, provided due credit be rendered to the original reporter and the NASWA Listeners Notebook. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBC permission. The most important items have been broadcast immediately on WORLD OF RADIO or SWL DIGEST, not otherwise mentioned herein. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Material for LN should be marked as such each time, not just on the envelope, as input for other gh outlets also comes to Box 490756. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only, and do not mix LN items with other correspondence. All times, dates and days are day/month GMT = UTC, u.o.s. Please do not ask me for advice on receivers or other equipment. Thanks (gh)

**AFGHANISTAN** Bakhtar nx agcy, Kabul, reported in EG 11/4: Right now over 50 radio stns are functioning against Afgh. CIA has further intensified operating special offices of subversive radio stns Liberty, Free Europe, and the so-called Radio Free Afghanistan, in Pakistan. Currently, preliminary work is underway for construction of more such stns of anti-peace and anti-progress in our region. Volume of radio bc against the DRA has increased by 30 times compared to pre-rev days reaching 110 hours daily (WBI 17/4) Exaggerated?

**AUSTRALIA** RA J86 sked shows Indo increased from 7 to 8 hours a day: 09-11 11705 9645, 1230-1430 9645 7265, 21-23 9505 6035, 23-01 15365 11855; also has retimed Std Chinese & Cantonese one hour earlier by GMT to reflect the change to summer time in China (WBI 23/5)

ABC Tennant Creek, 4910, testing 0425-0430 w/relay of ABC, fair sig // 4920 2/5, apparent first day of xmsn (Don Rhodes, ADKN) [Cf Apr LN-12] Victorian nx because I was listening on // Lyndhurst by 1200; my error if I didn't make it clear I was listening on 3lmb channel by 1200 (Richard A D'Angelo, PA)

IPS Sydney has info available on latest propagation condx 24h a day on phone Sydney 2 289 8614; this info from Ionospheric Propagation Services is changed each day at 1000 UTC (Arthur T Cushen, MBE, Apr NZ DX Times) INT'L VACUUM ...

**AUSTRIA** RAI, Vienna on new 9735 \*0600 GM to Au, 0630 EG; E level, obliterating co-channel DW, also in GM to same target. Vienna also on new 11845 to As //9735, G 0600 GM, but QRM Sofia co-channel, 11/5 (Bob Padula, Victoria) There is an embarrassing lack of coordination between these two stns, DW & ORF, also for years clashing on 15320 at 1230 (gh)

J86 sked of the 500 kW xmtr (\* when reduced to 300): 06-07 9735 265° AuAs bylongpath. 07-09 Eu 6155 SSB non-dir. 09-11 Eu 6155\* ND. 11-13 11955 AuAs 85. 13-15 11935 EAs 50. 15-17 9670 SAs/SEAs 95. 17-19 9725\* SAf 170. 19-21 7190\* SAf 170. 22-01 9720 SAm 240. 01-04 9770 NAm 310. 04-06 9755 WNAm 325 (ORF) Despite the power, 9770 & 9755 often squeezed by stronger adjacent stns (gh)

**BANGLADESH** R Bang in EG now traced to 4894 measured kHz, 1533 19/4, M w/Brit accent in natl & world nx & sports, W w/econ rpt. P, RTTY 4895 het (Dale Park, Honolulu HI)

**BELGIUM** RTBF is the bc org of the French-speaking community; extl svc consists mainly of relays/rebcs of DS pgms; ES pgmme output is restricted to feature pgmms not amounting to much more than a total of 18 hours a week. During winter time, all xmsns one hour later than shown:

M-F 0330-0515 Eu/Af 9900 6075, incl 0405-0430 overseas svc msgs. Sat 04-0430 Eu/Af for seamen 9900 6075. Sat/Sun 0430-0515 Eu/Af 9900 6075. M-F 0530-0630 Af 17685 15580. Sat/Sun 0530-0945 Af 17685 15585. Daily 1000-1030 Eu/Af 17685 5965. 1030-1045 daily German nx from BRF-1 Eu/Af 17685 5965. 1045-1200 Eu/Af 17685 5965 incl Seamen pgm Sat 1130-12, DX pgm Sun 1130-12. 12-15 Sun Eu/Af 17675 5965. 15-1545 Eu/Af 17675 6050 incl Mon-Sat svc for Belgians abroad. 16-18 Af 17675 11855 incl Sun 16-1630 pgm for seamen, M-F 16-17 relay of Radio 21, Tue & Thu 1730-18 pgm for missionaries, Fri 1730-18 DX pgm. Sun/Wed/Sat 18-2010 Af 11855 9900 incl Sat 1930-20 seamen pgm. All in FR, uos (WBI 17/4)

**B H U T A N** As per a phone call to Ms Louise Dorji, Deputy Dir, Radio NYAB, they are now suffering from a severe shortage of producers and pgming staff due to the extended sked. Power remains same and they now do not have to share xmtr w/Bhutan Wireless and it remains for their exclusive use (Sudipto Ghose, India, April IDXCI Asian DX Review)

**B R A Z I L** R Nacional, 4732, 4/4 0215-0425 talk about Manaus, ment Radiobrás, bad mod (Björn Fransson, Sweden, DSWCI SW News) Is R Nac Cruzeiro do Sul, ex-4765 (Bernhard Gröndl, DSWCI Ed.)

**B U R K I N A F A S O** Burkina Natl R, Ouagadougou, reported 14/5: dir of the bc corp has been suspended for poor coverage of the arrival ceremony of the All-Women's Motor Race in front of the Presidency of the Republic on 8/5. Comrade Kaobre Marie Thérèse, pres of org committee of AWMR, suspended for poor org of arrival ceremony too. Dir of bc corp also susp for poor cov of the toast given in honour of the chairman of the PLO Yasir Arafat, 8/5. Also (Sigue) Bouraima, Tech Adviser and Ed-in-Chief at the bc corp, susp for laxity and shirking his responsibilities... (WBI 23/5) Like not QSLing...? (hi) (gh)

**C A M E R O O N** AFP reported 29/4 from Yaoundé: Dir & Depy Dir of R Cameroon dismissed 29/4 following wildcat strike action the day before which disrupted strfs pgming w/uninterrupted mx pgm. Listeners deprived of nx Mon morn & mid-day, only explained at 2000 local w/c'qué from Min of Info & Culture Georges Ngango. Illegal strike comes in wake of creation last Sat of a natl TV office by pres decree. New dir, Kome Epoulou, appointed to head R Cam (WBI 9/5)

[Cf Apr LN-27] My unID on 5010 was Garoua; see LR-B p 40 (R A D'Angelo, PA)

**C H I N A** Clipping at right from Winnipeg Free Press, Apr 12, via Ernie Behr (gh) Didn't know that the whole country ran on Peking time; old WRTH until 1980 or 81 always showed 4 time zones, but since 1982 only one, GMT+8. Seems incredible for a country wider than the continental US (Ernie Behr, Kenora Ont) Japanese nxpaper Asahi Shimbun reported 19/4: Central PBS 18/4 said China'd intro summer time this year, starting at 1800 UTC 3/5, finishing 13/9; in future China'd adopt DST every year from early Apr to mid-Sept. China govt also has introed time differential between Xinjiang Uighur Autonomous Region and other regions, since 1/2/86. "Urumqi Time" is UTC+6, Beijing still UTC+8. This info from DX friend Akira Yamanaka, etc. And Kunhiro Nishida I ded time-anmts from Xinjiang PBS on 8/2. Furthermore, Chinese govt has readjusted administrative divisions on a large scale. 30th prov unit (except Taiwan), "Sanxia Prov" newly established in Mar. Has area of 84,000 km<sup>2</sup> incl a part of the area formerly called Sichuan prov, and Hubei prov along the Long River (Yangzi) and a population of 18,000,000. Capital is Yichang, formerly

## China to switch to daylight-savg

By Michael Browning  
Knight-Ridder Newspapers

PEKING — China is moving to adopt a daylight saving time system in an effort to save as much as two billion watts a year in energy, a spokesman for the Peking Energy Association said yesterday.

Zhao Jiwen said that China also might allow the establishment of time zones in a nation that, although wider than the continental United States, still runs wholly by Peking time.

"They would be free to go by their own local time as long as it is convertible to Peking Time," Zhao said.

### Dark at 10 a.m.

The disparity between Peking time and actual daylight in China's western regions, such as Tibet and Xinjiang, creates surreal situations, especially in winter. People rise and breakfast in the dark at 10 a.m. The evening news comes on in the afternoon.

The energy association already has submitted a proposal to China's State Council for a daylight saving time system to go into effect between April 1 and Sept. 15. News of the proposal made the front page of People's Daily here yesterday, an almost certain sign that it will be implemented soon.

a city in Hubei Prov. This from Asahi Shimbun via my DX friend Satoru Suga (Tetsuya Kondo, Japan)

Circular from the Party says DST should've been postponed this summer as it was too late to publicize it properly, but... During DST, actual departure time of trains and flights can remain unchanged, but skeds should be set one hour later (WBI 24/4) CPBS offl explained changes in bc as a result: stn will give time in DST [UTC+9]; from 4/5, First, Second, FM Stereo pgms to whole country, and pgm to minority nationalities would bc per DST; e.g. 2230 UTC rx 'd be at 2130. Because China's Taiwan prov can't be included in DST for the moment, pgms to there'd remain unchanged (WBI 1/5)

Following skeds do not take into acct DST, so all one hour earlier than shown until Sept: CPBS First Pgm in Std CH: \*1958 on 9080 9064 7935 7525 7516 7504 6750 6666 5915 5880 5860 5320 4905 4460 3220. 2215 change to: 11330 11290 9080 9064 7935 7516 7504 6750 6665 5915 5880 5860 5320 4905 4460. 2316 change to: 17605 15550 11610 11330 11290 10245 9800 9064 7935 6665 7516 6750 5880 5320 4460=to 2330. 0000 change to: 17605 15590 15550 11610 11330 11290 10245=[not to be confused with Peru...] 9800 9064 7504 7335 6750 6665. 0100 change to: 17605 15590 15550 11610 11330 11290 9064 7504 6665. 0600-0855 period is daily exc Tue: 17605 15590 15550 11610 11330 11290 9064 7504 6665. 0855- on 17605 15590 15550 11610 11330 11290 9064 7504 6665 5320. 1100 change to: 15590 11610 11330 11290 10245 9064 7516 7504 7440 6750 6665 5915 5880 5320 4460=-from 1130. 1230 change to: 11610 11330 11290 10245 9080 9064 7516 7504 7440 6750 6665 5915 5880 5320 4460. 1300 change to: 11610 11290 9080 9064 7516 7504 7440 6750 6665 5915 5880 5860 5320 4460. 1400 change to: 11290 9080 9064 7935 7516 7504 7440 6750 6665 5915 5880 5860 5320 4460 3220. 1500 to: 9080 9064 7935 7525 7516 7504 7440 6750 6665 5915 5880 5860 5320 4460 3220, to 1735\* [MW outlets omitted]

CPBS Second Pgm: 2058 on 9030 9020 8007 6920 6890 5163 5075 4250 3290. 2230 change to: 11740 9030 9020 8007 7770 7095 6920 6890 5163 5075 5030 4250. 2330 change to: 15500 11740 11505 11040 9775 9755 9030 9020 8007 7095 5163=to 2400 5075. 0230 change to: 17700 15500 15030 11505 11040 9020 7770, to 0600. 0600-0955 is daily exc Wed & Fri: 17700 15500 15030 11505 11040 9020 7770 until 0700, then 15500 15030 11740 11505 11040 9020 7770. 0955 on 15500 15030 11740 11505 11040 9020 7770. 1030 change to: 15500 15030 11740 11630 11040 9775 9020 7095 5163 5075. 1100 change to: 15500 15030 11740 11630 11040 9775 9020 7770 7095 5163 5075. 1130 change to: 15030 11740 11630 11040 9775 9020 7770 7095 6890 5163 5075 4250. 1230 change to: 11630 10260 9030 9020 7770 7095 6890 5163 5075 4250 3290. 1300 change to: 9030 9020 7770 7095 6890 5163 5075 5030 4250 3290, until 1600\* [MW outlets omitted]

MCs for Natl Minorities: 2130-2156 Korean 5420 5030 1206. 22-2226 Mongolian 7095 5420 5030 4750 4190 1431. 00-0026 Tibetan 15670 11375 10260. 0030-0056 Uighur 15670 11375 10260 5800 4735 3990. 01-0125 Kazakh 15670 11375 10260 5440 4970. 0430-0456 Korean 9920 9775 8566 1206. 05-0526 Mongolian 9920 7095 6974 6430 4525 1458. 0530-0556 Tibetan 17635 15670 11630. 06-0626 Uighur 17635 15670 10260. 0630-0656 Kazakh 17635 15670 10260. 10-1026 Korean 9920 9775 1206. 1030-1056 Tibetan 11630 11375 8566. 11-1126 Uighur 11375 10260 8566 5800 4735 3990. 1130-1156 Kazakh 11375 10260 8566. 12-1226 Korean 5420 5030 4190. 1230-1256 Mongolian 7095 6974 5420 5030 4525 4190 1458. 13-1326 Tibetan 11630 11375 8566 7110 5995 4035. 1330-1356 Uighur 11375 10260 8566 5900 4735 3990. 14-1426 Kazakh 11375 10260 8566 5440 4970. 1430-1456 Mongolian 11375 10260 8566 5060 4980 4220.

Addl data: CPBS main svcs also hrd thruout day on MW: 1st pgm: 1405 1361 1359 1348 1341 1330 1287 1161 1100 1035 1017 983 967 876 871 864 837 756 639 621 569 563 540. 2nd Pgm: 1510 1380 1326 1304 1044 869 865 855 720 630 (WBI 1/5)

Note that several of the MW channels do not fit standard 9-kHz spacing. As for DST putting all skeds above one hour earlier, we should not be so sure. The original sked'ing was no doubt a combination of natural pgming breaks and propagation. Obviously, propagation factors have not changed by one hour. A third factor, fq usage by other stns and consequent QRM, is less important in this case, since most of these fqs are OOB and unique to China (gh)

R Beijing ancd 13/4 that it'd start a new xmsn to C&ENAM at 0200 on 9635 & 6015, and another to C&WNA at 0500 on 9565 (WBI 17/4) BBCMS says nothing about this being via French Guiana [nor did the anmt, I assume], but if they had paid attention to our RCI DX report as early as 12/4, they'd've known (gh)

R Beijing to NAM in EG printed sked effective 15/4: 1100 on 9535. 1200 on

9640 9535. 1300=test 9730 9550. 0000 15445 11685. 0200 on 6015 9635. 0300 on 15280 15445 11970 11980. 0400 on 15280 11980. 0500 on 9565 (via Eric Falkenhan, Bal/more) Lost track of morn bcs in May, but I think to 11 MHz (gh)

C O L O M B I A LV del Guaviare is stn on 6035 at 1100; R Transamazónica, reported by Max Greenwood in Apr LN, was renamed in 1983 or early 84 (Ernie Behr, Kenora Ont) When sporadic E permits, LV del Llano hrd on 5th harmonic 30579, such as 25/5 arnd 2030 and 2300 w/election results (gh)

CARACOL net returns to air 16/4, w/auth of Comms Min; the R Reloj sports net to carry bike race from France. 17/4 nx'11 resume via 35 stns. Labour min to convene obligatory arbitration court on 40th day of strike paralysing CARACOL's main stns since 7/3 (WBI 24/4)

TV comes to the outback---can unofficial radio stns survive? (gh) TV xmtrs for Inravisión ch 1 to be installed i.a. in Puerto Carreño, Puerto Leguízamo (WBI 17/4) R Sutatenza reported 16/4 that the Atlantic coast 'd have its own TV channel [read: pgm], and bids are open for new TV pgms. Natl TV Council has approved regional ch for Atl coast, Telecaribe (WBI 24/4) Telecaribe to start test bcs 25/4, Inravisión reported 24/4, after 10 months of prep; three main centres: Barranquilla, Cartagena, Valledupar w/coop from univs; this svc uses UHF for first time in Col; xmtrs already installed at the Kennedy and Alguacil hills in the Navada [sic] mountain range, and the La Popa hill in Cartagena. Inaug in Valledupar 27/4 w/concert; but test cards starting this week on ch 25 in Valledupar, 27 in Cartagena, 29 Santa Marta, Barranquilla & Riohacha, 31 in Sincelejo, 33 in Córdoba (WBI 1/5)

C O O K I S L A N D S RCI on 11761.3, hrd from 0300 w/island mx, 0400 lcl nx, ads, mx; 0500 RA nx, 0510 Maori rel pgm, G 16/4 (Ernie Behr, Kenora Ont) RCI finally hrd after long absence on apx 11760.8 at 0925 5/3, mix of US pop mx (Lionel Richie, Pointer Sis, etc), and local MOR; full ID 0930 by W in EG/Maori, into song "My Island in the Sun". Has xmtr hum just like old Kiribati xmtr "airplane propellor". Vy poor, local QRM/QRN (Dale Park, Honolulu HI)

C O S T A R I C A As if in response to Ernie Behr's comments in May LN: (gh) La Nación, San José, reportd 24/4: Per anmt by Info Min Armando Vargas; Spain has donated to our govt three 100 kW SW xmtrs; agmt reached in Madrid recently betw Spanish ofcls, Vargas and future culture min Carlos Echeverría. Eqp'll be used jointly by REE and a stn which per Vargas'll be called R Internacional de CR, to be set up 'very soon'. Vargas said w/the eqp worth about 22 megacolones, attempt'll be made at sharing svcs of intl bc which'll allow CR to show 'abroad the real image of what CR is like'. Per agmt, REE'll rexmit pgms in SP & other langs for LAm. Also part of this is an agmt for Spain to grant 50 twelve-month scholarships to CR journalists at the rate of 10 per year; and CR offly requests that EFE nx agcy install its LAm office in San José; currently in Madrid. This implies creation of 70 jobs for journalists w/ pertinent possibilities for local individuals (WBI 9/5)

AWR-CR, Alajuela, testing again every day 19/5 thru 24/5, from arnd 1900 w/tones; hymns and EG IDs asking for reports start an hour or two later; also has some simulcasts w/existing MW stn R Lira (1540), as late as 0100 f/out. On 15460, usually clear fq exc occl KITTY. G sig but mod clarity and level not up to par. Then missing since 25/5 (gh, 28/5)

C U B A RHC reported 5/4 that during the past 5-year period, a decisive boost had been given to Cuban TV xmsn; 17 low-power, 5 medium and hi-power relay stns installed--medium- and hi-power relays in Holguín prov and city of Havana [do they mean the city of Havana, or City of Havana Province?]. All eqp built in Cuba; these new installations have expanded natl TV range to cover 90% of our country. Six new stns have started FM, in addn to two already existing. Stereo begun in three more stns, for total of 12 stereo stns in country. Mountainous areas, difficult to cover, also included in plan for TV to remote areas. Small relay stns, spl ants and solar-powered relays are to be used. All this, plus colour TV regular bc, contributes to substantial growth; and'll continue expanding in next 5 yrs (WBI 24/4) Cuban TV reported 14/5: First solar-powered TV channel and small-capacity radio link translators are being built in Central Telecomms Lab. Natl producion'll save 70% of cost of forn imports. Eqp'll be installed in remote areas where electricity and supervision not neces; estimated 20-year life span for panels, and 5 yrs for batteries. Producion of first 15 TV sig xltrs by solar sked for second half of 1986 (WBI 23/5)

Mayak relay, 4765v, 0050-0105, 28/1 drifting wildly 4760-4773 in last week of Jan. Mid-Feb, changed pgm 22-03 to M5 ex-M2, but still M2 at 10-1230 (Steve Reinstein, FL, Apr DSWCI SW News) Both Cuban 60mb outlets are often reported off nom fqs 4765 and 5025, & I rarely try to keep up, since they're just going to change again. However, at 1800 check 28/5, both were spot-on noms (gh)

CZECHOSLOVAKIA R Prague ES in EG: 01-02 As/Am 11990 9740 9630 7345 5930. 03-04 Am on same fqs. 0730-08 As/Au 21705 17840 11855. 0830-09 (Sat/Sun to 0930) As/Au 21705 17840 11855. 1430-15 Af/As/Au 21505 17705 15110 13715 11990 11730 9605 7345 5930. 1530-1625 Eu/Af/As 21505 17840 17705 15205 15110 13715 11990 9605 7345 6055. 1630-17 Eu 7345 5930. 1730-1825 Af 21505 17705 15110 13605 11990 9605 7345. 19-1930 Eu 7345 5930. 20-2030 Eu 7345 & 5930. 2130-22 Eu 6055 1287. Multilingual Inter-Pgmme to Eu, one hour later in winter, incl EG: just before 0600 on 9505 7345 6055 1287 1071. 0645-0648 nx, 0745-0750 comtry on 9505 7345 6055 1287 1071. 0845-0848 nx, 0945-0949 comtry, 1045-1052 nx, all exc Sun, 9505 7345 6055 1287 1071. 0030 nx also to Am 9630 6055 1287 (WBI 16/5)

CHILE R Patagonia, 6080, now has DX pgm at 1130 Sun, per letter from Carlos Valenzuela Carrasco, who'll be conducting pgm. One IRC needed for rapid reply w/QLS. Lang prob SP tho doesn't say; letter was in SP (Marlin Field, MI)

DENMARK R Denmark on 11965, from \*2057 w/IS, EG ID & DN pgm to 2116\* M-F, strong 23/4; ancd for Greenland & NAM (Ernie Behr, Ont) Presumably superseded by following sked; & presumably all in DN exc for EG IDs at open & close: 09-0952 Eu/Af 15165. 10-1030 Eu/Au/Am DS pgm 1 15165. 11-1152 Am 15165. 12-1252 As 11845. 13-1352 Am 15165. 14-1452 ME/Af 15165. 15-1552 As 17790. 1630-1730 Eu/Au/Am DS pgm 1 15165. 18-1852 ME 17790. 19-1952 Eu/Af 17790. 20-2015 Mon-Fri Eu/Au/Am DS pgm 3 15165. 20-2052 Sat/Sun Eu/Au/Am DS pgm 3 on 15165. 2030-2045 Mon-Fri Eu/Af DS pgm 3 on 25850. 21-2152 As/Au 9720. 22-2252 Am 9725. 23-2352 Am 11845. 00-0052 Am 11925. During winter all one hr later (WBI 23/5) Boldaring use of 11m here in the trough; any hearers? (gh)

DOMINICAN REPUBLIC R Antillas hrd on 5955.5, from \*1000 ID, TC for 6 am, SP nx & ads to 1040 f/out; F sig, best on USB; last hrd in Dec 1971 on 4962, after absence of several yrs, but first hrd in Dec 1965 (Ernie Behr, Kenora Ont) R Descubrimiento on 6220, hrd 0140-0230 f/out, LAm mx, EG/SP IDs, weak sig 10/4; also hrd weak stn on 6222.2 at 0130 w/mx, 7/4 only, but no ID; maybe same (Behr) UTC 17/5 was supposed to stay on 6245 beyond normal 0300\* until winner declared in presidential election. I assume they did not actually stay on continuously 24h for a week or two! 15045 not often hrd, but G sig 27/5 to 2030\*, Jeff White w/usual Carib island advertising, and not-really-Carib Bermuda; must confess I'm a bit bored w/this pgming (gh)

R Clarin, 11695.5, 14/3 2035 alt western and Latin mx, jingle & recorded IDs to abrupt 2102\*; hwt FR stn on 11700; 19/3 at 2247 fair o/jamming (Bryan D Clark, NZ, NZDX Times) Do you mean 11692.5? Neither aud 28/5 1830 (gh)

DPA nx agcy, Hamburg, reported from Sto Domingo 20/5, three radio stns indefinitely shut down by Telecomms Genl Directorate for not joining Central Electoral Commission Net, thus violating a pres decree; R Popular, R Barahona, R Rutas, last two also accused of violating 12/5 decree of Pres Salvador Jorge Blanco ordering all radio & TV stns to joint govt stns net. Net, Voz de la Junta Central Electoral, began xmsn 0600 Fri 16/5, day of elcx. Stns played mx instead. Rafael Corporan, owner of R Pop, is municipal candidate for opposition reformist Social Christian Party in Sto Domingo. He told nxpaper stn was playing mx because he didn't think it obligatory to carry the natl lottery draw which the offl net was xmitting (WBI 23/5) Careful, R Discovery! (gh)

