

# FRIENDS



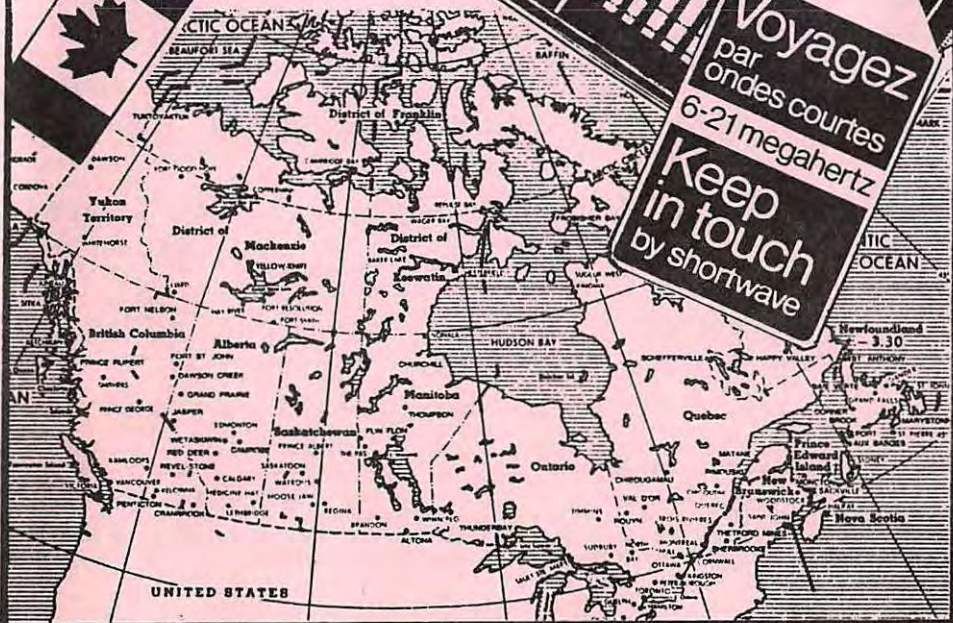
## RADIO CANADA INTERNATIONAL



Voyagez  
par  
ondes courtes

6-21 megahertz

Keep  
in touch  
by shortwave





Welcome to 43 new members joining in time to receive the September issue of FRENEX. We hope they find their membership to be helpful.

|   |  |
|---|--|
| BAXTER, Kirk, Mission, KS               | MERTENS, Robert, Sarasota, FL                      |
| BERZONSKY, Ed II, Elmora, PA            | MILLER, H.A., Orlando, FL                          |
| BINGHAM, Steven T., Denton, NC          | MOORE, Michael L., Austin, TX                      |
| CAHN, Gerald A., Houston, TX            | MOSIER, David C., San Jose, CA                     |
| CLUTERS, Tom, Ironton, OH               | PARKINSON, Matt, Garden Grove, CA                  |
| COBB, Richard D., Salem, OR             | PIHL, Richard, Shalimar, FL                        |
| DANIEL, John M., Beckley, WV            | PORTER, Stephen, Burlington, CT                    |
| DOBERSTEIN, Jeff, Richfield, MN         | PRATT, Melvin L., Midwest City, OK                 |
| DONATI, Brian C., Richmond, VA          | REIMER, Carl C., Kennett Square, PA                |
| DVORAK, Dave, Park Ridge, IL            | REIQUAM, Clifford E., Tiburon, CA                  |
| FIRTL, Ernest, Ajax, Ont.               | RINGGENBERG, Harold, Cincinnati, OH                |
| FORTIN, Harry W., Richmond, MI          | SANTOSUOSSO, John, Lakeland, FL **                 |
| FRANKOVIC, Jon W., Battle Ground, WA    | SCHLAUGAT, Al W., Prairie du Chiens, WI            |
| GREELEY, Michael, Kennett Square, PA    | SHELDON, Edwin L., Mellette, SD                    |
| GROVER, David, Galion, OH               | SLOTE, Jerome, New York, NY                        |
| HEATHCOTE, Jim, Ferndale, MI            | STINSON, John W., Calexico, CA                     |
| INGLER, Homer E., Plant City, FL        | STUCKEY, Henry M., Jr., Columbia, SC               |
| KAMENSKY, Bernard, Bethesda, MD         | TROMATER, Jim, Richmond, VA                        |
| LATENDRESSE, Guy-Gabriel, Vancouver, BC | WALKER, Michael, West Lorne, Ont.                  |
| LATEMANN, Jack K., Seattle, WA          | YACONO, Patrick, Brooklyn, NY                      |
| MARSH, Michael, New York, NY            |  |
| MERRILL, John C., Bartlesville, OK      | ** Welcome back to NASWA<br>after a short absence! |
| MEYERS, Clifford, Phoenix, AZ **        |  |

ANARC CONVENTION 1980 - THUNDER BAY, ONTARIO OR SOUTHERN CALIFORNIA? David B. Browne, Executive Secretary for the Association of North American Radio Clubs reports that two bids have been received for the site of the NAARC 1980 convention.

One is from Southern California DXers (SCADS) to host this affair at the University of California facilities at Irvine, California. The other is from the Canadian SWL International (CSWLI) for the event to be held in Thunder Bay, Ontario, Canada. Tentative dates for either location would be for July 18 through July 20, 1980.

Between now and September 15, all ANARC clubs, including NASWA, will advise ANARC HQ of their choice as to the 1980 location. Each club will vote as a single unit, but the number of votes each club will cast depends on the total number of individual members in each ANARC club.

Advance word from each bidder assures adequate meeting facilities and housing is available. Likewise, each boasts of its own excellent transportation facilities and tourist attractions, so it can be assumed that either choice would assure a good time by all.

Any NASWA member thinking about, or know they definitely will attend the 1980 convention can drop us a post card here at HQ before Sept. 15 stating his/her preference as to the location. We would feel better when we cast our block of votes if we had a consensus of our members preference.

# NASWA

A REPORT FROM  
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.  
SEPTEMBER, 1979

NEW LOG REPORT EDITORS NAMED: Two new Log Report editors are beginning their duties with this issue of FRENEX. Peter Schipelliti of Burlington, MA is the new LR-C section editor replacing Tom Gavaras who had been editor of this section since February, 1976. Our other new editor is Brett Saylor, Altoona, PA who will be the permanent LR-E editor, taking over from David Walcutt who had been acting LR-E editor, and before that was our distributing editor for the Log Report sections. We hope both Peter and Brett will find their association with FRENEX to be rewarding, and that the retiring editors will continue their interest in FRENEX and NASWA.

We especially would like to publicly thank the other persons who expressed interest in taking over these jobs. It is comforting to know that others are available and willing to offer help when it is needed, so we hope they will stand by for a later call when the need again arises.

A TRIBUTE: We were saddened by receipt of a note from Mrs. Lucille Davis of Laguna Niguel, CA advising of the recent death of her husband and our long time NASWA member W.F. "Bill" Davis who died July 4, 1979 in an area hospital from pneumonia and other complications.

Bill Davis was a frequent contributor to various sections of FRENEX and was recognized as an expert on the subject of DXing the Soviet regional stations which he monitored from his southern California location using his "Homebrew" receiver. Because of his thoroughness, he was able to provide much information on frequency changes, schedule changes, and other facts relating to Soviet broadcasting which would always appear in FRENEX much sooner than it would be reported by most any other source.

According to Mrs. Davis, Bill was not able to contribute as much as he would have liked to in recent years, but he remained a constant listener. She found logging notes made by Bill on his desk blotter made just a few days before he went to the hospital.

We are truly sorry Bill is no longer with us.

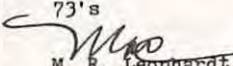
YOUR ATTENTION PLEASE! One of the advantages of being a NASWA member and a FRENEX reader is that you are able to learn of new products, area group meetings, special publication offers, competitions, etc., which you might not have known about otherwise. FRENEX is available for advising the membership of things and events of interest to the hobby, and such announcements are always published without charge on a space available basis.

Announcements of special offers of merchandise, services, special events, etc. should be sent to NASWA Headquarters at P.O. Box 13, Liberty, IN 47353 and not to the individual editors or the publisher. Some have been sending the same request for an announcement to several editors, apparently hoping that if one editor doesn't use it, another may, and if several editors use it, so much the better for the contributor. When this happens, it also means that someone else with an equally important offer or announcement may have had his offer set aside for a later issue due to lack of space for it to be used for an earlier issue.

To make sure space available for such announcements is distributed fairly, all editors have been requested not to publish any sort of general announcement unless it has been sent to them from HQ.

The above does not apply to the simple "Helping Hand" type item which is for the purpose of one person offering a single article to another person, or a request for a wanted item. These should be sent direct to our publisher, Bill Oliver who will use them as filler items whenever space is available at the bottom of a page or end of a section.

73's

  
M. R. Leonardt,  
Executive Director - NASWA

# shortwave CENTER



JERRY A. LINEBACK, EDITOR  
P. O. Box 325  
St. Joseph, Illinois 61873

SEPTEMBER 1979

## RACAL

THE RACAL RA-6217A RECEIVER - YOU'VE GOT TO SEE IT  
TO BELIEVE IT!

by Bill Whitacre, 2609 Devonshire, Lansing, MI 48910

What do you think of when you dream of the ultimate receiver? Sensitivity, selectivity, frequency coverage, tuning accuracy, audio. . .? Through the years I've had the opportunity to own and operate some of the receivers that may flash through your mind when you consider the ultimate - from the plain, old, under-rated R-4B, to the "top of the line" Collins 75S-3B. As I confessed in my last article on receivers, the review of the RA-6117 receiver, it had come the closest to the "DXability" of the R-4B of any receiver I'd ever owned. I also said my search hadn't yet ended for the ultimate receiver - and I'm now back to report that I've come one step closer to that goal with purchase of the Racal RA6217A.

The 6217 is one of many offspring of the revolutionary RA-17 receiver. The receiver is, in short, compact (only 3½ inches tall), solid state but not prone to noise like the SPR-4, as easy to operate as an FRG-7 or SPR-4 and truly one of the most versatile machines around. With this flowery introduction, let's get down to cases.

**FREQUENCY COVERAGE:** One wouldn't usually start a description of a receiver with this factor, but in the case of the Racal receivers it is an important consideration since the specified coverage is from 0.98 - 30 MHz (actually down to 940 kHz) - thus cutting out the lower half of the mediumwave band. This may leave many of you cold, but read on for there is more to tell and besides, for another \$300 you could add on the RA-6337 converter for coverage down to 3 kHz! The range is covered in 1 MHz bands and displayed on an R-390-like "spin-digital" dial - but with far smoother tuning than any R-390 I've seen and not near so many gears. Calibration accuracy is to within 200 Hz when calibrated to the nearest 100 kHz and this is no idle boast, when the 2nd VFO is properly aligned.

**SENSITIVITY:** According to the 2 inch thick, \$25.00 manual for the 6217, the sensitivity is conservatively rated at 0.5 uV for 15 dB s/n on SSB and 1.5 uV for 15 dB s/n on AM. I'm telling you from personal experience that below 21 MHz the receiver is as sensitive or more so than any receiver I've ever used. Above 21 MHz the receiver I have drops off slightly on sensitivity, but is still sufficient to pull in the OSCAR satellites on 29.5 MHz! On the lower bands, particularly below 2 MHz, you'll find yourself using the attenuator control a lot to eliminate any chance of spurs caused by the touchy preselector and occasional inability to handle its own sensitivity.

**SELECTIVITY:** This is where we get down to basics and the 6217 has it all. Unlike its English made partner, the RA-217, the 6217 has a full compliment of selectivity positions including -3 dB points at: 13, 6, 3, 1, and 0.2 kHz. Between these 5 positions the receiver is truly suited for almost any kind of work - from tight CW operation at 200 Hz, to DXing 60 metres at 3 kHz and occasionally 1 kHz, to recording programs for rebroadcast at 6 or 13 kHz. This receiver has it all! I usually do my DXing on 3 kHz and listening on 6 kHz. A 2 kHz filter would be nice, but I know of only one receiver that has filters at 1, 2, and 3 kHz, and that's the HQ-180! The shape factor on these filters is very conservatively rated at 1:4 (6 dB to 60 dB) but I haven't found anything yet that I couldn't dig out of a pile of hets with the receiver and that's without any form of rejection or notch tuning.

**AUDIO:** In this department the 6217 surely stands head and shoulders above most other communications receivers with less than 2% audio distortion. The only receivers comparable to it may be some R-390's and a few of the newer Japanese receivers now out. On an adequate signal, by opening up the selectivity and slowing down the AVC, one can get truly hi-fi recordings and even on the tight selectivity positions audio is quite satisfactory.

**STABILITY:** Another plus here for the 6217. As it is solid state there is very little

"first-on" drift and almost no long term drifting. In other words, you can tune a SSB station with the BFO on and walk away and if the station is still on and hasn't drifted itself, whenever you come back to listen, the station will still be there. This is the kind of long term stability you need when attempting unattended DXing with a timer and recorder.

**FLEXIBILITY:** As I mentioned in a previous article this factor, more than any other, is what determines which one of many high quality receivers is the best. The 6217 has provisions for, among other things:

- RA-6337 LF Adapter (3 kHz - 980 kHz)
- RA-6366 Panoramic Display
- RA-6317 Synthesizer
- RA-6377 Comparator (for frequency measurement)
- RA-6397 Antenna filter unit (for automatic pre-selection)

The 6217 also comes with a host of different power supplies from regular AC to AC/DC to AC/Nicad batteries.

#### A GUIDED TOUR OF THE FRONT PANEL:

The guided tour will refer to the picture of the radio and start at the center with the frequency display, "spin-digital" as mentioned before. To either side of the dial is the MHz (left) and kHz (right) knobs as in all Wadley-loop receivers. Above the dial is the "S"/audio line level meter and to either side of it are the External/internal VFO control (left) and calibrate/fine tune control (right). Now onto the upper left block of knobs. In the far upper left is the RF tune control designated as to MHz ranges and the smaller concentric knob is the fine tune for preselection. To the right of this is the function switch with calibrate and AGC modes (fast, medium, and slow). Below that is a phone jack and to the left of it is the attenuator switch with 5 positions of attenuation. This is very useful on loud signals. Now to the right block of knobs. In the far upper right we have the BFO tune control for variable BFO. Right below that is the RF/AF gain control (again concentric knobs). To the left of that is the selectivity control and above that is the mode switch which includes variable BFO, preset BFO at  $\pm 1.5$  kHz (for USB and LSB) and at  $\pm 3$  and  $\pm 6$  kHz. There is also a position for "FM" which incorporates an FM discriminator to detect any station that may be on FM down here!



**GRIPES:** I only have a couple of gripes about the radio. One is the apparent lack of sensitivity above 21 MHz - as I said I think this may only be a condition of my radio, but is never-the-less annoying. The exclusion of a noise blanker or notch are not exactly helpful selling points of the receiver, but with the selectivity available, a notch would only be marginally helpful. Another problem is the fact that there is no audio output on the receiver sufficient to drive a speaker. All you have are several 10 mW or 1 mW outputs for taping. With an external amplifier this can be easily remedied though and if you've got a comfortable pair of phones, who cares anyway!

**AVAILABILITY:** This is where you can run into difficulty. These receivers are still made in the U.S. by Racal and sell for something like \$5995!! But they can be found on the used market for less than \$1200. Like they say, you pay for quality. The trick is not to pay too much. The great majority of these receivers on the used market come out of government surplus, including the FCC. The best place to look is in ads in QST or the Ham Trader "Yellow Sheets" or if you're interested, let me know and I may be able to stir one up for you. However you get one though, you will be glad you did. I know I was!

\*\*\*\*\*

## Digital 160

DIGITAL DX 160

by Malcolm P. Hallam, 2203 W. Pilaklakaha Ave.  
Auburndale, FL 33823

Intrigued by an article in the December 1978 FRENDX by David Mattis regarding his digital frequency readout device, I wrote to him requesting further information. I received a prompt,

thorough answer to all of my questions and subsequently ordered a kit for my DX-160.

I have no electronics expertise at all, and my experience in kit building is limited to several Heathkit projects that I have put together. While Mattis is the first to admit that his manual doesn't furnish the step-by-step illustrated directions provided by Heath, nevertheless everything you need to know is there. Bearing in mind that the factory assembled unit costs \$50 more than the kit, it is clear that assembling the kit is a lot of work but if you have the time and do not mind tedious soldering operations (there are 19 ICs and numerous other components), going the kit route is money well spent.

I made a stupid mistake during the job and wrote Mr. Mattis for help; he responded promptly outlining every conceivable solution to my problem. One of them, of course, enabled me to complete the project without further difficulty. Came the great day when I hooked the unit to my DX-160 (a simple matter) and turned power on but kept the volume low while I tuned to 15 MHz. Then I gradually turned the volume up and silently congratulated myself (and David Mattis) as WWV's time clicks emerged loud and clear.

This has added a whole new dimension to my shortwave listening. Unlike some other devices I have read about, this one shows five digits and there are no bobbles or flickers at all. No preselectors or other two-step operations are required. You can change bands from A to E and the readout follows instantly. If you feel comfortable with your DX-160, as I was and apparently thousands of others are, this is the way to go digital.

For those who do not have last December's FRENDX, David Mattis' address is P. O. Box 162, Morton Grove, IL 60053. The DX-160 kit sells for \$119.95; the assembled version costs \$169.95.

\*\*\*\*\*

## NEWS

### THE WORLD PRESS VIEWS SHORTWAVE BROADCASTING

by Daniel A. Robinson, 4437 Sedgwick St. NW  
Washington, DC 20016

When is the last time you saw a newspaper or magazine article on shortwave radio broadcasting? Chances are it wasn't recently, but in the pages of the foreign press, in newspapers, magazines, and especially in journals devoted to coverage of news in Africa, shortwave comes up rather frequently. During the recent to-do about the UNESCO Free Flow of Information proposal, and with all the talk about a New World Information Order, there was a lot written about shortwave broadcasting. Presented below are some recent excerpts for the interest of FRENDX readers.

WEST AFRICA Magazine/12 March 1979/"Glimpses of The Gambia" - A correspondent recently back from Banjul contributes a notebook of his impressions of a country that is often portrayed as a haven of peace and successful tourism: "Not an auspicious beginning: in the car park at Yundum Airport, an Englishman dismissed the Gambian who had carried his luggage from the terminal for him with coins and the words: "That's all I've got. Now get out!" I thought, no coins are cheap. The two Gambians I was with expressed outrage in Woloff with three others standing nearby, and as we got into the car, they went on about how he didn't have to say it like that . . . Sitting with several young men in the courtyard of a bar in Banjul, I heard a steady stream of pop music coming from a nearby radio with minimum interruption from any disc jockey. That was Radio Syd, formerly a pirate station in Europe whose Swedish woman owner had been granted full rights to operate in The Gambia. Someone said Radio Syd used to be quite good, but was not serving the taste of the tourists. He preferred listening to Radio Gambia or Senegalese radio, both of which play a good deal of local music instead of an uninterrupted stream of soft Western pop, all day and much of the night . . . We sat there drinking Julbrew Beer, advertised as "Joyful Julbrew", and produced by Banjul Breweries . . . Joyful Julbrew" . . . the idea of bread and circuses came quickly to my head, what with Radio Syd all day, cheap beer, and Johnnie Walker whisky at around 15 dalasis a bottle . . ."

WEST AFRICA Magazine/9 January 1978/"Nigeria's Radio Stations" in Letters to the Editor: "Sir: It is gratifying to read . . . that the Federal Military Government of Nigeria will assume responsibilities of financing, staffing, and developing state radio stations broadcasting on the shortwave with full operational autonomy as from 1 April 1978. Most of us studying overseas find it difficult, in fact practically impossible, to maintain contact with everyday happenings in our dear country. We have tried by purchasing the most powerful radio receivers. This is really most unfortunate because one cannot imagine why Radio Ghana, Radio Niger, Radio Yaounde, and Radio South Africa, to mention but a few, can be clearly received here, but none of Nigeria's. None of them is powerful enough to be heard or meant to be heard outside Nigeria. Even within Nigeria most radio stations enjoy hour upon hour

off the air because of "power cuts." Radio Kaduna (formerly Radio Television Kaduna) is the most effective of them all with most educative programmes. "Nomau an Talearda" knows and is known throughout Nigeria. His advice on forming methods, use of manure, flower growing techniques, etc., are accepted and used; the outcome is encouraging. Its comedy programmes like "Gundumi" and "Zama Dumiya Ifawa he" are subjects of household chatter and controversy. The use of Nigerian languages is gaining round overseas. Hence programmes like Hausa by Radio would gain more listeners. Many Hausa, Ibo, and Yoruba students would appreciate listening to the languages as spoken in Nigeria. Nigeria has a lot not only to show to the rest of the world, as in the case of the Trade Fair, but to tell them of its potentialities, culture, educational achievements, social structural functional needs, etc. The only effective way of going about this is to purchase the most powerful, and up-to-date radio transmitters so that every nook and corner of the globe can receive and listen to Nigeria.

WEST AFRICA Magazine/Matchet's Diary/"Which Wavelength"- Many link the Saria issue in the assembly with the apparently technical issue of whether Radio Kaduna, which once served the Northern Region and then served the successor states, should now become medium instead of shortwave and serve only Kaduna State and neighboring areas. This has happened to the other former regional radio stations and it was apparently decided as long ago as 1973 that no state should have a shortwave station which would put it in a privileged position compared with other states. Governors of some of the northern states affected have protested about the decision now being applied to Kaduna and this has led to some strong criticism of them elsewhere, on the ground that they are trying to retain a short of nucleus of the old Northern Region in this way. In fact, some states which will no longer be able to hear Radio Kaduna can justly complain that they will be losing some of the best programmes in the Federation. And there may be a case for keeping the station shortwave, or using it for national transmissions on the grounds of economy. But the lines which the debate is taking are thoroughly unconstructive.

JORNAL DO BRASIL/"The Global Cacophony" by Rosental Calmon Alves: "Good evening, Brazil. Radio Central of Moscow on the air." "From its studios in Washington, this is the Voice of America. Good evening, listeners." "This is the BBC in London." "Hello, Brazil. This is Radio Berlin International." "This is Radio Havana, transmitting from Cuba - the free territory of America." "Cairo here. Radio of the Arab Republic of Egypt." "Stockholm here . . . transmitting for Brazil."

These are familiar greetings to millions of listeners throughout Brazil. All the international stations are propaganda vehicles. However, the capitalist stations are relatively subtle while the Communists' insistent proselytizing makes for dull programming. Radio Central of Moscow, for example, has few of the musical or variety shows that are common on Voice of America. Soviet broadcasts are laden with statistics illustrating the triumphs of their system and attacks on other governments. Similarly Radio Peking highlights the doctrine of Mao Tse-tung and lambasts the Soviet Union, even more violently than the U.S. Moscow and Peking are fairly discreet in their comments on the Brazilian government. But Radio Havana and other Communist stations are unsparing in their criticism of Brazil's government and armed forces.

All the international stations encourage their listeners to write, but the capitalist stations seem to do better than the Communists. Not long ago Radio Berlin International read a letter from a Brazilian policeman in Joao Pessoa. The BBC apparently heard from him on the same day. The capitalist stations generally limit their propaganda to exposition of foreign policy or accounts of their countries' social advances. All this is blended with the most easily digestible programs. There is little direct criticism of Communism except for reports on violations of human rights in Communist countries and simple coverage of the declarations of dissidents. Soap operas are often broadcast. One on Radio Mederland includes includes workers on a road that will help open the interior of Brazil. The star, a Dutchman, tells stories about the old country and occasionally mentions Philips and Shell. The BBC devotes one regular program to informing Brazilian listeners about the latest advances of British industry, complete with addresses to which to write for information or to import a product.

When the Brazilian National Agency makes its nightly announcement, "In Brasilia, it is 1900 hours," several foreign stations also start their broadcasts. The BBC, among others, comes on at exactly that moment. You hear the sound of Big Ben and the announcer says, "Twentytwo hundred hours in London, 1900 in Brasilia." That is the easiest time to pick up foreign stations without interference. So while the Government broadcasts its official news, listeners can hear from international stations news that is not censored--at least by Brazilians, on whose radio and TV discussion of certain subjects is banned. The information services of the Army, the federal government, and some state governments are concerned about "The dangers of this foreign influence, especially in regions where one can barely pick up national radio stations." A year ago, to counter this peril, Radiobras was created. It plans to unify all official broadcasts and create a sixteen station network in the Amazon,

the region with the fewest commercial stations and hence the most dependent on foreign broadcasts. It also will broadcast shortwave programs to the region.

Among the best foreign broadcasts in Portuguese are those of the BBC, whose serious programs rival its celebrated presentations in English. The BBC offers news based on reports from the international press agencies and its own correspondents, as well as summaries of London newspaper articles on science, industry, agriculture, and other fields. The BBC's level of sophistication is such that it offers Brazilians information they would never hear on local stations. Recently, for example, it presented a series about Brazilian popular music, from Guarani to Bossa Nova, with rare recordings that are practically unavailable in Brazil. Some of the records were made in 1940 by Leopold Stokowski, under the direction of Hector Villa-Lobos, in a studio on a boat moored in Rio de Janeiro's harbor.

\*\*\*\*\*

# FRG-7000

VARIABLE RF GAIN FOR THE FRG-7000

by Robert L. Rankin, 920 Rockledge, Lawrence, KS 66044

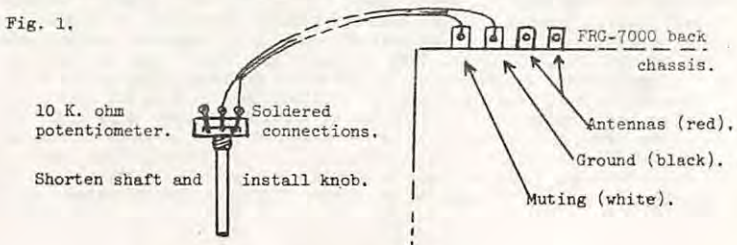
A number of FRG-7000 owners I have talked with have experienced a minor but annoying problem with strong signal overloading. In my own case the problem was particularly severe on the 49 meter band with weak but audible spurious replicas of the BBC, VOA, AFRTS, RCI, DW, etc. showing up at various points in the band and above it up as far as 6500 kHz.

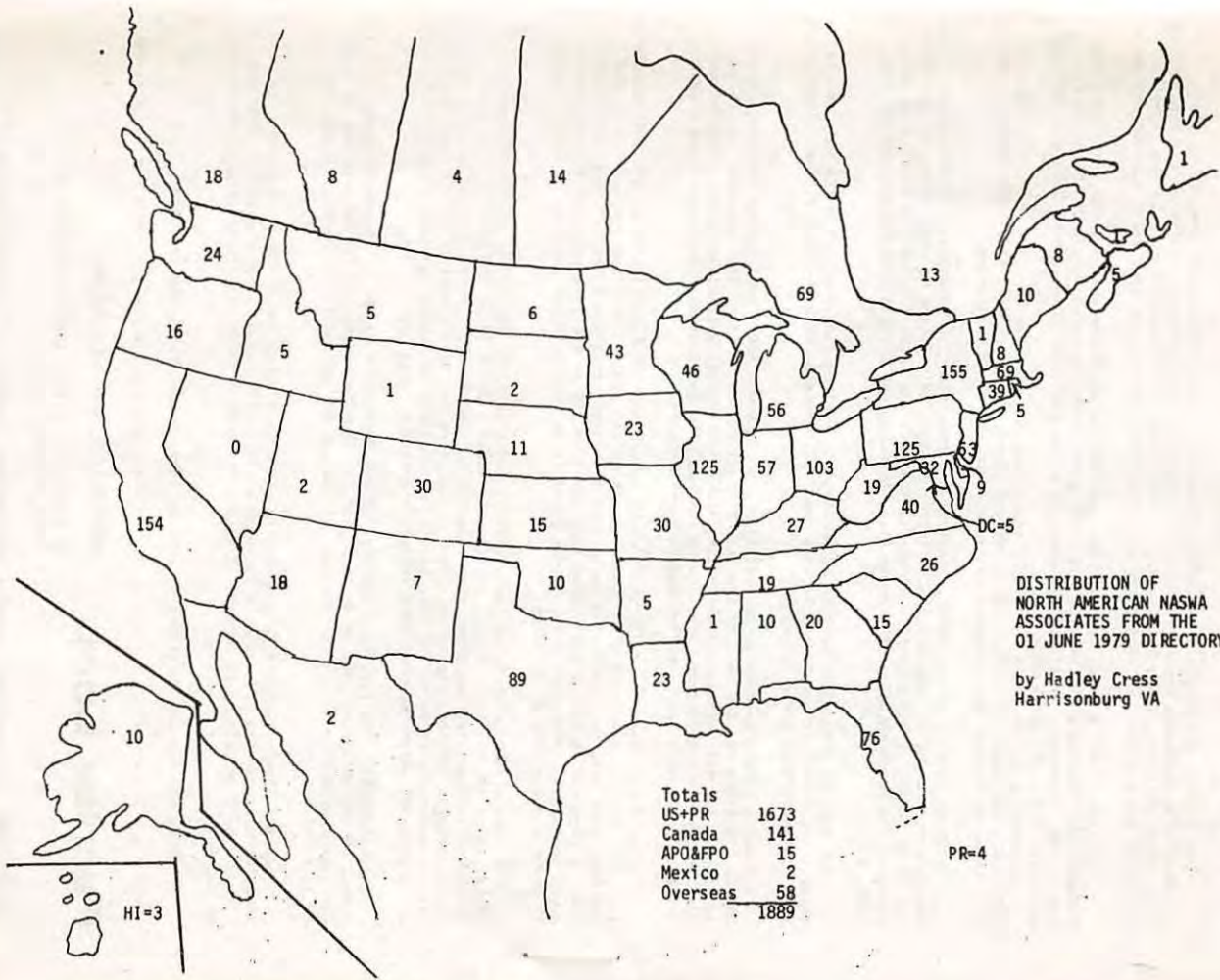
There is a push-button attenuator switch on the front panel of the 7000 which generally alleviates the problem, but it provides no variability. Sometimes it also eliminates weak signals that one wishes to hear and other times it does not sufficiently attenuate strong adjacent channel signals. Clearly, continuously variable attenuation is called for in order both to eliminate front end overload and to enhance selectivity. Numerous communications with the Yaesu corporation in California failed to provide help. At the recent ANARC convention, however, I had a chance to talk with Grant Manning of Radio West about the FRG-7000, and he made what turned out to be a very helpful suggestion: Install an outboard RF gain control by connecting a variable resistor (potentiometer) between the muting terminal and ground (i.e., ground terminal or elsewhere on the 7000 chassis).

A little experimentation showed that a 10,000 ohm (10 K $\Omega$ ) "pot" was about the right value. I connected it across the terminals on the back of the set using about a foot of small gauge two-conductor speaker wire (it does not have to carry much current) to bring the control within easy reach at the front panel. I mounted the pot to the overhang on my operating desk with a small aluminum angle bracket. The bracket could just as easily be mounted to the 7000 itself using one of the small screws that secure the cover to the chassis. This would simplify the ground connection of the pot.

The 10,000 ohm potentiometer can be purchased from Radio Shack for 99¢. Five minutes spent soldering the wires to two of the small terminals on the pot and you are in business. It is best not to connect the assembly to the muting terminal on the back of the 7000 until after all soldering has been completed. To pretty up the installation, lop off an appropriate amount of the extra long tuning shaft on the pot with a hacksaw or file, and add a plastic knob. The whole thing will look quite professional and it does the job it's intended to do.

I have not had opportunity to check the FRG-7 or other popular receivers, but if they lack variable attenuators and have a muting terminal in an accessible spot, the above design ought to work well with them, although different receivers may require slightly different resistor values. Now does someone have a good modification for fast/slow AVC?





## Budget DX

BUDGET DXING WITH THE DX-40

by Jeffrey D. O'Donnell, Co-founder of Central PA DXing Assn., RD#1, box 204, Mineral Point, PA 15942

This article was inspired by Richard Clemens' "Pits of Shortwave" article in the December 1978 Shortwave Center. You see, I too could be considered in the pits. But, through experience, patience, and a little luck, I think that I've been able to make the 'pits' an honorable place to be. No longer are we in the "pits of SW", in fact we're now "BUDGET DXERS."

I got my start in DXing several years ago when a NASWA member who lived down the street from me kept talking about hearing all these great countries like Russia and China on the radio. So, intrigued, I scraped together all of my available funds (about \$30) and sent off in search for a shortwave radio.

I bought a little Sears multi-band radio that had 2-12 MHz SW. The radio cost about \$30, and I was happy. I went on my merry way listening to the VoA, BBC, Radio Moscow, and, if I threw my 10 foot wire antenna out my bedroom window, Radio Peking.

In June, 1978, I joined NASWA. Instantly I knew there was something missing in my DXing. People were hearing Luxembourg! Chad! Italy! New Zealand! I went to work trying to get more out of my radio. I had a certain amount of success, and learned a few tricks which greatly improved the DX potential of the radio (i.e. touching two certain transmitters at the same time, etc).

But then my radio quit working on shortwave. Greatly saddened, I did the only humane thing . . . I shot it and buried it in a small plot outside of my bedroom window. Once again I had to go looking for a radio.

I had a little more to go on this time . . . a whole \$50. So I bought the Radio Shack DX-40. It lists for \$49.99. At the same time, I put up my first real antenna . . . a 50' longwire. All told, including the radio, the antenna wire, 2 insulators, and a calibrated dial to replace the existing fine-tuning control, the price of my DXing comes to a whopping 57.45. That's with tax. Another Budget DXer was born.

Since I purchased the radio in January, my C/H and V/H have climbed to 136/256 respectively. This was with just one minor modification to the radio. The fine tuning knob is for the most part useless, since when it is turned it just takes you a few kHz away and returns you. I replaced it with a calibrated knob and fixed it so the fine and main tuning knobs moved in tandem. With some work, it was possible to calibrate the receiver to about 10 kHz. This was a super help in my DXing.

Of course, the selectivity, sensitivity, audio quality, etc. lacks when compared to bigger, more expensive receivers, but for the money I don't think the DX-40 can be beat. I recommend it highly to new DXers just starting out and to older DXers who are looking for an inexpensive portable second receiver. Because of Ken Duke's article in the July SWC, I feel it necessary to point out that boating enthusiasts will want to steer clear of this one as it does not weigh anywhere near enough to anchor a large boat.

Incidentally, the frequency coverage on the DX-40 is 4-21 MHz on shortwave along with the normal AM and FM bands. The AM is very poor, as many SW images are thrown into the AM band for some reason or other. (for example: I can get WWV on 1610) On the other hand, the FM is excellent.

So, Mr. Clemens, here's to you, and to all of you other budget DXers of NASWA. Let's show 'em that you can have as much fun with a \$30 to \$50 radio as you can with a \$900 one. (Of course, I am willing to compare if anyone has a \$900 radio they're willing to donate to my cause.)

Anyone who has any questions on ways to supe up the DX-40, please write.

## Ferrite Loop

RADIO WEST FERRITE LOOP ANTENNA

by Stephen E. Pitts, 1987 Mockingbird Dr. S.  
Salem, Oregon 97302

**DESCRIPTION:** The Radio West Ferrite Loop antenna consists of three ferrite rods  $\frac{1}{2}$ " in diameter and 15" in length (22" in length for the 'DXers Special' model) taped together with plastic tape. The antenna and 2 FET preamplifier are mounted on a wooden base which allows

the entire assembly to rotate and tilt. The preamp is powered by a 9 volt battery. The preamp contains an on/off switch, a hi/lo frequency range switch, and a tuning control. Coils covering longwave (150-540 kHz), mediumwave (540-1700 kHz), and shortwave tropical bands (1700-5000 kHz) are available. The appropriate coil is slipped over the ferrite rod antenna assembly and is connected to the preamp with three wires. A coax cable connects to the receiver. Cost is \$100.00 for the 15" model and \$115.00 for the 22" model. Coils are \$8.00 for the SW, \$9.00 for the MW, and \$10.00 for the LW (March 1979 prices). The antenna is available from Radio West, 3417 Purer Road, Escondido, CA 92025.

**PERFORMANCE:** My loop has been in use for three months (April-June) at the tail end of the tropical band DX season. I used the antenna with a FRG-7 modified with a 3 kHz filter by Gilfer and a GAR-7 frequency readout unit. Goals involved southern hemisphere tropical band stations, particularly Papua/New Guinea and Indonesian stations. The antenna performed extremely well. All of the PNG 120 metre stations were logged and all but one of the 90 metre stations. Numerous Indonesian stations were also heard. The antenna clearly is superior to the 75' long wire I previously used. The nulling feature of a loop that rotates and tilts was very helpful. I live in a high electrical noise area that is especially bothersome below 3.5 MHz. With the loop I found that the noise was coming from one direction and could be completely eliminated. The loop produces a very sharp null on local and groundwave signals and a much broader null on skywave signals.

With the GAR-7, I was able to pre-tune to a frequency and simply wait. All of the PNG stations were logged in this manner at local sunrise.

60 metre DXing has also been significantly better with the loop. Indonesian stations including 500 watt RRI Fak Fak were routinely heard.

**COMPARISONS:** As previously noted, the loop easily outperforms a random length long wire. Unfortunately, I do not have room for a 60 or 90 metre dipole as it would be more helpful to make direct comparisons with antennas designed for tropical band use. The point must be made however, that few DXers have room for such antennas and the loop is ideal for someone with limited outdoor space. The ability to null local interference without significantly nulling skywave signals would perhaps make this antenna superior to many outdoor systems.

**SUMMARY:** I have been extremely pleased with the Radio West loop antenna. I found it to be a sensitive device for tropical band DXing and easily superior to any longwire systems I have previously used. Although rather expensive, the antenna has been a good investment for me and I would recommend it as a very useful device for tropical band DXing.

\*\*\*\*\*

## Headphones

A REVIEW OF THE YAESU YH-55 HEADPHONES

by Bob Martin, Rt. 2, Box 31C, Franklinton, LA 70438

Many DXers and SWLs alike purchase without really considering what they are getting. Many think only of comfort, others theorize that "the higher the price, the better the product" This, however, is not always the case.

Recently I purchased a pair of Yaesu YH-55 headphones for use with my FRG-7. I have used many other types of phones, some more expensive, some less expensive. Personally, I place headphones as the third most important piece of equipment in the shack, behind the antenna, and the receiver. I have used phones costing nearly three times the price of the YH-55, yet I have yet to find a pair of phones which I enjoy as much. I find the YH-55 phones excellent in all manners. Sound quality is great - not too much bass, not too much treble. Comfort? - couldn't be better. I can wear them for hours without fatigue or discomfort. Before I got my YH-55s, I used phones only when necessary - in the middle of the night or when trying for a DX catch. Now, though, I wear phones whenever I'm at the receiver because the sound is greatly improved and they are comfortable. What else could I ask for? I find the frequency response quite narrow, just right for DXing.

Overall, the YH-55s are an excellent pair of headphones and the price is great too - only \$16.00 through either Gilfer or Radio West. I urge all Yaesu owners to at least try the YH-55s. They are made to match the impedance of both the FRG-7 and 7000.

# Antenna

## TWO UNIQUE SPACE SAVING ANTENNAS

by M. Kelly McNair, 3994 Lakeside Dr. Odessa, TX 79762

As a college student who lives in a dorm, I have encountered a major problem for the shortwave listener -- lack of space for antennas. Limited to only the area outside the window and inside the room itself, I have had to rule out the "traditional" antennas. So experimentation seemed in order and the purpose of this article is to relate the results of my efforts to others with space problems.

If you have access to a TV Cable outlet you are in luck! That the TV Cable can be used as a shortwave antenna might surprise you. Since the TV Cable is meant to be used with televisions, one might have to modify it for use with a shortwave receiver. The main point is to match the impedance between the cable and the receiver. Most TV Cables have an impedance of 75 ohms and if the receiver has a "low" input impedance, one can connect the receiver directly to the cable. If the receiver has a "high" input impedance (200 ohms or more) a transformer is needed. This is the little sealed box that comes with most TV Cable outlets (see figure 1). Basically treat the receiver as a television and make the connection required. Any parts one might need like extension cables, connectors, or transformers can be found at Radio Shack stores or other electronic supply stores. One note of caution is that you should use the TV Cable only from an outlet that you are paying for use of for either a TV or stereo radio. Do not use two receivers or a TV and a receiver off the cable at the same time. I have found the TV cable to be a fair to good shortwave antenna and also a very good mediumwave antenna. Try it!

The other antenna I want to write about is the "Slinky." We have all seen ads for readymade Slinky antennas, but they are quite expensive where a real Slinky costs around \$1.50. All one needs to do is buy a couple Slinky toys at a department store and experiment. I have used both indoor and outdoor installations and have had good luck with both. Hang one up above your listening post from the ceiling or outside along a wall or eave. Connect the lead in wire at the end, middle, or elsewhere (see figure 2). You might also experiment with a tuner, preselector, or even try changing the length of the Slinky. One point to remember is to support the Slinky in the middle to keep it from sagging.

These are two ideas that I have experimented with and received good results. If you too are cramped for space, don't let these pass you by. Experiment with different antennas and see what you can come up with.

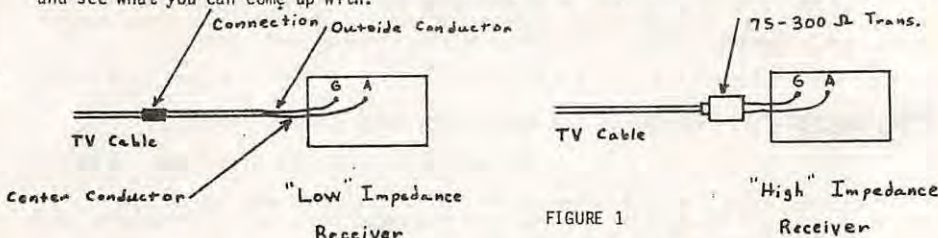


FIGURE 1

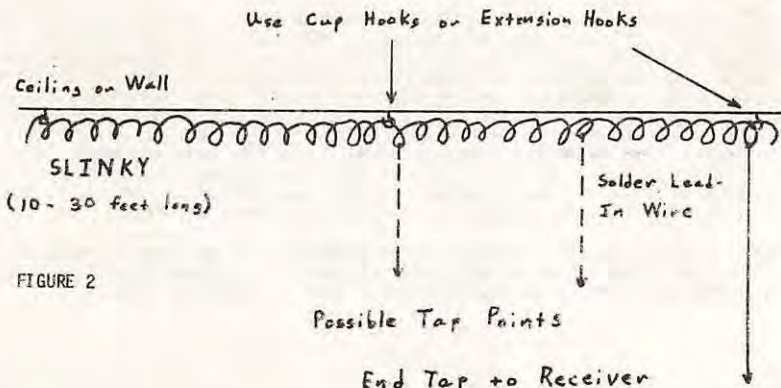


FIGURE 2

# PROPAGATION

David Snyder, President of BDXC  
1137 E. 12th St.  
Brooklyn, N.Y. 11230

## PROPAGATION OUTLOOK FOR SEPTEMBER 1979

Solar Flux Index : Average - 144.8      Low - 122.9      High - 166.6

Rare or Enhanced Openings for North American Reception of :

| MHZ | S. America             | Asia   | Oceania                | Africa                                       | North America                       |
|-----|------------------------|--|------------------------|--|-------------------------------------|
| 3   | 0100-0300<br>0700-1000 |  | 0800-0900<br>1200-1300 | 2200-0800                                    | 0100-0400<br>0200-0300<br>1100-1200 |
| 4   | 0100-0500<br>0900-1000 | 1000-1300<br>2200-0200                           | 1100-1200              | 0300-0700, 1000-1200<br>2200-2300            | 0200-0400                           |
| 5   | 0300-0400<br>1000-1200 | 2200-2300  |                        | 0700-0800, 2100-2300                         |                                     |
| 6   |                        | 0400-0500  |                        | 0200-0700                                    |                                     |
| 7   |                        | 1100-1200  |                        | 0600-0800                                    |                                     |
| 9   | 0300-0400              | 0000-0100<br>0300-0400<br>1100-1300<br>2200-2300 |                        | 0600-0700                                    |                                     |
| 11  |                        | 0100-0300<br>0500-0800<br>1000-1200<br>1800-2300 | 0700-0900              | 0100-0200, 0700-0800<br>1000-1100, 1300-1400 |                                     |
| 15  | 0100-0300<br>2200-2300 | 1200-1300<br>2100-0500                           | 0600-0700              | 0400-0500, 1100-1400<br>1800-1900, 2100-2300 |                                     |
| 17  |                        | 0400-0500  |                        |  |                                     |

### Past Indices - Date, Solar Flux, A Index

|      |     |    |      |     |    |      |     |    |      |     |    |      |     |    |      |     |    |
|------|-----|----|------|-----|----|------|-----|----|------|-----|----|------|-----|----|------|-----|----|
| 6/1  | 184 | 3  | 6/2  | 205 | 4  | 6/3  | 220 | 2  | 6/4  | 234 | 6  | 6/5  | 224 | 3  | 6/6  | 229 | 21 |
| 6/7  | 231 | 23 | 6/8  | 236 | 15 | 6/9  | 245 | 16 | 6/10 | 233 | 14 | 6/11 | 221 | 9  | 6/12 | 201 | 8  |
| 6/13 | 195 | 6  | 6/14 | 177 | 7  | 6/15 | 171 | 11 | 6/16 | 161 | 16 | 6/17 | 144 | 11 | 6/18 | 147 | 4  |
| 6/19 | 142 | 5  | 6/20 | 145 | 6  | 6/21 | 143 | 14 | 6/22 | 137 | 21 | 6/23 | 135 | 21 | 6/25 | 143 | 8  |
| 6/26 | 149 | 13 | 6/27 | 153 | 7  | 6/28 | 154 | 3  | 6/29 | 161 | 4  | 6/30 | 173 | 11 |      |     |    |

Average Flux : 181 Average A Index : 13.03

|      |     |    |      |     |    |      |     |    |      |     |    |      |     |    |      |     |    |
|------|-----|----|------|-----|----|------|-----|----|------|-----|----|------|-----|----|------|-----|----|
| 7/1  | 180 | 8  | 7/2  | 206 | 2  | 7/3  | 207 | 15 | 7/4  | 211 | 9  | 7/5  | 198 | 8  | 7/6  | 210 | 19 |
| 7/7  | 201 | 24 | 7/8  | 200 | 12 | 7/9  | 193 | 5  | 7/10 | 180 | 6  | 7/11 | 181 | 4  | 7/12 | 164 | 7  |
| 7/13 | 156 | 14 | 7/14 | 153 | 12 | 7/15 | 164 | 9  | 7/16 | 139 | 11 | 7/17 | 138 | 14 | 7/18 | 139 | 13 |
| 7/19 | 139 | 14 | 7/20 | 142 | 17 | 7/21 | 142 | 10 | 7/22 | 151 | 6  | 7/23 | 161 | 6  | 7/24 | 164 | 4  |
| 7/25 | 157 | 2  | 7/26 | 161 | 13 | 7/27 | 157 | 21 | 7/28 | 153 | 10 | 7/29 | 153 | 23 |      |     |    |

Next month there will be a beginning article in a series of articles on Radio Wave Propagation, a laymens explanation.