ECUADOR Rxd brief note from Roger Stubbe saying the 100 W 11mb outlet had been off air for some time due to xmtr failure; low priority to repair due to poor prop. Said spl EG bc via 3220 outlet after SP 0500\* is possibility; will annnc any such test in advance over DXPL (Mike Hardester, PA, May DSWCI)

EGYPT R Cairo ancd in AR 18/5: Info Min Safwat al-Sharif says w/in framework of 1986/87 Info Promotion Plan, Cairo R's shortwaves will be changed so that bcs can reach the US, Canada, Latin America, and so that Eg expatriates [often misspelt expatriots--think about it -gh] in these areas can receive

clear and up-to-date info. During the same period further local radio stns - Canal Radio and Radio Matruh - will be established (WBI 23/5) He is poorly informed--R Cairo already can be hrd and bcs to, IAm & NAM, tho not outstandingly; & how vague--is he hinting at a relay arrangement? (gh)

Logging of Cairo on 4902.5 had me baffled at first, but by chance 15/2 hrd Abu Dhabi on 4950, vy strong to 2000\*, apparently a 'sub-harmonic', a term I don't like, of 9900. What seems to happen is fq-doubler in xmtr fails to operate due to human error; so instead of correct 9805, Cairo appears on 4902.5 instead. Can't be rx-produced since happens when prp poor or missing on corresponding 31m channel (Andy Sennitt, Denmark, May DSWCI SW News) R Cairo hrd on spur 4876, 23/2 0425-0500 //4902 & 4927, in AR, Qur'an, 45544 (Zdenek Elias, Czechoslovakia, Mar DSWCI SWN) & so not only sub-harmonic, but spur of sub-harmonic! (gh)

V of Egypt on new 11820, after BBC s/off 0415, w/AR pgm & NA to 0430\*v, 30/A ID: "Saut al-Misir, Kahera" (Ernie Behr, Kenora Ont)

F A L K L A N D I S L A N D S A landmark logging, or false alarm? Surprised to hear adult contemp mx on 3958m at 0419 21/3 being spun by rapid-talking Brit DJ; possible bulletin board or PSAs at 0425; possible ID of "Falkland Islands Broadcasting Service" at 0430 but sig deteriorating. Still there at 0625 check but not since. Either this is due to equinoxial cx helping the 3.5 to 5 kW xmtr, or this is axually [sic] a pirate! P-VP, w/hvy ARO and local QRM including MW spurs, QRN (Dale Park, MW-infested Honolulu HI) Stn can get out well u/proper condx, so I wouldn't doubt this too much; surely John T Arthur, Hilo, wouldn't do something like that (gh)

F R A N C E RNMN reported 17/4: R Beijing & RFI are exchanging airtime, w/RB noted in NAM on 6015 at 0200 via French xmtrs in SAM. Explanation from Simon (?Nadziejewicz) [Ian McFarland spells it: Simson Najovits -gh], head of RFI's EG section: RFI has been seeking relay for its As pgms for some time and began negotiations w/Iraq and China. Agmt w/Chinese is in the offing, providing for RFI to bc 6½ h a day to As in FR & EG, notably a half hour in EG to Indian sub-continent. In exch, RFI'll allow RB to use xmtr in Montsinéry, French Guiana, for bcs to IAm, USA, Canada. Negos also held w/Iraq. Test bcs've been made by both sides, but bcs not yet officially begun. [MN:] RB gets 6 h via Fr G, incl two in EG; since Tue 15/4, 6015 & 9635 at 0200, 6015 best; 0500 9565; RFI is sending half-h pgm 01-0130 in EG on 15350. [N:] Pgms sent to China from France by satellite. 01-0130 cast is entirely new bc w/nx of interest to SAs; FR pgms are on sev [unspecified] ch from R Beijing. [MN:] Arrangement is only temporary as RFI has ancd plans to build own relay stn in Asia. Originally to have been w/DW Trincomalee, Sri Lanka. [N:] DW site is in a zone of Tamil rebellion and has been damaged several times. RFI has decided to build its xmtr in another region of SL and plans call for it, in fact three 500 kW xmtrs, to be completed within 3 yrs. The deal w/R Beijing is a stop-gap measure (WBI 24/4)

Printed sked from RFI EG section, valid in Apr, shows new bc to SAs 01-0130 on 15120 only, no ment of 15350 or of China relay. The TDF/RFI public J86 tri-conleur fq/pgm sked finally starts showing Gabon and Guiana relay fqs, tho somewhat ambiguously, but does not even show the 01-0130 in EG at all, let alone any mention of China relays. Altho RB telegraphed us about the relay deal via French Guiana, they seem not to have mentioned the site on the air, either. At least it's happening, even if to varying degrees of deception/secretcy (gh)

WBI sked for RFI says the SP 0030-0130 on 11965 11670 9800 9715 6055 and 59 50 is for As[ia] rather than Am[erica], hard to believe and may be a typo (gh)

G E R M A N Y E A S T RBI in EG (one hour later in winter): 45 min xmsns. 0345 Eu 5965. 0545 As 21540 21465 17705 15240. 06 Eu/ME 11810 5965. 0715 As 21540. 0715 Sat/Sun Eu 9730 7185 6040. 0845 As 21540. 1115 As 21540 21465 17705 15440. 1145 ME/af 17755 15240 11890 11705 9665. 1230 As 21540 21465 17705. 1415 As 17705 15240. 1445 ME/af 15255 15170 11785. 1515 Eu 9730 7295 6115. 1645 Eu 9730 7260 6115. 1715 Af 15170 15145 9665. 1815 Eu 6115 6080 & 1359. 1845 Af 15170 11750 9665. 2045 Eu 5965. 2045 Am 6125 [incredible propagationally in summer]. 2200 Am 6165 6125 6070. 2200 Eu 7295 6125 5965 1359. 2300 Am 9730 6080. 2345 same. 0115 Am 9730 6080. 0145 Am 6165 6125 [that's the IAm svc, diff from NAM]. 0200 Am 9620 9560. 0330 Am 9620 9560. 0345 Af 11750 9645 [last one I should have put at first] (WBI 16/5)

GERMANY Behr's "strange accent" on a GM numbers stn, May LN, is not a regional accent, but the standard German telegraphic numerals, which are pronounced as follows: Ei-ens (also eins), zwo, dreh (also drei), vier (same as normal), flñef, sechs (as normal), sieb-en (last syllable longer than normal), acht (normal), neu-en, zehn (normal) [you mean, null?]. Zwo, (Cf English two) is also in fairly widespread use in conversational and nonstandard German (standard zwei). Flñef is similar to Yiddish (Richard E Wood, PhD, Hilo HI) Tmx. Re 2, I continue to fault my college German courses for never mentioning zwo (gh)

GERMANY WEST DW J86 in EG to NAM: 01-0150 6040 6065 6145 9545 9565 11785. 03-0350 6010 9545 9565 9640 9735. 05-0550 5960 6120 6130 9700.

Test xmsns from Jülich, J86: 06-0755 Eu GM 6075. 08-0955 Eu GM 6075. 10-1155 SAm GM 15105. 12-1355 Af GM 17845. 14-1655 SEu GM 6040. 17-1750 TK on 7285. 18-1850 Af EG 9735. 19-22 Af GM 11765. 2230-2320 Indo 7145. 00-0155 SAm GM 6100. 02-0250 SAs EG 6035. 03-0350 RS 9690. 04-0547 EEU GM 6100. See also SRI LANKA (via Eric Falkenhan, Baltimore MD) see also FRANCE

TASS reported from Washington 16/5: The USIA, which manages the subversive VOA, has signed an agmt w/FRG for modernisation of Munich facilities, incl a whole series of modern xmtrs, two of which would be 500 kW w/in two years. Also there has been a considerable increase in number of VOA personnel, substantially made up of cadres from the American spl svcs, and scum from amongst those who have betrayed their motherland. Stn already disgorges weekly streams of antiSoviet slander for 1334 hours in 42 langs. Claims of 'balance' overturned by VOA being chief spreader of disinfo about Chernobyl accident (WBI 23/5)

GHANA Latest sked rcvd from GBC: GBC-1 in local langs on 4915 0530-09 & 12-22, Suns & holidays 0530-22 (also Sat). GBC-2 in EG: 3366 at 0530-09 & 15-22. 7295 at 1155-15; Sat/Sun/holidays 09-15 (via Eric Falkenhan, Balto MD) & what about recently reported other fq 3240? Out of touch w/own bcs? (gh)

GREECE VOG monitored sked [partial] for summer: 00-0150 & 02-0350 NAM 9420 9395 7430. 12-1250 NAM 17565 15630 11645. 13-1350 Caf same. 15-1550 NAM same. 18-1850 SAF 15630 12105. 19-1950 Eu 9420 9395 7430. 20-2050 Balkans same. 21-2150 Au same. 22-2250 Au 9420. 22-2350 SAm 11645 9395. 23-2350 Panamá 12105 (Christos Rigas, Chicago IL, 13/5)

GUIANA FRENCH Printed fq/pgm sked for J86 from TDF for RFI gives relay sites but no ref to recently introed Beijing relays. Some ambiguities, showing 5 xmtrs simultaneously from Montsinéry tho only 4 installed there; in 22-23 period, viz: 9535 15200 11995 Port, 9715 9800 French. Believe, but wouldn't bet that 9715 is odd man out, and that outlet is in France, following assessment of relevant sig strengths and prop into Melbourne 10/5 & 11/5. Also ambiguity in 02-04 period, when 3 xmtrs indicated for RFI 6055 9715 9800 and two are believed used for Beijing relays: 02-03 EG 6015 9635, 03-04 9635 9565 SP (Bob Padula, Victoria)

ICELAND Ríkisutvarpið, 21/3 1905-1915 on 3400, IC nx by W, many refs to Reykjavík, IDs; irr here but //5060 is daily, sked 1855-1940 (Bernhard Grúndi, DSWCI SW News)

INDIA AIR J86 EG: 00-0115 15110 E&SEAs. 10-11 11810 15335 17875 AuNZ & 11705 15320 17387 NEAs. 1330-15 9545 11810 15335 SEAs. 18-20 11940 15280 Eaf. 1845-2230 7412 11620 Eng/WEu. 1945-2045 9755 11865 W&NWaf. 20-2230 9910 Eu. 2045-2230 9550 9910 11715 AuNZ. 2245-0115 6035 7215 9535 11740 E&SEAs, 9910 & 11715 NEAs (April IDXC1 ADKR)

AIR Delhi still on 9545 in EG 1330-1500\*, 28/4; on KCBI 27/4 Capital IXers reported this as Solomon Islds at 1400; have yet to hear an [completely] accurate report from this group on 'Radio Connection' via KCBI (Ernie Behr, Ont)

INDONESIA RRI reported 21/4: Speaking at parliamentary hearing in Jak 21/4, Iskandar Arsad, Dir of RRI said many non-RRI stns haven't fulfilled obligation to relay RRI pgms. Besides, there are still many non-RRI stns that have not registered w/authorities and become members of Assn of Natl Private R BCing Stns. During hearing w/parl's Commission-1 presided over by its chmn Rusli Desa (Dir of state radio) also discussed disciplinary measures he had imposed on non-RRI stns failing to relay RRI (WBI 1/5)

I R A N Monitoring 15-20/5 shows since beginning of Ramadan 11/5, VIRI Tehran has bc daily Urdu xmsn on 15084 at 1315-1415, saying next UD bc during Ram'd be at 2200 on 31 & 41m; UD previously was at 02-03 & 1415-1515. VIRI also ancd addl daily bc in Bengali since Ram began; 15-16 on 15084; in addn to 1215-1315. Current usage on 15084 is: 0130-0230 SP, 0230-0630 DS in PS, 0530-0630 SP, 0630-0730 FR, 0730-1115 DS in PS, 1115-1215 EG, 1215-1315 BG, 1315-1415 UD, 14½-15 DS in PS, 15-16 BG, 16-1730 DS in PS, 1730-2030 AR, 2030-2230 Familiar Voice svc in PS, 2230-2330 AR, 2330-0130 Familiar Voice svc in PS (WBI 23/5)

I R E L A N D List of stns currently logged on harmonics: 4050 (x3) R Na Gael 1350. 3204 WLCB Wicklow. 2943 (x3) Hometown R 981. 2826 Big M Community R on 1413. 2646 Boyneside R Kells 1323. 2610 Boyneside R 1305. 2502 Ernside Community R 1251. 2466 Boyneside R 1233. 2340 Breffni R 1170. 2250 R Luimini 1125. 2232 North West Community R 1116. 2142 R Carousel 1071. 1962 Hometown R 981. 1638 Cavan Community R 819 (Ken Baird, Scotland, Apr DSWCI SW News)

I S R A E L VOI reported 7/5: VOA xmtr will be in the Arava region on land that had been designated for Jewish settlement. About 8000 square dunams [800 hectares or 1988 acres] will be appropriated for xmtr; 150 workers will be employed to construct stn. VOA antenna will stand 200m tall. Interior Ministry estimates that planning of the xmtr will go on for at least another six months (WBI 16/5) The Israelis seem to have a gross misconception about SW-- that a SW stn will build one antenna tower; this also shows up in the long story from Washington Jewish Weekly in RIB 109 (gh)

Usual fight between religious faxions over DST this year resulted in favor of it, so IBA xmsns all one hour earlier until Sept (gh)

I T A L Y AWR Forlì hrd on 6215 from \*0300 w/RS relig pgm, fair 11/5, sked Sat & Sun; cf Apr FRENEX p 56. SWL Digest 3/5 reported V of Hope here from 0300 in EG; isn't this on 6280? (Ernie Behr, Kenora Ont) There was no mistake about the V of Hope; hrd 13/4 at \*0300 on 6215. I know they should be on 6280, but on this night, they were not. Good ID in English. P.S.: just tuned in V of Hope again on 6215 at \*0255 w/IS 18/5; 6280 not hrd! (Gary C Hickerson, Fort Smith AR) AWR, Forlì on 6215 at 0434-0505 18/5 in various langs; t/in to FR, 0445 EG ID "This is the Voice of Hope, Adventist World Radio," into AR pgm, 0455 another EG ID, choir mx until GM 0500 (Richard A D'Angelo, Wyomissing PA) OK, let's try to sort this out. Apparently the stn in Italy and the stn in Lebanon both ID as V of Hope, tho the latter is usually known as King of Hope; and both have used 6215 at one time or another. Probably the one now being hrd on 6215 is AWR Italy, especially as late as 0500 (gh)

J A M A I C A CANA nx agcy, Barbados, reported 7/4 from Kingston: Gloria Lannaman, GM of state-owned JBC for past 3 yrs, transferred today to PM's office to take charge of govt's plan to privatise the corp and develop a 2nd TV channel. Garth Rose, who has been acting as JBC GM since late last year because of the illness of Mrs Lannaman, continues in that position. Govt says it'll lease morning section of JBC-TV to private operators, but'd retain 25% share. It'd also lease JBC's AM radio and three regional stns on the same basis, while it'd maintain full control over JBC-FM. Govt plans also to develop second TV channel devoted to pubaffs and hi quality entertainment and to eventually privatise all existing TV channel. It'll also sell the 25% shares govt holds in second radio stn RJR. Policy ancd in mid-1985 and Lannaman's appt is most signif development since then towards implementation. JBC's credibility had been questioned under successive adms and has been accused of blatant partiality to govt in its reporting (WBI 24/4)

K E N Y A Daily Nation reported 14/4: Minfobc, Mr Katana Ngala, made extensive familiarisation tour of the 97 megashilling Komo [sic; previously given as Koma, perhaps under too much Oklahoma City influence, but not on my part -gh] Rock SW xmting stn in Machakos district, at the weekend. Ngala accompanied by his permanent secy Daniel Mboya, and Dir Bc Cornelius Nyamboki, said wananchi [Kenyan citizens] expected to get the best from the Ministry as the govt had spent megashillings to improve radio reception thruout country. Mr Ngala cautioned that shortage of spare parts that has hit the Min shouldn't be used as a reason for complacency. Called on tech staff at xmtr stns all over country to handle eqp at their disposal w/great care. Komo Rock is 250 kW for both Natl &

Genl svcs; sigs received in practically all continents. Stn commissioned last Oct. Min taken round stn by Engr-in-charge Mr Harun Aloo. Engr urged Min to ensure that standby xmtr is installed for emergency. Also learnt that tho no piped water for stn, drilling of a borehole was already under way (WBI 17/4)

K O R E A N O R T H Tent R Pyongyang on 3350 measured, found at 1336 22/4, in KR w/familiar 'rant-n-rave' style typical of the North of talk by W & M, folk mx; not // 3015 3320; so local or overseas svc? Poor, ute & local QRM (Dale Park, Honolulu HI)

L E B A N O N V of Lebanon (Phalangist), ancd 24/4 0410: 24/4 is significant & illustrious day for V of Lebanon--going 24 h; best wishes to listeners inside & outside Leb; on 873 and 6550 kHz. R Free Leb, supporting former Pres Shum'un, also reported this 0545 and gave VOL its best wishes. Monitoring 24/4 & 25/4 showed VOL on air after 2325 24/4, filling addl 2325-0410 period w/nx summaries every hour on the quarter hour, repeats of talks carried the previous day, and entertainment, all in AR; night pgm, however, hrd only on 873; the 6548.6 and FM 93.2 MHz xmtrs were off the air at 2330-04 (WBI 1/5) What a letdown. See also ITALY (gh)

L I B Y A Monitoring 15-21/4: V of the Greater Arab Homeland ES in AR from Tripoli has remained on the air continuously since the time of the US air raid in the early hours of 15/4. In normal circumstances, VOTGAH is bc during summer at 1045-1230 & 1645-0330 apx. Main SW fqs hrd during current crisis are 17895 & 15415 (WBI 24/4) Monitoring 22-29/4: VOTGAH ES in AR continued 24h until 0330 27/4. Then s/off and returned at 1045, normal pre-crisis s/on time for midday xmsn. But VOTGAH continues w/extra pgms 1230-1645, so continuous at 1045-0330 apx (WBI 1/5) Monitoring 1/5: VOTGAH returned to normal 1/5, reverting to sked of 1045-1230 & 1645-0330 apx. Since 1/5, DS from Tripoli has been calling itself the Great Socialist People's Libyan Arab Jamahiriya Radio, adding the word 'Great' to its title (WBI 9/5) GSPLAJR, that is

VOTGAH hrd on 17895 from 1800 onwards; 1915 full ID as "Sout al Vatane Arabiya al Kaber" contains fiery speeches, songs, jamming from 1600. 6009 hrd on 25/4 from 1600, definitely Libya but not // 17895 (IDXCI member no. 203, Apr ADXR) Well, 6009 is bland R Bardai fq from Libya; was non-Bardai pgming? (gh)

M A D A G A S C A R Hearing is believing dept--noted at fair strength at 0310 t/in, continuous 1930s style Argentine ballroom mx [tangos?] on 3288. Time & fq suggested Malagasy but Arg ballroom mx?? But sure enough, ID 0328 19/5. How about that (Maxfield Greenwood, Maine)

Monitoring 8/4: R Madagascar found on 8/4 on 3380 1500-1900. No formal s/on or s/off ammts hrd. Apart from nx in EG 1750-1800, rest in FR w/5-min nx 1600 & 1700 (WBI 17/4)

M A U R I T I U S On SWLD 10/5 hrd report of MBC on 9709.5 until 1300\*; however on 11/5 & other days have noted weak sig w/het on this fq past 1400, and Saudi Arabia was here in FR to 1600 last Dec; also used by Malaysia & Indonesia in past (Ernie Behr, Kenora Ont) Care is called for, but I believe the reporter had a definite ID for Mauritius (gh)

M E X I C O La Hora Exacta, 9555, hrd at unusual time of 0400, over jammer 16/4; full ID is "La Hora Exacta del Observatorio Astronómico Nacional de México"; SW call used to be XETT, but never ancd (Ernie Behr, Kenora Ont)

M O R O C C O R Monte Carlo, 9795, hrd again 28/4 w/pop songs & AR mx to 1946\* but no IDs; also 30/4 until 1845\*a; not daily (Ernie Behr, Kenora Ont)

M O Z A M B I Q U E Tent, based on WRTH 86 listing; under Em Prov de Sofala, on 3280; Fr 3/5 & 5/5, after 0300, but s/on missed. In unk lang, w/M host to mx pgm of trad to modern afro mx. Fading by 0400 makes ID here inadequate, but suspect it's indeed Moz (Maxfield Greenwood, Sedgwick ME)

N E T H E R L A N D S RN MN reported 8/5: Even RN has been jammed since 25/4, as reported by Dutch press. Correspondents confirm that the 09-0930 segment of the Carib pgm intended for Surinam is heavily disturbed in target. Monitoring in Paramaribo since then indicates normally clear sig of 6020 from Bonaire is completely blocked by 1 kHz tone on same fq. Nxpapers already speculate this

is deliberately authorised by Surinam regime, "and this opinion was supported yesterday by independent, reliable sources inside the country". RN has asked the Dutch PTT to investigate further. Eve bc on 6020 & 9895 at 2330 remains in the clear. Since 4/5, 6020 at 1830 for Eu seems to be in clear as SFR & Afgh have moved off channel (WBI 16/5) Info from RN says from 10/5, the 09-1025 xmsn for Carib incl Surinam is on 6040-B; former 6020-B still used but from 0930 only. Also, Sat & Sun only, svc via Flevo xmtrs on 15560 11740 9895 as back-up (WBI 16/5)

N I G E R I A R Nigeria, Kaduna reported 15/5: inadequate subvention from the Fedl Govt has been described as the major problem facing FRCN; the Dir of Admn of the Corp, Mr Ishola Florinshu, and this in Makurdi today during a courtesy call on the Benue State Commissioner for Info, Mr David Attah. Florinshu explained that the Corp hasn't been able to pay compensation for land acquired for establishment of the defunct R Nigeria stn, because the amt was too much. Dir said he was in Makurdi to explore areas of coop betw fedl and state radios. They include programming, manpower development and training. Earlier, Commissioner had appealed to FRCN to release funds for payment of land comp to xmsn stn of defunct R Nigeria stn, Makurdi, which hasn't been handed over to R Benue. Mr David Attah also lamented that out of the 900 kilonaira earmarked for bldg the FRCN stn in Makurdi, only 200 was disbursed; therefore appealed for release of the remaining 700 kilonaira for the project (WBI 23/5)

P A R A G U A Y R Nacional now on 9735, hrd 9/5 from 2330 w/sports; 11/5 until 0300\*<sup>v</sup>; adjust fq from 9734.4 after 4 yrs (Ernie Behr, Kenora Ont)

R Nanduti attacked: AFP Paris reported 30/4 from Asunción: Some 40 unID individuals 29/4 destroyed a large part of R Nanduti facilities in Asunción. Per local witnesses, incident carried out by para-police elements linked to the govt. unID indivs, amid sound of shots from weapons of various calibres and hurling stones against the stn bldg, seized it calling for 'the bearded one', Humberto Rubín [stn owner], while destroying installations. [Ed note: Stn however managed to return to air on 1020 by 0845 30/4]. R Primero de Marzo reported 3/5, that R Nanduti was attacked that morning, unID indivs tied up night guard and stole some valves, so stn off the air. Monitoring 3/5: Did not re-open at 0845 3/5, following 0500\*. But returned to air at 2100 3/5. Owner-dir Rubín and stn was bcng w/emergency eqp, old & unreliable, and could go off again because of tech problems. During first 10 mins after resuming xmsns, Rubín was interrupted at least five times by hi-pitched tone QRMing xmsn. Rubín said caused by same Motorola eqp stolen from stn 3/5. Jokingly asked those responsible to allow him to finish his statement. Rubín added that stn was having problems w/telephones and he could make calls but not receive them. After 2110, when QRM last obs, R Nanduti xmtd mx mixed w/voice of anc reading articles from nxpaper Última Hora re attack on stn (WBI 9/5) R Nanduti issued communiqué 14/5: In view of ANTELCO letter issued 13/5 refusing to allow RN to op under emergency condx on FM, as we were compelled to as a result of jamming, this stn'll end its bcs for today w/in a few secs. Tomorrow at usual 5 am s/on time, RN'll resume regular bc whenever there is no QRM. Radio and comms experts and a public notary'll be present so that if any QRM is detected, RN'll file an injunxion before proper court. RN may also appeal to proper international courts if necessary. Tomorrow, ASAP, ZP14 on 1020 and ZPB-14 FM will be back on the air. Monitoring 13/5 showed QRM to RN markedly increased since 1300 13/5 and stn only plays mx. Rubín says jamming now directed at STL between studios in Asunción and xmtr in San Lorenzo; asked for help in locating source of jamming, which is now affecting not only stn's mobile units but also studios. Rubín said RN may soon have to start bcng directly from xmtr plant. (WBI 16/5) Monitoring 14-16/5: RN still jammed until late aftn 14/5; whenever Rubín attempted to report more than time or wx, stn was blacked out. QRM discontinued at apx 2100; 0038 15/5, reported now bcng from xmtr facility on Calle 1, San Lorenzo; normal pgming, no QRM; but at 1100 check 15/5, again QRMed; was bcng [xmiting?] from both its studios and xmtr site, some 12 km away. 16/5, RN stilled intermittently jammed, keeping it off air for long periods. Rubín said some sponsors began to cancel ads. Situation seems to have settled into pattern of jamming whenever anything apart from mx or innocuous items is attempted. Another Asunción stn, R Charitas, 1200, also QRMed, but mainly only when tries to link up w/outside bc units. AFP reported 20/5 from Asunción: 13/5[<sup>sic</sup>] tonight, a large group of Pg policemen surrounded area adjacent to RN, prevent-

ing a protest demo that about 100 students and intellectuals were trying to hold in front of the bldg. They were awaiting arrival of other student groups to begin the demo, in spite of massive police presence. In a phone conversation w/AFP, one of the officials [?] said he was afraid this was the 'prelude' to another incident of police repression. Per dir Humberto Rubin, R Nanduti, regarded by the govt as the voice of the opposition, was jammed for the 8th consecutive day by unID persons, probably the authorities. A magistrate, who on Fri asked the natl telecomms admn Antelco about the jamming, has not as yet received a response. Meanwhile, the work of the unID persons rendered stn's bcs impossible to understand. Students & intellectuals plan a sit-in for tonight in front of stn in support of stn's officials. 28/4, stn was attacked twice, resulting in considerable material damage but no casualties (WBI 23/5)

P O R T U G A L R Renascença, non-govt stn opd by Cath church for Port emigrants in Eu & Bzl, incl relays of its DS; in PT to Eu: 1800-1900 (Sat & Sun from 1400, Sun to 2000) on 9680. Sun 0950-1230 9575. Am 0030-0130 9600 daily. (WBI 23/5)

S O U T H A F R I C A R RSA reported 11/4: Chmn of the Board of SABC, Dr Brand Fourie, says listeners to ES have reacted favourably to positive & factual pgms about SAf it presents. This is reflected in number of letters rxcd which last year exceeded 100,000 for the 5th consecutive year (WBI 17/4) How does that reflect approval??? (gh) R RSA reported 1/5 that it was stn's 20th anniversary; during which listenership had increased more than 7fold per letter count; 1966 had 14,000; now 104,000. ES head Mr Dan Eksteen said now 210h a week in 11 langs...without bias. Future plans incl extended hours, separate svcs for Af and rest of world (like BBC), addl langs for Af svc incl Shona, Ndebele, Bemba, Hausa(?), more powerful xmtrs, and possibly satellite bcs (WBI 9/5) Southern Sounds, via Capital Radio, 3930, F-P 1833+, EG anmts & EG pop mx, "International Christian Media" pgm from Dallas, and various "Southern Sounds" IDs up to 2130, 18/4 & 21/4 (Patrick McDonald, NSW, May ADXN)

S P A I N REE found on new 11820 in SP 0630-0700, not //SP on 11730, intended for Au/NZ at same time, 11/5 (Bob Padula, Victoria)

S R I L A N K A Test opn on DW relay stn Trincomalee resumed for 3h daily; corresponding xmns are: 11-1150 JP 9640. 12-1320 CH 7265. 1330-1420 Indo 9585. 1430-1650 HD/UD/EG SAs 6170. 02-0250 EG SAs 5995. 10-14 GM SAs 1548. (via Eric Falkenhan, Baltimore MD) Guess what? That adds up to more than 3h

S W I T Z E R L A N D SRI J86 sked shows 500 kW xmtr used: 0545-0730 15430: 2009, 0745-1030 11905 260, 1045-1300 15570 50, 1315-1500 15585 90, 1515-1700 17830 125, 1715-1830 17830 125, 19-22 9590 200, 2215-0100 9885 230, 0115-0300 9725 280, 0315-0530 9725 305 (via Eric Falkenhan, Baltimore MD)

Red Cross BCing Svc in EG: 0310-0327 12035 9885 9725 6135 on 1, 4, 29 July, 1 Aug, 2, 5 Sept. 0740-0757 Au 15570 11905 11745 9560 on 30 June, 3, 28, 31 July, 1, 4 Sept. 1100-1130 Eu 7210 29/6, 27/7, 31/8. 1310-1327 As 17830 15585 15570 11955 11905 9870 same dates as 0740. 1700-1730 Eu 7210 30/6, 28/7, 1/9. 1710-1727 w/French Af 17830 15420 12035 11955 9885 on 30 June, 3, 28, 31 July, 1, 4 Sept (WBI 8/5)

T H A I L A N D R Thailand, 9655, reported at 1400 by Capital DXers on KCBI 27/4, is actually R Moscow WS 1300-1500 via FE site; no evidence that Thailand is active; my last log was in 1976 on 9654 until 1350\* (Ernie Behr, Kenora Ont) Well, in DXLD-6, Ed LaCrosse in CA had R Thailand in EG 1130-1230 on 9655 incl clear ID at 1200 "External Service of R Thailand" (gh)

T U N I S I A RTVT on new 17610 in AR 1330-1450\*v, //15450 until apx 1845\* 27/4, and on 12005 past 2300 (Ernie Behr, Kenora Ont, 13/5) Monitoring 28/4 shows fq changes; 16-18 ES on 15450 & 120005 [sic], 19-21 still on 7225. DS now obs 0430-2330: 0430-07 7225. 07-10 15335 12005 11730. 10-15 17610 15450 11730. 15-16 15450 12005 11730. 16-18 11730. 18-21 12005. 21-2330 12005 7225 (WBI 1/5)

U G A N D A R Uganda reported 13/5: Minfobc, Mr Abubakar Mayanja, has urged staff of his ministry to be dedicated to their duties and to stick to profes-

sional ethics. Mr Mayanja was meeting newscasters at the Min's hq at Nakasero in Kampala. Min informed them that govt appreciates their work and it is trying to look into the problems that are affecting them in their various fields. He noted that some of the eqp being used in the Min is very old and promised to improve situation under the NRM [?] (WBI 23/5)

UNITED ARAB EMIRATES [see also EGYPT] My logging of Abu Dhabi seemed to be a one-off error for 9900, a regular channel, and double 4950 where hrd. I believe it was on various other channels last year, probably also due to the same problem. The site is still not in regular use according to our sources (Andy Sennitt, WRTH, Denmark, May DSWCI SWN)

U S A WHRI Indiana, hrd on 7355 from \*0300 w/R Earth 25/4, mixing w/WRNO on same fq; and WHRI still on 9690 at 0100, on top of Argentina; they're as bad as WYFR; is nobody complaining? (Ernie Behr, Kenora Ont) WHRI jumped the gun on their authorization, which specified 28/4 start after DST change, since WRNO would then move to 6185 an hour earlier by UTC, and WYFR still wouldn't need 7355 until 0400, a nice hole perfect for R Earth to slip in, since it stays at 0300 regardless of DST (gh)

KCBI Radio Connection repeated a Capital DXers report at least 4 or 5 times in April containing numerous mispronunciations and frequencies from 600 to 1100 kHz off. This is the stuff they keep putting on the air, only confusing & misleading people (Ernie Behr, Kenora Ont) Subsequently Capital reporter admitted they weren't perfect and welcomed corrections; R Connexion reporter goes out of his way to dub contributors up-to-date and accurate, even after more boners, including one otherwise very useful tip which I will not identify in order to avoid embarrassing the originator, who I'm sure made an honest mistake (gh) The Radio Connexion is now sked: Mon-Sat 1800 & 1900, Sun 1725 & 1800, on 11735(gh)

U S S R Yerevan radio in Armenian to Eu 5/4 mentioned that Arms in LAM had been getting nx summary in SP for 9 months, with wide response also from Spain, Italy, Canaries, etc. Per suggestion from Canary listener, AM xmsn also includes opening anmt in SP. LAM svc now 2200-2300 on 12045 (WBI 17/4)

Komsomolskaya Pravda 8/4 ran an article by Mikhail Taratuta, depy chief of dept for bcs to US & Canada at USSR Gosteleradio central bcng svc for for countries [aka R Moscow]: Moscow Radio receives arnd 4 megaletters from virtually all parts of world, incl many from NAM. In conjunction w/Komsomolskaya Pravda editorial board, organised spl radio bridge linking nxpaper readers w/ NAM listeners; readers in USSR can phone in questions which will be translated and bc to NAM, whence listeners will send in replies; to promote trust & peace. RM NAM svc ancd 12/4 that a 3-h phone-in session was held, receiving more than 100 calls from across the nation; date of reply bc TBA (WBI 17/4)

Yerevan R reported 12/4: first series of Armenian-lang lessons, 60 of them, produced by Petros Petiryan and Sona Krmoyan, now nearly over; next series in autumn; on Thu at 1930-2000 PST [now UTC Fri 0230-03] on 15190 11860 11790 (WBI 24/4) You mean, presented in EG, or to improve AM-speakers? (gh)

R Moscow intros extended svc for S Africa, per monitoring 23/4-1/5: Since 23/4, RM has replaced half-hour Zulu svc at 18-1830 w/one-hour svc in EG & ZL for "South Africa" at 1800, first half in EG, second in ZL. EG portion is in addn to RM's general Af svc in EG 17-18 & 20-21. Weekly 12-min segment in Afrikaans, introed 20/12/85, still bc at end of 17-18 genl Af svc in EG Fri 2/5. Since 4/5 fq change, above new svc obs on 12065 11960 11850 9730 9615 (WBI 9/5)

Monitoring 1/5: All-Union R DS carried spl report from May Day parade in Red Square. 0515 all Orbita versions of Pgm I linked up w/Eu USSR pgm I; joined by Mayak at 0550 when live reportage in RS began; til 0738 on some 61 AM SW fqs betw 5.9 & 21.66 MHz, incl those for seamen and compatriots abroad. RMWS carried EG report on some 41 AM SW channels 0555-0658; R Moscou Intl in FR stayed on air after sked 0600\* w/own comtry 0556-0657, on some 15 AM SW channels. RMI finally closed down after mx at 0659\* (WBI 9/5)

V A T I C A N VR has replaced its monthly pgm booklet with a bigger 64-page quarterly one w/many color illustrations, multilingual sections, about a double dozen--if you'd like to check out what Lithuanian, Armenian or Amharic looks like, ask for a free copy. Also says new bc to Am on 6150 in FR 0250, EG 0310 (gh)

V I E T N A M VOV Hanoi on 11751, from 1400 in CH to 1556\*v, G 1/5, //10010 weaker (Ernie Behr, Kenora Ont)

Z A M B I A R Zambia drifted to 3348.4, from 3346, 8/3 0350 IS, Fish eagle call at s/on, 4910 (Roland Schulze, GFR, DSWCI SWN)

## CLANDESTINE CRANNY

Radio Caimán I wonder if the founders of this anti-communist stn are aware of the song "Tío Caimán" recorded several years ago by the Chilean group Quilapayún on the record El Pueblo Unido. In the song, Tío Caimán (Uncle Crocodile) is Uncle Sam: "Uncle Crocodile speaks English and went all over the world." Tío Caimán tries to take over Latin countries, where he's told "I won't put up with this." Now (roughly translated) "With his tail cut off, Uncle Crocodile goes around crazy. They knocked him down in Cuba, and now they're beating him in Vietnam. And since I'm a moreno, I'm not fooled by his idea. I'll beat the crocodile, and his mother and father." Radio Caimán, the voice of Tío Caimán? I don't think this is quite the impression the stn's founders wanted to give. (Cathy Moore, Madison WI)

La Voz del CID is one of few clans now hrd regularly here; logged on 9940 at 0403 18/4 in SP w/nx of USA vs Libya etc., overmod M w/ID, into phone-in reports by 'correspondents'. Fair w/ute and lcl QRM (Dale Park, Honolulu HI)

R Free Surinam, pgms produced by Rotterdam-based Council for the Libn of Surinam; hostile to present Sur govt. First hrd 15/10/83, but first mentd by R Ned 22/9/83; started to use xmtr facilities of R Camilo Cienfuegos [LW del CID] on 24/2/85. Now has multilingual pgm daily 0720-0740 on 9940 & 7380, in Dutch, Sranan Tongo, Javanese, Hindi; timing variable (WBI 24/4) Also see NETHERLANDS

La Voz de la UNO hrd on 5039.2, after Upano s/off, from 0215 anti-Sandinista talks, ID & NA to 0300\*; G 11/4, DSB mode (Ernie Behr, Kenora Ont)

R Free Afghanistan, 9725, via RFE Glória, noted from 0200 w/brief Koran chant, then talk, weak u/jammer 23/4; this is only audible fq, others u/QRM & bc at 1300 too early here; try 9725 on Wed/Fri/Sun UTC (Ernie Behr, Kenora Ont)

V of Afghanistan, first hrd 15/1/84, hostile to Afgh govt & soviet involvement; ancs addr P O Box 1207, Peshawar, Pakistan. Times & fqs vary; ancs 18.0, 12.0, 9.8, 7.2, 5.8, 5.2, 4.2, 3.8, 3.2 MHz. Tho several fqs might be in use at any one time, pgms they carry might not be //. BCs which vary in duration also carry items in EG, Russian, Uzbek. Sked in Pashto/Dari mainly: 0130-0430 5850v, 0730-1030 5830v, 1130-1430 5825v 3800v 3230v, 1515-1815 5825v 4230v 3840v (WBI 17/4) see also AFGHANISTAN

V of the Mojahed ancd 24/4 0900: Genl pgm daily at 1700 & 0300, 1100 next day, for two hours. Spl pgm at 0430-0930. Pgm of the Mojahedin-e Khalq resistance cells [Persian: Hasteha-ye Moqavemat-e Mojahed-e Khalq] hrd daily at 1300 and 1900, and 0500 next day, for four hours on SW 41, 49, 68, 75, 90m. [Ed note: expansion is believed to date back to beginning of Iranian New Year, 21/3; xmsn at 0500 hrd on 7110 5960 4300 4200; while 1700 on 4180 3522; fqs somewhat variable] (WBI 1/5)

V of Mujahadeen / V of Mujahadeen-e-Khalq is noted on 7110 at 0240-2040. Bubble jammer on fq perhaps cannot keep up w/such a prolonged sked and fqty xmsn is clear after 1430. An Iranian friend tells me that MeK is a communist group and is the only active military resistance inside Iran, headed by Rajavi based in Paris. They however do not claim themselves to be communists unlike the "Ferdais" who are a breakaway faction Mujahadeedn-E-Khalq [sic] (Revolution of the Masses). Another theory which this friend forwarded, was that the Americans may perhaps be funding them since Mujahadeen is the largest opposition to the govt of Iran today. If this theory is to be believed, then it is perhaps a black cland, and that can explain the Iraqi bubble jammers. Regarding the site my friend is not sure but he emphatically states that Singapore is a probable site since it is thought to be used by V of Liberation of Iran [Who thinks that?] During their bc they read out some kind of list and I am told that they are the resolutions taken by Majaheeds in various countries arnd the globe (Supratik Sanatini, IDXCI Asian DX Review, Apr) 5960 is a // fq hrd from arnd 1400 past 2000 w/same bubble jammers (IDXCI member #203, Apr)

V of Liberation of Iran is coming strong on the new channel 7080. Full sked is 0330-0530 on 15555, 9027; 1630-1830 on 7080 9027. ID at beginning & end in EG as "You are listening to the V of Liberation of Iran". Also ID in FR & AR. Fqt ID in Farsi as "Sedyee Nejat e Iran". This stn is known to verify reports from any of the 3 addrs ancd: P O Box 535, London NW 10, England; P O Box 201225, 5300 Bonn 2, West Germany and another one in Denmark (Supratik Sanatini, India April IDXC1 Asian DX Review) See also previous item

R Iran Per QSL letter they bc on fqs & powers: 15650 250 kW, 11640 & 11750 250, 9584 & 9594 500 kW, 9400 250, 7170 1000 kW! However, most fqs seem not used at present. Only 11640 hrd arnd 1830; addr is still: R Iran, c/o C.B., 17, Bd. Raspail, F-75007 Paris (Henning Sandte, West Germany, Apr DSWCI SW News)

Bizim R and V of the Turkish Communist Party During recent monitoring of usual fqs 6200, 5915, 9585, 11820 etc., not hrd; anybody knows what happened? (Mathias Kropf, May DSWCI SWN) Last LN ref in Jan 86, I believe

V of the Sudanese Liberation Armed Struggle hrd on 9600 at 1300 s/on, then one hour bc in EG & AR; began w/nx in EG for 10 mins, then vly clear ID w/some brass band march type mx, and ID as "this is the voice of the Sudanese people's Liberation armed struggle," the SPLAS. After mx and ID, talk by an armed forces commander, whose name I couldn't decipher. He addressed the people of the country and appealed for unity and coop, asking everyone to follow instruxions of new govt, appealed to rebels in the south to stop fighting and lay down their arms. Said they are fighting a war that they cannot win, and should surrender to the forces of the north and bring peace to the nation. Then another clear ID. More march type mx and concluding EG, starting AR, at 1330-1357 when ancd s/off to return tomorrow at 3 pm local on 3lmb, no fq given. During bc was severe QRM from a humming sound as if jammed; eventually got clear signal on USB. Noise stopped when bc ended; same fq as Libyan Jamahiriya. It could be now that the Sudan and Libya are on good relations that this could be a Jamahiriya relay? (Richard Greenwood, Saudi Arabia, May DSWCI SWN) Always was (gh)

V of the People of Burma Monitoring 1-10/4: shows Burma Communist Party stn on 5110 now bcs 1230-1355 in BM & other langs daily exc Mons; 0130-0255 xmsn probably also has day off. Previously was only 3 days a week (WBI 17/4) Further monitoring 1-30/4 shows there are two new pgms a week, one first bc on Tues and repeated Weds and Thurs, and the other first on Fris, rep Sata & Suns (WBI 9/5)

V of National Saving (as it calls itself on EG pgm)--this stn may be more properly named V of National Salvation or V of Saving the Nation (Korean: Ku-gug-e Sori Pangsong). VONS changed name from V of Revolutionary Party for Reunification on 8/8/85 in response to renaming of org from "Revly Party for Reunif" to "Korean Natl Democracy Front". Sked eff from Mar is: 03-05 KR 4557 1053, 10-14 KR 4557 4120 1053, 15-1630 KR 4557 4120 1053, 20-22 KR 4557 1053, 22-2230 EG 4557 1053. The 4120 xmtr is located in N Korea and also radiates the KCBS pgm on 9665 in another time period. But this anti-S Korean-govt stn continues to annc as being from Seoul. IS: Chime, melody of "Spring of Home Country". When "T'ong-il Hyongmyongdang-e Mok-sori" (or VORPR) was on 4120 it used the 6250 kHz "Pyongyang BC Stn" xmtr, but now the PBS shares its 6250 xmtr with "Minjung-e Me-ari Pangsong" or Echo of the Masses on 5885. This stn, first noted on 27/8/85 by Japanese DXer Kunihiro Nishida, is anti-S Korean govt and also ancs as from Seoul, 11-14 in KR. 6250 xmtr is 100 kW. IS: "Arirang"; ID: "Mingjung-e Meari Pangsong-imida". Huimang-e Meari Pangsong (R Echo of Hope) is known to be bc from Kimp'o (near Seoul in Kyonggi-Province) (Tohru Yamashita, translated and via Tetsuya Kondo, Japan and/or Bill Harms, Woodlawn MD)

US Pirate: WBRI along w/QSL sends info that due to tech difficulties it stayed off HF bands since Oct 1985, but it says to look out for new 7.5 kW xmtr on 19 & 39m very soon. Also regional FM & TV bcs are in the works. Letter was signed by Robyn Generator, the WBRI Staff Slut; dated 9/4/86, mailed from Prince Georges MD (Christos Rigas, Chicago IL, 21/4)

PUBLICATIONS DX Listening Digest #6 is now available, as is Review of International Broadcasting #109--read what gh does between LNs! Samples \$1.50 each or both for \$2.50 (specify if you want these issues); subs \$17 & \$18 resp. or both for \$33 US in North America; from gh, Box 490756, Ft Laud FL 33349.

# QSL REPORTS

Sam Barto, NASWA QSL Editor  
47 Prospect Place, Bristol, CT 06010



We have several very interesting QSLs to report this month including Botswana and Bermuda. Read on!

- ALASKA:** KNLS 6095 f/d "Antenna" cd. in 23 ds. for ms. personal ltr. rcvd. (Sylvester-CA).
- ANGOLA:** Radio Nacional de Angola 9535 f/d cd. in 1 mo. for 2 IRCs. v/s Luzia Pancony. (Palmerheim-MN).
- ANTARCTICA:** Radio Nacional LRA36 15476 f/d "Penguin" cd. in 140 ds. for a SP rpt. v/s Jose Carlos Prado. (Forsgren-WI).
- ANTIGUA:** BBC 6175 via Caribbean Relay Co. Ltd. f/d prepared cd. w/ f/d form ltr. in 15 ds. for 1 IRC. (Renfrew-NY). BBC 6175 f/d prepared cd. in 1 mo. for 2 IRCs. v/s J. Newbery, Company Manager. (Wilkins-CO). same in 25 ds. (Harms-MD). Deutsche Welle 6040 f/d prepared cd. in 29 ds. for 2 IRCs. v/s as above. (Wilkins). (Foragren).
- ARGENTINA:** RAE 9690 f/d cd. w/ pennant in 45 ds. (George-NC). same in 68 ds.
- ARMENIAN SSR:** Radio Moscow 12015 via Yerevan f/d "Lenin Library" cd. in 34 ds. They listed power as 100 KW for this transmission. (George).
- ASCENSION ISLAND:** BBC 15400 f/d ltr. in 80 ds. direct from site. (Harms).
- AUSTRALIA:** VNG 7500 f/d cd. in 25 ds. for 1 IRC. (Renfrew). 4500 f/d cd. in 16 ds. for ms. v/s Jill Higgins. (Lare-MI). Radio Australia 7120 via Darwin f/d cd. in 21 ds. (Meyer-WI). 11720 "Tasmania" cd. in 3 wks. (Bowden). 9580/15395 f/d "Wheat Harvest" cd. in 43 ds. for 1 IRC. (Sylvester). 17795 via Shepparton f/d cd. in 2 wks. (Forst). 9770 via Carnarvon f/d cd. in 2 wks. for 1 IRC. (Forst). VLM6 6140 via Wanneroo f/d "Map" cd. in 23 ds. for 1 IRC. (Sylvester). same in 3 wks. (Bowden). VL99 9660 via Brisbane f/d cd. w/ ltr. in 26 ds. (Tow). VL8K 2485 f/d ltr. in 1 mo. for 1 IRC. v/s R. H. O'Sullivan, Manager. (Palmerheim). same in 36 ds. for ms. (Hardester-PA). same in 1 mo. for 2 IRCs. Addr: ABC, GPO 9994, Darwin. NT 5794. (Orcutt-CA). VLBA 2310 f/d ltr. in 34 ds. (Wilkins). same in 22 ds. for US \$1. (Tow). same in 5 wks. for 1 IRC. (Meyer-WI). n/d ltr. in 2 wks. for 1 IRC. (Palmerheim).
- AUSTRIA:** Radio Austria International 5945 f/d "Tyrol" cd. in 3 wks. (Bowden). 6155 f/d "Gail Valley Costume" cd. in 2 mo. (Bowden).