For those Central and Western NASWA members who have sent for "How To Pick A Band" for \$1.00 please be patient. Unfortunately these files were archived and had to be retrieved. You will receive your charts about the time you read this. If you have not received it by then, drop me a line, I will send you another one. If you want a chart for your part of the country plus a small article explaining its use just send \$1.00 to me at the address above.

As always all questions are welcomed,

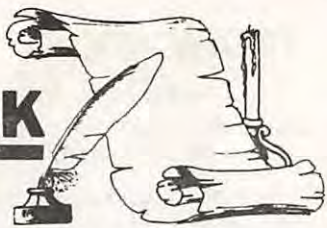
73's and Good DXing.

David Snyder.

\*\*\*\*\*

THANKS TO ALL OUR CONTRIBUTORS THIS MONTH. We appreciate all the material we have received. This is your section of FRENEX, to contribute and share your knowledge and experiences with others. 73s till next time. JAL

# Listeners NOTEBOOK



**GLENN HAUSER**  
**University Radio WUOT**  
**Knoxville, TN 37916**

**PROPER CREDIT:** Other publications and broadcasters may use material from LN provided due credit is 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 publications. BBC Monitoring Service items are copyright and may not be further reproduced without BBCMS permission. All times, days and dates are day/month GMT, u.o.s. All contributions to LN are gratefully received! Please enclose an SASE/SAP if you want a personal reply. Please do not ask me for advice on receivers (gh)

**ENGLISH SCHEDULES** **NOTE:** "S79" means the broadcasting season from the first Sunday in September to the first Sunday in November. Observations made prior to this may be out of date by S79. For an up-to-date quick-reference list by country of broadcasts in English audible in North America, see the September REVIEW OF INTERNATIONAL BROADCASTING (details under PUBLICATIONS, LN-13)

**VIETNAM** VOV hrd daily on 15105 for an hour in EG at 2030 (Björn Grell, GDR, SCDX 14/8) VOV slow-speed EG at 0200 on 10010 currently unhrd; channel closes at 0200 after Cantonese. 9840 could not be checked (Isao Ugusa, DX Front Line 2/8) **USSR LN-14**

**VATICAN** VR on new 14830 ex-11745 in EG at 2210-2225 to As, good as of 11/8 (Padula, Vic.)

**U S A WYFR S79:** Sun-only 1230-1551 21525-F 17785-F. Rest are daily: 1700-1800 21615-F 17870-F 17845-F 15440. 1800-1900 21615 21525 17875-F 17845-F 15440. 1900-2100 21615-F 21525 17845-F. 2100-2300 17845-F 11855-F. F = Florida site; others are Massachusetts. However, due to the continuing move to Florida some sites and freqs may change (WYFR) Oops, one more: 0100-0500 on 9715

**AFRIS S79**, per VOA sked and thus times are approximate, shows them on an extra hour earlier, from 0900; some new freqs on 31m; and 11m reactivated: 6030 GR-50 0900-1100 & 0200-0700. 9575 BY-175 0900-1100. 9585 GR-50 0900-1100. 9700 DL-50 0900-1600. 9755 BY-175 0100-0700. 11790 GR-50 1800-0200; BY-175 0000-0700. 11805 DL-50 0830-1800. 11835 PHL-35 1900-0100. 15330 BY 175+175 1100-1600; BY-175 1600-0100; DL-50 0400-0700. 15425 GR-50 1400-1600. 15430 GR-50 1045-1400; GR-50 + BY-175 1600-1800; BY-175 1800-2400. 17765 DL-50 1600-2200 & 0300-0700. 21570 DL-50 1800-0430. 21670 PHL-35 0100-1900. 25620 DL-50 2200-0300 (gh)

**VOA-Dixon** is now a thing of the past, no longer appearing on the sked and presumably closed down as planned. Some of its former freqs are taken by Philippines or other sites. Hearing VOA in the 1100-1500 period on 5955 and 9730 is no longer possible from Dixon (gh)

**U K O G B A N I** For S79 no major changes are shown for BBC WS to NAM, except that Antigua-11775 is again continuous 1100-1330, meaning improved reception for the 1130-1300 programs. The former silent period was necessitated only by costs. (gh)

**UGANDA** R. Uganda is active at least on Sats 1830-1900 on 15250, noted 4/8 (gh)

**TAIWAN** Voice of Asia, Kaohsiung, external service to Philippines & Indonesia on 5980 and 621 kHz, EG now sked 1030-1200 (Sunday 1030-1040 only) (BBC MS 7/79)

**SWITZERLAND** SRI+ S79: 0700-0730 & 0900-0930 21695 21520 15305 9560. 1100-1130 21630 21520 17795 15430. 1315-1345 21570 21545=SSB 21520 17850 17735 15305. 1530-1600 21570 17830 and 15125. 1815-1845 21585 17830 17730 15125. 0145-0215 15305 15130=SSB 11715 9725 6135. 0430-0500 15305=SSB 11715 9725. Also on omnis 3985 6165 9535 at 07, 11, 1315, 1530, 1815 (SRI)

**SWEDEN** R. Sweden S79: 1100-1130 21690 9630. 1230-1300 21690 15240. 1400-1430 21700 21615. 1600-1630 15240 6065. 1830-1900 15240 6065. 2100-2130 15240 11905. 2300-2330 15275 11705 1179. 0030-0100 11905. 0230-0300 11705 9695 (STA) **SOLOMON IS LN-3 31/7)**

**SPAIN** SFR has dropped 9585 to Eu 2030-2230, but 11840 continues (Douglas Doull, NZ, SCDX /

**PHILIPPINES** R. Pilipinas, Voice of the Philippines, was to resume its overseas service in EG 15/8, with a new 100 kw xmt, and a new antenna beam on San Francisco. The schedule: 0657-0955 32° (Osaka-Sitka-Prince George-Great Falls-Wichita-New Orleans-Pinar del Rio). 0957-1155 212° (Indonesia/Malaysia). 1157-1355 272° (SEAs). 1357-1655 (Sun 1555) 46° (San Francisco-Mogales-Torreón-Central America-Cali). 1657-1855 (not Sun) 324° (Moscow/Northern Europe) all on 9580 and 11950 (via Bob Miller, Sacramento CA)

**FEBC** has been observed on new 15305 in EG at 0130, // 17810 21515 (Robert Chester, Cheltenham SA, R. Australia Japanese "DX Time" 5/8)

- R. Veritas Asia revised sked for July & August--perhaps carried over to some extent into 579: 1300-1330 15215 11955 9590. 0030-0100 17790 15280 15135. 0300-0330 17790 15320 15280 1130-1200 15215 11805 9590 (via Frank F. Orcutt, Alameda CA) Latest monitored sked: 1300-1330 same. 0030-0100 17790 15320 15135. 0300-0330 15215 11735 9570. 1130-1200 same as above (Hayashi & Aoki, JADK & NDXC, via ADXN August) NORWAY LN-3
- NEW ZEALAND RNZ may make no changes for 579 compared to J79, but this is the tentative sked to begin 27/10 (a week before D79 officially begins, to coincide with date DST begins in NZ) Pac 1700-0530 15345. 1700-0730 17860. 0530-0930 6105. Au 0730-1130 11945. 0930-1130 6105. (Arthur Cushman, NZ, R. Nederland DX Juke Box 2/8)
- NETHERLANDS R. Nederland 579 (B=Bonaire; M=Madagascar): 0700-0720 Waf/Eu 17695 15235 11720 5955. 0730-0825 NZ/Au B-9770 B-9715. 0830-0925 NZ/Au B-9715. 0930-1020 Eu 11930 9895 7240 6045 5955. 1330-1420 Eu 11930 9895 6045 6020 5955. 1430-1525 S&EAs M-21480 M-17855. 1830-1920 C&E&SAF 17605 M-11730 M-6020. 2030-2130 C&WAF B-21640 17605 B-17695 M-15220 M-11730. 0230-0325 ENAm B-9590 B-6165. 0530-0625 WNAm B-9715 B-6165 (RN 24/7)
- MONACO TWR Monte Carlo noted on new 9500 mixed with USSR, closing EG 0754\* 14/8, presumably for entire xmsn from 0625 (gh) \*0625 on 9610 25/7 (John Garner, RCI DX Digest 29/7)
- LEBANON Beirut noted varying 15275 to 15285 from night to night at 0230 (Bill Butuk, " " ")
- KOREA SOUTH R. Korea has expanded some of its EG xmsns to 45 minutes. As usual, there is a lot of conflicting info (gh) On 16/7 changes took effect. Monitored sked includes EG: 0200-0315 /sic/ 15350. 0400-0445 15570 11820 9755 9640. 0730-0800 15570 11810 9640. 1000-1030 11725 9580 9525. 1245-1330 15570 12090 7550. 1600-1630 11830 9720. 1600-1615 9870 6480. 1800-1845 15255 11830. 2000-2030 15570 11525 9870 7550 /no 2300 xmsn given/. Sites and powers: Suwon 250 kW: 15570 15350 11820 11725 9870 9755 9720 7550; 50 kW 7275 6015. 10 kW: 6735. Kimjae 100 kW: 15570 15385 15255 12090 11830 11810 11525 9640 9580 9525 7550 6480 (Yoshiaki Hayashi, JADK; Shigenori Aoki, NDXC, via ADXN August)
- Announced sked: 0215-0300 LAm 15350. 0400-0445 Nam 11820 9755, GS 15570 9640. 0730-0800 Eu 15570 15350, GS 11810 9640. 1000-1030 LAm 11725 9580, SEAs 9525. 1245-1330 Eu 15570 12090, SEAs 7550. 1600-1630 Nam 11830 9720, ME 9870 6480. 1800-1845 Nam 11830, LAm 15255. 2000-2030 Eu 15570 9870 7550, Af 11525. 2300-2330 Nam 15570 11820, Eu 7550, GS 15385. The 30-min pgm times are announced at the end of 30-min pgms, and the 45s on the 45s, only (Joel Rubin, CA, and Wilder Pickard, IL, copied independently and matching in every detail)
- JORDAN BSHKJ DS in EG is on SW at 1500-1730 on 9560 (BBCMS 6/79) Sometimes heard in North America, especially in the winter (gh) IRAQ LN-4
- ISRAEL (Cf Aug LN-2) Kol Israel final 579 sked is same except 11985, not 12085 at 2230 (gh)
- INDIA AIR GOS on new 11755 to Eu 2215-2230\*, don't know what it replaces (Bob Padula, 12/8)
- HONDURAS HRVC QSL lists EG sked on 4820, AM & FM, as 0300-0500 (Mike Barraclough, July WDXC)
- FINLAND FIR 579 retimes EG to Nam from 2330 to 0330-0400, on 9675. 1300-1330 & 1430-1500 remain on 15400, but 1430-1500's other freq is 21475 ex-17785 (Patrick Humphreys, FIR)
- EGYPT R. Cairo: 1215-1330 SEAs 17920. 2215-2345 Eu 9805. 0200-0330 Nam 12050 9475. And to Af, as "Voice of Africa", 1630-1830 E&C&S 15255 not confirmed; 2030-2200 WAF 15375 not confirmed (BBC MS 7/79)
- COSTA RICA TIFC EG sked on 5055 and 9645 is 0200-0305 Tue-Sun; Sun 1840-2055; Mon 0135-0305 (Jack Findlater, CA, July SPEEDK via August REVIEW OF INTERNATIONAL BROADCASTING) CHINA LN-14
- CANADA RCI 579: 0615-0630 & 0645-0700 Mon-Fri: Eu 11825 9655 6140, Af 11960 9590. 1545-1600 & 1645-1700 21695 17820 15325. 1800-1830 Af 17820 15260. 1900-1930 Af 17820 15260, Eu 21695 17750 15325. 2000-2030 Eu 21695 17820 17750 15325. 2100-2300 Mon-Fri 17820 15325. 2200-2400 Mon-Fri Nam 9755 5960 (from 28/10 2300-0100). Nam: 0000-0030 9755 5960. 0100-0130 17820 9615 5960. 0200-0230 11940 9615 5960. 0300-0330 11940 11845 9560 9535 5960. 0400-0430 11845 9560-until 28/10 9535 5960. (via Ian McFarland) more CAMBODIA LN-15
- CAMBODIA Voice of the Kampuchean People inaugurated ES 20/7, to SEAs, in EG 0000-0015 & 1200-1215 on 11938 9695 (BBC MS 7/79) 9694 poor here at 1200 (gh) Not bad here (Rolf Gunnar, CO)
- ALBANIA (Cf Aug LN-1) R. Tirana 1730-1800 to Af has been found on 15435v (BBC MS 26/7)
- OTHER SCHEDULES ZAMBIA The R. Zambia ES has been reactivated on 11880, 1555-2105 (Sundays also 0600-0712), but the announced Sun 1055-1215 xmsn is not heard (Richard Gineby, Vanderbijlpark, Tvl, RSA, R. Nederland DX Jukebox 9/8)
- VIETNAM Regional stns in Bac Thai and Cao Bang appear to share same xmtr, both on 6910v: Cao Bang at 0200-0330 & 1330-1430, Bac Thai at 0330-0530 & 1100-1330 (BBC MS 19/7) There's no xmsn at 1100-1130, but at 1025-1100 in Vietnamese from Bac Thai; other Bac Thai observed at 1200-1300 in Viet dialect, and 1300-1330 in Viet. Cao Bang obs at 1130-1200 in Meo-Dao and 1330-1430 in Viet, all on 6920v (Isao Uguza & Shigeyuki Komai, DX Front Line 2/8) Hoang Lien Son obs on 5604: 1200-1315 (Sun & Thu 1345). Lang Son 5798 last hrd on 1/7; Phu Khanh 5140, untraced since 5/7 (Isao Uguza, DXFL 2/8)
- USA VOA has a special pgm to Africa Mon-Fri at 0750-0815 (Richard Clark, Dom. Rep., RIB)

Noted 14/8 opening at 0745 saying xmsn'd be extended 15 min thru Wednesday for French coverage of Touré's visit to USA. Introducing cuts with lengths, some in English and designated for SLBS. It's a program not on the skeds, intended for rebroadcast by African stations. This fq sked was announced: Eaf 17715 15430 7175. Saf 15430. Waf 15195 11820 11920 9530 7175 6180. Caf 17715 9750. Langs Hausa, French, English, perhaps others. Hrd on 11820, one fq not appearing on VOA S79 sked for this service: 6180 MVA-50 WAF, 7175 MVA-250 Af, 9530 GR-250 Af, 9540 GR-50 Af (not clear whether this may be UN Radio instead), 9750 MVA-250 Af, 11920 MUN-100 Af, 15195 TAN-100 Af, 15430 MVA-250 Af, 17715 MVA-250 Af (gh)

THAILAND R. Thailand on 6070 //4830 now to 1630\* ex-1600\* (Victor Goonetilleke, DXJB 26/7)

TAIWAN Non-EG sked of Voice of Asia, Kaohsiung, 5980 and 621 kHz: Sundays: 1040 Std Ch, 1200 Indo, 1210 Std Ch, 1500 Thai, 1510 Std Ch, 1600 Indo, 1610 Std Ch, 1750 Indo, 1800 Thai, 1810-1900 Std Ch. Other days: 1200 Indo, 1300 Std Ch, 1500 Thai, 1600 Indo, 1700 Std Ch, 1730 Indo, 1800-1900 Thai (BEC MS 7/79)

SWITZERLAND LN-14

SWEDEN Sweriges Radio SSB (5A3J) xmsns of Program I from Varberg for S79: 0630-0800 21550 80° SAs/Au. 0800-0930 Sat & Sun only 21555 110° ME/SAs. 0930-1200 21555 ME/SAs 110°. 1200-1600 21555 170° ME/Af. 1600-1800 21490 170° Af. 1800-2000 21700 250° Afr/LAm. 2000-2130 15190 250° Af/LAm (STA)

SOLOMON ISLANDS SIBC "Radio Hapi Isles" in EG & Pijin: 5020 1830-1130. 9545 2100-0700, Saturday s/on may not be until 2130 (GMT Fri) (via Charles George, TX)

PORTUGAL RDP obs with DS Pgm I on 13875 RC DSB apx 0630-1930 (BEC MS 9/8) 13875.15 (WRC 6/8)

PERU WRTH stn 158) R. Tarma, now has a 400-watt SW outlet on 4770, 1100-0500 (WRTHLA News) R. Pampas obs on 4855 from Pampas, Huancavelica Dept., OBX5C, 1100-0300 per amnts (BECMS 19/7) 4854.4 and s/off varies 0400/0425; at Pampas-Tayacaja (BECMS 2/8) R. Esmeralda, 5300, s/on 1000; s/off 0300; unknown if split sked (Tony Jones, Asunción, Paraguay, 30/7) more LN-14

NORWAY Another country joins the SSB-test crowd. For S79 R. Norway is trying it: 0500-0630 & 0700-0830 EEU/ME on 21610. 1100-1230 SEU/WAF 21610. 1500-1630 SEU/WAF 21615. 1700-1830 SEU/Mediterranean 21615. 1900-2030 & 2100-2230 N/CAM 15125 (SCDX 8/8) I have 21610 listed also at times you give 21615 (Tom Blossom, OH) Is registered with ITU for 25730 1100-1230 100 kW to India/SEAs (THFBS via Bob Padula, ADXN) An 11-meter pioneer returns; this not SSB

MOROCCO RTM DS in AR on Tangier SW xmtrs; during winter time all pgms one hour later /but what about xmsn times -gh/ on Network A: 1000- 15360 15335. 1100- 21735 15360 15335. 1700- 21735 15335 9540. 1900- 21735 15155 9540. 2100- 21735 15155 6095. 0000- 21735 15155 (BECMS 7/79) It is not clear from BECMS format when each frequency group ends, or indeed whether they actually start at the times shown (gh)

MONTERRAT DW relay, 50 kW is operating as follows with 0/180° antenna: 2130-0105 11785 PT+SP SAm. 0130-0150 9545 EG NAm. 0230-0350 11705 SP Carib. 0400-0520 11785 GM Carib. 0530-0550 11785 EG WNA. 0600-0950 11705 GM LAm. 1000-1120 11705 SP LAm. 1200-1220 11705 GM LAm 1300-1320 11705 GM NAm/LAm (Roger Legge, McLean VA, 8/8)

LIBYA V. of the Arab Homeland ES in AR and DS in AR of the SPLAJBC are now at 0800-1700 & 1700-2200 contrarespectively on 15105 15100 11700 9500 (BECMS 2/8) Note the unusual usage of two channels 5 kHz apart, confirmed here (gh)

LEBANON R. Lebanon ES to SAm now on 17750 ex-17715, 2300-0100 in PT, AR, SP. (BECMS 19/7)

LAOS DS regional centres skeds: Houa Phan 6187 4656 at 2300-0100, 0330-0530, 1000-1200, 1300-1430. Luang Prabang 6997 (announced 7000) 2300-0200, 0400-0600, 0930-1430 including Vientiane relay 0400-0600 and 1130-1430. Pakse 6600 2300-0200, 0400-0600, 1000-1400, including Vientiane relays 0000-0030, 0400-0430, 0530-0600, 1200-1230. Savannakhet 7385 2230-0100, 0430-0530, 1100-1400, relaying Vientiane at 0000-0030, 0430-0500, 1100-1130, 1200-1230. Udomsai 6876 (announced 6900) 2300-0130, 1100-1400, relaying Vientiane 0000-0030, 0430-0500, 1200-1230. Kiang Khouang 6675 4757 2300-0100 (Sun 0130), 0400-0600, 1000-1400. Relay Vientiane 0400-0500, 1200-1300 (BEC MS 7/79) Vientiane 6130 noted 1200-1600\* ex-1530\* (Victor Goonetilleke, Sri Lanka, R. Nederland DX Jukebox 26/7)

KUWAIT Obs since 18/7 show R. Kuwait introduced ES in AR for Bu, daily 0815-1300 on 21685--freq formerly used for RK general DS. Mostly entertainment/cultural pgms and relay DS nx at 1000-1015. At 1300, 21685 joins the DS. R. Kuwait GS in AR obs: 0815-1300 21605 17775 and 11990. 1300-1510 21685 21605 11990 11825. 1600-1910 15125 11990 11690-to-1800 9840. 1910-2110 7120 6055. No SW obs so far at 0225-0815, 1510-1600 and 2110-2210. All these obs made before beginning of Ramadan (BECMS 26/7)

KOREA SOUTH R. Korea non-EG monitored sked reflecting 16/7 changes: 0100-0330 JP 9640 7275. 0130-0200 SP 15350. 0300-0330 Indo 15570. 0330-0400 KO 15570 11820 9755. 0330-0400 CH 9640 7275. 0600-0830 JP 7275. 0700-0730 KO & 0800-0830 FR 15570 11810 9640. 0830-0900 SP 15570. 0830-0900 CH 11810 9640 7275. 0900-0930 RS 9640 7275. 0930-1000 KO 11725 9580 9525. 0930-1000 IN 9640 7275. 0930-1130 KO 15570. 1030-1100 SP 11725 9580 9525. 1030-1100 CH 7275 6165. 1100-1130 IN 9525. 1100-1330 JP 7275 6165 6135 6035. 1130-1215 AR 15570. 1330-1400 SP 15570 12090. 1330-1400 KO 7550. 1330-1400 KO 7275 6165 6135 6015. 1400-1430 15570 12090 7550. 1400-1430 IN 7275 6165. 1430-1500 RS 15570 12090. 1430-1500 CH 7550. 1430-1530 CH

as "Voice of Free Asia" 7275 6165. 1530-1600 KO 11830 9720. 1615-1700 AR 9870 6480. 1700-1900 KO 9870 7550 6480. 1730-1800 KO & 1845-1915 SP 15255 11830. 1900-1930 FR 9870 6480. 2030-2100 FR & 2100-2130 KO 15570 11525 9870 7550. 2130-2200 SP 15570 9870 7550. 2130-2215 AR 11525. 2130-2400 JP 7275. 2200-2230 RS 15570 15385 11820 7550. 2330-2400 FR 15570 11820. 2330-2400 CH 15385. 2330-2400 SP 7550. 0000-0030 KO 15570 15385 11820. 0030-0100 IN 15385 (Yoshiaki Hayashi, JADX & Shigenori Aoki, NDXC, via ADXN August) KOREA NORTH LN-14

KASHMIR AZAD AKR noted on 6020 ex-3860 with HS 1400-1800 (Victor Goonatileke, DXJB 26/7)

JORDAN BSHKJ DS in AR on SW: 0330-0730 11920 7155. 0730-0930 11920. 0930-1400 11920 9530. 1400-1500 11920. 1500-1900 9530. 1900-2330 9530 7155 (BBCMS 6/79)

ISRAEL Kol Israel Hebrew Home Service "Reshet Bet" on SW, tentative S79; high-powered xmtrs underlined. 0400(Sat 0500)-0610 NAM/WEU 12085/this one probably changed -gh/. ENAM/WEU 15615 17630; Eu 11620. 0615-1200 WEU 15615 17630 25605, Eu 11620. 1200-1355 WEU/ENAM 17630 25605, WEU 15615, Eu 11620. 1400-1605 WEU/ENAM 17630, Eu 11620. 1605-1800 WEU/ENAM 17630. 1800-1955 WEU/ENAM 15615 17630 + (from 1815) 21600; Eu 11625. 2000-2300 WEU/ENAM 11643 and 15615 17630; E&C&SAF 21600. 2300-2310 NAM/WEU 9815 11655 11985 15300; ENAM/WEU 11643 15615 17630 17815; Eu 15105; E&C&SAF+SSAM 17685 21600 (ORTI). Spanish 0440-0450 11655 N/C/NSAM; 9435 11800 SCSAM; 17815 15105 11655 Eu/NAM (ORTI)

IRAQ R. Baghdad ES: 0300-0400 EG Ams 11925. 0730-1030 Persian N&ME 11725 9572 3240. 1300-1400 Urdu 11725. 1530-1630 Hebrew 9553 6155. 1530-1925 AR "Voice of the Masses" for expatriates 9745. 1600-1900 Persian 11725 9572 3240. 1900-2100 Turkish 3240. 1930-2030 FR Eu 9745. 2030-2130 GM Eu 9745. 2130-2230 EG Eu 9745 (BBC MS 7/79) BSOTROI DS in AR "Voice of the Masses" 0228-2315: 0228-0500 11782 9553 7245 6095. 0500-0530 11782 9745 9553 7245 7170 6045. /probably typo for 6095 -gh/. 0530-0600 11782 9745 9553 7245 7170 6095. 0600-0800 11925 11782 9745 9553 7245 7170 6095. 0800-1200 17770 11925 11782 9745 9553 6095. 1200-1300 17770 11782 9745 9553 6095. 1300-1330 17770 11782 9553 6095. 1330-1500 17770 11782 9553 6095. 1500-1600 17770 11925 11782 9553 6095. 1600-1730 17770 11925 11782 7245 7170-from-1700 6095. 1730-1800 11925 7245 7170. 1800-1900 7245 7170. 1900-2315 11925 7245 7170. Turkmen pgm 1030-1400 & Syriac pgm 1400-1600 on 3240 (BBC MS 7/79)

INDONESIA RRI Jayapura on 9612, temporary replacement for 6070 which is usually \*0800-1130\*. 9612 normally closes at 0615\* (David Foster, DUDXS via IDXR 13/7) official sked of RPKD Tkt II Ciamis on 4055, 250 W, windom ant: 2255-0300, 0555-1030, 1155-1600 (Takehara, IDXR)

GUINEA 15310v noted at 1230-0830; Sun also 0830-1230 (Richard Ginbey, RSA, DXJB 9/8)

GABON RTVG 4830 \*0430-, 1700-2300 (Richard Ginbey, RSA, R. Nederland DXJB 9/8)

EGYPT R. Cairo non-EG to Eu & Ams: 9805 1900 IT, 2000 GM, 2100-2215 FR. 2300-2415 FT to SAM 15360. 0000-0200 "Voice of Egypt" AR to NAM 12050. 0045-0200 SP S&AM 11715 9740 9475. 0200-0300 AR NAM 9675 ex-11745. And at 0200-0300 AR S&AM 11715 9740. (BBC MS 7/79 & 16/8)

ECUADOR R. Luz y Vida 1979 sked on 4850: Mon-Fri 0945-0300+. Sat 0945-0200+. Sun 1230-0215+. Sign-off time not shown; final entry is beginning of last program (via Andy Robins)

CUBA RHC Creole to Haiti 0200-0300 on 6060 only. SP to Ams 0200-0245 on 15340 15230 11970 11760 9765; 0300-0600 15230 11970 9765 9525 6060. 0300-0330 FR NAM 11760 (BBC MS 26/7)

COSTA RICA R. Noticias del Continente announced every 7½ minutes 2215+ 28/7 that beginning 1/8 the eve BC at 0000-0500 would move to 9490, whilst the retransmission at 1800-2330 would remain on 9615 as before; 2/8 GMT 0000 check, indeed on 9490 (gh) And they said that 'final, definitive programming would be introduced on 7/8' (BBC MS 9/8) I never hear 9490, only 9615 (Chris Behner, Sanford FL) Per QSL TIRL is now on 9490, no further details (Jack Lattemann, Seattle WA, 8/8) more, LN-14

CAMBODIA VOKP began ES 20/7, 19 days later than announced and on a shorter sked not including Laotian; 15 mins of EG, FR, Thai, twice daily at 0000-0045 & 1200-1245 on 11938 & 9695. VOKP DS obs on 7008 6090; 9695 also when not required for ES. On 20/7 VOKP obs on 7350 at 1200-1340, previously used 5/12/78-4/2/79 by the clandestine VOKP which was then thought to be emanating from southern Vietnam. VOKP anc'd that from 21/7 every Wed & Sat at 1200 & 2300 it would broadcast in Cambodian a pgm for the armed forces, "Voice of the Kampuchean Revolutionary Army" (BBC MS 26/7) 7350 first hrd 26/7; 9695 untraced at sked time since 22/7. During 16-19 July VOKP extended eve pgm, nominally \*1100-1300\* to closing varying 1345-1430, on 6092 9695 for dictation speed talk possibly on 'undefeatable relation between Kampuchea and Vietnam' (Isao Ugusa, DX Front Line 2/8)

BURMA Nationalities pgm of Voice of Burma (as BBS is called in Burmese) on 4725 obs to 1600\* instead of 1445\* with Burmese after indigenous langs till 1445. Similar to last year, when in June extended to 1545\* (Isao Ugusa, Kobe, Japan, DX Front Line 2/8)

BOLIVIA Latest info as of 30/7 from Tony Jones, near Asunción, Paraguay:

3280 R. Chaco (Yacuiba) Sun 1045-2300; W. still 0945-0300.

3337v R. Viloco 0400\* all days, ex-0300\*; s/on still 1000

3353 R. San Miguel (Riberalta) s/on between 0900 & 0915 some days; channel clear to past 1000 on others; s/off 0230 all days except Sat (GMT Sun) when extended past 0300

3380 R. Cumbre W. 1030-1800 & 2100-0300; Sun variable sked with three broadcast periods; s/on varies 1100/1200; 2nd xmsn to 2200/2300; final session 2300/0000-0300 (more)

- 4845 R. Fides now 0900-1800 & 2315v-0200v; 6155 in // local morns, but only occasionally during the evening xmsns
- 4965 R. Juan XXIII, now 1000-1630 & 2100-0100 (Sun 1030-1630 only)
- 4991 R. Animas, 1030-1900 & 2100-0400 (Sun 1130/1200v-0200)
- 5020 R. Cuarto Centenario, 1200-1900 (Sun -1800) & 2130-0230
- 5312 R. Rotoré, 1000-0200 (Sun 1100-2100) - irregular
- 5568 R. Aroma, 2215-0200; location is Patacamaya, Depto. de La Paz, per station IDs. The "Aroma" in Tonata (? -gh), Cochabamba, is a different station
- 5585 R. Machupo (San Ramón, Bení) ex-5660, sked 2300-0230.
- 5955 R. Pio Dce, \*1000 ex-\*0900
- 5965 R. Nacional de Humuni reverted to sked of former years, viz. 0930-0400 (Sun 1100-0200)
- 6005 R. Progreso, f/in mid-pgm 1100 apx (varies 1040/1115)-0400\* (Sun to 2215v, 2300\* max)
- 6069 R. El Cóndor, now 1000-0500 all days
- 6137 R. Santa Cruz, s/on 1030, then continuous to 2200+; SW xmsns then cut at any time, usually between 2200 and 2330, tho once heard past 0720
- 6175 R. Indoamérica (Potosí) 1000-1300, 1500-1800, 2000-0300; no afternoon break on Sats; and continuous on Suns with seemingly earlier s/off, tho too much QRM to be 100% sure
- ✓ **AFGHANISTAN** R. Afghanistan DS in Pushtu & Dari, First Pgm: 0125-0400; Fri 0400-0730; Thu & Fri 0730-1030; daily 1030-1830 approx: 3390 0125-0400 (Fri 0125-0330) & 1340-1805. 4380 1530-1730. 4775 0125-0400 (Fri -0330). 6230 Fri 0330-1030, Thu 0730-1030; daily 1030-1340. 7200 Fri 0330-0830, Thu 0730-0830. Second Pgm: 1630-1800 6230. Third Pgm: 1330-1530 4380 (BBC MS 6/79, rearranged by gh) more LN-15

✓ **MISCELÁNEA RADIAL** **ZAMBIA** ZBS reported 10/7 that one of its xmtrs at Short Horn was still not working because spare parts from China had arrived damaged. This was revealed ruing a xmtr-site tour by Minister of State for Info & BC Services to assess how the xmtrs were operating. Minister expressed her concern since the damaged equipment would take a long time to replace and cost a lot of money. Engrs were urged to take good care of equipment currently in working order. During the Minister's visit the ZBS acting Dir-Gen admitted a spate of resignations from ZBS in past years was due to low salaries and poor working conditions. He called on the party and govt to pay more attn to ZBS so as to improve its services in view of its importance to the country's development (BBC MS 19/7) Lusaka HS pgm recently obs on 6060 thruout the BC day (BBC MS 9/8)

✓ **ZAMBIA** There is currently little SW (and MW) activity from this country: LVZ Lubumbashi 4750 and Mbuji-Mayi 7295 are observed around 0400, and infrequently Kinshasa 9750v (Ginbey, DXJB)

✓ **U S S R** Another spur, or something, 15075 28/7, awful modulation // perfectly modulated 15045 and 15775 (Richard Stoller, NY) And horribly distorted carrierless glob noted 4/7 0345 on 15356-15364 with pop mx, Mayak IS 0259, strong, // regular Mayak fqs; jammer or unintentional? (Stoller) R. Dushanbé has been hrd on 21825, 3 x 7275; sked 1530/1830 (Barracough, WDXC)

✓ **U S A** AFRTS hrd on SSB 9930 at 0615 // 9755 (Stu Klein, FL, 8/8)

✓ **TANZANIA** ES of R. Tanzania hrd in EG \*0330-0408 7/8 including ID 0350, lost to ute at 0409 (Mike Bolitho, Toronto, Ont.) On 50501 (gh) DS hrd on 4785 Swahili 0304 12/8, good (Whit)

✓ **TAHITI** R. Tahiti has not dropped 9750 as reported in SCDX via July LN-4. Am hearing this and the three other SW fqs 0730 29/7 (Chuck Boehnke, Los Gatos CA)

✓ **SYRIA** BBCMS has issued 7/79 schedules of both domestic and external services from Damascus, none of which are on SW. However, EG is carried on the "Western/Turkish" pgm at 0900-1200 & 2100-2200 on 1484, 1314, 1070 and 872 kHz (gh)

✓ **SA'UDI ARABIA** Riyadh on 10385 and 10477 with strong HS feeders in // at 2110 16/7; can't see the need for two (Andy Sennitt, WDXC MM) On new 6038 at 1930 // 15060 - but delayed half a second!! (Oscar Hanson, Denmark, R. Viking DX World 24/7) Hard to explain any way but due to a satellite feed, actually taking about 0.3 second (gh) new 15038 is sometimes separate, sometimes // 15060; but not totally parallel, as 15038 is usually 1.5 to 3 seconds in front. Why? Also, 15060 has DS nx in EG & FR (Richard Stoller, NY) When?? (gh) BSKSA hrd on 14960 around 0510 when 15060 was not on (Jim Conrad, IA, 1/8)

✓ **SÃO TOMÉ & PRÍNCIPE** 4870 noted to 2300\*; R. Nacional still on MW 759 (Ginbey, DXJB 9/8)

✓ **NIGERIA** FRC on new 3326 Lagos // 4990 \*0430/2300\*; until 1972 this freq was used by Kaduna (BBC WRC Noel Green 14/8). 3325-6 21/7 1827-2330 FRC Lagos, good to excellent (PLAY-DX 6/8) <sup>more LN-14</sup>

✓ **NICARAGUA** No further activity noted from R. Sandino on any 7 Mhz channel, but on 28/7 and 29/7 heard them with weak signal 1418-2202 at various checks steadily varying upward from 11727; in the morning to 11733 in the afternoon, encountering K1WR, R. Nederland QEM when around 117301. Now gives time checks, impossible when claud due to pre-taped pgms, as "la hora del poder Sandinista" (which rhymes in EG). Lasted at least several days to a week, but not heard lately as of 18/8 (gh) Hrd for a few days on 11732 1600-2100+ (Chris Beehner, Sanford FL) Noted press reports that all stns have been taken over by the govt--R. Sandino is the only one active on MW or SW (R. Australia Club Forum 28/7) Nicaragua to Drop Most Curls on News. Of greater relief to most Nicaraguans, /than the return of newspapers/ whose illiteracy rate is over 55%, will be the return of their dozen or so radio stations. During



CHILE LVCH is shown in ITU THFBS for S79 on 13m: 21595 and 21530 both with 100 kW for Indonesia and SE Asia (Bob Padula, August ADXN)

CZECHOSLOVAKIA Since at least the 2nd Sun in May, jamming of BBC and RCI has seemingly ceased; until then 6125, 7210, 7230 were jammed. DW & RFE are still heavily jammed (Russell Shapiro, WDXC Contact July) Keith Edwards mentioned jamming at the EDXC Vienna conference, which was also attended by Peter Skala of R. Prague (Barraclough, WDXC) Czech authorities have closed down the ČSSR-DX-Circle, after one of the members applied for a visa in order to attend the EDXC meeting in Vienna (Neue Zürcher Zeitung via Claes Englund, Sweden, SCDX 7/8) Confirming an earlier report from Romania. A shocking and important story (George Wood)

CYPRUS R. Bayrak hrd to 2000\* on 6141m (Brian Clark, July NZ DX Times) 6143, good around 1800 (Jouko Hauskonen, Finland, SCDX 17/7) Obs now on 6341, Turkish nx 1930-2000\*; some RITY QRM in England (SWNS 8/79)

CUBA R. Moscow relay xmtr on 11840 all day 29/7 nothing but that hefty hum. Not a bad idea, come to think of it, but makes me wonder if this operation is unattended, at least on Sundays and turned on and off by a clock-timer with no human-in-charge to notice whether there is any modulation. Noted several other days with carrier but little or no modulation for long stretches (gh)

COSTA RICA There seems to be a lot of (self)-contradiction about the call letters of Radio Noticias del Continente (gh) When first hrd back in May they were clearly given as TIRN, which fits nicely with Radio Noticias. On 9/8 I monitored them on 9490 from 0330, hearing several IDs during the pgm unmistakably as "TIRLR". And at s/off 0458 it was "TIRL". And I have a degree in Spanish & Romance linguistics to back this up (Bob Rankin, KU, Lawrence KS) Per their QSL card, the calls are TIRL, but 0015 5/8 announced as TIRLR and again 6/8 at 0130 (SWNS) R. Centroamericana hrd 7/8 at 0132 on 6150a, definite ID out briefly from under Voz del Hulla and other mess (Syd Osterman, Ont.) Cf R. Sandino, LN-11

CONGO Brazzaville has reactivated 15190, hrd around 1000, 0800; no fixed sked. 3264 not traced here (Richard Ginbey, RSA, RN DXJB 9/8)

COLOMBIA (Cf Aug LN-7; LR-B-2) R. Nacional, Bogotá recently obs on 5940 (BBC MS 26/7) 5935 23/7 0956. 1/8 was on 5997 at 0931, drifting to 5991 in less than 30 min (Jack Jones, MS)

CANADA Members indicate they are having a much tougher time with CFVP/CFGN than with CKZU as in my survey in June LN. So perhaps by ranking CFVP at the bottom of the list we can conjure up some good reception of that elusive stn; the technique seems to have worked well for CKZU as they are now widely reported. Hi! (Bob Rankin, KS) I've noticed my local LPRT CJBC-1 (ex-CBLK) 1090 kHz, 40 watts, French, 30/7 2340-2354 GMT putting out strong harmonics on 2180, 3270, 4360, 5450, but none higher. I wouldn't have expected all this from a fundamental of only 40 watts (Morris Sorensen, Leaf Rapids Man) Depends on how close you are to it (gh)

CAMEROON UNID hrd 24/7 on 5000 to 2358\* and 25/7 0450-0510 FR, 0510 EG (Charley Hoffman, PA) 31/7 on 5000.0, 0545 muslim chants, af-type rhythms; 1/8 to 0518, lost under WWV (Larry Magne PA) Also 2/8 0515 African sounding broadcaster u/WWV; what do they think they're doing, with broadcast programs on a time-signal freq? (gh) R. Garoua obs on 5000 instead of 5010, \*0430, and Yaoundé nx relay 0500 FR, 0510 EG; also in use before 1800 FR mx, 1830 Yaoundé relay in EG, 1900 FR (BBC MS 2/8) Three other reporters were rather certain it was Central African Empire instead, perhaps based on that station's past erraticism; however, landing on 5000.0 is unlikely as a variation, but likely as a punch-up error (gh). BRAZIL; BOLIVIA LN-15

AUSTRALIA P&T Minister Tony Staley has informed Federal Parliament that RA broadcasts are un-intelligible or ineffective much of the time in target areas such as Indonesia at peak listening time, according to monitors (Bruce Williams, NZ DX Times, via August RIB) The 250 kW Carnarvon Brown-Boveri xmtr was taken off the air for inspection 2-20 July, and the Harris 100 kW xmtr there operated on the 250 kW freqs instead (6035, 11895, 15205, 17870, 11760, 6005, 11800.) Darwin was temporarily brought into service on the Carnarvon 100 kW eqs (7240, 11855, 21570, 9640, 11865). The three 250 kW Collins xmtrs at Darwin are all workable and are normally operated (on diesel generator power) into a dummy load, to maintain their condition whilst restoration of the site proceeds. For the temporary replacement service, the xmtrs used the salvaged 3010 aerial, a vertical log-periodic. At Lyndhurst, both 30 kW PEP ISB xmtrs were used simultaneously, one each to Carnarvon and Darwin utilising 2880 and 3290 rhombics respectively. During the xmtr-site originated recorded IS (before the Melbourne audio commenced), Darwin did not use voice anmts (as at Carnarvon) but did use a more swinging version of Waltzing Matilda (Carnarvon uses the original music box version). Both Carnarvon xmtrs use speech processing during nx bulletins but Darwin still does not, so that is also a help for ID (Robert Jones, Sydney NSW, August ADXN) ARGENTINA LN-15

ANTARCTICA AFAN, very tentative on 6012 8/5 1140-1205 with pop and disco mx, only fragments of anmts; maybe mentioned McMurdo 1201; S10 242; rapid fade. My sunrise that date was 1116, and there was no sunrise at McMurdo; practically all darkness path except near my QTH. Don't know who else it could be (Jack Jones, Jackson MS) more, LN-15

ANGOLA Em. Reg. Moxico 5192 relayed national nx from Luanda 2215, local pgm 2215 to 2230 f/out 11/8 (Bob Padula, Vic) All "Regional" stns are now "Provincial". Cuando Cubango, Menongue (ex-Serpo Pinto) on new 4760 and 1214, hrd after 1700 (Richard Ginbey, RSA, DXJB 9/8)

**FUTURE PLANS** YUGOSLAVIA Per Tanjung 18/7 Pres. Tito received the Gen. Dir. of R. Yugoslavia, who informed the president about the construction and modernization of RY's equipment. Pres. Tito emphasized the need for the stn to be completed ASAP because it "will occupy a significant place in Yugoslavia's info system, particularly in relations between Yugoslavia and the non-aligned countries" (BBC MS 26/7)

W A R C 7 9 AIR reported 25/7 that India, whose external broadcasts were often drowned by powerful overseas transmitters, had called for an end to the 'law of the jungle' which at present governs the use of radio frequencies in int'l broadcasting. This was one of the proposals India has made to WARC scheduled to begin in Geneva in September (BBC MS 26/7)

The Yugoslav daily 'Borba' 1/8 editorialized on WARC and the attitude of the non-aligned countries. It said i.a. that NACs maintain that the frequency spectrum must become 'a common social property'. The newspaper stressed the need to re-distribute the frequency spectrum to the benefit of newly-liberated and underdeveloped countries and that the NACs do not approach WARC from a solely professional-technical aspect but 'primarily from the political aspect'. The conference should not be allowed to 'preserve and continue the monopolistic utilization of the frequency spectrum by the individual developed countries'. WARC and other meetings will provide impetus for 'the creation of a new international information system and for the equitable use of the frequency spectrum by all people, nations and countries of the world.' (BBCMS 9/8)