Verificación del reporte de recepción de los programas de Radio Moscú para AMERICA LATINA

Fecha 1 de enero de 1983

Hora 21.20 a 21.37 GMT

Frecuencia 4325 Mhz

- AZAD KASHMIR:** Azad Kashmir Radio 4790 f/d personal ltr. in 41 ds. for a taped rpt. and ms. v/s Yar Muhammad Khan, Engineering Manager. (Allen-OK)
- BANGLADESH:** Radio Bangladesh 15285 f/d ltr. in 1 mo. after a f/up rpt. for an 80 reception. for 2 IRCs. v/s Kazi Rafique, Assistant Director. (Meyer).
- BELGIUM:** BRT 5910 f/d "Les Voyageurs" cd. in 31 ds. (Levison-PA).
- BERMUDA:** ZPB-ZPB FM 2550 f/d cd. rcvd. for a 78 reception. v/s Lee Harvey. In 78 ZBM used to operate around 1225khz. Possible relay - but these are two different organizations. Not SWBC but interesting! (Field-MI).

- BOLIVIA:** Radio Santa Cruz 6135 f/d cd. In 49 ds. w/ pennant for a SP rpt. and US \$1. (Allen).
- \* Radio Juan XXIII 4976 n/d form ltr. in 2 mo. on 3rd try for a SP rpt. (Field-MI).
- BONAIRE:** TWR 9535 f/d cd. in 32 ds. (McElvy-VA). Radio Nederland 6165 & 9590 f/d cd. in 23 ds. (Harms). 6020 f/d cd. in 60 ds. (McElvy).



## LA VOZ DEL CID

Cuba Independiente y Democrática

### certificado de sintonía

A SAM BARTO

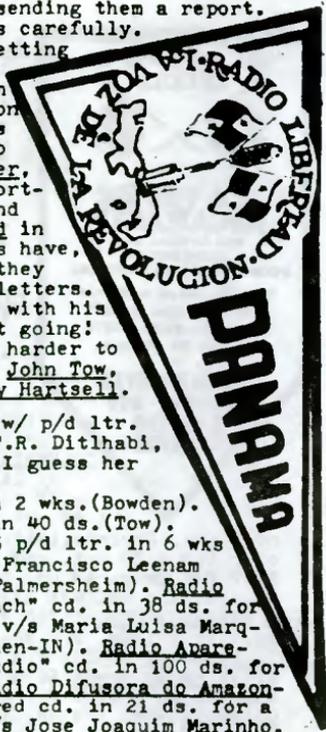
QUIEN NOS SINTONIZO EL DIA 5 de junio de 1982

DE LAS 02.40 GMT, A LAS 02.50 EMISORA: Ignacio Agramonte

EN LAS BANDAS DE 60 MTS. FRECUENCIA 5107 kHz

NOTES: Mike Hardester in PA. really thinks that his Radio Jordan QSL is quite colorful. However, he doesn't remember sending them a report. That happens to everyone Mike. Check your logs carefully.

Mike Bolitho in Ontario says that QSLing is getting very frustrating. Keep trying. Ron Howard in Calif. hopes to get into a more active role in DXing. He's starting to send out more reception reports. Ray Niekamp believes that some of his follow up reports seem to be paying off. Radio Rebelde and Alpha 66 recently QSLed. John Meyer, after building a new house, is getting the short-wave bug once again. He is using an HQ-180A and recently logged Hong Kong. Very good. Pat Wood in Syracuse, NY recently received, as many others have, a long hand-written QSL from Niger. It seems they ran out of QSL cards and are now sending out letters. Gerry Bishop in the Philippines is very happy with his Gambia QSL. Last month it was Kampuches. Great going! Nelson George in NC says the QSLs are getting harder to come by. We also received correspondence from John Tow, Jim Renfrew, Kirk Allen, Mike France and Harry Hartsell.



**BOTSWANA:** Radio Botswana 4820 f/d prepared cd. w/ p/d ltr. in 1 mo. via the Botswana Embassy. v/s Ms. T.R. Dithlhabi, First Secretary. (Palmerheim)...Congrats!! I guess her mailbag will be filled...Sam.

**BRAZIL:** Radio Bras 11745 f/d "Fortaleza" cd. in 2 wks. (Bowden).  
VOA 9580 p/d cd. in 40 ds. (Tow).  
Radio Timbira 4975 p/d ltr. in 6 wks for a PT rpt. v/s Francisco Leenan Gomes, Director. (Palmerheim). Radio Poti 4965 f/d "Beach" cd. in 38 ds. for a PT rpt. and ms. v/s Maria Luisa Marques da Luz. (Henschen-IN). Radio Aparacida 9635 f/d "Studio" cd. in 100 ds. for 2 IRCs. (Harms). Radio Difusora do Amazonas 4805 f/d prepared cd. in 21 ds. for a PT rpt. and ms. v/s Jose Joaquim Marinho. (Plum-NJ). Radio Suriname International 17755 via RadioBras f/d cd. in 105 ds. w/ sticker for a PT rpt. and 2 IRCs. (Wilkins). Radio Universo p/d personal ltr. in 20 ds. for a PT rpt. and ms. Sticker rcvd. v/s Hermes Y. Akiyama. (Sgrulletta-NY). Radio Cultura do Para 5045 p/d form ltr. in 270 ds. for a PT rpt. & ms. v/s Francisco Cezar Nunes da Silva. (Wilkins)

We have pleasure in verifying your report on our transmissions from our Stations in CYPRUS

Date: 24.7.82 Time 22.15-22.45 GMT  
 Frequency: 7230 kHz Channel

We hope you will keep regularly in our Stations and that you will send us more reports from time to time.

13/1/82 *Alkassis*  
 Private General

via Richard D'Angelo

CYPRUS BROADCASTING CORPORATION  
 P.O. BOX 4000  
 NICOSIA - CYPRUS

SOUND BROADCASTING	TELEVISION
Minsk 892.125 30 KW	CCB Cyprus 2 and 6
Minsk 892.125 30 KW	ML Cyprus 1.5 18 KW
Paris 971.125 30 KW	23 Transmitters in Channel
Lisbon 1494.125 30 KW	11, 12, 14, 15, 16, 18 and 21
St. Petersburg 1542.125 30 KW	
ML Cyprus 71.3 1800 30 KW	

**BULGARIA:** Radio Sofia 7100 f/d "Monastery" cd. in 66 ds. (Porsgren). 7115 same cd. in 44 ds. (George). same in 65 ds. (Harms).

**BYLORUSSIAN SSR:** Radio Moscow 15320 via Orsha f/d "Bolshoi Theatre" cd. in 6 wks. (Palmerheim). 15150/13635 via Minsk same cd. in 6 wks. (Palmerheim).

**CANADA:** RCI 11955 f/d "40th Anniversary" cd. in 23 ds. (George). eim).

**CHAD:** Radio Nationale 4904.5 f/d cd. in 50 ds. (Harms).

**CHILE:** Radio Nacional de Chile 15140 f/d cd. w/ decal in 28 ds. for a SP rpt. and 3 IRCs. v/s Carlos Toledo Verdugo. (Plum).

**CHINA, PEOPLES REP. OF:** Radio Beijing 9550 f/d "Art" cd. in 5 wks. (Bowden). 9820 f/d cd. w/ sticker in 28 ds. (Kacir-MI). 9535 cd. in 5 wks. (Bowden). 9730 f/d cd. in 1 mo. (Bowden).

**CLANDESTINE:** Radio Quince de Septiembre

\* 4950 f/d ltr. in 2 mo. for a SP rpt. Addr: PDN, P.O. Box 16-0953, Miami.

\* PL. 33116. (Field). Radio Monimbo 6230 f/d prepared cd. in 1 wk. for SASE. v/s Bosco Matamoros. (Palmerheim)

\* Radio Frie Suriname 6850 f/d prepared cd. in 10 wks. for an 84 reception. (Palmerheim) More great clandestine reports on the next page...Sam.



ÖSTERREICHISCHER RUNDFUNK



AUSLANDSDIENST AUF KURZWELLE

**"UNA VOZ LIBRE EN AMERICA"**



**LA VOZ DE NICARAGUA**  
VOZ OFICIAL DEL GOBIERNO DE RECONSTRUCCION NACIONAL

88.7 Frecuencia modulada  
630 kHz. ONDA MEDIA  
5.988 kHz. ONDA CORTA  
BANDA DE 49 mts.

**SANDINO AYER  
SANDINO HOY  
SANDINO SIEMPRE**

**NOTES:** Greg Neide from Euclid, Ohio is amazed by the QSLs received by others. He hopes to be contributing more in the future. Austin Kelly says that the BRT now has a new supply of pennants. Send us a copy - we'll get it in the column. Michael Schmitz from Germany says that his Latin QSL response is very low. Keep trying Michael - sometimes it a hit or miss situation. He also says that true correspondence seems to work better than a simple reception report. Also received mail from Neil Carleton, John Kapinos and others.

**CLANDESTINE:** La Voz de la Uno 5039.2 f/d prepared \* cd. in 8 ds. for ms. v/s Bosco Matamoros. (Wilkins). f/d prepared cd. in 2 wks. for SASE. \* (Palmerheim). La Voz de Sandino 6210 prepared cd. in 15 ds. Addr: La Voz de Sandino, Centro Informacion Evaluation, Apartado 348, Zona 9, Pavas 1200, San Jose, Costa Rica. (Gavaras-MN). 6205 f/d prepared cd. in 1 1/2 mo. for a SP rpt. and US \$1. (Palmerheim-MN)

**COLOMBIA:** Radio Macarena 5975 f/d cd.

w/ ltr. and sticker in 70 ds. for a SP rpt. (Tow). same in 85 ds. for a SP rpt. and ms. v/s Enrique Zambrano Nieto, Gerente. (Wilkins). same in 51 ds. w/ sticker for a SP rpt. and ms. (Allen).

La Voz del Llano 6117 f/d prepared cd. in 28 ds. on my 6th try for a SP rpt. and ms. v/s Gloria Ines Rodriguez. (Plum).

**COOK ISLANDS:** CIBC 11760 f/d "Conch Blower" cd. in 71 ds. for 2 IRCs. v/s Nooroa Tangaroa. (Cones-VA).

**COSTA RICA:** TIFC 5055 f/d cd. in 17 ds. for ms. (Forst)

\* TICAL Radio Rumbo 6073.5 f/d prepared cd. w/ Potato sticker in 3 wks. for a SP rpt. (Palmerheim). Radio Columbia 4850 f/d cd. in 61 ds. for a SP rpt. and 2 IRCs. v/s Tleana Chinehilla. (McElvy). Radio Reloj 4832 p/d cd. in 2 wks. for an EG/SP rpt. and 2 IRCs v/s Francisco Barabona G. (Weber-OH).

**CUBA:** Radio Moscow 11840 via Habana f/d cd. in 50 ds. (Renfrew). 9600 f/d cd. in 45 ds. (McElvy). Radio Habana 11725 f/d cd. in 3 mo. (Bowden). 6090 f/d "Tower" cd. in 3 mo. (Bowden).

**CYPRUS:** BBC 6120 p/d cd. in 88 ds. (Levison).

**CZECHOSLOVAKIA:** Radio Praha 15110 f/d "Winter" cd. in 5 wks. (Bowden). 13715 f/d cd. in 3 wks. (Bowden). 5930 f/d "Praha" cd. in 1 mo. (Bowden). f/d cd. in 32 ds. (McElvy). same in 27 ds. (Levison). 6055 f/d cd. in 35 ds. (McElvy). 7345 cd. in 1 mo. (Bowden). 11990 f/d cd. in 5 wks. (Bowden)

**DENMARK:** Radio Denmark 15165 f/d cd. in 12 ds. (Levison).

**DOMINICAN REP:** Radio Clarin 11700 n/d cd. in 7 wks. for a SP rpt. and a taped rpt. (Eckert-PA).

LA EMISORA MAS POPULAR DE LATINOAMERICA

**"GRIGOTA"**



radio

ONDA CORTA 4.975 KHz. 80 Mts.  
ONDA MEDIA 1.340 KHz. 220 Mts.

F.M. 90 MHz. STA CRUZ BOLIVIA



**RADIO DIFUSORA  
TAUBATE  
DIRETORIA**

Dear Listener

We are glad to confirm reception of your pleasing Report of our transmissions in the band of 60 meters - 4.925 KHZ.

Thanking you for the kindness, we are

Sincerely yours  
**RADIO DIFUSORA TAUBATE, LTD.**

Director

570 KHZ. AM. 5 KW. ZYK. 672

4925 KHZ. OT. 1 KW. ZYG. 864

Taubaté, SP. Brasil. 12.100

**ECUADOR:** HCJB 6230 f/d "Condor" cd. in 21 ds. for 2 IRCs. (Giella-TX). same in 34 ds. for ms. (Wilkins). 9870 f/d "Vermillion Flycatcher" cd. in 50 ds. (McElvy). Radio Catolica Nacional 5055 f/d ltr. w/ pennant in 56 ds. for a SP rpt. v/s Diana Garcia A., Secretaria General. (VanHorn-FL). in 54 ds. w/ pennant for a SP rpt. and 2 IRCs. (Hardester). Radio Luz y Vida 4850 f/d cd. w/ pennant in 1 mo. for a SP rpt. on 4th try. (Field). La Voz del Upano 5040 p/d "Amazon Monument" cd. in 46 ds. for a SP rpt. and 2 IRCs. (Hill-MA). same in 9 wks. for a SP rpt. and ms. v/s Luis Rivadeneira R., Director. (Orcutt).

**ENGLAND:** MSF 5000 f/d cd. in 18 ds. for ms. (Hardester). VOA 9760 via Woofferton cd. in 44 ds. (Forst).

**ETHIOPIA:** Voice of Revolutionary Ethiopia 9560 f/d "Antenna" cd. in 78 ds. (Hardester). same in 67 ds. w/ sticker for 3 IRCs. (Wilkins). f/d cd. in 68 ds. for 2 IRCs. (Forst). (sheim).

**EUROPEAN RUSSIA:** Radio Moscow 12055 via Armavir f/d cd. in 6 wks. (Palmer).

**FRANCE:** RFI no QSL but I keep receiving schedules and pennants. (Levison).

**FRENCH GUIANA:** Radio Beijing 9565 via Montsinery f/d cd. in 20 ds. (Palmer). ersheim. RFI 6055 f/d "Antenna" cd. in 56 ds. (McElvy). f/d cd. in 1 wk. for a SP rpt. (Field). 9800 cd. w/ pennant in 3 mo. (Craighead-KS). in 68 ds. w/ pennant. (Allen).

**GABON:** Radio Japan 9570 p/d "Buddah" cd. in 21 ds. for 1 IRC. v/s Y. Kume, Researcher. (Allen). f/d "Kasuga Shrine" cd. in 25 ds. (Harms).

**GERMAN DEMOCRATIC REP:** RRI 9620/6125 f/d cd. in 52 ds. (Levison). 15240 f/d cd. in 25 ds. (Weber). Stimme der DDR 7185 f/d "Neptune Fountain" cd. in 3 mo. (Craighead-KS).

**GHANA:** GBC 4915 f/d cd. in 172 ds. for 2 IRCs (head). (Klein-WI). 3366 cd. in 110 ds. (Levison).

**GUAM:** KTWR 9870 f/d cd. in 1 mo. for ms. (Henschen-IN).

**GUATEMALA:** TGNA 3300 p/d "Quetzal" cd. in 81 ds. for 2 IRCs. (Hill). n/d ltr. in 495 ds. for 1 IRC. (Renfrew).

La Voz de Nahuala 3360 f/d cd. w/ ltr. on 5th try for a SP rpt. and ms. v/s Juan Fidel Lepe Juarez, Director.

**HOLLAND:** Radio Nederland 11740 f/d cd. in 24 ds. (Wilkins). (George). 9895 cd. w/ sticker in 169 ds. (Klein). 6020/9895 f/d cd. in 23 ds. (Harms).

**HONDURAS:** HRFC 3250 f/d ltr. in 155 ds. for a SP rpt. and 2 IRCs. (Renfrew). HRVC 4820 n/d form ltr. w/ pennant in 1 mo. (Field).

**HONG KONG:** Radio TV Hong Kong 3940 p/d cd. in 28 ds. for 2 IRCs. (Paszkiewicz). same in 35 ds. for 2 IRCs. (Lare). n/d cd. in 1 mo. for 3 IRCs. (Meyer). n/d cd. in 28 ds. for ms. and a taped rpt. (Sgrulletta). same in 1 mo. for ms. (Bishop-PHIL)... You lucky guys!

**HUNGARY:** Radio Budapest 12000 f/d cd. in 9 wks. w/ pennant. (Eckert-PA). f/d cd. in 39 ds. (George). 6025 cd. in 45 ds. (Harms). f/d "Bridges" cd. in 38 ds. (Kacir). same in 53 ds. w/ schedule. (McElvy).

**INDIA:** AIR 11620 f/d "Srirangam Temple" cd. in 9 wks. for a taped rpt. v/s Ramesh Chandra. (Eckert).

**ISRAEL:** IBA 7410 cd. in 60 ds. (McElvy) same in 233 ds. for 1 IRC. (Weber). f/d cd. in 15 ds. (Kacir). cd. in 5 wks. (Bowden). 5885 f/d cd. in 1 1/2 mo. (Bowden). 9435 f/d cd. in 5 wks. (Bowden).

**ITALY:** Radiotelevisione Italiana 15700 f/d cd. in 10 wks. (Palmer). Radiotelevisione Italiana 15700 f/d cd. in 10 wks. (Palmer). Radiotelevisione Italiana 15700 f/d cd. in 10 wks. (Palmer).

**JAPAN:** Radio Japan 9570 p/d "Buddah" cd. in 21 ds. for 1 IRC. v/s Y. Kume, Researcher. (Allen). f/d "Kasuga Shrine" cd. in 25 ds. (Harms).

**NETHERLANDS:** Radio Nederland 11740 f/d cd. in 24 ds. (Wilkins). (George). 9895 cd. w/ sticker in 169 ds. (Klein). 6020/9895 f/d cd. in 23 ds. (Harms).

**RUSSIA:** Radio Moscow 12055 via Armavir f/d cd. in 6 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).

**USA:** WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer). WABC 1130 f/d cd. in 10 wks. (Palmer).



**RADIO EXTERIOR DE ESPAÑA**

Sr. D. *George Barabau*

Muchas gracias por su informe de recepción.

Tenemos el gusto de confirmar su control de nuestra emisión en 31 m. KHZ.

de fecha 07 Feb. 1983

hora 0135 ..... HMG/GMT.

Le saludamos muy atentamente.



Radio Mediterraneo — QSL

via Chris Rigas

Dear Listener,

Thank you for your reception report of our transmission

on 29 JAN 1983

at 2230 - 2300 GMT

frequency 5960 KHZ

MHZ

We are very glad to verify herewith your report. Your further reception reports on our broadcasts are welcome.

**HUNGARY:** Radio Budapest 12000 f/d cd. in 9 wks. w/ pennant. (Eckert-PA). f/d cd. in 39 ds. (George). 6025 cd. in 45 ds. (Harms). f/d "Bridges" cd. in 38 ds. (Kacir). same in 53 ds. w/ schedule. (McElvy).

**INDIA:** AIR 11620 f/d "Srirangam Temple" cd. in 9 wks. for a taped rpt. v/s Ramesh Chandra. (Eckert).

**ISRAEL:** IBA 7410 cd. in 60 ds. (McElvy) same in 233 ds. for 1 IRC. (Weber). f/d cd. in 15 ds. (Kacir). cd. in 5 wks. (Bowden). 5885 f/d cd. in 1 1/2 mo. (Bowden). 9435 f/d cd. in 5 wks. (Bowden).

Confirmation en rapport de Radio 21.5.81 de votre émission. Cade Media TVOR 1100 Km. Cade Carta TVOR 1100 Km. Si existe un contrato y contenido a nuestra programación.

Nombre y su dirección

Atendamos

Servicio Doppler

C. A. RADIO MATONEN

**JAPAN:** Radio Japan 15420 f/d "Imperial Garden" cd. in 17 ds. (Kacir). same cd. in 32 ds. (Forsgren). 11955 "Carp Streamers" cd. in 3 wks. (Bowden). 15195 p/d "Kasuga Shrine" cd. in 29 ds. (George). 5990 f/d "Winter Festival in Akita" cd. in 3 wks. (Bowden). f/d cd. in 19 ds. for 1 IRC. (Sylvester). JJY 5000/8000 f/d "Dolls" cd. in 75 ds. (Sylvester). NSB Radio Tampa 6115 f/d cd. in 42 ds. for 1 IRC. (Sylvester).

**KIRGHIZ SSR:** Radio Moscow 11720 via Erunze f/d cd. in 64 ds. (Cones-VA).

**KOREA, PEOPLES REP. OF:** Radio Pvonvanz 9977 f/d cd. w/ pennant in 35 ds. after trying for 4 yrs. Persistence pays off! (Van Horn).

**KOREA, REPUBLIC OF:** Radio Korea 15575 p/d cd. in 37 ds. (Forst).

**KIRIBATI:** Radio Kiribati 14802 f/d "Island Girl" cd. in 44 ds. for an 84 reception. v/s B. Reiher. (Tow).

**KUWAIT:** Radio Kuwait 11675 f/d folder cd. in 35 ds. (McElvy). (Hill).

**LEBANON:** King of Hope 6280 f/d cd. w/ sticker in 23 ds. to Calif. address.

**LESOTHO:** Radio Lesotho 4800 f/d "Flag" cd. in 27 ds. for 3 IRCs. (Hill). same in 6 wks. for a taped rpt. and ms. (Eckert).

**LIBERIA:** ELWA 4760 f/d "Studio" cd. in 69 ds. (George).

**LIBYA:** Radio Jamahiriya 15450 f/d cd. in 60 ds. via Malta address. (Harms).

**LUXEMBOURG:** Radio Luxembourg 6090 f/d cd. in 18 ds. for 1 IRC. (Forst). f/d cd. in 1 mo. to their London address. (McElvy).

**MALAGASY REP:** Radio Nederland 9540 f/d cd. in 40 ds. for 2 IRCs. (Weber).

**MEXICO:** XEYU 9602.2 f/d prepared cd. w/ p/d ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s Ing. Eusebio Mejia Maldonado. (Palmerheim). XEYU 5982 f/d cd. w/ personal ltr. in 1 mo. for a SP rpt. v/s Marcelo Becerra Gonzalez, Director General. (Field).

**MONACO:** TWR 11950 f/d cd. in 2 wks. (Bowden).

**MOROCCO:** Radio Monte Carlo 9795 p/d ltr. in 30 ds. Stickers rcvd. Addr: Radio Monte Carlo Moyen-Orient, SOMERA, 78 Av. Raymond Poincare, 75116 Paris, France. v/s Pierre Casalta, Managing Director. (Gavaras).

**NAMIBIA:** Radio SWA 3295 f/d "Pondak Mountains" cd. in 193 ds. (Weber). 3270 f/d "Mountain Fire" cd. in 86 ds. (Weber).

**NEWFOUNDLAND:** CKZN 6160 p/d "Map" folder cd. in 15 ds. (Forst).

**NEW IRELAND:** Radio New Ireland 3905 p/d ltr. in 34 ds. for ms. v/s O. Malatana, Station Manager. (Iare-MI).

**NICARAGUA:** Radio Zinica 6120 n/d form ltr. in 40 ds. for a SP rpt. and ms. (Harms).

**NIGER:** ORTN 5020 personal ltr. in FR in 31 ds. for a FR rpt. and US \$1. (Hardester). in 40 ds. for a FR rpt. on second try. (Tow).

**NORWAY:** RNI 15305 via Frederikstad f/d cd. in 35 ds. (Renfrew). same in 27 ds. (McElvy)

**PAPUA NEW GUINEA:** Radio Milne Bay 3360 p/d personal ltr. in 43 ds. for 2 IRCs. v/s Trevor Webumo. (Allen). same in 32 ds. for ms. v/s D.B. Samano, Station Manager. (Davis-NM). Radio Central 3290 n/d ltr. in 52 ds. for 2 IRCs. v/s Karl K. Kila (Weber). Radio Madang 3260 p/d ltr. in 98 ds. for ms. v/s D. Boaging, Assistant Manager. (Davis).