U K O G B A N I It appears that SWLs will again have to do battle with the Brit-ish govt in order to save the BBC's external services. I consider the latest threat much greater than the 'think tank' proposals of two years ago, since these proposals come from within the British cabinet and are part of a large package of overall reduction in public spending. The proposals have been deferred until a 'white paper' can be presented to Parliament sometime in the autumn. Coverage of this on the BBCMS itself indicates that a 4 million pound (\$8.8 million) reduction is being proposed, and if this goes through, BBC would be forced to reduce its total programming output by 17-25% and close one of its major relay stations, such as Singapore or Antigua, according to manager Gerard Mansell (summary of a 2-page article by Richard N. Allen in August REVIEW OF INTERNATIONAL BROADCASTING)

UNITED ARAB EMIRATES S79 IFRB lists skeds for Dubai, 300 kW, requiring 3 xmtrs, on 7105, 9590, 9680, 9755, 11730, 11830, 15110, 15115, 15160, 17710, 17790, 21480, including 0030-0430 to Nam on 9755 11830 (Roger Legge, VA) Tho likely to come to pass sometime, we shouldn't assume it will suddenly appear 2/9 (gh) 21480 shown for 0600-1630 to Bu (Padula, ADXN)

SWEDEN George Wood says R. Sweden is building a curtain array for Nam, so they can use the full 500 kW capability of their xmtrs, as contrasted with 350 kW now due to poor cable and a medium-gain log-periodic (Richard Varron, Wayne NJ)

PORTUGAL/JAPAN R. Japan will begin regular xmsns from Sines to the ME 1/10/79 at 0700-0730, per personal letter. Xmsn will be relayed to Sines via satellite. The tests of this xmsn were extremely successful. Reception of NHK is usually very poor here (David Crystal, Israel IDXC I DX Digest) 0700-0730 ME 17815; 2200-2230 Bu 15305, GS in EG & JP (BBC MS 16/8)

MEXICO S79 IFRB lists México DF 100 kW on 6035 6110 9575 9750 11720 15120 at 1200-2000 and 2300-0300 to Ams (Roger Legge, VA) IVORY COAST LN-14

MALAYSIA I asked R. Malaysia about the two new 500 kW rigs mentioned in the 79 WRTVH. They typed a note on the back of the QSL saying they hoped to have them in service later this year barring any 'hitches'. No mention was made when tests will begin (Chris Lobdell, MA, 9/7)

INDIA The reorganisation of AIR into a Broadcasting Corporation of India has been frozen due to the government crisis (ORF Boletín DX 2/8) New govt to continue AIR autonomy (BBC MS 16/8)

HAITI S79 IFRB lists Port-au-Prince 6195 50 kW 1000-2200 to Caribbean; 9545/9690 100 kW 2300-0200 to Nam; 11805 100 kW 1500-1900 to Nam (Roger Legge, VA) Another 'don't hold your breath' item-it would be nice if they not only published where, but who (gh)

GABON Libreville paper "L'Union" 24/7 detailed progress on the Moyabi xmt complex currently under construction. Power stn and 4 x 500 kW xmtrs have been completed at a cost of nearly 13 million francs, but a further 1.7 billion /sic/ are required for completion of the project. The further sum includes cost of operation and management of the autonomous power stn by the Gabonese Electricity Corp. and other incidental expenditure. Ministry of Finance & Economy indicates it's impossible, in present circumstances of economic recovery, to release the required 1.7 billion /sic/ francs and have proposed deferral until the 1980 budget. This proposal has been 'firmly rejected' by Minfo as 'the available electronic equipment is kept in precarious conditions of surveillance and will be dangerously exposed to rapid deterioration if not put into use. The scanty protection of the buildings (with wooden planks and plastic sheets) that have been left uncompleted for two years now, has since been gravely damaged by bad weather. The repairs could be very costly if work to put it back in shape is not immediately undertaken'. The management of the Moyabi stn would be undertaken by a joint capital company called 'Africa 1' with capital of 100 million francs, of which Gabon would hold 50%. A delegation led by the Secretary of State for Info was to visit France 25/7 to hold meetings with RFI and other French companies (BBC MS 9/8) DENMARK LN-14 BRAZIL LN-15

COSTA RICA S79 IFRB lists new 1 kW stn at Cartago, 6075, 0800-2400 (Legge, VA) local time?

**BANGLADESH** Info & BC Minister, opening a broadcasting centre at Khulna, said a 100 kW xmttr will be commissioned there within a few months; a national broadcasting centre will be established in Dacca in the nearfuture; 2 x 250 kW SW xmttrs will be set up for external broadcasts and six more regional BC centres will be established, per RB nx 1/7 (BBC MS 26/7)

**AUSTRALIA** R. Australia in the future is to be funded on a triennial basis (instead of one year at a time), and this is good news for us (Keith Glover, RA Mailbag 29/7) Minister of P&T says this would aid the ABC's independence and allow it to plan more confidently for the future. The amount provided for the ABC in the forthcoming budget will be a base figure and the ABC would be assured in later years of receiving not less than the amount plus automatic increases for inflation. Any additional requests for funds would be considered by the govt on merit (RA 24/7 via BBCMS 26/7)

**GLANDESTINE CRANNY** Green River Radio "The Voice of the Bayou Country" on 7375 GMT 7/8 \*0418, mx by "Richard Nixon"--L.A. Flat Earth Society Meeting, Honolulu liquor store robbery; guitar chords, only about 5 min of programming, modulation fading but open carrier for over 30 min. Much too strong for Louisiana on pirate strength. Please QSL (Joel Rubin, Box 819, Berkeley CA 94701)

**"WDAB"** Daytona Beach FL, hrd 5/8 0213-0244\* on 6210 "We're WDAB, Daytona Beach, Florida, USA somewhere around 6210 kHz on 49 meters. We come your way every week or month; or every two or three months with all oldies all the time. Yes, there really is entertainment on short-wave." Songs played were "Galveston", "Suzy Q", "Season for Loving" and more. Professional set-up. DJ sounded like he's had a lot of practice. SINPO 32222 with R. Tirana 6200 QRMing. Address given over air: P.O. Box 678, Daytona Beach (Ken Gold, Hollywood FL) more, LN-14

**"Great Lakes Radio, WGLI"**, 3865a, hrd 28/7 0440-0500\* "from the shores of Lake Superior" talking about reports from the east; Steely Dan; acknowledging reports from VA & NY (Mike MacCollum, IN)

**Voice of Venus** In reply to Chris Hansen's allegation that VOV is in Bloomington IL. Note the QSL on page 31, June FRENEX gives QTH as Minneapolis, supposedly. There is a Lake Street in Minneapolis--the city's main prostitution area. I think they were making an 'insiders' joke when they said they were broadcasting from Lake Street. I'm sure a pirate wouldn't give out the true location, but this strengthens my belief that VOV is in the Minneapolis-St. Paul area (Steven Shaffer, Hammond IN)

**R. Polaris** (Cf July LN-12) CANDX misprinted the frequency--it was 7590. By the way, I got the first R. Polaris QSL (Arthur Bodek)

**R. Callisto** phoned me saying they would be on 7370 SSB 7/8 at 0500; and that they might return Labour Day as "100% American Radio" (Mike MacCollum, IN) /more, LN-14

**1620 kHz** approx, unID pirate hrd 12/8 0800-0900\*, fair with some fading. Old rock mx by Credoence Clearwater Revival; 0830-0900 pgn about the presidency of JFK with some recordings of his speeches; sudden sign off at 0900; no IDs thruout; any ideas? (John Fisher, ChelmsfordMA)

**"CREWM"** is indeed correct, not "CRAW", per Al Mick of Free Radio Campaign USA. I assumed it was meant to be mildly profane (Richard Stoller, NY) I don't get it (gh)

**"WCBX"** 'is rather unfriendly and does not want reception reports', says Al, which is not all that surprising since the stn seems to be just a platform for the DJ to reminisce about the old days and play music (Richard Stoller, NY)

**Radio Solent City International** was raided by the Leeds GPO 24/6, according to Voice of Britain. Records, QSLs and letters were confiscated (Mike Barraclough, WDXC Contact) It broadcast from a fixed location inside a house. The raid at 0845 was carried out by four Home Office officials and two police officers. Station operator Michael Jay offered no resistance and even made cups of coffee for the raiders. Solent City were located about 90km north of Leeds (Michael Burden, R. Viking DX World 24/7)

**R. Capricorn** was raided later that morning while broadcasting on 6235/7325 kHz. This raid was carried out by six H.O. officials and four police, the leader of the party being the notorious Mr. Eric Gotts (Michael Burden, R. Viking DX World 24/7) The previous week the stn had run a satirical tape ridiculing GPO detection activities including refs to 'P.C. Eric Gotts of Camberwick Green'. The staff decided to hide in the bathroom when the officials rang the doorbell, but when the officials started to climb in thru windows they thought they had better let them in. Equipment, records, newly printed QSL cards and all 600 letters that had been received by R. Capricorn and R. Sunshine were confiscated. They did not, however, find the offending tape. R. Utopia and R. Corsair both had to terminate xmsns early when they spotted the GPO but these stations were not raided (Mike Barraclough, WDXC Contact July) LN-14

**R. Enoch**, the English pro-fascist stn has been less active recently, but did broadcast Sun 8/7 at 1000-1045 on 1560, 5920 and 7348, power on latter claimed 1 kW. Another pirate, R. Utopia quickly came on attacking R. Enoch and appealing for other free radio stns to jam it. About 10 mins later a strong jamming signal did appear on the 41m channel, making reception impossible. R. Enoch is a very controversial stn, and all the other English pirates seem united in opposition to it. Further broadcasts are almost certain to be jammed. R. Enoch is unable to obtain a mailing address, probably because nobody else is willing to be associated

with it (Mika Burden, R. Viking DX World 24/7) R. Enoch had been silent since 25/3. The stn complained of the attn it had received from the media and the Home Office, which included a raid on its mailing address. It contrasted this with the 'nauseating filth pumped out daily' by R. Moscow and said that if the British govt started to jam R. Moscow's WS, R. Enoch would shut down immediately. Was on standard AM, previously SSB. R. Enoch referred to jamming of it as being from 'pathetic souls with flea-powered transmitters'. Was at 1100-1145 and promised further broadcasts (SWNS) BST? cf above (gh) Promises to be on one Sunday a month at least (via Jonathan Marks)

R. Uilenspiegel, an 'independent' Flemish-speaking stn xmtd for about 30 mins 22/7 from Dunckerque, France. Set up by several Flemish assns, designed 'to affirm the rights of Flemings living in the region between Dunckerque and Cassel', RTBF reported (BBC MS 26/7)

Yugoslavia A 10/7 article in 'Politika' said the level of activity of pirates in Serbia had assumed such proportions that authorities were finally forced to intervene. Many of them on MW imitated local stns and others carried their own political info and cultural education. This resulted 'in a great confusion on radio waves, since some of the pirates broadcast on channels used by the Secretariat for Internal Affairs, the Fire Fighting Services, River Shipping and other important organizations'. Some pirates falsely reported earthquakes. It was estimated at one time that about 1000 pirates operated in Serbia, and their numbers were rising and many were raising power and improving antennas. SIA and socio-political organizations' energetic steps to suppress them resulted in 227 being uncovered and confiscated in Sunadja and Pomoravlje in 1977. A year later 854 were confiscated in Srbia and in the area of the Pancevo and Kolin Communes, and in the last few months of the same year 460 stns were uncovered and confiscated in the Danube region. This 'evil' has not yet been fully eliminated. Pgmms from some 20 pirate radio stns continued to be hrd in the Belgrade area, with considerably more elsewhere in Serbia. Unauthorized possession of xmters is illegal, but little attention is paid to the law (BBC MS 26/7)

V. of the Namibian People hrd again Tue 17/7 on 7180 1700-1800. Is anti-SWAPO, same xmttr as anti-MPIA and anti-Cuban clans. QTH unknown (Richard Ginbey, RN DXJB 9/8)

V. of Free Zimbabwe, a new stn, hrd wandering all over the 4m band, the seems settled on 7070. Probably Mozambique site, terrible modulation, around 1000 or 1100 and again 1600-1800 or later. Every type of mx, from Paganini to Elvis, military marches, operetta, and occasion al African tunes (Miki Vcelar, Pretoria RSA, SCDX 31/7)

Voice of the Eritrean Revolution obs 6/8 on 9585, in AR via R. Mogadishu, saying a half-hour pgm would be BC twice a week on Sats & Mons 1730-1800. Another stn of the same name (in Arabic, "Sawt ath-Thawrah al Eritrea") is obs on 7245 and 6170 in Tigrigna and Arabic, from facilities believed to be in Iraq (BBC MS 9/8)

Voice of Egypt of Arabism, program in Baghdad's external service, in AR 2000-2200 on 11925 7245 7170 + MW (BBC MS 7/79)

Voice of Palestine, Voice of Palestine Revolution (Sawt al-Filistiniyah, Sawt Ath-Thowrah al-Filistiniyah), anti-Israel, pro-Palestine, believed to be in Lebanon, operates on 1120 kHz in Arabic at 0500-0700, 1100-1300, 1600-1800. During crises, xmsn time extends; and EG & FR nx occasionally included (BBC MS 7/79)

VOCPOP LN-11

R. Free Lebanon, the radio of the Lebanese Resistance, is on 1500 ± 1 kHz, per amnt brief EG nx at 0830, detailed EG nx 1700, which may begin only at 1705 and last 10-15 mins, followed by pop mx; preceded by talk in Arabic (David Crystal, Israel, IDXCI DX Digest 7/79)

Iran VOIRI 4/8 reported a statement from PTT Ministry that the 'Law on Private Wireless Sets' requires a licence and written permission from PTT before setting up or using any wireless transmitting sets. "Those who break the law shall be prosecuted in accordance with the provisions of the law" (BBC MS 9/8) Like amputation of one's antenna? (gh)

Free Kunar TASS reported 30/7 this stn has recently been engaged in propaganda from Afghan territory, 'financed from foreign sources', broadcasting daily material hostile to the present regime /Kunar is a province of Afghanistan bordering on Pakistan/ (BBC MS 2/8) DPA reported from Islamabad 28/6 than an Afghan group had claimed it had established a clandestine radio stn hostile to the present regime. The "Hizbe Islami Afghanistan" group in Peshawar, Pakistan said it would be on SW at 1500-2100. No freq details, and not yet observed (BECMS 19/7)

Voice of the People of Burma (Burmese: 'Myama-pye Pey-Thu Ah-thar') pro-communist on or very near the Burma/China border, operates on 5110 at 0030-0130 & 1200-1300 in Burmese on Tu/Th/F/Su; Std Chinese Sa; Shan Wed; Jingpaw Mon. Another broadcast on 6304 in Burmese on Su/Tu/Th/F has a timing varying monthly: 1400-1500 Jan/May/Sept; 1330-1430 Mar/Jul/Nov; 1030-1130 Feb/Apr/Jun/Aug/Oct/Dec (BBC MS 7/79)

Voice of the People of Thailand (Cf Aug LN-13) Last hrd on 11/7 at 0500 repeating 10/7 1000 broadcast, followed by unsked pgm of revolutionary songs 0600-0700. No comment or explanation was given; was on 9423 and 6033. An article in the Bangkok Post 12/7 said it had closed down. A Thai military spokesman felt the closure 'might be an act by the Chinese government to please Thailand' but that it would resume broadcasts once a new suitable and safe site is found to house this Thai Communist Party mouthpiece (BBC 19/7) Analysts have ruled

out technical reasons for the station's temporary closure, mainly because the Malaysian and Burmese communist parties continue to broadcast regular programmes from the same xmttr in Kunming, Yunnan province, southern China. And they see no logic in the argument that China may have choked off the VOPT in a bid to improve state-to-state relations. "We certainly question whether China would do this and leave the field open for the Vietnamese and the Soviets to take over." Most experienced observers view the development as a clear indication of a fierce debate among senior members of the 25-man Thai Communist Party central committee over the station's editorial content, which had come down increasingly hard on the Moscow-Hanoi axis. "What they appear to be deciding is whether they should try to remain more neutral." (Far Eastern Economic Review 27/7, John McBeth, via DX Front Line)

Voice of the People of Malaya (Cf Aug LN-13) This stn is not on pro-Peking line. Frequency is still 7020v? (Isao Ugasa, Kobe, Japan, DX Front Line 2/8)

Voice of the Communist Party of Turkey (oops) VOCPOT anc'd that every Sat from 28/7 its 0800-0830 & 1000-1030 xmsns on 9585 would be specifically for Turkish workers employed in Western Europe (BBC MS 2/8)

Farabundo Martí, a clandestine guerrilla radio stn named after the founder of one of the Marxist guerrilla groups, is soon to begin operating in the Gulf of Fonseca, the only place where Nicaragua and Salvador come together (Georgie Anne Geyer, Seattle Times 9/8 via Jack Lattemann, who adds: As usual, no freq given; has anyone heard this on MW or SW?) This is to be the "R. Sandino" of El Salvador (gh)

R. Sandino (see also NICARAGUA, LN-5/6) Closing historical items for the record of this station's clandestine career (gh) 10 July on 7317 at 0605; non-stop LAm mx on 7321.5, het at 7320 and weaker than Sandino, at 0445. 16 July R. Sandino 7316 0642 very weak, ID, 0646 "La victoria es nuestra"; at 0655 LAm mx on 7323. I wonder whether the Somoza stns' consistent missing of Sandino by a few kHz was not more an attempt to draw away listeners with all that music, a kind of 'psywar' rather than brutal jamming (Ralf Munster, Decatur GA) 13 June, R. Sandino hrd at Q530 on 15404-5, 2 x 7702, weak (Bob Underdown, Siloam Springs AR, GO-DX) Shucks, I missed that one! (gh) Your rhetorical question in Aug LN-11 about a possible relationship between R. Noticias and R. Sandino II started me checking. There is positive but circumstantial correlation between TIRN's now-defunct 49mb outlet and Sandino II (7316/7702). My logs plus various observations from the bulletins show: During May TIRN tested sporadically on 6129v6132, last reported 25/5. During this period they were announcing both a 49mb and 3lmb xmttr. Also during May R. Sandino used a similarly unstable xmttr on 6059v6068. I do not know if the skeds of Sandino and TIRN overlapped at all on 49m. By June 1 I was hearing TIRN only on 31m and they had dropped their 49m freq ammt. At the same time, R. Sandino appears for the first time on 7316.4, moving to 7702 by June 8 and back to 7316 by the 17th. R. Noticias never reappeared on 49m. So there is a TIRN xmttr to be accounted for during just those periods that R. Sandino II was operating, and that xmttr earlier displayed the same kinds of freq instability as the 49mb Sandino xmttr (and perhaps the 4lmb Sandino as well). So what do you think? (Bob Rankin, KS) Looks suspicious; but R. Sandino II on 41m was not that unstable. As for times of day, by the time R. Sandino II was in operation, they apparently no longer had an early-evening xmsn (c. 2230 GMT), and R. Noticias was on the air at that period, going off around 0400, and a few minutes later R. Sandino would begin. Also, R. Noticias was not on the air at all in the morning hours, leaving its xmttr(s) free to be R. Sandino for the 1030 GMT broadcast, hypothetically (gh) The clandestine R. Sandino of the FSLN from SW xmttrs purportedly in Nicaragua was last obs at 0400-0500 19/7 (BBC MS 26/7)

SPY NUMBERS On two occasions when I encountered the beginning of one of those xmsns with a woman presenting 5-number groups in Spanish, they began with what I thought was "Atención, fedo, fedo..." but there is no such word; perhaps Castilian "cedo", I yield; on 7323 at 0700-0705 in July; and 7342 at 0714-0716 9/7 (Ralf Munster, Decatur GA)

USSR LN-14

**PROGRAM NEWS** U K O G B A N I BBC WS introduces many new pgms and changes times of some old ones as of September: LETTERBOX moves from 2100 to 2015 Suns. FROM OUR OWN CORRESPONDENT is now 15 min in all editions, at 1315 & 2145 Sun instead of 1615 & 2209. SCIENCE IN ACTION now Sat 0945, Sun 1615 & 2209 instead. LETTER FROM AMERICA is now Sun at 1115 & 1645, ex-1315 & Mon 1730. LIVE PROM CONCERTS at 1830 on Sept. 1, 4, 5, 11, 15="last night". Also Suns 1515 & Mons 0100; Mon 3rd 1430, 10th 1215, repeated Fri 0630. Sidney Harrison presents MUSIC IS A SONG & DANCE ACT, Sats 0830, Mons 2330, Fris 1215. RING UP THE CURTAIN, an illustrated intro to famous operas, Mons 1030, Tues 0630, Weds 1715. MUSIC ON THE MARCH, military bands, Sats 0530, Weds 0730, Fris 0100. GUITAR WORKSHOP, Sats 1345, Thurs 0730, Fris 0215. TALKING ABOUT MUSIC, Mons (exc 3rd) 1430, Tues 0830, Weds 2130. ESTEPODIAL--the Welsh competitive festival, 3rd 1000 & 2130, 5th 1615, and at same times on following Mons & Weds, LONDON ART GALLERIES. Three documentaries on WELLINGTON, from 11th, Tues 0030, 1345, 2030. IN THE BEGINNING--ideas on creation, Weds 1430 & 2030, Thurs 0330. ALTERNATIVE MEDICINE, Sats 0430 & 1315, Mons 0815, Tues 2315. MEDICAL DOCUMENTARIES Sats 1130, Suns 1830, Fris 0230. ALL THINGS CONSIDERED (a.k.a. Brains Trust)--panel discussion, Weds 0230, Thurs 1430, Fris 2030. FRANK MUIR GOES INTO...Suns 1430, Fris 0030 & 1030. (gh) PIT OUT MORE FLAGS, by Evelyn Waugh, read in 15 parts by Hugh Burden from Sept. 3, Mons 0530, Tues 1630, Weds 0145 & 1015. MEDITATION, on the birthday of Lord Krishna, Sept. 2 at 1030 and Sept. 3 at 0030. ALISTAIR GOORK'S 1930s from 26th Weds 1430 & 2030, Thurs 0330 (Rubin)

**TURKEY** VOT pgm booklet now published twice a year, not four times. Some of the pgms for "3th period" (July-August-Sept) are: Sun 2135-2150 SPOTLIGHT ON TURKEY, 2245-2255 TURKISH FOLK MUSIC. Mon 2215-2245 STROLLING THRU ANATOLIA. Tue 2215-2225 TURKISH CLASSICAL MUSIC. Wed 2240-2255 TURKISH FOLK MUSIC. Fri 2215-2230 LAST WEEK IN ANKARA. Sat 2215-2235 LETTER-BOX, 2235-2255 TURKISH CLASSICAL MUSIC (gh, from TRT)

**SOLOMON ISLANDS** Some SIBC pgm hilites (to 0700 on 5020 & 9545; after 0700 on 5020 only) Mon-Fri 0600 NEWS IN BRIEF, 0610 SING SING YOU LIKEM, 0655 WEATHER INFORMATION, 0710 MALARIA MESSAGES, 0745 NATIONAL NEWS IN ENGLISH, 0800 NATIONAL NEWS IN PIJIN, 0810 SHIPPING INFO, 0830 SERVICE MESSAGES. 0900: Mon, MUSIC BELONG OLO. Tue, SPOTLITE (news background). Wed, THE LEONG HANG SHOW. Fri, COCONUT NIUS. 0930 SPORTS, PUBLIC AFFAIRS, CULTURE & EXTENSION 1000 WORLD NEWS, 1010 PACIFIC MUSIC, 1100 NEWS IN ENGLISH. Sats: 0600 MATCH OF THE DAY -- sport, 0745 NATIONAL NEWS IN PIJIN, 0800 CUSTOM STORY, 0900 OVERSEAS NEWS IN PIJIN, 1000 WORLD NEWS, 1100 NATIONAL NEWS IN ENGLISH. Suns: 0445 STRING BANDS RAONEM SOLOMON, 0745 NATIONAL NEWS IN PIJIN, 0800 EVENING SERVICE, 0930 ISLANDS OF THE PACIFIC, 1000 WORLD NEWS, 1100 NATIONAL NEWS IN ENGLISH (1979 sked via Charles George, TX) USA/NETHERLANDS LN-14

**JAPAN** R. Japan's HELLO AMERICA pgm GMT Suns 0145-0220 is one of their livelier offerings. Tho suffering from some staging, it's reasonably off-the-cuff for an NHK known for extreme formality. Edie Haines, an American, and his two Japanese co-hosts, talk about the usual things. The 12/8 pgm was "Visiting Tokyo on \$10 a Day", which takes some doing. They didn't pull any punches about the atrocious exchange rate of the dollar. Effective interviews were done at Tokyo's airport with American tourists leaving early because of high prices. The recommended cure: buy Japanese rather than imported articles. As anywhere else, you'll lose your shirt trying to live "American" while overseas. They said the price of beef in Tokyo is \$16 per pound. The bulk of the pgm found Edie & friend wandering around Tokyo with about \$2000 (\$10) each, proving you can get by without suffering if you try. All in all a very relaxed pgm. I recommend it. Best frequency as of August in ENAm was 21640 (Robins, MI)

**FINLAND** As of Sept, FIR makes some program changes. STANDPOINT is absorbed into the Tue-Wed edition of COMPASS NORTH. LAND OF 1000 and POP SLOT drop out of SUNDAY BEST. AIR MAIL moves to Mon-Tue, and repeated in SUNDAY BEST at 0820 & 1320. COMPASS NORTH now has two editions a week, Fri-Sat, and Tue-Wed. ON THE TOWN is monthly, and expanded to include arts reviews, Thu-Fri + S.B. OFF THE CUFF, panel discussion, returns, fortnightly Sat-Sun. MADE IN FINLAND is extended and incorporated into FOCUS documentaries, fortnightly Thu-Fri alternating with Sat-Sun. VOICES OF FINLAND music begins SUNDAY BEST. (FIR) COSTA RICA LN-14

**CANADA** As of 8/8, RCI was obliged to blot out the BBC-produced HANCOCK'S HALF-HOUR during the AS IT HAPPENS simulcast Weds 2230 & 2330. Even tho the BBC is not currently carrying HHH on SW, it retains exclusive rights for SW. Replacing it were various CBC-produced documentaries. Try CBL-740 weekdays at 0930 for some BBC shows. Check CBC NS 11720 & 9625 Thurs at 1804-1829 for PEOPLE IN LANDSCAPE, 6/9 on PEI brews, liquor laws and attitudes toward drinking; and Fridays 1804-1829 for CANADA ON RECORD, Bob Knapp with recordings of memorable events of the past, 7/9 on WWII reporting (gh)

**BRAZIL** R. Timbira do Maranhão, ZYF813 on 4975 says it has long been broadcasting a special pgm "THE INTERNATIONAL CORRESPONDENT" in EG & PT, Suns 2300-2400 GMT as a way to have friendly conversation with all SWLs around the world (Ivar Stormo, Norway, SCDX 31/7) Timing hardly ideal for NAm reception, but maybe it makes it to Eu (gh)

**DX PROGRAMS** U S S R I've lost track of when the DX PROGRAM may be carried on the RMWS, if ever. Anyone have accurate sked? (gh) RMWS anc'd 5/8 that last half hour mostly mx now and DX program moved to Sat 0810, Sun 1210, Tue 1610, Thu 2210, Fri 1810; 99% of other talks now :10 past (BEC 16/8) A different DX pgm is on the British svc Thu 2035 & Sun 2015 (Mike Barraclough, WDXC Contact) On 11880 9765 9685 9490 7420 7390 7250 (BBCMS) Times should be 1935 & 1915 GMT, audible one Sun 1915 on 9765 (gh) R. Moscow DX pgm in German is on Weds 1830, Thurs 1750, Sats 1150, Suns 1750 (RM DX pgm 28/7) more, LN-14

**U S A** Those who can get KUOM-770 Minneapolis in the daytime, Thurs 1830 GMT, can hear a new series as from 6/9, THE LIMITS OF THE LIMITLESS MEDIUM: INTERNATIONAL BROADCASTING, produced by Prof. Don Browne, dealing with WARC, history of SWBC, tapes of WWII figures etc (KUOM)

**UKOGBANI** As part of its thirdly pgm shuffle, BBC WORLD RADIO CLUB's 2100 airing has been moved from Tue to Sun; other times the same (gh)

**SWITZERLAND** SRI's SHORTWAVE MERRY-GO-ROUND promises coverage of WARC from Geneva, on this pgm 2nd & 4th Sats; also perhaps on weekday DATESLINES (gh)

**SPAIN** REE has a SP DX pgm on Sun 2030, not Sat as in WRTH, noted 15/7 (Andy Sennitt, WDXC)

**SOUTH AFRICA** R. RSA DX CORNER now noted in the AFRICA TODAY pgm Mons 1535 on 25790, 21535 (Edwin Southwell, WDXC Contact) I thought it was 1335+; typo or change? (gh)

**PORTUGAL** For those trying to track R. Portugal's Friday (+GMT Sat) DX program, it was on 18/8 (gh)

**POLAND** PEW has a mailbag pgm including DX tips and info on receiving PEW and other stations better, at 0200 & 0300 GMT Sats (Charles George, TX)

**NEW ZEALAND** A DX pgm is now on a MW 1593 kHz stn Sats 1300-1400 (Cushen, RA Club Forum 17/8)

FINLAND FIR's WORLD OF RADIO series on SUNDAY BEST has come to an end, with 9/9 the final program (FIR)

ECUADOR Here are the topics for "Qué Pasa" features on midweek DX PARTY LINES, much of the material gathered at ANARCON 79. Exact dates are uncertain due to mail delays, but the sequence should remain: 1) Interview with John Zakari of Voice of Nigeria 2) Euro report from William Kitching, on new Irish radio sta and a pirate in Finland 3) Interview with Ian McFarland of RCI 4) Interview with Bob Zanotti of SRI 5) Report from Jonathan Marks about EDXC activities, including interview with Michael Murray, head of EDXC UK group 6), 7) and 8) Interview with Rudy Espinal, formerly of R. Clarin. Further programs will include interviews with David Monson of BRT and excerpts from the Broadcasters Forum at ANARCON 79 (Jeff White)

CANADA As of 3/9, for the convenience of NAM listeners, particularly in the east, DX DIGEST editions III & IV will exchange places with editions I & II on the North American service, so that those who have already heard I & II in the afternoon on the AE/Eu services may hear III & IV earlier in the evening and not have to listen at 0317 & 0417 when I & II will be repeated (Ian McFarland) As of 15/9, MAILBAG to move from Sun to Fri evenings so it can have more time. I have suggested that it stay on Sunday and SX DIGEST move to Fri instead, since DXD contains time-value info and MAILBAG does not (gh) RCI engineer George Jackson is a delegate to WARC 79, and will be providing us with reports from Geneva on DX DIGEST (Ian)

AUSTRIA If you don't hear SW PANORAMA GMT Sun at 0300, don't give up; on one week they did not get around to starting it until 0314 (gh)

ARGENTINA LN-15

## PUBLICATIONS

Co-Evolution Quarterly, Summer 1979 issue includes very good articles on WARC and the New International Information Order. Single copies are \$3 from CEQ, Box 428, Sausalito CA 94965 (George Wood, SCDX 7/8 & gh)

Review of International Broadcasting now includes non-technical articles on receivers and equipment; articles on stations and programming; verbatim transcripts of GH's weekly DX reports on DX Digest; "Don't You Believe..." compilations of broadcast and published errors; listeners' reviews of programming and recommendations; a summary of worthwhile programming on North American MW stations; full schedules of a changing variety of SW stations; and a special centre-schedule rotating month to month among "Stuff We Like", hour by hour schedule of recommended programs thruout the week on many stations, with frequencies; "DX Programs in English", exhaustive worldwide listing by time; and "Broadcasts in English Audible in North America Quick Reference List" arranged by country showing each season's new frequencies. How can you afford not to subscribe to RIB? Samples are \$1 in NAM (7 IRCs overseas airmail); 12-month subscriptions are \$12 by first class in NAM, \$13 surface elsewhere, \$16.50 AO airmail overseas. Remittances must be in US funds. Order from Glenn Hauser, University Radio WUOT, Knoxville TN 37916. There was so much demand for samples of the August issue that stocks were exhausted by 15/8. Requests received since then are being held for the Sept issue, to be mailed 12/9. In order to be assured of getting the Sept issue, it would be wise to enter your subscription immediately upon receipt of this FRENDX (gh)

London Calling Sept 1979 is a special 40-th anniversary issue, expanded to 32 pages, with many color illustrations, biographies of BBC personalities, repro of LC's first issue opening pages plus usual extensive program info and frequency skeds of the world's best radio station. I believe they offer free samples; this is certainly one to get. Try the BBC New York office at 630 Fifth Ave, 10020 (gh; Joel Rubin, CA)

ANARC 1979 Tape Sale Ten different cassettes lasting 50-60 mins of the main programs at the 1979 ANARC convention in Minneapolis are now available @ \$3 each. Send SASE for order form and list of topics, or order all ten at the discount rate of \$23. Please pay by check or money order in US; PMO in Canada; TMO elsewhere, payable to ANARC in US funds. Deadline for orders is September 30. Order from: Jeff White, ANARC P.R. Committee, 409 Laconia Lane, Schaumburg IL 60193 (White)

World DX News, Voice of Prophecy, Voice of Hope, Tuesday Night Special programs from AWR Portugal for a month will be sent for a 2-pound contribution to 123 Regent St, London W1 (AWR via Gordon Darling & Cec Taylor via WDXC Contact) Don't say if tape or transcript... That's 2 pounds per program series (gh)

Union of Asian DXers now welcomes new members due to regular publication and expanded (6-p) bulletin. Subs for 12 four-page (sic) issues is US\$5 outside SAs via airmail (Victor Goonetilleke, UADX, 32/4a Malwate Rd, Dehiwala, Sri Lanka) The June/July issue was mainly (5 p) MW & SW loggings by frequency with the emphasis on DX (gh)

Dateline America, a compilation of Charles Kuralt's best stories from the road, originally broadcast weekends on CBS Radio (and AFRTS -gh) has been published as a book by Harcourt Brace Jovanovich Inc.; 224 pages with 99 photos, \$10.95 (CBS)

Radio Experimenter, 1979 ed., annual by Elementary Electronics editors is out. Radio theory section contains several highly-informative articles, e.g. "Signal Propagation", "Technical Explanation of Superhets (with schematics)", discussion of "Sunspots". Also, very detailed technical and 'hands on' review of the McKay/Dymek R33C communications rx (Rufus Jordan, PA)

**LAST-MINUTE ITEMS**

**U S S R** R. Moscow anc'd 5/8 that 99% of talks & features had been withdrawn from 2nd half of each RMWS hour, now entirely music, and moved to 1st half hour following nx, at :10. Details on "Guide to Programmes" Fri 0410, 1010, 1610, 2010 (BBCMS 16/8) New sked of R. Moscú SP DX pgm to Spain: Thu 2215 15290 11870 11930 9520 9550 9785 1170; Fri 1845 17880 11870 11930 9550 9785; Sat 2020 17880 11850 11870 11930 9550 9780 (Receptor May-Jul) R. Kiev S79 EG: 2000-2030 9665 9560 6020. 0030-0100 17870 17845 15180 12060 11735. 0300-0330 17870 17760 15180 12000 11735 9655 9610 (via Steven K. Avent, OR)

**U S A** No trace here of NASWA DX net 19/8 1600 on 21365, when it was supposed to begin. Possibly skipping over, and a lower band would be better (gh)

**SWITZERLAND** Red Cross Broadcasting Service (via SRI xmters): 24 & 26 Sept & 29 & 31 Oct: 0600-0700 & 1130-1230 & 1700-1800 all on 7210 non-dir, 150 kW. Directionals: 25/9 Tue 0945-1015, 150 kW: 9560 260°, 15305 245°, 21695 50°, 21520 80°. Thu 27/9 0945-1015, 150 kW exc. 17830 (250 kW): 15430 200°, 17830 125°, 21520 170°, 21630 140° (PTT 10/77)

**SPAIN** R. Reloj, Barcelona, EAJ15 on 990 kHz has a 2-hr DX pgm (including mx) in SP, Sats 2100-2300, since 26/5, "Escuchando al mundo..." presented by Jaime Baguena-García (Receptor)

**PERU** Survey of active stns hrd c. 6/8 from Quito: 3240 América, 3330 Ondas del Huallaga at 0546, 3386 Difusora del Centro 0552, 3552 Dif. la Convención \*1105 & nite, 4790 Atlántida at 0600, 4825 LV de la Selva, 4854 new R. Pampas \*1055/0550\* nom 4855, 4860 Chinchaycocha, 4885 Huancavelica 0605+, 4896 Chanchamayo 0500\*, 4955 Cultural Amata \*1100, 4996 Andina 0500\*, 5025 Quillabamba 0300\*, 5040 Libertad de Junín 0500\*, 5050 Loreto (Jean-Jacques Bloch) R. Pampas says it plans to move to around 4900 (Steven Greenyer, NZ via Cushen, DXJB 2/8)

**NORWAY** (cf LN-3) R. Norway's SSB tests are in DSB or SSB (with suppressed and unsuppressed carrier) from a xmttr in Joleoy, relays of external service /including EG Sun/ (BBCMS 16/8)

**NIGERIA** The 3326 xmttr is 50 kW at Ikorodu, per NBC pub "The First 25 Years"; \*0430-2310\* (BBCMS 16/8) On 4932 R. Bendel = R. Benin City had local nx in EG 2300; s/off mentioned new fqs 648 kHz and 91.81 MHz, 2308\* (Bill Whitacre, Lansing MI, 16/8)

**NETHERLANDS/USA** Bruce Parsons, formerly of RN has moved to WPLP-570 with a Sat nite talk-show 7-9 pm (Gordon Byrd, FL) I think this is Pinellas Park FL, ex-WFSO daytimer (gh)

**KOREA NORTH** R. Pyongyang ES in KO to Japan & S. Korea: 6401 2000-1800, 6251 2000-0930 & 1500-1800; 3320 2000-1800, 3015 2000-0100 & 0300-0900 & 1500-1950 + many M's (BBC MS 7/79)

**IVORY COAST** Minfo says a plan to bring radio & TV to the whole country includes a SW center at Bingerville with 2 x 250 kW xmters (Fraternite-Matin 4/8 via AIP 6/8 via BBC MS 16/8)

**HUNGARY** Dkxer's Weekend on R. Budapest Sat 2100 & GMT Sun 0200 & 0300 xmsns goes fortnightly to 1/9, 15/9, 29/9 + following GMT Sats, alternating with "The Children Sing" (Budapest Int.) R. Budapest SP DX pgm Fris 2320 17710 15220 11910 9835 9585 6105 + GMT Sats on same at 0020 & 0120. (Asociación DX del Litoral) Changed to 15225, 9565. And since 3/7 the Tue & Fri DX pgm in Spanish is 5 mins later at 0405 (Vicente Bombardiere, ADXL Aug-Sep)

**GERMANY WEST** LW DX pgm in SP to SAM is Sun 2340 on 15105 11785 11810 11865 9545 9610 6100 6145, and GMT Mon 0310 on 11785 11865 11965 9545 9640 6075 6130 (ADXL Aug-Sep)

**ECUADOR** Survey of active stns hrd as of 6/8: 3320 (sic; should be 3220) HCJB \*0900/0300\*, 3252 LV del Triunfo \*1100/0300\*, 3260 R. Carrizal 0300\* irr., 3280 LV del Napo \*1000-1100\* & 0300\*, 3290 R. Amazonas \*1200/0300\*, 3315 R. Pastaza "LV de la Amazonia Ecuatoriana" \*1100/0400\*, 3350 R. Cenit \*1100-0300\*, 3380 R. Iris \*1130/0300\*, 3390 R. Zaracay \*1000/0300\*, 3985 Esc. Radíof. Pop. \*1000/0300\*, 4680 R. Nac. Espejo often 24h, 4767 CRE \*1100 nite, 4795 LV de los Caras nite, 4801 R. Popular 24h, 4820 Paz y Bien \*1150 + nite, 4850 Luz y Vida morn & nite, 4900 LV de Saquisilí \*1130v/2300v, 4910 Em. Gran Colombia morn & nite irr, 4920 R. Quito \*1000-0400\*, 4960 R. Federación \*1150 + nite, 4980 Ondas Azuayas \*1220 + nite, 5060 R. Progreso \*1100 + nite, 5950 R. Cuenca \*1130, (oops) 4870 Rio Amazonas \*1100v + nite. Inactive: LV de Esmeraldas (on SW); R. Tropical, Esmeraldas; Ondas Quevedeñas; R. Nacional, Quito (Jean-Jacques Bloch, Quito, Ecuador) HCJB has weird // setup for Quechua: 3220 0900-0930; 3220/6050 0930-1000. 9705/6050 0900-0930; 9705/6070 0930-1000 in German (Stu Klein FL)

**DENMARK** DR plans to install 2 x 500 kW /SW/ xmters to operate by 1983 (Héctor Oguich, ADXL)

**COSTA RICA** R. Noticias del Continente is TIRNR on 9490 2300-0500 & repeated on 9615 TIRN at 0530-1130 since 7/8 (E.P. Povrzenic, Argentina, 10/8) So no more 1800- xmsn? KGEI is on 9615 all-night (gh) TIRL pgms include 2300 pgm preview, 2315 Costa Rican Events, 2345 Past & Present of the C.A. Peoples, 0030-0100 World News, 0100 On the Paths of Lam, 0130-0200 The Awakening of Lam's Southern Cone, 0200-0300 & 0330-0400 World News, 0400-0415 Asia & Africa in the World, 0430-0445 The Past & Present of the Caribbean Peoples, 0445-0500 pgm preview (BBC)

**CLANDESTINE** (Cf LN-9) R. Capricorn raid led by Eric Getz. "Camberwick Green" is a young children's puppet TV pgm (SWNS) "WDAT" hrd on 6213.2 0556-0632\* 16/8, oldies, same addr as LN-9; if in FL, estimate 50-100 W. 1620.0 again active, 17/8 0005-0315\*, rock mx only, maybe in Westchester area; FCC agents were tracking it after 0230 (Robert L. Foxworth, NY)

**CHINA** R. Peking now 1300-1355 in EG on 17700 ex-17810 // 11710; OOB 8300 good in EG 1400-1455 (Robert Chester, SA, RA DX 5/8) To Nam 1200-1255 now good 15520, sometimes 17855 15270 (gh)

**CAMBODIA** VOKP ES anc'd that to cover the current session of the People's Revolutionary Tribunal dealing with members of the former regime, it would temporarily expand its foreign lang service from 15/8 to an hour each of EG, FR and Thai beginning at 0000 & 1200 (BBC 16/8)

**BRAZIL** R. Tupi do Rio is now on SW 6115; R. Clube de Rondonópolis, ZYE906 on 2480 is now on with regular programming (Emilio Pedro Povrzenic, Rosario, Argentina, 10/8) R. Tupi São Paulo 11765 is also hrd on 2nd harmonic 23530, as is R. Santiago, RGS, 1540, on 3080 (E.P.P.) ZYE906-2480's repeatedly anc'd addr is: Rua Fernando Correia da Costa 651, Edifício Dotor Vítor Hugo, 2º Andar, Rondonópolis MG (E.P.P., ADXL Aug-Sept) ZYJ238, R. Cultura, Foz do Iguaçu, plans to operate on 49m from 1980 with 10 kW to be increased to 50 kW; and 10 kW on 25 and 31m are also planned (Christián Saint Germain, Luís A. Saint Germain, Vicente Bombardiere, Emilio Pedro Povrzenic, who all visited the stn during a DX meeting, ADXL Aug-Sep)

**BOLIVIA** R. Aclo, 600 kHz, operates in net with R. Loyola de Sucre on 5995, in Quechua and SP, as "Nuestra Radio", hrd in the mornings when LV del Amambay, Paraguay is not on (Emilio Pedro Povrzenic, Argentina, 10/8)

**ARGENTINA** LT17, R. Provincia de Misiones, which was on 6110, has returned to its original Fq of 6160, now 1100-0100, not 24h (Povrzenic) LV19 R. Municipal de Malargüe since August just calls itself "R. Malargüe" and has joined the C.A.R. net, considerably changing the tone of its programming. It has not been possible to confirm whether this 1120 kHz stn also operates still on 6160 (Orlando Accurso, Rosario, ADXL) LRA34 R. Nacional Mendoza, 6180 is not 24h as in WRTH 79 but 0900-0500 (Vicente Bombardiere, ADXL) DX programs: LRL1 R. Univ. Nacional de La Plata, 1390, will soon have a DX pgm (Bombardiere) LT2, R. General San Martín, Rosario, 1230 kHz, now has a DX pgm every Fri at 0430 GMT, "Dixismo en 1230", produced by the Asociación DX del Litoral (ADXL Aug-Sept)

**ANTARCTICA** (Cf LN-7) 17/8 0745-0830 I was hearing American rock and country mx on 6012, with intervening talk in EG, but no ID at all. I would like to think this was AFAN McArdo but the xtr had carrier, not SSB as Australian DXers report. Could not find any cross-mod sources on 49m, and couldn't be an image on the FRG-7000. Might they be injecting some carrier for synchronizing purposes? All very tentative (Bob Rankin, Lawrence KS)

**AFGHANISTAN** (Cf LN-5) R. Kabul's first pgm in Pushtu & Dari obs 7/8 1330- on new 11900. And new 15280 obs from 1530, both to 1930\* //6225 from its 1745 fade-in (BBC MS 9/8) Still hrd, from approx s/on time of 0130 to 1930\* continuously, no Sat-Wed break at 0400-1030. 6230v and 4775 continue to be used but exact times not yet established. "The Pushtunistan programme" is at 1430-1530 in Pushtu and Baluchi. RA's ES is unchanged. R. Afghanistan reported agreement on USSR aid signed in Kabul 12/8, covering 4 xtrs and a telecomms terminal unit worth one million dollars (BBC MS 16/8)

## PROPAGATION EXPERIMENT (Cf Aug LN-15) A reminder of this event which ENAm DXers may participate in, sked for 14/9.

Any possible delay in the launching will be announced on WWV at :18 past the hour in the few days through 13/9. The most useful data submitted would be in the form of strip-charts; please do this if you have access to such a recorder. I will be away from the ITS office until January, so please be patient if it takes until then to issue acknowledgement certificates. However, another ex-NASWA member, Chris Brooks, will be taking my place in the interim and can respond to any specific inquiries. Envelopes should be marked "Propagation Experiment" to ensure they are not inadvertently forwarded to me as personal mail (Dave Sarrazin)

Notice: Launch has been delayed. Check WWV for further info. gh

## HOW TO READ LN

It is always my aim to include as much useful information as possible in the space available. This makes it necessary to use certain abbreviations, which I hope are easily figured out; but in case anyone is wondering I shall attempt to explain some of them here: Continental target areas: ENAm = eastern North America; C&SAF = central and southern Africa, and so on. ES = external service. DS = domestic service. obs = observed. OOB = out of band. Dates given in the text are meant to be the date of the actual reception/observation; those in the parenthetical credit (unlike LR practice) are meant to be the date of the reporter's letter (lacking the reception date) or the date of publication. (sic) means a datum is given here as submitted but is believed to be in error. "GMT" ahead of a day or date emphasizes that the 'local day', especially in NAM may be different. Commonly used language abbrs: EG = English, SP = Spanish, KO = Korean, AR = Arabic, etc. A time preceded by a \* means a sign-on time; if one follows the time, it is sign-off, but this is often omitted when it is obvious this is intended. Cf means you should compare the item to follow with one published elsewhere for a full understanding of its relevance/importance. The cross-references along the right-hand side of the column may seem bothersome, but allow you to easily find an item that should have been in a particular category (or more than one category) but was received too late. The bulk of LN must be done over a weekend, but it would be a shame to delay 'last minute items' until the following month when they can be appended before despatch of LN to the publisher on Tuesday. Strange as it may seem, everything in this large section is intended to be new info not previously published in LN. This explains why a certain item that you think is news and send in, is not used. If in doubt, please send it in anyway, and let me evaluate it. There is no specific deadline given because 1) it would be difficult to explain the complicated, changing system; and 2) newsworthy info should be sent in immediately so it can be broadcast on DX Digest (gh)

# QSL REPORT

Don't forget the Outing coming up on the 9th. For last minute information call (203) 274-1142...Sam.