**PARAGUAY:** Radio Nacional 9735 p/d form ltr. in 50 ds. for a SP rpt. and 2 IRCs. (Renfrew). same in 1 mo. for 2 IRCs. (Weber).

**RADIO MONTE CARLO MOYEN-ORIENT**

SEULEMENT EN FRANCE ET EN ALGERIE ET EN MAROC



**SOMERA**

SEULES ANTIENNES D'ORIENTATION  
ET D'ADRESSE DE RADIO MONTE CARLO

Monsieur T. GAVARAS  
10401 CEDAR LAKE ROAD 215  
MINNETONKA  
U.S.A.

VE. ET. RADIOU. FOREIGN  
1970 RADIO  
VE. 6040-2000  
WOL. 60.170  
100 PERCENT CONCEPTS: New R.N.C. SW broadcasting and QSL

Dear friend of Radio Monte Carlo Middle East,

We are very pleased to receive your letter announcing that you have soon heard in your country our new shortwave station, broadcasting on 9795 kHz, as it appears through your perfect report of our R.N.C. program.

Your informations and all those that you could send us in the near future are very helpful for us specially in this first period of settlement of our SW broadcasting transmitters, and we congratulate you on your technical interest and the quality of your equipment in the radio amateurs field.

Further in this way, we inform you that, according to the encouraging numerous informations, we received from our friends of the worldwide, we plan to start on Monday April-14th 1986 with a second step using the additive SW frequency 15465 kHz as follows:

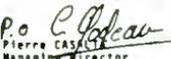
5 to 6.45 UTC 9795 kHz (31 meters band)  
6.50 to 15 UTC 15465 kHz (19 meters band)

The power of each transmitter, located 2°55'20" N 35°02'30" E, is 250 kW fitting with NR-2-3-85 curcular type antennas (gain 15 dB) which azimuth is in direction of middle east.

Obviously, we are always broadcasting from Cyprus the same program in french and arabic languages on the frequency 1233 kHz (243,3m) medium waves from 5 to 20.30 UTC.

In order to help you in the identification of our SW and MW transmitters, we enclose herewith the new schedule program of our station.

Very truly yours,

  
**Pierre CASALTA**  
 Managing Director

NOTICE: All 10 sections of Station Pennants of the World are now ready for distribution! This publication which lists station pennants by continent and country contains nearly 200 pages, more than 1100 listings and over 700 illustrations. It will arrive prepunched with cover stock and ready for insertion of future updates. All 17 sections may be ordered for \$17.00 in the US, \$19.00 in Canada and \$20.00 for overseas delivery. If you are interested in station pennants, you will not be disappointed. Place your order now!



For those of you who have already ordered the South American, Asian and Pacific Islands sections, the remaining sections (Africa, Caribbean, Central America, Europe and North America) are only \$7.00. Please add appropriate postage if you reside in Canada or overseas.

Send your orders to Sam Barto, 47 Prospect Place, Bristol, CT 06010 USA.

PERU: Radio Union 6115 p/d "Machu Picchu" cd. in 26 ds. for a SP rpt. v/s Gonzalo Iwasaki Sanchez, Gerente General.(Forsgren). same in 34 ds. for a SP rpt. and ms.(Allen). Radio America 6010 p/d "Map" cd. in 155 ds. for a SP rpt. and ms. v/s Luis Angel Pinasco, Gerente.(George). Radio Tarma 4775 f/d ltr. in 13 mo. for a SP rpt. and 1 IRC. v/s Mario Monteverde P.(Paszklewicz). La Voz de la Selva 4825 f/d prepared cd. in 28 ds. for a SP rpt. and ms. v/s Marcelino Esteban.(Plum).  
PHILIPPINES: YQA 11715 f/d cd. in 44 ds.(Forst). 11760 cd. in 9 ds.(McElvy) FEBC 11850 f/d "Sunset over Manila Bay" cd. in 26 ds. for 2 IRCs.(Forst)  
POLAND: Radio Polonia 7125 f/d cd. in 45 ds.(Harms).  
PORTUGAL: Radio Portugal 9680 via Sao Gabriel f/d cd. in 3 wks.(Harms).  
 Radio Renascenca 9680 p/d cd. in 43 ds. for 2 IRCs.(George).  
ROMANIA: Radio Bucharest 11940 f/d "Balcescu Portrait" cd. in 70 ds.(Harms)

SABAH: Radio Malaysia Kota Kinabalu 5980 f/d cd. in 40 ds. for 2 IRCs.(Cones). 4870 p/d cd. in 1 mo. for 1 IRC. v/s Nasib Mohd. Noor.(Wilkins).  
SARAWAK: Radio TV Malaysia 4950 f/d cd. in 35 ds. for 2 IRCs.(Cones-VA).  
SENEGAL: ORTS 4890 f/d cd. in 35 ds. for a FR rpt., ms and 1 IRC.(Allen).  
SEYCHELLES: FEBA 11755 f/d cd. in 68 ds. for 2 IRCs.(Forst)  
SICILY: RAI 7175 p/d cd. in 1 mo.(Tow).  
SINGAPORE: BBC 11750 f/d cd. \* direct from site in 55 ds. Addr: c/o Resident Manager, P.O. Box 120, Bukit Panjang

Dear Mr. Christopher R. Lobdell

This Card verifies your reception of :

Syrian Arab Republic Broadcasting Service

On 16.1.031.1985

At 11.58-1300GMT

Frequency 13840Kc-Damascus, SYRIA

Power KW

Thank you

Regards  
 Ali Shalabi

Director General  
 of  
 Broadcasting & Television

Post Office, Singapore 9618.(Harms).

SOUTH AFRICA: Radio RSA 9615 f/d "Elandsberg" cd. in 6 wks.(Bowden). f/d cd. in 19 ds.(Kacir). SABC 4835/4880 f/d "Logo" cd. in 45 ds. for 1 IRC.(Sylvester). Radio Five 3250 f/d cd. w/ sticker in 1 mo.(George).  
SPAIN: REE 6055 f/d "Castillo de Ampudia" cd. in 6 wks.(Bowden). f/d "Castillo de Coca" cd. in 35 ds.(Harms). 9630 f/d cd. in 5 wks.(Bowden). cd. w/ pennant in 50 ds.(Name). 17845 cd. in 53 ds.(Levison).  
SURINAME: Radio Apintie 5006 f/d ltr. w/ pennant in 7 wks. for a DT rpt. \* and 3 IRCs. v/s E. Vervuurt, Director.(Orcutt).  
SWAZILAND: Evangelium Rundfunk 5055 f/d "Map" cd. in 1 mo. for a rpt. sent to FRG (Craighhead).  
SWEDEN: RSI 9695 f/d "Stockholm" cd. in 6 wks.(Bowden).  
SWITZERLAND: SRI 6135 f/d cd. in 3 wks.(Bowden).  
SYRIA: SABS 17840 f/d cd. via registered mail in 14 mo. v/s Alia Shara-bati. Card was same as used in the 60s.(Lobdell-MA)...Where you been Chris? 9635 f/d cd. in 1½ mo. Pennant & flag rcvd.(Palmersehelm).

TAIWAN: Voice of Free China 11860 f/d "Chinese New Year" cd. in 6 wks. w/ calendar and pennant. (Eckert). WYFR 15055 via VOFC f/d cd. in 11 ds. from Oakland, CA. (Harms). BSF 5000 f/d "Garden" cd. w/ personal ltr. in 53 ds. for 1 IRC. (Sylvester).

TANGIER: VOA 6095 f/d cd. in 50 ds. (McElvy).

TOGO: Radio TV Togolaise 5047 f/d "Logo/Map" cd. in 49 ds. for an EG rpt. and 2 IRCs. (Klein). same in 41 ds. for 2 IRCs. (Weber). wicz).

UKRAINE: Radio Moscow 7115 via Ivano-Frankovsk f/d cd. in 2 mo. (Paszkiewicz).

URUGUAY: SODRE 15273 p/d "Logo" cd. w/ f/d prepared cd. in 6 wks. for a SP rpt. v/s Eduardo Artigas. (Palmerheim).

USA: WYFR 17845 f/d cd. w/ personal ltr. and sticker in 1 mo. for ms. (Sylvester). WRNO 15420 f/d cd. in 38 ds. for ms. (Sylvester). WHRI 9745 f/d cd. in 55 ds. (McElvy). 9770 f/d cd. in 2 mo. (Bowden). 15105 f/d

"Special Test" cd. in 86 ds. for ms. (Hill). 11850 f/d "Globe/Logo" cd. in 61 ds. for ms. (Forsgren). WINE 15185 f/d cd. in 19 ds. v/s John H. Norris. (Giella). Radio Marti 11815 via VOA f/d "Jose Marti" cd. in 236 ds. (Weber). 9525 f/d cd. w/ personal ltr. in 28 ds. for ms. (Sylvester).

La Voz de la OAS 11830 f/d cd. in 1 mo. for ms. (Sylvester). KCBI 11735 f/d cd. in 8 ds. for ms. (Tow). Voice of Free China 9852 via WYFR f/d cd. in 32 ds. (McElvy). same in 46 ds. (Tow).

USSR: Radio Station Peace and Progress 12065 f/d cd. in 53 ds. (Weber). \* Radio Moscow 15450 cd. in 2 mo. (Bowden). Radio Magallanes 9490 cd. w/ mention of "Magallanes" in 45 ds. for a SP rpt. mailed to the Moscow Latin Service. v/s Patricio Martinez. (Gavaras). f/d cd. in 2 mo. for a SP rpt. Pennant revd. (Field).

NOTE: Your editor has several fine pieces of equipment for sale including HQ-145, HQ-180, QF-1A, Palomar preamp and many more. Please write if interested or call (203) 589-0083 after 5PM EDT. Would prefer to sell to local area DXers who could pick-up gear...Sam.

UZBEKISTAN: Radio Tashkent 11785 f/d cd. in 52 ds. (Weber). 9600 f/d "World Map" cd. in 2 mo. (Weber).

VATICAN: Radio Vatican 9605 f/d cd. in 6 wks. (Bowden). 11810 f/d "Radio Center" cd. in 3 wks. (Bowden). 15120 same cd. in 2 mo. (Bowden). 9615 f/d "Japanese Program" cd. in 1 mo. (Bowden). 11700 cd. in 3 mo. (Bowden).

VENEZUELA: Radio Capital 4850 f/d cd. w/ sticker in 40 ds. for den. an EG/SP rpt. and 2 IRCs. v/s Manuel Correa. (Weber). same in 24 ds. for a SP rpt. (Forsgren). f/d cd. in 27 ds. for a SP rpt. and 2 IRCs. (Allen). Radio Occidente 3225 p/d ltr. in 94 ds. for a SP rpt. and ms. v/s Berta Puente A. (Wilkins). n/d ltr. in 21 ds. for a SP rpt. and ms.

VIETNAM, PEOPLES REP. OF: Voice of Vietnam 12020 f/d "Logo" cd. (Plum). in 120 ds. (Harms). 9841 f/d cd. in 4 mo. possibly Tay Nguyen site for a 75 reception. (Barto-CT). 9810 f/d cd. in 3 1/2 mo. for a 74 reception. QSL lists Hue as site. (Barto).

YUGOSLAVIA: Radio Yugoslavia 7240 f/d cd. in 131 ds. (McElvy).

ZIMBABWE: ZBC 3396 f/d large "Map" cd. in 62 ds. v/s Patience Mabena. (George). same in 58 ds. (Forsgren).

TRANSMITIENDO GRATAS NUEVAS ALEGRES  
Telling the Good News Abroad  
via Joe Talbot

73's  
Sam

From  
GUATEMALA  
"Beautiful land  
of the Quetzal"



Facts:

The Quetzal is the national emblem of Guatemala. This bird seldom survives in captivity, hence, symbol of liberty.

"If the Son (Christ) therefore shall make you free, ye shall be free indeed".

John 8:36

Frecuencias:

730 khz  
3,300 khz  
5,955 khz  
100.7 mhz FM



JERRY A. LINEBACK, Editor  
115 Wroxtton  
Conroe, TX 77304

JUNE 1986

Greetings and welcome again to NASWA's Scoreboard. In this column, you have the opportunity to share your DXing progress with everyone. This month the Spotlight is on Europe. C/H = Countries heard and C/V = Countries verified. Country counts are by the official NASWA Country List. Please note that HQ has a 1986 edition of the NASWA Radio Country List available for \$2.00. The next Scoreboard will appear in the September issue of FRENDX and the Deadline for submitting Scoreboard updates will be 15 August, 1986. The Spotlight for the September issue will be on North America. You must update at least once a year or your entry will be deleted. Many thanks to all who have contributed to this month's Scoreboard.

Name, State	Total	Europe	Best European	QSL
	C/H	C/V	C/H	C/V
James Young, CA	230	221	41	38 R. Dublin
John Tuchscherer, WI	229		41	Renascenca
Bob Padula, Austral.	223	217	39	37 Andorra5995
Edward Kusalik, Alb.	220	212	38	38 WMR 6235
Marlin Field, MI	218	217	39	39 EMR
Jerry Berg, MA	218	216	40	39 Tromso, Nor.
Tom Williamson, Ont.	218	203	40	36 Trieste
Nobuaki Takahashi, Japan	217	186		
William Flynn, CA	216	200	39	38 Dublin Int.
Gerry Bishop, Phil.	215	189	39	38 R. Dublin
Tom Gavaras, MN	213	206	39	38 Petrozavodsk
Al Miller, OH	212	205	38	38 R Andorra
Terry Krueger, FL	212	146	39	31 Condor Int.
Mitch Sams, KS	208	117		
Terry Palmersheim, MN	207	168	39	33 S Dublin R
John Sgrulletta, NY	205	205	38	38 R Dublin Int.
Dave Valko, PA	203	170		
Steve Reinstein, FL	203	166	40	34 R Freedom Int
Paul Buer, FL	202	187	40	38 R Dublin
C. J. Orekar, CA	201	192	36	35 Luxembourg
Ron Howard, CA		184		34 RIAS Berlin
Richard Davis, NM	197	179	34	33 Iceland
C. Vernon Hyson, NC	195	176	35	35 R. Andorra
Steven Lare, MI	193	148	43	34 RIAS
Kevin M. Szot, CA	193	040	32	
Bill Harms, MD	192	114	37	32 Iceland SBS
Harold Cones, VA	191	168	38	38 R Tallinn
Henry Ward, Que.	190	167	40	39 Scotland
David Swaringen, NC	189	161	36	36 RTV Ljubljana
John Bryant, OK	189	147		R Dublin
Mike Hardester, CA	188	175	37	37 Karelo-Finnish
Del Fye, FL	188	171	40	38 R Eesti
Nelson George, NC	188	161	38	36 Tallinn
Stephen Leite, MA	187	159	37	36 Minsk
John R. Tow, AL	186	154	36	35 R Dublin Int.
Jerry Lineback, TX	186	107	35	28 Andorra
John Huniwell, NJ	185	178		
Christos Rigas, IL	184	156	38	37 R Dublin
Michael Schmitz, FRG	184	150	39	36 R Big Brother
Rick Krzemien, IL	184	148	35	34 R Dublin

Name, State	Total		Europe		Best European QSL
	C/H	C/V	C/H	C/V	
Ray Forsgren, WI	181	118	34	27	R. Minsk
Hadley Cress, VA	181	008	33	1	DW Malta
John Meyer, WI	180	138	38	36	R Andorra
Kirk Allen, OK	180	121	33	31	R Dublin
Lin Robertson, CA	177	150			
Walter Kunz, PA	177	102	37	32	
Bob McCoy, NE	175	087	36	30	Luxembourg
Ken Cobb, ME	173	129	38	34	S Dublin R
Morley Kirkland, Ont.	171	157	42	38	R Andorra
Gayle Van Horn, FL	169	132	35	34	R Dublin
Bob Streeter, NY	168	132	35	28	Westside R
Tom Laskowski, IN	165	124	33	30	R Dublin 800W
Thomas Giella, TX	165	004	33	0	
Norman Bobb, MN	165	001	31		
Sheryl Paszkiewicz, WI	163	132	33	33	Yugoslavia
Charles Foxx, Jr., VA	160	129			
Austin Kelly, IL	156	129	35	35	R Dublin
Peter Tutak, NJ	152	114	32	31	Andorra
William Plum, NJ	149	108	35	32	R Dublin
Nolan Stephany, NY	147	128	33	32	Spectrum W B
Carl Mann, IA	141	121	33	33	R Dublin
Steve Kennedy, TN	138	103	31	30	Luxembourg
Peter Dillon, MD	134	89	33	29	R Rodina
Greg Hart, FL	134	75	33	30	Denmark
Tom Daly, NY	133	30	32	15	R Kiev
Steve Forst, PA	128	71	30	23	AWR Forli
Dale Park, HI	128	35	26	11	RN via Fr. PPT
Jerry L. Green, TN	127	95	31	30	Iceland
Jim Renfrew, NY	127	72	33	25	TWR Monaco
Keiichi Kondo, Japan	126	82	29	26	R Luxembourg
Kenneth Hill, MA	125	73	32	25	WMR via RDI
David Hetzel, WI	123	85	31	30	Denmark
Fr. John Eckert, PA	120	64	30	23	R Vatican
Kevin Klein, WI	117	56			
Joe Talbot, Alb.	115	93	31	29	R Dublin
Joe Kremer, SC	113	61	31	27	Denmark
Ichiro Maruo, Japan	108	81			
Dustin Brann, MO	108	48	26	18	R Kiev
Jackie Cole, CO	106	77	31	27	Denmark
Bill Thim, CT	105	74			
Joe Polchlopek, VA	104	71	27	22	Monaco
Peter Giacobelli, NY	099	089	33	32	Iceland
E. M. Church, VT	093	057	11	11	R Luxembourg
Thomas Ross, IL	084	069	31	29	Iceland
Andy Rugg, Que.	080	068	27	25	Vatican
Michael Monaco, NY	079	055	28	22	R Vilnius
Ronald Purdue, MN	079	043	30	22	RAI Italy
Bob Nagel, PA	074	060			
Ted Gurley, TX	074	046			
Steve Schaub, IL	069	057	28	26	Albania
Pedro Hazel, NY	057	005			
Mike Magick, AZ	052	040			
Jim Streitmatter, IN	052		21		Luxembourg
Vivienne Sales, IN	035	026			

Thanks to all our contributors this month. Please share your totals with your fellow NASWA members through Scoreboard. Remember the Spotlight next time will be on North America and that the deadline will be August 15. If your name is missing from our list this time, you probably have not updated in the past year. Good DX and 73s.

# update

June 1986\*\*\*Number 211

Tom Alleman  
636 E. 74th Terr.  
Kansas City, Missouri 64131 USA  
(816) 523-7292 7-10 pm only

UPCOMING DEADLINES; 10 June (Mid-June) 20 June (July) 10 July (Mid-July)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT. Freqs kHz.

\*\*\*\*\*

Dr. Richard Wood in Hawaii supplies us with our only reports this time. Some interesting observations from the Pacific:

ANTIGUA DW in English to Nam 0500-0550 is noted on new 9700, replacing previous 9690, which is still scheduled in the latest DW schedule. This may be to avoid RAE on 9690. Note that ever since the establishment of the Antigua relay the DW EG annrc has mispronounced the name of the island, as a four syllable "an-TIG-you-ah" instead of the correct three syllable "an-TEEG-ah," as used in island itself and on BBC. (4-30)

CUBA RHC FR to Americas, scheduled at 0300-0330 in WRTH 1986, is noted with s/off at 0400 rather than 0330 on 6090. 6090 then goes into EG to NAM, and is parallel with 5970, 6100, 6140 and 9740 till 0545 sign off. (5-4)

FRENCH GUIANA The new Montsinery relay of Radio Beijing is observed in Standard Chinese to North America 0400-0455 on 9565, with QRM from Deutsche Welle in EG to Africa, and 0500-0555 in EG to Western North America also on 9565, cle r of QRM. (5-10)

FRENCH POLYNESIA FRO Papeete has again switched to its alternative frequency of 9686.5, ex-9570v, throughout its schedule, i.e., 1600-0730 (local Saturdays to 0900); nominal 15170 is now drifting around 15171, and 11825 is also closer to 11826. (4-27 and daily)

GUAM KTRW, Agaña, in EG 0700-0830, is noted on new 11735; WRTH lists 15115 and specifies that the target area is Australasia. However, the mailbag program, "Letters from You," Sundays 0700-42, gives addresses in India and on Guam, and South Asia appears to be a main target. (5-4)

ISRAEL Kol Yisrael Russian 0535-0600 is noted on 15095 (1986 WRTH lists 15100), 15585, 17685 (unlisted in 1986 WRTH) and 17710. (5-4)

JAPAN/GABON The retimed morning European service of Radio Japan, from old 0400-0600, to new 0500-0700, is observed on 11955 direct from Japan and via Moyabi, Gabon, on 9570. The language sequence is Russian 0500-0530, Swedish 0530-0545, Italian 0545-0600 (both Swedish and Italian were erroneously listed for simultaneous, conflicting times of 0430-0445 in 1986 WRTH), German 0500-0530, and EG 0530-0600. (5-10) (Are the last aired 0600-0700 rather than 0500-0600? tba)

MEXICO Reactivated Radio Universidad Nacional Autonoma de Mexico is observed on 9602 around 0300 till sign off 0700, in parallel with usual MW 860. Mainly classical mx with few identifications. Note that all Mexican SW license-holders have been given the option of reactivating their SW outlets or losing their licenses. (5-11)

MOZAMBIQUE Radio Mozambique appears to have two transmitters in the 19 mb. Hitherto it had switched frequencies on 19m several times daily to avoid interference; this may be another way of doing the same thing. Noted 1600 with a soccer game in Portuguese on both 15260, with QRM from BBC World Service, and 15825 in the clear. Not parallel with 11818 which then carried talks and drama in Portuguese. WRTH lists as 15295 and inactive. (5-10)

NAMIBIA For the Southern Hemisphere winter, SWABC appears to be using 4965 rather than 3945; noted from 0630 sign on in Afrikaans. (5-5)

PHILIPPINES FEBC Manila is noted on 15350 with a new transmission in EG till 0500 sign-off. FEBC's English schedule appears to have been expanded since the Filipino revolution. (5-10)

SEYCHELLES For the first time FEBA Seychelles has been noted on a frequency not ending in a 0 or a 5; observed on 11703 in Amharic to Ethiopia at 0358-0430; identification is "Yih ye FEBA Radio new," gave address of Christian Voice Amharic Program, P.O. Box 12494, Nairobi, Kenya. (5-4)

SOMALIA Not often reported, but on air as scheduled, is Radio Hargeisa, 7120, observed 1600 with ID, time check in Somali and Somali music 1600. Good signal for listed 10 kW. (4-27)

SWAZILAND Trans World Radio, Manzini, is noted in English at sign-on 0500 on 3200, 5055 and 6070 (only the meter bands are announced). 1986 WRTH lists 0430 sign on for 3200, lists 0530 sign on for 6070 and also lists 7295 with sign-on 0430. When used nominal 7295 was observed as 7300. (5-4)

**TAIWAN (?)** A station believed to be on Taiwan and broadcasting in Chinese to the China mainland is noted on 9725 with traditional Chinese music, many IDs, and from 0804 repeated messages, apparently to individuals on the China mainland. There is some jamming. This may be the Central Broadcasting System, Taipei, and may be the station listed in WRTH for 9690 with 10 kW. It is not the CPBS, Beijing, the only Chinese stn listed in 1986 WRTH for 9725. Chinese speaking DXers are invited to help on this one. (4-27)

**VANUATU** Radio Vanuatu, Port Vila, is noted with Bislama (Biche-la-Mar, Pidgin) news 0700 and sports 0715 on 3945 and 7260. (5-5)

**ZANZIBAR** Radio Tanzania Zanzibar is noted on new 11734 wuth drums interval signal, full identification, and "habari kutoka Sauti ya Tanzania Zanzibar" (news from the Voice of Tanzania Zanzibar) 1600. Also on fairly new 6014.5 with similar ID and Swahili news 0400. Political tone of the broadcasts is moderate and factual. Zanzibar can hardly be considered a rare DX catch any more. (4-26 and 5-4)

\*\*\*\*\*

Thanks to Richard for these reports. We have plenty of room for your reports here too. Send today!

Best 73,



## NEWS RELEASE

GILFER ASSOCIATES, INC.

52 Park Avenue, P. O. Box 239, Park Ridge, N.J. 07656 (Area Code 201 391-7887)

FOR IMMEDIATE RELEASE

### SWL FEST

GILFER SHORTWAVE is pleased to assist in sponsoring:

A SWL Flea Market:

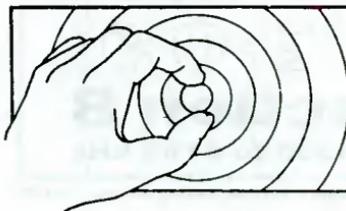
Saturday, June 14th 1986

8:00 a.m. -- 3:00 p.m.

FRENDX members are cordially invited to come and find bargains; talk with SWL's; and enjoy a fun, social event. (Rain date is June 21st.)

Anyone wishing to purchase items at GILFER on that day can take advantage of a 5% cash discount. There will be the usual array of fine receivers on display (NRD-525, NRD-515, Icom R71A and FRG-8800). A roof-mounted Eavesdropper II antenna improves reception and is suitable for comparison of each receiver's performance.

For further information telephone (201) 391-7887, or just arrive at GILFER's parking lot, 52 Park Avenue, Park Ridge, New Jersey.



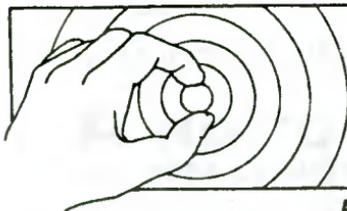
# LOG REPORT

## section A

### 2000 to 4899 kHz

Editor: Mike Harris, P.O. Box 264, Grove City, OH 43123

- 3205t BRASIL. R. Ribeirao Preto. 0312. PT. Blend of EG & FT vocals, soft spoken anmts. (10/4 D'Angelo)
- 3215 SOUTH AFRICA. R. Orion. 0412. AFK/EG. EXL music and pop selections. (4/5 Allen), (4/5 Paszkiewicz)
- 3325 GUATEMALA. R. Maya. 1050. SS. LA music and light conversation. (2/4 D'Angelo)
- 3330t RWANDA. RW. 0335. FF. Music and talk in FF but no ID heard. (13/4 Field)
- 3366 GHANA. GBC. 2240. EE. Reggae music, talk, several ID's heard. (5/5 Slagt)
- 3375 PAPUA NEW GUINEA. R. Western Highlands. 1135. PD. Sports scores, pop music. (22/4 Allen)
- 3380 ECUADOR. R. Iris. 0355. SS. ID, freq anmt and S/off w/ NA. (28/3 Slagt)—a bit old OMI
- 3385 FRENCH GUIANA. RFO. 0006. FF. Pop vocals w/ OM DJ, //5055. (6/4 D'Angelo), (1/5 Bobb)
- 3930 TRANSKEI. Capital Radio. 0505. EE. Pop music by Phil Collins. (10/4 Petrauck), @ 0354 w/ ID and jingles, looking for new "Southern Sound". (19/4 D'Angelo)
- 3958 FALKLAND ISLANDS. FIBS. 0958-1007. EE. S/on with EZL then relay of BBCWS. (3/5 Alexander)
- 4490 LIBERIA. VOA. 0325. EE. News by Dick Morgan in Washington. (12/4 Streitmatter)
- 4485 USSR. Petropavlosk-Kamchatsky. 1046. RR. Tlk by OM, classical mx at 1059. (6/4 D'Angelo)
- 4753 INDONESIA. RRI Ujung Pandang. 1136. DN. Drama, Love Ambon, @ 1200 NX and ID then speeches on Reagan's visit to Bali. (29/4 Allen)
- 4755 BRASIL. RD do Maranhao. 2350. PT. Lively PT vocals w/ colourful instrumental selections 2 OM ancr's. (2/5 Jordan) (22/4 Klein)
- 4765 CUBA. R. Mayak relay. 0159. RR. IS, ID, and WX news by OM. (19/4 Dillon) & (14/4 Rigas)
- 4770 VENEZUELA. R. Mundial Bolivar. 0205. SS. "Banco" ad then ID by OM and into local news & current affairs programme. (19/4 Dillon)
- 4780 VENEZUELA. LV de Carabobo. 0310. SS. Interview to 0314 then ID and LA pops. (6/4 Jones)
- 4805 BRASIL. RD do Amazonas. 0236. PT. Pops to ID and then suddenly off. (2/4 D'Angelo)
- 4810 BOLIVIA. R. Libertad. 1033. SS. OM w/ ID at 1036 "Radiodifusora Libertad, musica de la patria". (17/4 Allen)
- 4820 HONDURAS. LV Evangelica. 0220. SS. OM preaching to live audience. (18/4 Dillon)
- 4830 VENEZUELA. R. Tachira. 0245. SS. ID and TC, romantic and lively LA pops. (19/4 Dillon)
- 4832 COSTA RICA. R. Reloj. 0300. SS. "Noticias", ID, TC by OM. (19/4 Dillon) (7/4 Chattos) & (5/4 Slagt)
- 4840 VENEZUELA. R. Valera. 0320. SS. OM DJ w/ ID and LA pop music pgn. (19/4 Dillon)
- 4845 BRASIL. RN do Manaus. 0225. PT. Soft pop's, taped ID, more easy vocals and series of jingles. (10/4 D'Angelo)
- 4850 VENEZUELA. R. Capital. 0155. SS. US rock mx followed by ID and ad for Banco. (20/4 Dillon)
- 4875 BRASIL. RN Boa Vista. 0300. PT. Slow music w/ ID at 0300. (29/5 Slagt)
- 4885 BRASIL. R. Quimbi. 0228. PT. Samba music, lot's of ad's & ID's. (29/4 Slagt)
- 4890 PAPUA NEW GUINEA. NBC. 1036. EE. Music from "Superstar" and talk. (16/4 Pate)
- 4894m BANGLADESH. RB. 1533. EE. accented OM w/ world & nat'l nx & sports, XL w/ econ report, RTTY QRM. (19/4 Park)—probably "AIR" tent from last month.
- |      |      |             |               |      |      |                |                         |
|------|------|-------------|---------------|------|------|----------------|-------------------------|
| 0006 | 3385 | FR. GUIANA. | RFO           | 0335 | 3330 | RWANDA         | R. Rwandaise            |
| 0155 | 4850 | VENEZUELA   | R. Capital    | 0355 | 3380 | ECUADOR        | R. Iris                 |
| 0159 | 4765 | CUBA        | Mayak         | 0412 | 3215 | RSA            | R. Orion                |
| 0205 | 4770 | VENEZUELA   | R. Mundial    | 0505 | 3930 | TRANSKEI       | Capital Radio           |
| 0220 | 4820 | HONDURAS    | LV Evangelica | 0958 | 3958 | FALKLAND IS.   | FIBS                    |
| 0225 | 4845 | BRASIL      | RN Manaus     | 1033 | 4810 | BOLIVIA        | R. Libertad             |
| 0228 | 4885 | BRASIL      | R. Quimbi     | 1036 | 4890 | PAPUA NEW GUI. | NBC                     |
| 0236 | 4805 | BRASIL      | R. Amazonas   | 1046 | 4485 | USSR           | Petropavlosk-Kamchatsky |
| 0245 | 4830 | VENEZUELA   | R. Tachira    | 1050 | 3325 | GUATEMALA      | R. Maya                 |
| 0300 | 4875 | BRASIL      | RN Boa Vista  | 1135 | 3375 | PAPUA NEW GUI. | R. West Highlands       |
| 0300 | 4832 | COSTA RICA  | R. Reloj      | 1136 | 4753 | INDONESIA      | RRI Ujung Pandang       |
| 0310 | 4780 | VENEZUELA   | R. Carabobo   | 1533 | 4894 | BANGLADESH     | RB                      |
| 0312 | 3205 | BRASIL      | R. Ribeirao   | 2240 | 3366 | GHANA          | GBC                     |
| 0320 | 4840 | VENEZUELA   | R. Valera     | 2350 | 4755 | BRASIL         | RD Maranhao             |
| 0325 | 3990 | LIBERIA     | VOA           |      |      |                |                         |



# LOG REPORT

## section B

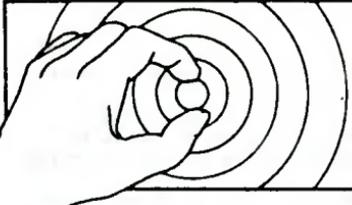
4900 to 6199 kHz

Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

- 4905 BRAZIL R. Araguaia, 0050 on 4-12 with PT and US pops, Dire Straits mx, ID, arnts (Alexander-PA); good sig during mx program at 0230 on 4-17 (Field-MI).
- 4910 ZAMBIA Lusaka, man in lang at 0405 4-10, Zambia mentions, theme mx 0430, maybe nx, mentions of Kaunda (Petravick-IL); 0424 4-13, variety of mx, poor sig (Johnson).
- 4915 COLOMBIA Armonias del Caqueta, 0958-1002 on 4-22, SP man with ID, NA by band, chimes and another ID; fair but noisy (Bobb-MN).
- 4920 UNIT. On 4-28 at 1025, vy weak, gal talking in unid language (Field-MI).
- 4930 HAITI 4VEB, EG talk on US farming at 2356 4-14, ID at 0003, poor overall (Streitmatter-IN); in FR at 0009-0030 on 4-14, relig. folk songs, inspirational comments, address, "Onward Christian Soldiers," fair signal (Dillon-MD).
- 4935 PERU R. Tropical, 0217 with relig. talks and songs, ID 0250, salvation talk (Slagt-ARUBA).
- 4940 VENEZUELA R. Yaracuy, 0215 4-20 with LA pops, TCs, promos, sentimental mx (Dickson).
- 4945 BRAZIL R. Nacl Porto Velho, LA mx 0210 3-29, ID, ads, lots of talk, ID 0215 (Slagt-ARUBA).
- 4980 VENEZUELA Ecos del Torbes, lively LA mx 0220 4-20, ID by man, ads, TC, good (Dillon-MD).
- 4985 BRAZIL R. Central, 2349 4-22, familiar hymn, man talking, ID, vocals, fair sig (Bobb-MN).
- 5006 SURINAM Tent. R. Apintie, seeming FR 0920 4-29, maybe Dutch, man talking, instr. hymn, varied mx; a pox on that strong ute QRM (Bobb-MN).
- 5020 VENEZUELA R. Nacional, 0013, man with ID on 4-25, poor sig, noisy reception (Bobb-MN); hrd on 5031 at 0000 on 5-4, back on 5020 at 2330 recheck (JB).
- 5025 CUBA R. Rebelde, "Polvo de Estrellas" 0150, old US numbers (Slagt-ARUBA).
- 5027 UGANDA Kampala, nx and mx, EG, 0405 on 4-27, good strength but poor overall (McElvy-VA).
- 5030 PERU R. Los Andes, beautiful Andean mx at 0910 on 4-11, ID at 0914 (Johnson); hrd at s/on on 5-18 at 1018, "Buenos dias Peru y America, Radio Los Andes" (Field-MI); hrd at 1101 on 4-23, man with ID, into mx, soon became a flute solo, P-F in QRN (Bobb-MN).
- 5035 CENTRAL AFR. REP. Bangui, 0450 on 4-16 with Afr type mx (Field-MI).
- 5038.9 ECUADOR LV del Upano, 0020 5-4 with talk, IDs, light instr. mx, usual closing sequence with NA, IDs, fgy, address, Beethoven's "Ode to Joy" to 0036\* (Alexander-PA).
- 5039.2 CLANDESTINE LV de la UNO, good rcpn at 1117 4-21, excerpt from R. Impacto (Allen-OK).
- 5046v INDONESIA RRI-Jogjakarta, gal with EG nx 1128 4-15, pops, ID and nx 1200 (Allen-OK).
- 5047 TOGO Lome, 2312-0002\* 4-21/22, FR man, Hawaiian mx, brief nx, band NA, F-C (Bobb-MN).
- 5055 COSTA RICA TIFC, EG "Hour of Decision" at 0310 on 4-14, then ID, poor sig overall (Streitmatter-IN).
- 5060 PERU Tent. R. Amazonas, 1057-1110 on 4-26, man with possible mentions of Iquitos or Quito, well-known Andean melody, flutes, poor and fading (Bobb-MN). Next one?—JB.
- 5060.3 ECUADOR R. Nacional Progreso, 0430-0501\* on 5-2, M&W annrcs, echo arnts, LA ballads, ID, off with HC NA; soft-spoken gal annrc was difficult to understand (Alexander-PA).
- 5199 PERU R. Imagen, 0730-0815 on 4-13, LA/OA mx, a few arnts but could not catch an ID, so make it tentative (Alexander-PA).
- 5230 ENGLAND AFRTS feeder on LSB, 0231 4-13 with AP nx, ID 0247, weak (Giella).
- 5885 ISRAEL Kol Israel, IS 0000 4-28, Israeli mx, "Calling All Listeners," also "DX Corner," fair signal, all EG (Dillon-MD).
- 5905 USSR RM WS, Petropavlovsk-Kamchatka per RDBI, fair in EG at 1600 on 4-30, world nx (Chernobyl was 2d item), "The Way We See It," //5920, 5980, 6020, QRM here (Park-HI).
- 5930 CZECHOSLOVAKIA Prague, 0100 4-16 with IS, ID, nx by gal, "News View," "Music for Your Tape Recorder," fair in QRN (Trevor-AZ); history prgm 0128 4-20, mx -141 4-27, fair sig overall (McElvy-VA); 0300 4-17 with EG nx, //7345 (bad there) (Dickson); EG prgm on tourism in Czechoslovakia, 0345 on 4-26 (Pate-MD).
- 5945 AUSTRIA Vienna, poor overall 2130-2200 4-24, EG nx, //6000, 9590 (Moye).
- 5954.3 BOLIVIA R. Pio XII, 1003 with EZL and MoR vocals, echo ID by man at 1030, into drum beating; fair to poor on 5-6 (Allen-OK).
- 5954.5 COSTA RICA R. Casino, 0540-0602\* on 5-4, weak signal with US and SP pops, man annrc, ID, off with NA (Alexander-PA).
- 5954.8 COLOMBIA LV de los Centauros, 0450-0502\* on 5-4, mx, arnts, ID, NA at s/off (Alexander).
- 5955.2 PERU R. Huancayo, 0615 on 5-2 with SP pops, ballads, arnts, ID hrd at 0631, fair signal and in the clear (Alexander-PA).
- 5955.4 DOM. REP. R. Antillas, 0902 on 5-3, tune in to NA, opening armt with ID, into SP pops. Also noted next day at 0450-0500\* with SP pops, IDs, NA; Centauros QRM (Alexander).
- 5960 CANADA RCI, poor at 0400 4-7, nx and "SWLD," bubble jamming, weak (Park-HI); 0140 on 4-20, talk on the future of direct broadcast satellites (McElvy-VA).
- 5975 ENGLAND BBC WS, 0255 on 4-15 with ID, TC, world nx, good signal (Dillon-MD).

- 5980 SOUTH AFRICA R. RSA, EG 0200 on 4-22 with IS, ID, nx, "Editorial Comment," report on S. African rugby; fair sig (Stanley-AZ).
- 5981 GUATEMALA Union Radio, hrd 1110 on 5-1 with SP ID, call ltrs, religious vocal, poor with Taiwan QRM on 5980 (Allen-OK); on 5980 at 1112 on 4-28, man with IDs, "John Brown's Body," full ID at 1128, fair but noisy (Bobb-MN); 5982.5, fair with SP relig. program at 1153 on 4-21, full ID at 1200 (Rigas-IL).
- 5990 JAPAN NHK, 1050-1100 5-2, SP talking, JP accent, modern mx, man with ID and target area, EG ID, pops, fair sig (Bobb-MN); EG at 1500 on 4-13 with IS, ID, TC, nx, "Current Affairs," fair signal (Stanley-AZ).
- 5995 AUSTRALIA RA, end of world nx at 1210, Australian nx, NHK QRM (Slagt-ARUBA).
- 5995 MALI Bamako, 2340 with Afr mx, US soul stuff, FR, James Brown (Johnson).
- 6010 SOUTH AFRICA R. RSA, EG at 0200 on 4-24, IS, ID, nx, good signal (Stanley-AZ); at 0235 on 4-14 with "This is S. Africa," "DX Corner" with NRC talk, //9615 (Park-HI).
- 6015 FRENCH GUIANA New R. Beijing relay from RFI-Montsireny, in EG at 0200 on 4-18, muddy audio, Nicaragua QRM, 9635 better (Rigas-IL); \*0200-0255\* on 4-20, EG anncr with nx, miscellaneous talk, sports, folk tales, "Mx from China" prgm, fair sig (Jordan); M&W talking at 0215 on 4-19, group singing, QRM from Kiev, 0256\* (Bonnet-IN).
- 6015 NICARAGUA LV de Nicaragua, EG nx update at 0124 on 4-11 (Dickson); EG 0555, intl nx, ID 0559, invitation to return at 2200 (WYFR here then), good signal (Alpert-NY).
- 6020 UKRAINIAN SSR R. Kiev prgm, EG "Ukraine Today" 0215 4-26, strong RN QRM (Dickson).
- 6020 HOLLAND RN, EG 0130 4-22, IS, ID, nx, "Neweline," fair sig (Stanley-AZ).
- 6025 HUNGARY Budapest in EG at 0200 4-21, nx, Hung hillbilly mx 0212 (Dickson).
- 6030 CYPRUS BBC relay, "English Anyway" prgm No. 61 (EG by Radio) at 2130, poor (Alpert-NY).
- 6030 USA APRTS, 0106 4-5 with sports scores, Bullets-Hawks basketball, good sig (Brann).
- 6031 BRAZIL R. Globo, 0915 4-13 with IDs, PT/US pops, ads, jingles (Alexander-PA).
- 6035 COLOMBIA Tent. LV del Guaviare, 0945 on 4-29, talk, TCs, mentions of Colombia, their mx, fair in QRM (Bobb-MN).
- 6040 ANTIGUA DW relay, 0100 4-18 with IS, ID, EG nx, "Germany Today," art prgm, very good sig (Stanley-AZ); 0118 4-5, mx, press rvw, "Germany Today," good sig (Brann).
- 6055 SPAIN Madrid, EG 0000 4-15, IS, ID, nx, historical trip to Santiago, fair sig (Stanley-AZ); 0355 5-1 with vocals, SP ID and TC, SP nx, jingle, promo, very good (Jordan).
- 6085 ANTIGUA DW, EG 0100 4-20 with IS, ID, nx, "Letter from Bom," folk mx, VG (Stanley-AZ).
- 6090 CUBA Havana, EG at 0400 4-30, IS, ID, nx, sports, very good sig (Stanley-AZ).
- 6090 ARGENTINA Tent. R. Belgrano at 2310 on 4-13 audible under Lux/WYFR, talk by man, great flourishing speech, local and US mx, possible ID, poor in QRM (Jordan).
- 6090 LUXEMBOURG R. Luxembourg, EG 2316 4-21, US and UK pops with ads, Br.-accented DJ, now on Euro summer time (Klein); fair with mx prgm at 0035 4-25 (McElvy-VA); IDs at 0038 on 4-14, rock, man DJ, fair overall (Streitmatter-IN).
- 6100 CUBA Havana, EG at 0300 4-21, IS, ID, nx, sports, Cuban nx, guitar mx, VG (Stanley-AZ).
- 6100 NEW ZEALAND RNZ, 1028 on 4-23, Bellbird IS, ID by man, M&W talking, poor with IVTO QRM, EG of course (Bobb-MN).
- 6115 PERU R. Union, 0805 on 5-4, OA mx, IDs, amts, man anncr (Alexander-PA).
- 6120 BRAZIL R. Globo, 0925 with PT pops, ads, jingles, IDs, covered by KGEI 0930 (Alexander).
- 6120 CANADA BBC relay, 0135 on 4-5 with classical mx, prgm details, good sig (Brann).
- 6127.5 INDONESIA RRI-Nabire, 1002 on 4-22 with man with local nx, ID 1004, brief choral mx, into Indo pops; fair-poor in 6130 QRM (Allen-OK).
- 6130 ECUADOR HCJB, EG "Open Door" prgm 0828 5-6, ID, into "Thru the Bible," fair (Trotto-FL).
- 6135 SWITZERLAND SRI, EG at 0200 with IS, ID, nx, Swiss nx, editorials, fair (Stanley-AZ).
- 6140 CUBA Havana, (no time shown), EG, IS, ID, nx, sports, Cuban mx (Stanley-AZ).
- 6145 GFR DW, EG at 0100 on 4-24, IS, ID, nx, "Mike on Europe," press rvw (Stanley-AZ).
- 6150 COSTA RICA R. Impacto, 0135 on 4-8, collection of ballads, pops, many IDs, amts and promos, big productions, talks, more mx 0201, fair sig (Jordan).
- 6155 AUSTRIA Vienna, "SW Panorama" at 0200 4-20, EG (McElvy-VA); 0330 in EG on 4-19 with IS, ID, gal with nx, fair signal (Stanley-AZ).
- 6155 USA WRNO, \*0600 with calliope IS, two IDs, into Clearwater, ex-6185, 4-27 (Park-HI).
- 6160 GFR DW in GM at 0657 4-17, Bert Kaempfer's mx, ID, IS, nx, too weak for Antigua (Park-HI).
- 6165 NETH. ANTILLES RN-Bonaire, EG 0230 4-13, IS, ID, "Happy Stn," strong sig (Stanley-AZ); "Neweline" 0245 on 4-11, "RNMN," excellent signal (Brann).
- 6175 ANTIGUA BBC WS, hrd 2300 on 4-7, world nx, commentary 2305, British nx 2315, press review 2325, EG song at 2330 (Chatto); at 0158 4-21 with classical mx, ID, world nx, press review, fair sig (Dillon-MD); exc at 0250 on 4-20, Dixieland mx by Australian group, reggae stuff ("Album Time") (Dickson).
- 6180 BRAZIL R. Nacional Amazonia, 0410 on 5-6 with slow ballads, TC, ad, ID at 0413, mx, ID 0425, good signal (Trotto-FL).
- 6180 LIBERIA VOA relay, 0430 in PT, ID, nx by gal, WRNO-6185 QRM 4-26 (Park-HI).
- 6185 USA WRNO, 0400-0430 4-19, excellent with "World of Radio" (Brann).
- 6188.7 PERU R. Oriente, \*1058, on with organ mx, then anthem; gal gave ID and TCs, into OA vocal mx; fair signal (Allen-OK). On 4-29.
- 6195 ANTIGUA BBC relay, in EG at 1112 on 4-27, "It's Your World" phone-in prgm with guest Lord Carrington, //9740, 11750, 15360; poor signal with 6185 QRM (Park-HI).

+++ A slow month, but the usual thanks to the regulars who are hanging in. 73-



# LOG REPORT

## section C

**6200 to 11699 kHz**

**Editor: Peter Drizhal, P.O. Box 663, Oxon Hill, MD 20745**

ON THE WAVE: Firstly, apologies go to Trevor Stanley in AZ who's loggings were credited to "Trevor-AZ date" last month. Please, everyone, take a bottle of correction fluid and "white-out" the name "Trevor" in May's LRC and pencil in "Stanley." I attribute the error to Radio Tirana elves (do they have elves in Tirana?) which took control of your editor's thought patterns on that given night of LRC type-up.

Now without further ado, may I present June's catches...