Sam Barto  
NASWA QSL Editor  
245 Cherry Ave. J-11  
Watertown, CT. 06795



**ADMIRALTY ISLANDS:** R. Manus 3905 f/d "Map" cd. in 21 ds. for 1 IRC. (Moore-PA). in 36 ds. v/s Mr. J.D. Isinii, Station Manager. (Hensley-TX). in 24 ds. for 1 IRC. (Wallace-HI). (Wallace-JP).

**ALBANIA:** R. Tirana 11985 cd. & coin in 3 mo.

**ANTIGUA BBC** 6175 cd. in 6 wks. VIC #100! (Moore-PA).

**ARGENTINA:** R. El Mundo 6120 blue and white "Microphone" cd. w/ stickers in 1 mo. for a SP rpt. and 2 IRCs. (Moore-PA), same in 30 ds. for 1 IRC. (Wallace-HI). RAE 9690 cd. in 10 wks. for 1 IRC. (Moeller-ONT). R. Belgrano 11780 f/d cd in 68 ds. Sticker rcvd. (Klasek-MO). R. Riva-davia (LS5) 5882 f/d "Owls" cd. in 148 ds. for a SP rpt. and 2 IRCs. v/s Jorge Falcone, Gerente Tecnico. (Brouillette-MI).

**ASIATIC RUSSIA:** R. Moscow via Irkutsk on 15175 w/ f/d cd. in 5 mo. (Prisco-PA). via Kenka on 11960 in 45 ds. (Gliksman-IL). via Khabarovsk on 11720 in 17 ds. (Kremer-DE). via Petropavlovsk-Kamchatsky on 15180 w/ cd. in 6 wks. (Alexander-PA). 12030 in 17 ds. w/ f/d cd. (Kremer-DE).

**AUSTRALIA:** VLH9 9680 Lyndhurst f/d green "Map" cd. in 22 ds. for 1 IRC. (Klein-FL). VLW9 9610 Wanneroo "Map" cd. in 2 wks. for 1 IRC. (Dittrich-FL). VLW15 15425 Wanneroo cd. in 2 wks. (Dittrich-FL). VNG 12000 Lyndhurst cd. in 38 ds. for 1 IRC. (Hughes-MAN). VLQ9 9660 Brisbane "Map" cd. in 26 ds. for 1 IRC. (Schweikart-VA). VLR6 6150 Lyndhurst "Map" cd. in 3 wks. for 1 IRC. (Gliksman-IL). VL16 6090 Sydney cd. in 4 mo. (Mikell-IL). R. Australia 17795 via Shepparton w/ "Surfers" cd. in 16 ds. (Clifford-OK). same cd. for 9580 in 27 ds. for 1 IRC. (Fraser-MA). 17795 w/ "Dingo" cd. in 20 ds. (Scott-ONT). 17790 via Shepparton w/ f/d "Adelaide Festival Theatre" cd. in 18 ds. (Schlaugat-WI).

**AUSTRIA:** ORF 5945 f/d "Lovers" & "Modern Art" cds. in @ 35 ds. Stickers rcvd. (Klasek-MO). 9770 w/ "Adam" cd. in 10 wks. (Alexander-PA). 9770 w/ f/d "Art" cd. in 77 ds. for 3 IRCs. (McCants-LA).

**AZERBAIDJAN:** R. Moscow via Baku on 11920 w/ f/d cd. in 45 ds. (Gliksman-IL). in 5 wks. for a SP rpt. and 1 IRC. v/s Gertrudis Fiodorova. (Lazarus-LA).

**BELGIUM:** ORU-BRT 15190 f/d "Globe" cd. in 2 mo. (Johns-TN). 1715 ltr. & post cds. in 3 mo. for 1 IRC. (Miller-WV). 6080 in 70 ds. (Schlaugat-WI). 17745 ltr. in 36 ds. for 1 IRC. (Minor-AZ).

**BIAFRA (Nigeria):** Imo B/Cing Service 4755 via Owerri form ltr. in 40 ds. v/s J. Edohasim, Chief Engineer. (Klein-FL). same in @ 1 mo. (McDavitt-NY).

\* Stu says Owerri is definitely in the former Biafra State. What say Don for our official NASWA Country counting purposes?...Sam.

**BOLIVIA:** R. Fides 4845 post cd. w/ verie on reverse in 36 ds. for a SP rpt. and ms. v/s Eduardo Perez Ibarne, Director. (Moore-PA). same in 22 ds. for a SP rpt. and 1 IRC. (Fisher-MA).

**BOINAIRE:** R. Nederland 17810 f/d MA "Amsterdam" cd. in 33 ds. (Blankenship-WV). same w/ "Antenna" cd. in 2 wks. (Blankenship-WV). 17695 w/ f/d cd. in 20 ds. (Braga-MA). Could this be Lopik?...Sam.

**BRASIL:** Radio Bras 15280 ltr. in 6 wk from Reginaldo Azevedo. (Johns-TN) in 53 ds. (Sorensen-ONT). in 2 mo. for an EG rpt. and 2 IRCs. Sticker rcvd. (Dittrich-FL). 15280 and 15290 in 24 ds. w/ stamps and a personal ltr from above v/s (John-TN). 15290 cd. in 27 ds. for 1 IRC. (Dieckmann-MO). in 26 ds. for EG rpt. and 2 IRCs. (Wheeler-KS). R. Tupi 11765 PT/EG ltr. in 1 mo. for a PT rpt. Colorful stickers rcvd. (Barto-CT).

## ROME SHORT WAVE STATION 2RO WINTER SCHEDULE

2RO 4 - m. 25.4 - Kcs 11810 via H.W. Reeves

1:00 p.m. - Varied program relayed from Italian Stations - Daily  
2:30 p.m. - Mediterranean Countries - Daily  
3:00 p.m. - The Eastern Hour (in English) - Daily except Sundays  
5:25 p.m. - Italian East Africa - Daily

2RO 3 - m. 31.13 - Kcs 9635

6:30 p.m. - News bulletins - Daily except Sundays  
9:00 p.m. - Varied program relayed from Rome or Turin studios - Daily  
12 midnight - The American Hour (in English) - Mo, We, Fri (to 10 p.m. E.S.T.)  
12:20 a.m. - The South American Hour (in Spanish, Portuguese, & 20 p.m. E.S.T.)

News (in Italian - every day at 1:00-2:00-2:20-4:20-12:05-11 p.m., 12:20 a.m. in France - except Sundays at 6:30 p.m. (10 p.m. in Turkey)  
in German - \* \* \* \* \* at 7:00 \*  
in French - \* \* \* \* \* at 7:44 \*  
bulletins (in English - \* \* \* \* \* at 2:00 p.m.  
in Spanish - We, Fri, Sa. 1:30 a.m. Mo. Fri. 12:00 p.m.  
in Portuguese - We, Fri, Sa. 1:40 a.m.

All times given are Central European C.E.T. (6 hours ahead of Greenwich Mean Time). News bulletins in Japanese, Chinese and Hindi are broadcast at 12:00 p.m. E.S.T.

**BRASIL:** R. Aparecida 5035 f/d ltr. in 6 mo. for a PT rpt. & ms. v/s W. Fontanari, Gerente Geral. (Lazarus-LA). Rdf.  
 \* do Amazonas 4805 cd in 25 wks. v/s Expedito Monteiro, Dir de Programa. (Howard -CA). R. Iguatemi 3295 personal ltr. in 11 wks. for a PT rpt. v/s Joaquim Gutier Navarro Filho. (Barto-CT).  
 \* R. Cultura 3365 ltr in 3 wks. for a PT rpt. and ms. (Abraham-MI). R. Educaco Rural Santarem 4765 form ltr. in 138 ds. for a PT rpt. and 1 IRC. v/s Edinaldo Luiz da Mota. (Moore-PA). in 4 mo. for ms. (Lobdell-MA). R. Gazeta 5955, 9685 and 15325 w/ form ltr. in 5 wks. for a 76 reception. (Barto-CT). Rdf. de Pocos de Caldas 4945 ltr. in 2 mo. for a PT rpt. v/s Sebastiao Pinto Filho. (Barto-CT).

**BRUNEI:** R. TV Brunel f/d green "Map" cd. in 5 mo. for 3 IRCs. v/s S.K. Chong. Station will leave SW on Sept 1st this year. (Matthews-OH). same in 10 wks. (Abraham-MI). same in 11 wks for 1 IRC. (Klein-FL).

**BYELORUSSIA:** R. Moscow via Minsk on 15150 cd. in 30 ds. (Gliksman-IL). 15135 in 7 wks. w/ f/d cd. (Kohlbrener-PA). PA).

**CAMEROON:** R. Yaounde 9745 "Map" cd. in 5 wks. for 1 IRC. (Moore-CANADA). CKZU 6160 Vancouver f/d "Regional Center" cd. in 23 ds. for 1 IRC. v/s Frances H. Suchan. (Radcliff-IL).

in 3 wks. (Lobdell-MA). in 2 wks. (Moore-PA). in 16 ds. (Witte-CA). in 2 wks. (Gliksman-IL). in 12 ds (Hensley-TX). in 13 ds. for 1 IRC. (Wallace-HI). CKFX 6080 f/d "Super Country" logo cd. in 14 ds. for 1 IRC. v/s Jack Wieke. (Brouillette-MI). in 31 ds. for 1 IRC. (Radcliff-IL). in 8 ds (Witte-CA). in 10 ds. for 1 IRC. (Kohlbrener-PA). CHU 3330 "Fleming" cd. in 11 ds. (Schlaugat-WI) in 9 ds. (Forman-NY). CFRX 6070 cd. in 2 wks. (Witte-CA). CPCX 6005 cd. in 5 wks. (Leithner-TN). RCI 9535 "WARC" cd. in @ 1 mo. (Witte-CA).

**RAADIO JA TELEVISION**  
**TALLINN**  
**P. O. BOX 402**  
**ESTONIAN SSR**



MOCKBA  
 PA. IHO



VOICE OF AMERICA



**CANADA:** RCI 11845 "WARC" cd. in 20 ds. (Clifford-OK). 5960 in 3 wks.  
**CELEBES:** RRI Ambon 4865 f/d ltr. in 3 mo. for an (Dittrich-FL)  
 IN rpt. and ms. v/s T.H. Van Room. (Abraham-MI).  
**CENTRAL AFRICAN REP:** RTVC 5035 form ltr. in 1½ years  
 for a FR rpt. and ms. v/s J.A. Namagnina, Dir.  
 des Services Techniques. (Lazarus-LA).  
**CHILE:** RN 9560 "Mountain" cd. in 120 ds. (Johns-  
 ton-NY).  
**CHINA:** R. Peking 15060 "Viaduct" cd. in 17 ds. (Sorenson-ONT). 17680 cd. in 16 ds.  
 (Wallace-HI). 15115 cd. in 18 ds. (Klasek-MO).  
**COLOMBIA:** R. Guatapurí 4815 personal ltr. and pennant  
 in 143 ds. for a SP rpt. (Moore-PA). same in 6 wks  
 v/s Dalvis Larrazabal M., Corresponsal. (Barto-CT).  
 4818 w/ ltr. in 3 mo. for a SP rpt. and ms. Pennant  
 rcvd. (Leithner-TN). Ondas del Darien 6085 personal  
 ltr. in 5 wks. for a taped rpt. v/s Manuel Cardona  
 Agudelo, Director. (Lobdell-MA).  
**COSTA RICA:** TIRL 9610 R. Noticias del Continente f/d cd. in  
 3 wks. (Barto-CT). 9615 cd. in 15 ds. (Lattemann-WA).  
 TIPC 5055 f/d cd. in 16 wks. for 1 IRC. (Moeller-ONT). in  
 109 ds. for 1 IRC. v/s Mary Steele. (Dittrich-FL).  
**CUBA:** RHC 11930 geometric f/d cd. in 253 ds. (Dieckmann-MO).  
 11760 w/ same cd. in 125 ds. w/ pennant. (Minor-AZ).  
**CYPRUS:** CEC 9595 "Map" cd. in 30 ds. for 1 IRC. (Gliksman-IL).  
**CZECHOSLOVAKIA:** R. Prague 11990 "Cesky Sternberk Castle" cd. in 50  
 ds. (Minor-AZ). cd. in 30 ds. w/ pennant. (Klasek-MO).  
**DENMARK:** RD 15165 f/d "RadioHouse" cd. in 20 ds. for 1 IRC. (Hughes-  
 MAN). in 15 ds. (Scott-ONT). in 19 ds. for 2 IRCs (Kohlbrener-PA).  
**DOMINICAN REP:** RTVD 9505 cd. in 20 ds. for 2 IRCs. (Kohlbrener-PA).  
**ECUADOR:** HCJB 11915 w/ f/d "Jungle" cd. in 20 ds. (Schlaugat  
 -WI). 9745 w/ "Whistling Pot" cd. in 73 ds. (Minor-  
 AZ). "Clown Doll" cd. in 31 ds. (Minor-AZ). 9745,  
 15115 and 11915 w/ different cds. in 5 wks.  
 (Alexander-PA). 15115 in 24 ds. (Clifford-OK).  
 9745 cd. and pennant in 3 wks. (Kohlbrener-  
 PA). Ondas Azuayas 4980 f/d cd. and a pennant  
 in 2 mo. for a SP rpt. (Klein-FL). in 3  
 mo. for ms. v/s Dr. Jose A. Cardoso F., Gerente  
 General. (Lobdell-MA). CRE 4766 ltr. in  
 5 wks. v/s Leonor Pesantes A., Secretaria.  
 (Barto-CT). R. Quito 4920 cd. in 60 ds. for  
 a SP rpt. and 1 IRC. (Gliksman-IL). in 2 mo.  
 v/s Jose Almeida. (Klein-FL).  
**EGYPT:** R. Cairo 9475 "El Riffaie Mosque" cd. in  
 151 ds. for an EG rpt. (Dieckmann-MO).  
**ENGLAND:** BBC 11705 cd. in 49 ds. (Klasek-MO).  
**ESTONIA:** R. Tallinn 6085 f/d cd. in 78 ds. w/ pennants.  
**EUROPEAN RUSSIA:** R. Moscow via Moscow on (Klasek-MO).

РАДИО  
МОСКВА



261  
BRMB  
RADIO

12030 cd. in  
 34 ds. (Fras-  
 ser-MA). via  
 Tula 11950 &  
 12000 in 5  
 wks. (Klein-  
 FL). 17775  
 via Ryazan  
 in 5 wks.  
 (Klein-FL).  
 9795 via  
 Serpukhov in  
 1 mo. for 1  
 IRC. (Lazarus  
 -LA). 15400  
 via Moscow  
 in 62 ds.  
 (George-TX).

Radio  
EL MUNDO

Buenos Aires, ARGENTINA



VOFC QSL

郭文克画马，所画马以能兼得形神之妙，享誉中外

Major General (R.) Cheng Wen-kuang is an expert in horse painting. His painting possesses the exquisiteness of both appearance and spirit which has been well known internationally.

# Radio Nottingham

- FED. REP. OF GERMANY:** DW 11865 cd. in 53 ds. (Schlaugat-WI). 9545 cd. in 28 ds. w/ pennants, post cds and stickers. (Klasek-MO). R. Bremen 6190 f/d cd. in 79 ds. w/ stickers (Klasek-MO). in 5 mo. (Prisco)
- FINLAND:** R. Finland 15265 "Glass Making" cd. in -PA) 42 ds. (Dieckmann-MO). 15270 in 29 ds. for 1 IRC. (Dieckmann-MO). 15400 in 5 wks. w/ "Industry" cd. (Alexander-PA).
- FRANCE:** RFI 21595 "Art" cd. in 29 ds. (Minor-AZ). 21580 cd. and pennant in 23 ds. (Schlaugat-WI). same in 36 ds. for 2 IRCs. (Sorenson-ONT). 15360 cd. in 74 ds. w/ stickers & pennants. (Klasek-MO).
- FRENCH GUIANA:** FR3 3385 f/d "Map" cd. in 4 mo. for a FR rpt. and 1 IRC. (Smallwood-AL).
- GABON:** RTVG 4777 f/d "Map" cd. in 70 ds. for a FR rpt. and 2 IRCs. (Ewenstein-NY).
- GALAPAGOS:** La Voz de Galapagos 4810 f/d cd. in 38 ds. w/ pennant. (Klasek-MO). in 43 ds. (Hensley-TX).
- GEORGIA:** R. Moscow via Tbilisi on 11805 w/ f/d cd. in 45 ds. (Gliksman-IL). in 6 wks. (Abraham-MI).
- GREECE:** Voice of Greece 11730 f/d cd. in 9 wks. for 1 IRC. (Moeller-ONT). in 48 ds. (Klasek-MO). in 55 ds. (Shaffer-IN). 9515 in 2 mo. for 1 IRC. (Dittrich-FL).
- GUAM:** KTWR 11840 f/d cd. in 3½ wks. for ms. (Moore-PA). in 2 wks. w/ "Palm Trees" cd. for ms. (Gliksman-IL).
- HAITI:** 4VEH 11835 f/d "Childrens Choir" cd. in 102 ds. for 1 IRC. v/s Mrs. Edna Beachy. (Concannon-CA). same in 4 mo. for 1 IRC. (Miller-WV). 9770 in 7 mo. (McDavitt-NY). in 7 mo for an EG/FR rpt. for 1 IRC. (Leithner-TN).
- HAWAII:** WVVH 15000 f/d cd. in 12 ds. v/s C.L. Trembath, Engineer. (Dittrich-FL). 10000 in 19 ds. (Schlaugat-WI).
- HOLLAND:** R. Nederlands 9715 "Antenna Farm" cd. in 33 ds. for 1 IRC (Minor-AZ). Rcvd. 11 QSLs for 6165, 9590 in 29 ds. w/ several different cds. along w/ 100 pennants and 50 stickers. (Klasek-MO).
- HUNGARY:** R. Budapest 6105 cd. in 41 ds. (Klasek-MO). 15220 in 60 ds. w/ "Blue Danube" cd. w/ 5 pennants, key chains and stickers. (Klasek-MO). 9833 cd. in 43 ds. (Dieckmann-MO). 9835 f/d "Logo" cd. in 47 ds. for 1 IRC. (Eastman-TX). 9585 cd. and pennant in 92 ds. (Shaffer-IN). 17710 cd. in 31 ds. (Calderwood-CO). 11910 cd. in 34 ds. w/ pennant. (Klasek-MO). 11910 w/ f/d cd. in 72 ds. w/ station data. (Schlaugat).
- INDIA:** AIR 15335 f/d "Flora Fountain" cd. in 128 ds. for 2 IRCs. (Concannon-CA). 11810 w/ "Palace Mural" cd. in 6 mo. (Smallwood-AL). 11620 w/ "River Scene" cd. in 160 ds. (Gliksman-IL). "Tomb" cd. in 141 ds. (Johnston-NY). in 3 mo. (Braga-MA). "Deities" cd. in 159 ds. (George-TX).

1967

1972

## Radio LUZ Y VIDA

IN 09 31054  
4825 KLS. 63 MT.

AL Servicio de Dios La Patria y la Cultura

LOVA  
REPUBLICA



Avec les compliments de

l'Office de Radiodiffusion et Télévision du Bénin

**ORTB**

**LA VOIX DE LA REVOLUTION**

B.P. 366 - COTONOU (REPUBLIQUE POPULAIRE DU BENIN)

**IRAN:** NIRT 15084 cd. in 5 wks. for 1 IRC & EG rpt (Kohlbrønner)

**IRAQ:** R. Baghdad 9745 f/d "Map" cd. in 1 mo. w/ pennant for 2 IRCs. (Moeller-ONT) in 3 mo. for 1 IRC. (Dittrich-FL).

**IRELAND:** R. Concor International 6243 f/d ltr. in 6 mo. for 2 IRCs. (McDavitt-NY). \* Westside Radio f/d cd. in 6 mo. for 2 IRCs. Freq. 6280. (McDavitt-NY). Tnx for the HAP items!