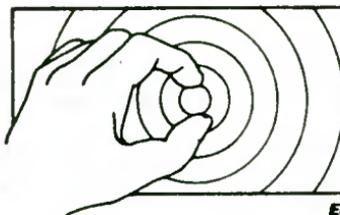
- 6200 ALBANIA R.Tirana (well speak of the, you know...-ed) 0330 EG, IS, ID, nx: New Zealand continues its anti-nuclear policy & will not allow nuclear armed ships to anchor within its waters; QRM & QRN, fair (Stanley-AZ 4/29)
- 6250 EQ. GUINEA R.Nac.-Malabo 2150-2200\* SP, mx to s/off anmts & very familiar LONG ANTHEM. (D'Angelo-PA 4/19)
- 6265v CLAND. R. Quince de Septiembre 0550-0610\* SP, anti-Sandanista tx, only ID prior to s/off, NA(?) (D'Angelo-PA 4/6) 0600-0643\* SP, usu.tx & yelling, some LA mx, ID 0642;weak (Alexander-PA 4/26)
- 6569.2 CLAND. R.Venceremos 0245 SP, usu.tx,LA mx,ID. //3730.7 (Alexander 4/27)
- 7015 MONACO TWR \*0625 EG, "Back to the Bible", "Midweek" pgm at 0700, annnc'd fgcy as "7.1 mHz"; gd (Alpert-NY 4/16)
- 7035 CHINA RB FS 1801 RS, ID,IS,ann,nx; poor (Park-HI 4/14)
- 7115 BULGARIA R.Sofia 0300 EG, nx & oth.tx, cmtry (Dickson 4/13, Stanley-AZ 4/22)
- 7120 ALBANIA R.Tirana 0230 EG, nx, tx (\*at 0242 tx abt.Democracy!) (Dickson 4/4, stn also reported by Stanley-AZ 4/20)
- 7145 POLAND R.Polonia 0236-0251 EG, tx: life in Pol.;g (Giella 4/30)
- 7150 USSR RMWS 1450-1512 EG, Your Top Tune,nx;p (Brann 4/19)
- 7170 IRAQ R.Baghdad 2130-2136 EG, Exotic vocal AR mx,ID (Klein 4/22)
- 7175 SICILY R.Due \*0459 IT, IS(chimes), RAI ID then RDue ID,tx (Pate-MD 3/16)
- 7185 USSR RM 0200 SP, nx, ment.Lenin's 16th B-day;xlt (Dickson 4/23)
- 7190 S.E.YEMEN PDRY-Aden 0305-0325 AR, Quran, clasc.mx,tx (Dickson 3/23)
- 7205 GREECE VoA relay 0132 EG, sports pgm (McElvly-VA 4/25)
- 7205 USSR R.Kiev 2329 EG, nx, pgm abt.May Day holiday (Alexander-PA 4/30)
- 7215 AUSTRALIA RA 1130-1140 EG, interv. w/children, into mx (Moye 4/22)
- 7225 TUNISIA RTVT 2329-2343\*AR, Recit o/Quran 2330, NA 2342 then off; //7310 (Swaringen-NC 4/22) 0420 AR, tx; ham QRM (Johnson-NE 4/9)
- 7260 CUBA Mayak Stn 0820-0836 RS, Orch.mx, IS 0829, nx, then more mx; //74765 louder, g (Bobb-MN 5/1)
- 7260 VANUATU R.Va. 0654 PD, Isle guitar mx, drums, then clear ID, tx and local weather; fair (Allen-OK 5/4)
- 7265 W.GERMANY Sdwestfunk (SWF 3) 0157-0304 GM, pop mx, nx 0200 to 0205 fol'd by 55 mins o/EZL mx & nx again at 0300; ID's noted prior to both newscasts; sio 333 (D'Angelo-PA 4/13)
- 7275 ITALY RAI 0415 IT, chirping IS, into MOR instrumentals, OM in IT; WRTH suggests EG/IT, but no EG heard (Petravick-IL 4/5)
- 7290 USSR RMNAS 2300-2325 EG, nx,mx, Vladimir Pozner tx;f (Brann 4/3) 0206 EG, nx protest over US raid of Lybia, Afghan victory over 'bandits', S.Afr.arrests; local quality (Dickson 4/23)
- 7300 USSR R.Peace & Progress \*0000-0028\* Cleole, OM w/lengthy txs, accordion mx & other strings, ID, sched (Jordan 4/21)
- 7345 SIBERIA RMWS 1705 EG,wld mx (no ment.o/'Nuke-rainian' acc'dt (Park 4/29)
- 7355 USA R.Earth (via WHRI) 0300-0320 EG, ID at 0301, computer corner on Sweden calling DXers at 0315;xlt signal (Giella 4/25)
- 7355 USA WYFR \*0400-0410 RS, IS,ID, rel.mx; fr sig (Trotto-FL 5/8)
- 7400 Lith.SSR R.Vilnius \*2200-2230\* EG, nat'l nx, cultural discussion on bi-lingualism (okay--watch your language, eh?-ed) in Lith. republic, Lith. art, lit & mx, sched info; g (Jordan 4/30)
- 7430 GREECE VoG 0130 EG, nx (Dickson 4/8) 0130-0140+ EG/GK nx, s/off in EG at 0140, then GK mx & vocals; p (Stanley-AZ 4/16) 0235-0250 GK, GK mx, //9420 (Swaringen-NC 4/23) 0330 lang, then EG, vocal mx, ID 0340 and nx fol'd in EG at 0342 (Jones 4/14)

- 7576.5 Unid.Site AFRTS feeder 2356 EG, "All Things Considered" (Alpert-NY 4/6)  
 7860 UNID. 0450 SP or PT, badly distorted, harmonic?, mentions of  
 Cuba, weak, fading; also checked 0520 (Petravick 4/10)
- 8975 UNID. 0243-0313 SP, Continuous tx by M & W, time pips for 0300,  
 no ID, moderate signal (Giella 4/13)
- 9022 IRAN VOIRI 2037 in lang, discussion betw.M&W (Pate-MD 4/26)
- 9360 N.KOREA R.Pyongyang 2120 EG, Int'l nx, ID, 2123\*, also on 11660  
 (Slagt 4/5)
- 9380 CHINA R.Beijing 1015 CH, tx w/mx bridges (western march mx (WRTH  
 lists as Taiwan l svce o/RB, in Putonghua (a generally understood  
 dialect based upon Mandarin, but w/many regional influences)(Moye 4/24)
- 9395 GREECE VoG 0100-0130 GK/ , Mid.E type mx, poetry, //7430, 9420,  
 xlt on all fqc's (but 9935 is only fair) (Dickson 5/1)
- 9420 GREECE VoG 2130-2150\* GK, Selections of GK mx, vocals & strings  
 & lite woodwinds, some tx, poss.nx betw. mx sel's, ID & s/off  
 (Jordan 4/9) 0125 EG, GK mx, then nx (0130-0140) (reported by  
 Stanley-AZ 4/13, Laskowski 4/21, Dickson 4/14)
- 9425 ISRAEL KI 1920-2000 presumed RS,var's txs, //9435;p (Jordan 4/19)
- 9435 ISRAEL KI 2100-2130 EG, wld nx, cmtry, weather, Israel Mosaic  
 (Chattos 4/7) 0100 EG, nx: Pope John Paul makes historic visit  
 to Jewish Synagogue in Rome; report on rape crisis center in  
 Jerusalem; f (Stanley-AZ 4/13) 0100-0125 EG, IS, ID, Mid.E nx,  
 "Mosaic"; fair (Dillon-MD 4/14)
- 9460 GREECE RS Makedonais 1935-2101 GR, Excellent pop and folk-style  
 music, virtually w/out interruption, 2100 IS (Moye 4/24)
- 9475 EGYPT R.Cairo 0045-0115 SP, AR mx, ID, fqc'y's at 0100, short NA  
 (Swaringen 4/22) \*0200-0330\* EG, ID, Billboard, AR mx & chants,  
 wld & nat'l nx, economic nx;f (Jordan 4/25, also Dickson 4/20)
- 9480 CHINA RB FS 1100 Esperanto, IS, ID: "Paralo Pekino", M&W w/nx  
 fol'd by commentary; fair (Park-HI 4/16)
- 9490 USSR RM-Novosibirsk 2203 EG, Wld nx, "Newsreel" (Thunberg-PA 4/21)
- 9510 USA WYFR 2143 RS(?), ID,fqc,adr,rel.pgm; f (Brann 4/20)
- 9515 ASCENSION ISL(?) BBC WS 1830 EG, "BBC Top 20" Show w/George  
 Michael (not the guy on Ch. 4! hi) (you mean it wasn't  
 "Mr. Sports Machine"? And here I thought he was flexible -ed.)  
 (Park-HI 4/23) 1930 EG, "Outlook" show from the Caribbean w/  
 cricket (the sport) commentary; financial nx; "Jazz Showcase"  
 then wld nx (Park-HI 4/10)
- 9520 USSR RMNAS 2200-2245 EG, nx, Outlook, interviews;f (Brann 4/4)
- 9525 JAPAN RJ 0941 JP, lively mx, tx, over to PT at 1000 (Slagt 4/9)
- 9535 CANADA RCI 0234 FR, Mailbag pgm w/DX nx, FR-CAN mx and inter-  
 view, //9755; good (Park-HI 4/28)
- 9535 CHINA R.Beijing 1130-1140 EG, discussion of infant diseases,  
 excerpt from piano concerto; CH lesson for EG speakers. No  
 //9820 or 11860 (Moye 4/21) 1140-1155 EG, "Letterbox" pgm; g  
 (Bobb-MN 4/29) 1200-1258\* EG, nx, tx, feature pgmg, CH vocal  
 & instr.mx (Jordan 4/20, Bonnet-IN 4/20)
- 9540 MADAGASCAR R.Netherlands relay 2105-2123 EG\*, "Happy Station"  
 pgm, sched, mx, Letterbox, ID, sio 252 (Streitmatter-IN 4/17)
- 9545 MALTA Deutsche Welle relay 0300 EG, nx, cmtry, "Spotlight on  
 Modern Life"; QRN; fair (Stanley-AZ 4/25)
- 9550 CHILE RN Chile 0026 SP, interview, lots of SP & EG mx, no ID but  
 hrd many ments o/Chile, & // 15140 (Laskowski 5/6)
- 9550 CHINA RB FS 1333 EG, tx on CH hockey team; mx interlude, then  
 tx on internal reforms; poor (Park-HI 4/15)
- 9553.5 EQ. GUINEA R.Nac. 2145-2202\* SP, hilife mx, ID, adr and s/off  
 announcements at 2156, s/off 2202 w/NA; f (Rigas-IL 4/30)
- 9560 E.GERMANY R.Berlin Int'l 0200 EG, IS, ID, nx, cmtry on May Day  
 celebration in the G.D.R.; QRN; fair (Stanley-AZ 4/30)
- 9560 TURKEY VoT 1800-1900 EG, wld nx, rev'w o/the TK press, culture  
 & art, mx, Turkish Panorama (Chattos 5/11) \*2200 EG, nx,  
 "Outlook", "DX corner"; p (Stanley-AZ 4/19) \*2200-2252\* EG,  
 scheds, nx, "Press Review", "Panorama" w/tx on tourism in the  
 Medit.; f-g (Jordan 4/13) 0155-0215 TK, ID, fqcies at 0200,  
 //7215 (Swaringen-NC 4/23)
- 9565 FR. GUIANA R.Bei. \*0300-0330+ SP, nx, mx interludes bet'w seg's,  
 long txs, lite Martial mx, 0325 txs & interviews; p-f (Jordan  
 4/20) \*0400-0455\* CH, sched, int'vws, tx, cmtry, mx pgm, lite  
 orch. (Jordan 4/20) 0505 nx: lotsa Lybia coverage, "nx abt  
 CH" end 0513 incl.item that 1 in 3 CH smokes, 0556\* (Alpert-NY  
 4/16) 0526 EG, ID, econ.cmtry, intvw w/physician; NEW SVC.  
 (Thunberg-PA 4/29) 0530 EG, tx.abt exports, intvw w/members of  
 a Shakespeare Play Festival in China; good (Harms-MD 4/26) 0540 EG,  
 "Music Album", "Listeners Letterbox"; fair (Park-HI 4/21)

- 9565 MONSERAT Deu.Welle relay 0180 EG, Report on the economy,  
"Germany Today", revw o/GM press, Science Magazine (Stanley-AZ 4/28)
- 9575 MOROCCO R.Medi 1 2132-2232 FR, dance, rap & rock mx, ads, ID, nx  
at top of hour, slite QRM (Paszkievicz 4/19)
- 9580 AUSTRALIA RA 1154-1230 EG, wld nx, features, profiles, inter-  
views, "Australian Writers & Musicians", "Closer to Home"  
(Dillon-MD 4/12, Bonnet-IN 5/7)
- 9580 SIBERIA RMWS 1704 EG, wld nx, "Nx & Views" //9510 (Park-HI 4/25)
- 9590 NETH.ANT. R.Neth. 0230 EG, wld nx, "Nxline"; vg (Stanley-AZ 4/18)  
0230-0255 EG, "Newslite" w/special rept' on US attack o/Lybia,  
//6165 (Dillon-MD 4/15) 0251 EG, "Media Network" (Park-HI 4/11)
- 9590 SEYCHELLES FEBA R. 1558 EG, End of "Hidden Treasures" pgm, Asian  
& wld nx, s/off & IS 1611\*; fair (Park-HI 4/28)
- 9605 VATICAN STATE R.Vatican 0050 EG, Pope John Paul w/quotations fr.  
the Bible on the Creation; OM w/rep't on Central American  
refugees in Honduras; fair signal (Stanley-AZ 4/23)
- 9615 S.AFRICA RSA 0200 EG, IS, ID, nx, Mailbag; f (Stanley-AZ 4/19)  
0205 EG, nx of Africa (Bobb-MN 4/25) 0245 EG, 'Duke' Alexander  
on "DX Corner", nxbrief; fair (Park-HI 4/21)
- 9618 MOZAMBIQUE R.Mz. 0555-0615 PT, PT/EG pops, ID, some local hifile,  
not usu.heard this late; f (Alexander-PA 4/27) 1342 PT, live  
coverage o/futbol game, 1400 nx, R&R mx;f-p (Allen-OK 4/20)
- 9620 E.GERMANY RBI 2245-2315+ SP, ID, nx bulletin pgm, cmtry, spot  
mx sel's betw.tx segments; f-p (Jordan 4/11)
- 9635 FR.GUIANA R.Beijing 2200-2255 EG, wld nx & nx abt.CH, mx album,  
China Anthology, Listeners Letterbox (Chattos 5/11) 0200-0256\*  
EG, wld nx, cattle & farmland tx, instr.mx, cooking item, mx fr.  
a Beijing hotel, tx on CH composers, nice piano mx (Bonnet-IN  
4/26, also reported by Klein 4/24)
- 9650 SIBERIA RMWS 1815 EG, Summary of Gorbachev's speech to GDR party  
congress plus analysis; fair (Park-HI 4/20)
- 9655 AUSTRALIA RA 0750-0800 EG, "Australian Country Style", ID & frq  
annc'd, world nx; g (Trotto-FL 5/6)
- 9675 EGYPT R.Cairo 0248 EG, Listeners Mailbag w/Rita (Pate-MD 4/26)
- 9690 ROMANIA R.Bucharest 2007 EG, tx abt Romanian Transylvanians,  
2015 ID & opera mx; good signal (Alpert-NY 4/6)
- 9695 BRAZIL R.Rio Mar 0958-1005 PT, mx, ID, tx (Bobb-MN 4/24)
- 9695 JAPAN NHK 2355-0000\* EG, ID, economic nx; f-g (Bobb-MN 4/30)
- 9700 BULGARIA R.Sofia \*2030-2058\* EG, nx, M&W w/monthly pgm "Cultural  
Review" w/items on BLG fine arts, ballet; f (Jordan 4/29)  
2050 EG, Letterbox, BLG mx, ID, IS (Streitmatter-IN 4/17)\*2128-  
2159 nx, reviews of events & developments; g (Brann 4/4)
- 9700 CHINA R.Bei. 1016-1025\* EG, CH lang.lesson, ID 1023 (Moye 4/23)
- 9700 SWEDEN RSI \*2230-2240 SP, IS, ID, nx; hvy QRM; p (Trotto-FL 4/20)
- 9700 USSR RM 0235 EG, Ad: Free pix of Soviet hockey players offered  
(WOW! Just what I've always wanted.), mx, tx: environmental  
protection in USSR. (HA! The Soviet's idea of "environmental  
protection" is to make Kiev one large outdoor bar-b-quel...okay,  
people, no nasty letters for one bad joke...-ed.) (Dickson 4/6)
- 9709.5 MAURITIUS MBC 1222-1300\* lang/FR, pgm o/local mx w/cheerful  
announcer; 5 time tones & off 1300; fr (Allen-OK 4/21)
- 9715 USA WRNO 2232-2330 EG, call-ins & rept's on new fcy's;slt (Brann 4/18)
- 9725 PHILIPPINES VoA relay 1525-1530\* lang, tx (Indo?) (Bobb-MN 4/25)
- 9730 CHINA RB \*1300 EG, IS, ID, wld & nat't nx (Jordan 4/14) 1308-  
1330 EG, wld nx, sports, Reagan tx on nclr pwr, mx (Bonnet-IN 4/22)
- 9735 USSR RM 1500-1600 EG, wld nx, cmtry, views, RS mx (Chattos 4/19)
- 9740 CUBA RHC 2000-2100 EG, wld nx, sports, cmtry, mx, interviews,  
Musictime, Mailbag Show (Chattos 4/7) 0300 EG, nx: 4000 marched  
in demonstration against police violence in S.Chile, YL w/nx  
fr.Cuba, Cuban mx & vocals; g (Stanley-AZ 4/26)
- 9740 CZECH R.Prague 0300 EG, Summit mtng-Soviet peace proposals, Czech  
progress in health care; g w/ slite VoA QRM (Dickson 4/4)
- 9740 SINGAPORE BBC 1223-1238 EG, Countdown on Rock Hits (Streitmatter-  
IN 4/17) 1502 (Johnson-NE 4/1) (That's is? Nothing happened?  
Dead air? One of my pet peeves [in addition to "band scan"  
reports] is the "bare bones" report. Let's have a concrete  
detail or two next time, please -ed.)
- 9745 IRAQ R.Bagh. 1830-1930 AR, nx, local instr.mx, plus unison &  
vocal response singing, prayer chants also; f (Jordan 4/23)
- 9760 ALBANIA R.Tirana 0130 EG, IS, ID, nx; p (Stanley-AZ 4/25)
- 9760 PHILIPPINES VoA 1130 EG, "Now Mx USA" w/US top 10 LPs;f (Park-HI 4/24)
- 9765 W.GERMANY Deu.W 2108 EG, "Morning Magazine"; f (Alpert-NY 4/5)

- 9795 SIBERIA (site per RDI) RMWS-Komsomolsk'Amure 0627 EG, "Radio Bridge" dialogue pgm linking Kitimat BC w/Kushinov;p (Park-HI 4/13)
- 9805 EGYPT R.Cairo 2150 EG, ID, tx abt. the history of PANA, (Pan African News Agency) (Slagt 3/29)
- 9810 SIBERIA RM (Khab?) 1600 CH, IS, ID, martial mx, ann & nx; f (Park-HI 4/29)
- 9815 ISRAEL Kol Israel 2000 EG, nx, "Spotlight"; fair (Stanley-AZ 4/19)
- 9820 USSR RM 0230-0300+ SP, nx, cmtry on R.Marti, EZL mx (Jordan 4/14)
- 9830 BELGIUM BRT 0035-0045 EG, BLG nx, econ. situation in Zaire, adr; f (Bobb-MN 4/25) 0040-0125 EG, "Brussels Calling" w/DX pgm, look at Cland.bcsts plus items on RSt.Peace & Progress and R.Monte Carlo, into mx pgm w/US top 40 format; f to f/out (Jordan 4/14)
- 9835 HUNGARY R.Budapest 0115 EG, cmtry on space by M&F, tx abt. mx and orchestras (Levison 4/13) (Tnx. Lots better than the 4" strips -ed)
- 9840 KUWAIT Rku. 1945 AR, AR mx, clr.ID heard at 1959. Xlnt sig.at 2100. S/off at 2214 (Laskowski 4/20) 2015-2045 AR, interview, AR mx, wld nx, ID, more AR mx; f-g (Dillon-MD 4/13)
- 9870 ECUADOR HCJB 0200-0300 EG, The Story of Christy (Pardon my naiveness, but who?-ed) Discovery, DX Party Line, Amateur Radio report (Chattos 5/11)
- 9880 KENYA VoKn 1226-1303 Swahili, lots of tx & local mx, weak (Gavaras 4/26) 1259 Swa. Afro & Mid.E nx, vcl mx at 1315 (Thunberg-PA 4/22)
- 9895 NETHERLANDS RN 0130 EG, nx, "Newslines", "Media Network"; f (Stanley-AZ 4/24) 0130-0225 "Happy Station" pgm, //6020; fair (Dillon-MD 4/14) 0245-0325\* SP, tx & int'vu; 0300 nx (Jordan 4/6)
- 9900 CHINA RB FS 1830 Hausa?, IS, ID that sounded like "Malawan Peking"; ann, nx & CH mx; feature, 1855\*; p (Park-HI 4/6)
- 9935 GREECE VoG 0125 EG, ID, GK mx & vocals, 0130 nx; p (Stanley-AZ 4/14)
- 9940 CLAND. R.Camilo Cienfuegos 1104 SP, nx, ID, brief txs by YL then into LV del CID pgm; sio 353 (D'Angelo-PA 4/6)
- 9940 CLAND. LV del CID 1210-1245 SP, lively SP vocal & instr.mx, brf.tx then "Looney Tunes (Bugs Bunny)" theme mx, IDs, 1224-1233 nx, back to pop, EZL; g (Jordan 5/5) 0205 SP, tx, martial mx, IDs, Chuck Mangione mx, //7390 (Alexander-PA 5/4) 0403 SP, nx, ID, phone-in reports (of what? -ed); fair (Park-HI 4/18)
- 10010 VIETNAM VoV 1310 lang?, clasc.mx, tx (Johnson-NE 4/26)
- 10040 VIETNAM VoV 2100 FR, wld nx, tx abt.Gorba.//15010 (Slagt 4/5)
- 11580 USA VoA 0235-0245 EG, tx o/CH dance & ballet, //11680 (Swaringen-NC 4/23)
- 11620 INDIA All India P. 2113-2121 EG, Subcontinental mx, cmnt on US-Lybia at 2120; g (Klein 4/22) 2145 EG, mx, wld nx (McElvy-VA 4/20)
- 11625 S.ARABIA BSKSA 1720 AR, ID, nice slow AR songs (Slagt 4/6)
- 11625 SYRIA R.Damascus 2325-0000 SP, PT, AR mx, ID 2332, YL mentioned Iran, Iraq, Lebanon & Syria; PT at 2345 (Swaringen-NC 4/22)
- 11645 GREECE VoG 1717 GK, martial mx, ID & tx, pops (Slagt 4/6)
- 11680 USA site? VoA 0337-0400\* EG, "VoA Concert Hall" w/the mx of Almeida; nx and s/off; replaces 116757, //9455, 15375 (Park-HI 4/28)
- 11735 USA-Texas KCBI R. 1200-1610 EG, First Baptist Church, QSL adr, EZL mx, The Radio Connection, The World of Radio, Country mx review (Chattos 5/11)

\*Phew\*, busy month. Contributors for the July issue please note: loggings in this month's issue won't be repeated--I mention this for the benefit of those who may wonder why their "catch" will have been omitted once they see the July issue. In the meantime, see also May's issue for a complete update of what has been heard these past few months. Till next, good'day all.--pmd.



# LOG REPORT

## Section D

### 11700 and above

Editor: Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155

- 11705 SWEDEN RSI in EG 2300-2315, IS, ID, nx features, f-g (Stanley AZ, Giella TX 4/29)
- 11726 BULGARIA R. Sofia in EG 2300, IS, ID, political commentary, p (Stanley AZ 4/27)
- 11740 NETHERLANDS RN Flevo in EG 2044-2110, nx, SA Feedback, f (Brann MO 4/19)
- 11745 USSR R. Magallanes in SP 0330, IS, ID, nx, interview (Paszkiwicz, Slagt ARUBA)
- 11750 SINGAPORE BBC relay in EG 1030-1100, political reports (Bowden CA 4/20)
- 11750 IRAQ R. Baghdad in EG \*0300, IS, ID, NA, mx interlude, nx, g (Trotto FL 4/24)
- 11760 VATICAN STATE VR in Latin 0335, live church praying w/Pope J. Paul (Slagt ARUBA)
- 11760 UNITED KINGDOM VOA relay in EG 2105, world nx (McElvy VA 4/19)
- 11775 ANTIGUA BBC relay in EG 1115-1125, "On the Box" new pgm re Brit TV (Moye 5/7)
- 11785 ANTIGUA DW relay in EG 0100, IS, ID, nx, "Pocus on Bonn", f (Stanley AZ 4/26)
- 11600 ITALY RAI in EG 0118, children's choir, carrier off 0122, f (McElvy VA 4/25)
- 11805 BRAZIL R. Globo in PT 0255-0328\*, jingles, ID, sports, TC, nx, jazz (Paszkiwicz)
- 11810 SEYCHELLES FEBA in SH \*0315, repeated ID's, relig pgm, exc (Slagt ARUBA 4/13)
- 11615 JAPAN RJ in EG 1100-1130, rpt on upcoming OPEC meeting (Bowden CA 4/20)
- 11620 CANARY IS. REE relay in SP 1703, int'l nx, tlk re bull fighting (Slagt ARUBA 4/6)
- 11640 USSR R. Moscow in EG 1400-1500, pol tlk, nx, cmtry (Bowden CA, Streitmatter IN)
- 11640 JAPAN RJ in IN \*2230-2246, ID, nx re Libyan bombing, g (Giella TX 4/17)
- 11850 NORWAY RNI in EG 1600-1630, ID's, Norwegian nx, pop mx, f (Dillon MD 4/27)
- 11850 IRAQ R. Baghdad in AR 1914-2000, world nx, ID, war update, f (Dillon MD 4/27)
- 11870 JAPAN RJ in EG 0200, IS, ID, nx, cmtry on US dollar value, p (Stanley AZ 4/27)
- 11880 NORTH KOREA R. Pyongyang in EG 0000, IS, ID, f (Stanley AZ 4/19) also in EG 1430 endless cmtry re N. Korean relations w/ neighboring countries (Bowden CA 4/20)
- 11910 HUNGARY R. Budapest in EG 0936-0955, press extracts, IS 0955, f-p (Moye 4/29)
- 11915 MOROCCO VOA relay Tangiers in FR 2043, "Panorama", pop mx (McElvy VA 4/19)
- 11940 CANADA RCI in EG 0214, "Listener's Corner", //11845, p (Park HI 4/28)
- 11945 CHINA R. Beijing in RS 2019, overriding RCI co-channel, CH mx (Alpert NY)
- 11955 UNITED ARAB EMIRATES R. Dubai in EG 1630-1642, nx, wx, g (Streitmatter IN 4/12) in AR 1724-1736, AR mx, ID 1730, //9595, mx, drama, g (D'Angelo PA 4/6)
- 11990 KUWAIT RK in AR 1700, ID "Huna al Kuwait", nx?, tlk re Beirut (Slagt ARUBA 4/6)
- 12005 UNIDENTIFIED Pgm in Mideast type lang. 1800-1945, tlks, poss. nx, then to chants and mournful prayers w/undulating percussions, mx pgm at 1830, still on at 2125 (Jordan PA 4/26) ED: R. Cairo used to be on this freq about 8 yrs ago. Can anyone help identify this one? Pakistan? USSR Mid-east service?
- 12050 USSR R. Moscow in EG 0247, tlk re Soviet taxes, US air raid, g (Dickson OH 4/26)
- 13605 USSR R. Kiev via Khabarovsk in EG 0215, tlk re nuclear tests (Dickson OH 4/4)
- 13605 USSR R. Vilnius via Khabarovsk in EG 2201-2235, tlk re cosmonauts (Brann MO 4/3)
- 13650nf NORTH KOREA R. Pyongyang in EG 2300, IS, ID, nx, feature, f (Stanley AZ 4/18)
- 13765 USSR R. Moscow in lang? 1200-1300, lecture, exotic mx, IS, g (Jordan PA 4/21)
- 13785 ISRAEL KI in EG \*1800-1815, economic items, nx, wx, vg, //11585 (Jordan PA 4/21)
- 13797 ICELAND ISBS Reykjavik in IC 1215-1245, nx?, remotes, ID on half hr (Jordan 4/21)
- 15010 VIETNAM V. of Vietnam Hanoi in lang? 1240, nice VT mx, tlks (Pate MD 4/26)
- 15100 CHINA R. Beijing in SP 0005-0028, numerous ID's, polit cmtry, f (Moye 4/29)
- 15115 ECUADOR HCJB Quito in EG 1455-1530, relig pgm, vocals, world nx (Bonnet IN 5/7)
- 15130 IRAQ R. Baghdad in AR 1638-1701\*, AR mx, full ID at 1700, p (Dillon MD 4/26)
- 15140 CHILE RN de Chile in SP 0200, US oldies (Pate MD 4/22) also in SP 2122 w/what sounded like a sports broadcast (McElvy VA 4/19)
- 15150 NEW ZEALAND RNZ in EG \*0329, IS, ID, ezl mx, interview, exc (Stanley AZ 4/22) also hrd same time in EG, opera mx, f (Giella TX 4/10)
- 15150 NORTH KOREA R. Pyongyang in EG 0000, IS, ID, nx, QRM, f (Stanley AZ 4/20)
- 15160 AUSTRALIA RA in EG 0300, IS, ID, "Profile", sports report, exc (Stanley AZ 4/24)
- 15171 SOCIETY IS. R. Tahiti in FR 0145, US pop/rock mx (Pate MD 4/26, Stanley AZ 4/22)
- 15180 USSR R. Kiev via Komsomolsk in EG 2330, IS, ID, nx, f/o 2339, p (Stanley AZ 4/26)
- 15160 USSR R. Vilnius via Komsomolsk in EG 2200-2219, nx, mailbag, f (McElvy VA 4/27)
- 15190 NC. MARIANAS KYOI Saipan in EG/JP, rock/pop mx, ID in EG 0310, appeal for funds, heavy fade, f (Stanley 4/19) hrd also at 0401, ID "Super Rock KYOI" (Johnson NE)
- 15190 BRAZIL R. Inconfidencia in PT 0130-0145 f/o, sports event, fk (Dickson OH 5/1)
- 15200 GABON Africa #1 in FR 1123-1140, current affairs in Africa, piano mx, canned ID at 1135, TC, contest, f (Dillon MD 4/19) also in FR 1632, ID, tlks (Brann MO)
- 15235 JAPAN RJ in EG 0100, IS, ID, nx, current affairs, f (Stanley AZ 4/15)
- 15235 LIBYA R. Jamhiriya in EG 1650, interview w/Khadafi (Slagt ARUBA 3/30)

15240 EAST GERMANY RBI in EG 1416-1440, nx and views, youth pgr (Brann MO 4/5)

15260 CANADA BBC relay in EG 1630-1700, "The World Today", tlk re jazz (Bonnet IN 5/7)

15270 ECUADOR HCJB Quito in EG 2135, "DX Party Line", g (Brann MO 4/14)

15285 ASCENSION IS. VOF relay in SP 1150-1200, mx & nx (McElvy VA 4/22)

15300 UNITED ARAB EMIRATES R. Dubai in AR 1440-1710, US mx, tlks, chants, f (Jordan PA)

15305 NORWAY RNJ in NO 1441-1446, US pop mx, tlks, ID's in EG/SP, p (Brann MO 4/19)

15320 LIBERIA VOA relay Monrovia in SH 1708, ID, tlk re Halley's comet (Slagt ARUBA)

15320 AUSTRALIA RA in EG 2330, ID, nx, QRM from 15315 in SP, f (Stanley AZ 4/17)

15345 SWEDEN RSI in EG \*1400-1430, IS, ID, Nordic nx, SW nx, sports (Jordan PA 4/6)  
in FR 1456-1504, lilting vocal song, Vivaldi instr. mx, f (Bobb MN 5/1)

15350nf MOROCCO R. Mediterranee Int. in FR 1700, tlk re intl politics (Slagt ARUBA)  
ED: WRTH doesn't list a SW outlet for this station. This must be their first SW.

15365 CANARY ISLANDS REE relay in SP 1424, mx and nx (McElvy VA 4/20)

15390nf BRAZIL R. Nac. de Amazonia in PT 1710, relig pgr in commemoration of Christ's  
crucifixion (Slagt ARUBA 3/30) ED: Has anyone in the US heard this one yet? WRTH  
lists Radiobras on this freq 2100-2150.

15400 ASCENSION IS. BBC relay in EG 1700, world nx, p w/high noise level (McElvy VA)

15410 WEST GERMANY DW in GM 0043-0100, GM vocals, instrumentals, g-f (Bonnet IN 5/2)

15425 USSR R. Moscow via Petropavlovsk in EG 2200-2230, nx, Gorbachev speech (Brann MO)

15425 AUSTRALIA ABC Perth in EG 0143-0150, mx, TC, stocks, tlks, f (Brann MO 4/3) also  
in EG 0426 w/ABC nx, g w/some fading (Johnson NE 4/26)

15430 MEXICO RMI in SP 2225, tlk abt different colonial constructions in Mexico,  
(Slagt ARUBA 4/13) also in SP 0030 w/"Musical de Mexico" pgr (Pate MD 4/26)

15465nf MONACO R. Monte Carlo in AR 1205, ID's, rock mx, AR mx, g (Rigas IL 4/28)  
ED: This must be first SW outlet for RMC which has been only on MW & FM in past.

15475 GABON Africa #1 in FR 1810-1850+, US pop mx, ID's, tlks, nx (Jordan PA 5/3)

15495 KUWAIT R. Kuwait in AR 1517-1600, Qur'an recitation, ID, //9840 (Dillon MD 4/26)

15560 NETHERLANDS RN Flevo in EG 1519, tlk re RN reporters trip to Kuwait (Slagt 4/2)

15575 SOUTH KOREA RK in EG 0215, nx, tlks re Olympics, trade etc., KR mx (Dickson OH)

15595 PAKISTAN PP in Urdu 1548, mx, nx in EG at 1600, ID (Johnson NE 4/9)

15630 GREECE VOG in GR 1509, tlk re Dutch prime minister (Slagt ARUBA 4/2)

17595 MOROCCO RTM in AR 1449, mx, Koran, nx (McElvy VA 4/20)

17705 NEW ZEALAND RNZ in EG \*2345, home service, nx, f (Stanley AZ 4/21)

17730 VATICAN STATE VR in EG 1550-1559\*, relig nx re Pope, p (Streitmatter IN 4/12)

17810 JAPAN RJ in EG 0500, IS, ID, nx, "Japan Scene", Asian nx, g (Stanley AZ 4/21)

17815 ISRAEL Kol Israel in AR? 1745-1815, spirited tlks, crowd noises (Jordan PA 4/12)

17835 JAPAN RJ in EG 0100, IS, ID, "Current Affairs", "Japan Scene", f (Stanley 4/25)

17780 PHILIPPINES VOA relay in KR 2135, nx & analysis, tlks, p (Park HI 4/8)

17795 AUSTRALIA RA in EG 2300-0300, ID's, nx, "International Report", wx, sports and  
education on dangers of wildlife photography (Bobb MN, Stanley AZ, Bonnet IN 4/22)

17890 ECUADOR HCJB Quito in EG 1500-1530, relig pgr, exc mx (Bowden CA 4/20)

17895 LIBYA R. Jamahiriya in AR 1936-1955, ID at 1952, tlk re US, g (Giella TX 4/20)

21680 NETHERLANDS ANTILLES RN relay in DT? 1735-1825\*, poss nx, interviews, odd vocal  
selections, more tlks, ID's, f (Jordan PA 4/11)

\*\*\*\*\*  
As in the past, items listed under Log Section D last month were not repeated this month.  
There were some good new catches this month and these are especially valuable to the mem-  
bership. Keep these coming. Thanks to those who contributed to the above listings.  
\*\*\*\*\*



# FRENDX LOG REPORTERS

Distributing Editor: John F. Henault, 55 Lincoln St., Abington, MA 02351

FRENDX CONTRIBUTORS LIST ---- JUNE 1986 ISSUE ---- DEADLINE = 12th of MONTH  
\*\*\*\*\*

ALEXANDER, Brian; Mechanicsburg, PA. (Got it right this month Brian !); ALLEN, Kirk; Ponca City, OK (NRD515); ALPERT, David; NYC, NY (R71A/SPR4); BOBB, Norman; Minneapolis, MN (R1000/R600); BONNET, Arthur; W. Lafayette, IN. (DX400); BOWDEN, Ralph, Mentone, CA. (FRG7700); BRANN, Dustin; Kandas City, MO. (ICF2002); CHATTOS, Richard; Columbus, OH. (R600); D'ANGELO, Richard; Wyomissing, PA. (R70); DICKSON, Richard; Goshen, OH. (DX302/XCR30/FRG8800); DILLON, Peter, Columbia, MD. (DX400); FIELD, Marlin; Hillsdale, MI. (SPR4); GAVARAS, Tom; Minnetonka, MN. (R70); GIELLA, Tom, League City, TX. (R1000); JOHNSON, Steven, Omaha, NE. (R70/RF2600/SX71); JONES, Brian, San Antonio, TX. (R70); JORDAN, Rufus, Pittsburg, PA. (DX302/Trans-Oceanic); KLEIN, Kevin J., Appleton, WI. (ICF2002/ICF4800); LASKOWSKI, Tom, South Bend, IN. (ICF2001); LEVISON, Harold, Philadelphia, PA., (R70); McELVY, Tom, Norfolk, VA. (R70/DX400); McLEMORE, Travis, Clearwater, FL. (FRG7); MOYE, Steve, Cranston, RI. (R71A/ICF2002/ICF2010); PARK, Dale, Honolulu, HI. (ICF6700W); PASZKIEWICZ, Sheryl, Manitowoc, WI. (NRD515); PATE, Gary, Baltimore, MD. (R70/R1000) PETRAVICK, Don, St. Louis, IL. (R2C); RIGAS, Christos, Chicago, IL. (R2000/ICF2002); SLAGT, Raymond, ARUBA, West Indies, (R2000/ICF7600D/DR28); STANLEY, Trevor, Flagstaff, AZ. (NRD515); STREITMATTER, Jim, South Bend, IN. (RF-B300); SWARINGEN, David, Huntersville, NC. (R70); THUNBERG, Bob, DuBois, PA. (R1000/CR2021/S40B); TROTTO, Ron, St. Cloud, FL. (CR2021); WARNER, Donald, New Carlisle, OH. (DX302).  
\*\*\*\*\*

There we have it for another month my friends. Welcome as usual to the new contributors and nice to see the old faithfuls in there as well.

As stated in the last issue, your editor and several friends made the trek to the "MECA" of Radiodom called DAYTON HAMVENTION. If you have never been there, there are just no words to describe its immensity, takes at least 2 days to see the outside offerings, if there is anything larger of its kind in the USA, I'd like to know about it but I don't think these feet of mine would carry me through the place.

I had the opportunity to meet Bob Grove and his lovely wife as well as Fred Osterman and his wife. Both had large and well layed out displays of all the Goodies they sell to the SWL Hobbieist like you and I. Both Fred and Bob gave very nicely presented talks at the SWL Forum held inside Harra Arena on Sun. Morning.

Fred Osterman was kind enough to provide me with a copy of the newest issue of DXER'S DIRECTORY, I'm sure that it will be reviewed elsewhere in FRENDX and other Hobby Publications, but personally speaking, I think that Fred is to be highly Congratulated on the fine job he did putting all the information together in a fine way, Nice Job FRED !!.

To my friends, Abe Lewkowicz, Bob Thunberg and Daryll Symington, I'd like to say Thanks for helping to make the trip possible and so greatly enjoyable. Perhaps we will do it all again in the future, but certainly not next year I'm afraid.

There is a slim possibility that I may be able to attend at least part of the ANARCON events in Montreal Canada, and if I can do so, I'll look forward to meeting lots of my fellow members of NASWA there. Here's hoping its a possibility for July,

I have about run out of room here for this month folks. See you all in a month and until then, please, keep those loggings coming. They are what makes FRENDX what it is today.

*Bob*



# MONITORING TIMES

Published by



Grove Enterprises, Inc.

BOB GROVE

*Publisher and Unitas Editor*

P.O. Box 98

Brasstown, N.C. 28902

(704) 837-9200

LARRY MILLER

*Broadcast Editor*

P.O. Box 661

Thorndale, PA 19372

(215) 364-8944

Telex 358-695

## MONITORING TIMES PRESS RELEASE

For immediate release

The first joint issue of Monitoring Times/International Radio will be available on June 20, 1986, and will feature a number of new faces as well as many of your old favorites from International Radio.

New to the staff is Larry Magne, known throughout the world as the "father of equipment reviews" for his pioneering work in Radio Database International and WRTVH. Magne will provide reviews of the latest equipment each month for **Monitoring Times**.

In the 1986 WRTVH, Magne reported that the Philips/Magnavox D2999 had "problems with performance" and rated it "the worst" because of the way it multiplied signals. Today, the D2999 has been revised by Philips. And according to Magne's review in the July issue of **Monitoring Times**, the set is much improved and is notable for its superior audio quality. Magne also tells how you can avoid getting stuck with one of the older models, some of which may still be on store shelves.

Also in the July issue is the story of World Harvest Radio, America's powerhouse evangelical shortwave station. Author Donald Dickerson visited the station and says that it all started when the chief engineer brought his QSL card collection into work.

The BBC's Margaret Howard may be gone from the airwaves now that her popular "Letterbox" program has been cancelled, but she won't be down for long. The woman that chaired the station's "It's Your World" talk show and who hobnobs with kings and queens, isn't about to let you forget her name. Ken MacHarg talks with shortwave's sharpest-tongued hostess.

In addition to these and other articles from around the world (including a report on a new English language service from Radio Beijing by Chinese correspondent Lu Jiang), you'll find the latest in World Radio News with Greg Jordan, DX with Tom Williamson, pirates and clandestines with Scott McClellan, a comprehensive list of English language broadcast frequencies compiled by a team of four professional monitors stationed on both east and west coasts, advance program details and much, much more.

Subscriptions to the new **Monitoring Times** are available for \$14.00 (one year), \$25.00 (two years) and \$36.00 (three years) in North America. Outside of North America, subscriptions are available by surface mail for \$27.00 (one year), \$50.00 (two years) and \$73.00 (three years); by air mail for \$49.00 (one year), \$94.00 (two years) and \$139.00 (three years) from Grove Enterprises, P.O. Box 98, Brasstown, North Carolina 28902.

General Offices: 140 Dog Branch Road • P.O. Box 98 • Brasstown, N.C. 28902 • (704) 837-9200



# ANARCON-86

MONTREAL, CANADA - JULY 18 - 20, 1986  
HOLIDAY INN - PLACE DUPUIS

.....  
CONVENTION REGISTRATION FORM

NAME: \_\_\_\_\_

ADDRESSE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

POST/ZIP CODE: \_\_\_\_\_

TELEPHONE NO. ( ) \_\_\_\_\_

ANARC OR OTHER CLUB AFFILIATION: \_\_\_\_\_

I AM ENCLOSING THE FOLLOWING AMOUNTS: FULL CONVENTION REGISTRATION \$ \_\_\_\_\_

SINGLE DAY REGISTRATION \_\_\_\_\_

PLEASE NOTE: THESE AMOUNTS ARE ALL PAYABLE IN ADVANCE.

ANARC AWARDS BANQUET \_\_\_\_\_

PAYMENT CAN BE MADE IN

BUS TOUR OF MONTREAL \_\_\_\_\_

CANADIAN or U.S. FUNDS BY

BOAT TOUR OF MONTREAL \_\_\_\_\_

PERSONAL CHEQUE (In Canada and U.S. only) OR BY MONEY ORDER.

TOTAL AMOUNT ENCLOSED \$ \_\_\_\_\_

.....  
I WILL / WILL NOT BE ATTENDING THE FRIDAY EVENING WINE & CHEESE RECEPTION

I WILL / WILL NOT BE ATTENDING THE SATURDAY EVENING COCKTAIL PARTY

(Please circle appropriate word above)

I WILL BE TRAVELING TO THE CONVENTION BY: CAR: \_\_\_\_\_ BUS: \_\_\_\_\_ AIR: \_\_\_\_\_ TRAIN: \_\_\_\_\_

I WOULD LIKE TO REQUEST THE FOLLOWING SPECIAL MEAL ARRANGEMENTS FOR THE ANARC BANQUET  
\_\_\_\_\_  
\_\_\_\_\_

Please note: The banquet main course is filet of beef brochette. Requests for meal substitutions may be made for religious or dietary reasons only.

**WILLIAM J. PLUM  
PRINTING**

12 GLENN ROAD  
FLEMINGTON, NEW JERSEY 08822  
(201) 788-1020

---

**DX-SWL SUPPLIES**

**Reception Report or Prep. QSL Cards**

*English, Spanish, Portuguese & French*

**50-\$5.00    100-\$7.50    250-\$12.50**

**Mix & Match**

**#10 Airmail Envelopes**

*Red & Blue Border with Inside Tinting*

**50-\$4.00    100-\$6.00    250-\$12.25**

**Reception Log Sheets 8½x11**

**200-\$6.50    200-\$7.00** For 3-Ring Binder

**Reception Log Books 8½x11 50 pages**

**2-\$4.00    4-\$7.00**

**Personalized SWL Pennants**

**Airmail Stamps for Return Postage Use**

*Instead of Costly IRCs Try These*

*Brasil \$1.00    Colombia 80c    Venezuela \$1.00*

*Ecuador 80c    Peru 80c*

*If only stamps are ordered, send an SASE with orders under \$5.00*

**Products Shipped United Parcel in U.S.**

**Foreign Orders inquire with RP**

# NASWA

"UNITY AND FRIENDSHIP"  
PUBLISHES *FRENDX* MONTHLY

## NASWA MEMBERSHIP FEES:

First Class North America .....	\$16.00
Overseas - Surface Mail .....	\$16.00
Airmail to Central America, Caribbean, South America and Europe .....	\$25.00
Airmail to Asia, Africa and the Pacific .....	\$28.00

All remittances must be in U.S. funds and mailed to:  
NASWA, 45 Wildflower Road, Levittown, PA 19057, U.S.A.

update

Besides *FRENDX*, NASWA also publishes **UPDATE** . . . a mid-month newsletter with the very latest DX news while it's still news. (**UPDATE** also appears in each issue of *FRENDX*. It is available only to NASWA members:

## UPDATE SUBSCRIPTION RATES PER YEAR:

North America (First Class) .....	\$4.00
Overseas (Airmail) .....	\$6.00

Sample copies of *FRENDX* and **UPDATE** are available for:

North America .....	\$1.00
Overseas .....	\$2.00

**EXECUTIVE DIRECTOR & PUBLISHER** - Bill Oliver, 45 Wildflower Road, Levittown, PA 19057  
**SHORTWAVE CENTER** - NASWA Headquarters  
**LISTENERS NOTEBOOK** - Glenn Hauser, Box 490756, Ft. Lauderdale, FL 33349  
**QSL REPORTS** - Sam Barto, 47 Prospect Place, Bristol, CT 06010  
**UPDATE** - Tom Alleman, 636 E. 74th Terrace, Kansas City, MO 64131  
**DISTRIBUTING EDITOR** - John F. Henault, 55 Lincoln St., Abington, MA 02351  
**LOG REPORT A** - Mike Harris, P.O. Box 264, Grove City, OH 43123  
**LOG REPORT B** - Jerry Berg, 38 Eastern Ave., Lexington, MA 02173  
**LOG REPORT C** - Peter Drizhal, P.O. Box 663, Oxon Hill, MD 20745  
**LOG REPORT D** - Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155  
**SCOREBOARD** - Jerry Lineback, 115 Wroxtton, Conroe, TX 77304  
**AWARDS PROGRAM CHAIRMAN** - John Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545  
**COUNTRY LIST CHAIRMAN** - Don Jensen, 5204 70th Street, Kenosha, WI 53140  
**U.K. REP.** - Alan Thompson, 16 Ena Ave., Neath, W. Giamorgan, Great Britain SA11 3AD

**FIRST CLASS MAIL**

**NORTH AMERICAN SHORTWAVE ASSOCIATION**  
45 Wildflower Road  
Levittown, Pennsylvania 19057

**FIRST CLASS MAIL**  
U.S. POSTAGE  
PAID  
Levittown, PA  
Permit No. 319