**ISRAEL:** IBA 17645 f/d "Windmill" cd. in 53 ds. (Dieckmann-MO). in 58 ds. (Eastman-TX). 11655 in 43 ds. (Forman-NY). "Folk Dancing" cd. in 6 wks. (Johns-ITALY: RAI 9575 f/d "Castle" cd. in 5 1/2 mo. for 1 IRC. (Dittrich-FL). TN).

**IVORY COAST:** RTVI 7215 f/d cd. in 25 ds. for a PR rpt. and 3 IRCs. (Sears-OH). 11940 w/ "SWL" cd. in 1 mo. for EG rpt. and 1 IRC. C/V # 100! (Smallwood-JAPAN: R. Japan 17755 f/d "Doll" cd. in 35 ds. (Klasek-MO). 15105 in 23 AL). ds. (Johnston-NY). 17875 w/ same cd. in 16 ds. (Scott-ONT). in 20 ds. (Grenier-CA). 21640 "Noh Mask" cd. in 33 ds. (Alexander-PA).

**JAVA:** Voice of Indonesia 11790 f/d "Wayang Golek" cd. in 76 ds. for an EG rpt and 2 IRCs. (Ewenstein-NY). in 82 ds. w/ pennants and stickers. (Klasek-MO) in 57 ds. for 2 IRCs. (Dittrich-FL).

**KAZAKH:** R. Moscow via Alma Ata on 17850 cd. w/ pennant in 5 wks. (Klein-FL).

**KIRGHIZ:** R. Moscow via Frunze on 17825 and on 15535 in 5 wks. (Klein-FL).

**KOREA, DEM. REP:** R. Pwongyang 11535 f/d "Opera" cd. in 1 yr. and 4 mo. for 11 IRC. (Lazarus-LA). 9977 w/ cd. in 260 ds. for 1 IRC. (Hughes-MAN). cd. and pennant on my 5th try in 3 yrs. (Prisco-PA).

**KOREA REP OF:** R. Korea 9720 f/d "Childrens Choir" cd. in 43 ds. w/ pennants. (Klasek-MO). 9580 w/ cd. and pennant in 75 ds. for 3 IRCs. (George-TX). 11830 cd. & pennant in 51 ds. (Minor-AZ). 15570 w/ f/d "Farmers Band" cd. w/ pennant in 29 ds. (Braga-MA). 9580 cd. and pennant in 5 wks. (Schweikart-KUWAIT: R. Kuwait 12085 f/d folder cd. in 8 mo. for 1 IRC. (Smallwood-VA). AL). in 240 ds. for 2 IRCs. (Hughes-MAN). in 9 mo. (Sorensen-ONT).

**LATVIA:** R. Moscow via Riga on 15220 f/d cd. in 5 mo. (Prisco-PA).

**LITHUANIA:** R. Vilnius 7190 f/d "Logo" cd. in 105 ds. (Johnston-NY). 7215 w/ cd in 4 mo. for 1 IRC. (Dittrich-FL).

**LUXEMBOURG:** RL 15350 f/d cd. in 104 ds. (Klasek-MO). 6090 cd. in 4 mo. (Miller-MALAGASY: R. Nederlands 11740 f/d "Anniversary" cd. in 29 ds. (Shaffer-IN).

**MALTA:** Xandir Malta 9670 f/d ltr. in 90 ds. for 1 IRC. (Glikzman-IL). in 3 mo. (Mikell-IL). in 4 mo. v/s Victor Aquilina. (Prisco-PA).

**MEXICO:** R. Mexico 15430 f/d cd. and sticker in 47 ds. (Concannon-CA). 17765 w/ cd. and ltr. in 40 ds. v/s Jorge Haro Romero. (Dittrich-FL). XEU 6020 cd. in 4 mo. for a SP rpt. and ms. Large pennant rcvd. (Lazarus-LA). R. Universidad 9600 ltr. in 4 mo. for a SP rpt. and ms. v/s Ing. Santiago Avalos Zavala, El Jefe del Dept. Tecnico de Radio UNAM. (Lazarus-LA).

XEQM 6105 ltr. in 16 ds. for a SP rpt. & ms. v/s Mario E. Gonzales Peraza, Gerente Administradvo. (Leithner-TN).

Dear Mr. B.L. Curtwright.

This card verifies your reception of  
The Lebanese Broadcasting System, Beyrouth,  
on 21/1/70

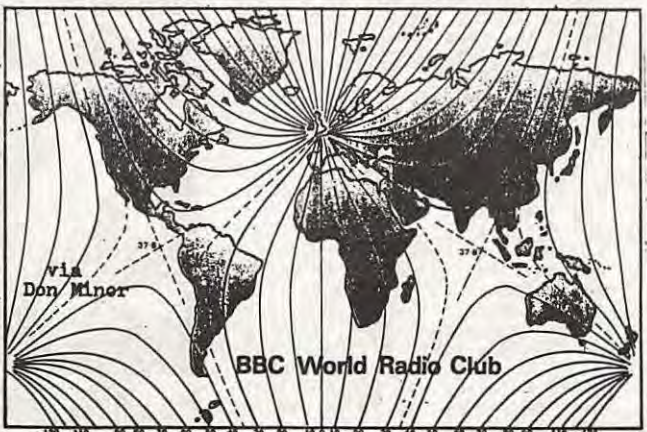
at 02:45 GMT

Frequency : 11790 Khz

Power : 100 Kw

Thank you !

(Signature - stamp)



Bearing of London East of North Bearing of London West of North

**MEXICO:** R. Educacion  
6185 f/d ltr. in 42  
ds. for a SP rpt. &  
ms. v/s Joel Herna-  
ndez S., Asst. Gen.  
Director. (Moore-PA).  
in 3 1/2 wks. (Barto-CT)

**MONACO:** TWR 7105 f/d cd.  
in 71 ds. w/ penn-  
ants. (Klasek-MO).  
9610 in 25 ds. for  
2 IRCs. (Moeller-ONT)

**MONGOLIA:** R. Ulan Bator  
6385 f/d blue and  
gold cd. in 4 mo.  
w/ pennant. (Wallace)

**MONTSERRAT:** BBC 9580 n/d  
cd. in 28 ds. (Shaff-  
er-IN). DW 11705 n/d  
cd. in 26 ds. (Klein-  
FL). in 39 ds. w/  
"50th Anniversary" cd. and postcards. (Hensley-TX).

**NEW CALEDONIA:** FR3 7170 f/d ltr. in 1 mo. for a FR rpt.  
and 3 IRCs. (Smallwood-AL). in 50 ds. (Witte-CA).  
in 5 wks. for 3 IRCs. (Matthews-OH). 11710 in 1 mo  
for 1 IRC and a FR rpt. (Wallace-HI).

**NEWFOUNDLAND:** CKZN 6160 cd. and ltr. in 30 ds. for 1  
IRC. v/s F.H. Holm. (Witte-CA).

**NEW ZEALAND:** RNZ 6105 f/d "Tourist" cd. in 84 ds. w/  
pennants and stickers. (Klasek-MO). 15345 in 3 wks  
for 2 IRCs. (Kohlbrener-PA). in 24 ds. (Johnston-  
NY). 17860 in 17 ds. w/ pennant. (Minor-AZ).

**NICARAGUA:** RN 5950 personal ltr. in 191 ds. for an EG  
rpt. and 1 IRC. v/s Orlando Meza Lira. (Desrosiers)

**NIGERIA:** RTV Kaduna 6090 f/d cd. in 1 mo. for an -MA)  
EG rpt. v/s Ladi Hassan. (Valko-PA). Voice of Nig-  
eria 7275 f/d cd. in 5 wks. v/s Kunle Oyegbola.  
(Johns-TN). 15185 cd. in 2 mo. (Moeller-ONT).

**NORWAY:** R. Norway 17755 f/d cd. in 67 ds. (Clifford-WA)

**PAKISTAN:** R. Pakistan 17830 cd. in 3 wks. for 2 IRCs.  
and an EG rpt. (Kohlbrener-PA).

**PANAMA:** HOXO La Voz del Istmo 2280 f/d  
EG ltr. from Bob Hall commenting  
\* about the reception on the harmon-  
ic frequency. (Smallwood-AL). Nice!

**PAPUA NEW GUINEA:** P2T11 11880 "Map" cd  
in 14 ds. for 1 IRC. (Witte-CA).  
4890 f/d cd. in 24 wks. for 1 IRC.  
(Klein-FL). in 18 ds. w/ pennant.  
(Johns-TN). R. Morobe 3220 f/d cd.  
in 24 wks. via Boroko for 1 IRC.

\* (Klein-FL). R. Southern Highlands  
3275 cd. and ltr. in 66 ds. for 1  
IRC. Pennant rcvd. (Klein-FL). Rcvd  
second QSLs in response to my foll-  
ow rpts. to the Papuan stations.  
Very nice of them. (Klein-FL).

**PERU:** R. Victoria 6020 f/d cd. in 101  
ds. for a SP rpt. and ms. Addr:  
Av. Tacna 225, 4 piso, Lima. (How-  
land-CA).

**POLAND:** Polskie Radio 9525  
cd. in 51 ds. (Dieckmann-MO). f/d  
cd. in 5 wks. w/ 15 different sti-  
ckers. (Klein-FL). 15120 cd. in 43  
ds. (Schlaugat-WI). in 5 wks. for 2  
IRCs. (Kohlbrener-PA). in 150 ds.  
(Witte-CA). 11815 w/ "Sailboat" cd  
in 75 ds. (Byron-NY). 11815 and  
15120 in 1 1/2 mo. w/ pennant. (Matt-  
hews-OH). 15120 in 33 ds. for 1  
IRC. (Dye-MO).

**REMEMBER THE DATE - SEPT. 9th NEADKO**



**NEADKO SEPT 9th**

We are pleased to verify your report  
on reception of CBC NORTHERN  
Service.

|           |             |
|-----------|-------------|
| STATION   | CKLP        |
| FREQUENCY | 9.585 Mc/s  |
| DATE      | March 18/60 |
| TIME      | 2115 EST    |

Thank you for your interest.  
*[Handwritten signature]*

CHIEF, VISION ENGINEERING  
CANADIAN BROADCASTING CORPORATION  
NORTHERN SERVICE, P.O. BOX 224, OTTAWA



**PORTUGAL:** R. Portugal 11935 f/d "Sunflower" cd. in 24 ds. (Wallace-HI). 17805 w/ "Map" cd. in 15 wks. (Klein-FL).

**ROMANIA:** R. Bucharest 9570 f/d "Cumpana Chalet" cd. in 96 ds. (Shaffer-IN). in 110 ds. (Gliksman-IL). in 93 ds. w/ pin and stickers. (Klasek-MO). w/ f/d "Lake" cd. in 3½ mo. (Braga-MA). in 91 ds. w/ "Bran Castle" cd. (Johnston-NY). in 7 mo. (Ditt-

**SEYCHELLES:** FEBA 11860 n/d cd. in 61 ds. rich-FL). for 3 IRCs. (Sorensen-ONT). 15405 in 27 ds. for 1 IRC. (Dittrich-FL). (Prisco-PA).

**SICILY:** RAI 7175 via Caltanissetta f/d cd. in 2 mo.

**SOLOMON ISLANDS:** SIBC 9545 f/d "Emblem" cd. in 2½ mo. for 1 IRC. (Leithner-TN). in 73 ds. for 2 IRCs. (Ewenstein-NY). in 24 ds. for 2 IRCs. (Scott-ONT).

**SOUTH AFRICA:** R. RSA 5980 f/d "Basotho Hunters" cd. in 12 ds. w/ pennant. (Calderwood-CO). 9585 w/ "King Fisher" cd. in 24 ds. (Schlaugat-WI). 25790 w/ f/d "Table Mountain" cd. in 27 ds. for 1 IRC. (Fraser-MA).

**SPAIN:** REE 9630 cd. and pennant in 1 mo. (Kohlbrener-PA). 11880 f/d "Islas Baleares" cd. in 75 ds. (Schlaugat-WI). "Ibiza" cd. in 27 ds. (Dieckmann-MO).

**SRI LANKA:** VOA Colombo 11760 f/d cd. in @ 1 mo. (Klein-FL).

**SUMATRA:** RRI Medan 4764 f/d cd. and ltr. in 1 mo. for an IN rpt. v/s Cornell R.H. Tobing B.A. Station Chief. C/V #1571 (Abraham-

**SWEDEN:** R. Sweden 15275 f/d "Map" cd. in 11 ds. v/s Kristina MI). Rein. (Semsky-IN). 15290 cd. in 12 ds. w/ pennant and stickers. (Klasek-MO). 11705 in 15 ds. v/s Elsie Segerstrale. (Forman-NY). in 23 ds. w/ "Linne" cd. (Schlaugat-WI). in 2 wks. (Matthews-OH).

**SWITZERLAND:** SRI 21570 f/d "jungfrau" cd. in 55 ds. (Dieckmann-MO). in 28 ds. w/ "Fribourg" cd. (Dieckmann-MO). 15130 in 2 mo. for USB reception (Leithner-TN). 15305 w/ f/d "Mountain" cd. in 23 ds. for 2 IRCs. (Semsky-IN). 21520 in 46 ds. (Forman-NY). 11715 in 35 ds. (Schlaugat-WI). in 60 ds. for 1 IRC. (Dishman-ME).

**NOTE:** To Ron Howard... The form letter that many of us have been receiving from the DW is nothing new. The DW has been replying to many of us in the same manner.

**RADIO NACIONAL**  
Quezaltenango  
Guatemala C.A.

**T G O B**  
11700 kc. 11700 kc.

**R H K**

Radio Hong Kong  
QSL from 1970



**NEADKO UPDATE:** Since last issue the following people have expressed a desire to attend the outing: Mark Zimrowski, Jon Cohen, Ken Compton, Roly Desrosiers & family, Bruce Johnston, HAP Chairman Wayne Davis, Bob Anderson, Bill Yohana, Bob Pierce, Doug Irwin, Al Zacharya, Dave Valko, Don Moore, Jeff O'Donnell, Brett Saylor, Doug Wicks, Ruth Hesch, Bruce Ewenstein and Larry Lorz and family. Just to remind you, these people may also attend: Gregg Peters, Joe DiLeo, Bob Wirrell, Bill Oliver, Gregg Bares, Steve Leite, John Kapinos, Nick Pappas, John Herkimer, Charlie Hoffman, Dave Twigg, Steve Porter, Bill Campbell, Dick Utter, Ken Villone, Dan Jakubowski, Dick Downey, Jim Douglass, Dan Frisco, Al Sizer, Al Muick, Dave Koskovich, Mike Agner, Vlad Cucura, Al Plotnick, Bob Butterfield, Leslie Byron, Gerry Bishop, Charles Schanzer, Mike Lev, Tom Farmerie, and John Zondlo. Many in this second group are bringing their families. For last minute information, call me at 1-(203) 274-1142.



OLR · RADIO PRAHA · QSL

**THAILAND:** R. Thailand 9655 f/d "Grand Palace" cd. in 1 mo. for 1 IRC. (Smallwood-AL). A medium wave QSL rcvd. by Mike Hardester list the v/s as: Ramyong Sakornpan, Chief of External Services... Thank you Mike... Sam.

**TURKEY:** Voice of Turkey 11955 f/d cd. in 5 wks. w/ pennant. (Moeller-ONT).

**TURKEMEN:** R. Moscow via Ashkhabad on 15195 f/d cd. in 6 wks. for a SP rpt. & 1 IRC. v/s Gertrudis Fiodorova. (Lazarus-LA).

**UGANDA:** UBC 15325 f/d cd. in 1 mo. (Witte)

**UKRAINE:** R. Kiev 17870 f/d cd. in -CA). 69 ds. (Concannon-CA). 11790 in 73 ds (Johnston-NY). R. Moscow via Kiev on 11770 in 17 ds. (Kremer-DE). via Lvov on 9700, 11750 and 11780 in 17 ds. (Kremer-DE). via Ivano-Frankovsk on 9655 in 6 wks. (Alexander-PA).

**URUGUAY:** R. Carve 6155 personal ltr. in 5 wks. v/s Graciela Corradi (Lobdell-USA).

**USA:** WINE 15185 f/d cd. in 15 ds. MA). (Clifford-OK). VOA Dixon 26095 cd. in 1 mo. (Valko-PA). AFRTS Dixon 17765 f/d cd. in 121 ds. (Brouillette \* -MI). WQRQ 27085 ltr. and cd. in 1 wk. (Valko-PA).

We are glad to have your reception report on our programme transmitted on 2460 kHz at 1140 hours- 1200 hours G.M.T. dated Jan. 25, 1979.

Your further reception reports on our broadcasts are welcome.

Yunan People's Broadcasting Station

# Northern Service



Service du Nord

Hope to meet all of you here in Watertown on the 9th of September



# MCJA

## DIE STIMME DER ANDEN

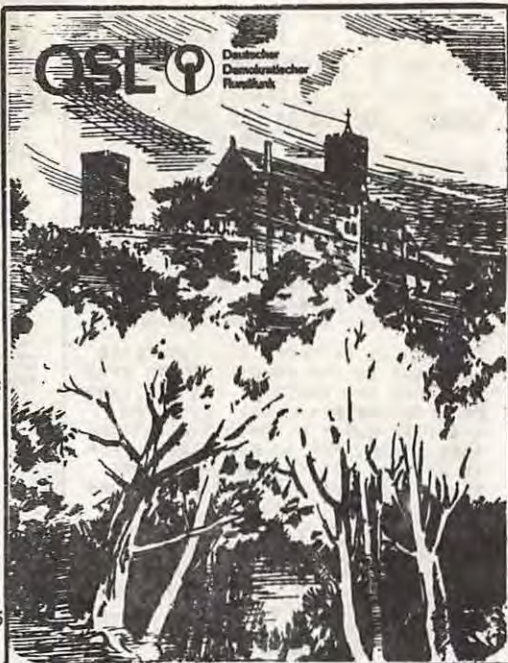
**USA:** WWV 10000 f/d cd. in 6 ds. (Schlaugat-WI). KGEI 9615 cd. in 28 ds. for ms. (Wheeler-KS) 15280 cd. in 55 ds. (Shaffer-IN). UNR Greenville 15225 cd. in 92 ds. (Shaffer-IN). 15410 blue and white "Logo" cd. in 101 ds. (Dieckmann-MO).

**USSR:** R. Moscow 11720 f/d cd. in 30 ds. w/ pin and stamps. v/s Mrs. Clara Slovina, NA Ser (Byron-NY). in 34 ds. (Scott-ONT). 11750 f/d cd. in 1 mo. (Sears-OH). 9490 cd. in 72 ds. (Dieckmann-MO). 31mb. cd. in 29 ds. (Dieckmann-MO).  
When writing to Radio Moscow don't forget to request that they list the transmitter sites on your QSL...Sam.

**VATICAN:** Vatican Radio 6015 cd. and penant in 3 wks. for 2 IRCs. (Kohlbreuner-PA). f/d "Antenna" cd. in 16 ds. (Kremer-DE). same cd. for 11845 in 15 ds. (Dieckmann-MO). 9605 w/ f/d "Chapel" cd. in 8 ds. for 1 IRC. (Moeller-ONT).

**VENEZUELA:** R. Rumbos 4970 f/d cd. in 6 mo. for a SP rpt. and 1 IRC. (Dittrich-FL). R. Yaracuy 4940 f/d "Logo" cd. in 195 ds. for a SP rpt. and 1 IRC. v/s Freddy Pino. (Dittrich-FL). YVTO 6100 f/d "Ministerio de la Defensa" cd. in 32 ds. for an EG rpt. and ms. v/s Jesus A. Escalona. (Leithner-TN). R. Nacional 15400 f/d "Caracus Hut" cd. in 1 mo. for 1 IRC. (Smallwood-AL). R. Universo 4880 white & green "Globe" cd. in 21 wks. for a SP rpt. and 1 IRC. (Alexander-PA). Ecos del Torbes 4980 f/d ltr. in 28 ds. w/ pennant and stickers and a few calendars. (Klasek-MO). R. Juventud 4900 cd. in 5 mo. for a SP rpt. and 2 IRCs. (Moeller-ONT) in 19 wks. for a SP rpt. and 1 IRC. (Alexander-PA).  
**VIETNAM:** Voice of Vietnam 10040 f/d ltr. w/ station seal in 150 ds. Stamps rcvd. (Witte-CA).

same along w/ post cards, magazines in 35 ds. (Scott-ONT). 15008 f/d cd. in 3 mo. for 2 IRCs (Sears-OH). 15012 f/d ltr. in 61 ds. w/ pennant (Klasek).



TO RADIO:

Wir bestanden Ihren Empfangsbericht ein. Wir sind Ihnen dankbar für Ihre Mitteilung.

Wir senden unsere Programme auf folgenden Frequenzen:  
Our transmitting stations are:

Mittelwelle Medium wave AM:  
586 kHz/kc = 530,0 m 100 kW  
1484 kHz/kc = 202,2 m 5 kW  
Ultrakurzwellen/VHF-FM: 88,75 MHz/Mc 60 kW ERP  
92,4 MHz/Mc 60 kW ERP  
96,3 MHz/Mc 20 kW ERP

Fernsehen - Television:  
Kanal 7 - Channel 7 (CCIR)  
Bild - Vision 189,25 MHz/Mc 100 kW ERP  
Ton - Sound 194,75 MHz/Mc 10 kW ERP  
Kanal 39 - Channel 39 (CCIR)  
Bild - Vision 616,25 MHz/Mc 200 kW ERP  
Ton - Sound 620,75 MHz/Mc 20 kW ERP



# BERLIN - WEST

**VIETNAM:** VOY 15012 ltr. and pennant in 3 mo. for 1 IRC (Kohlbrener-YUGOSLAVIA: R. Yugoslavia 9620 PA) 1/d cd. in 4 mo. for 1 IRC. & an EG rpt. (McDavitt-NY).  
**ZIMBABWE-RHODESIA:** RBC 3306 1/d "Map" cd. in 2 mo. (Valko-PA).

**NOTES:** J. Humiwell of 188 Chestnut Dr., Barnegat, NJ 08005 would like to contact someone who could supply him with EG and SP aerogram reception report forms. Any help? Also he would appreciate any tips from our members on verifying Radio Nacional del Peru and the Solomon Islands.

This month we had @ 103 countries reported to the column. That's very good for the start of the DX season. Keep up the great work gang. We also ran quite a few illustrations this month. Had to get them in now as my page allocations will more than likely be cut back during the coming months...Sam.

**HAP BID ITEMS:** I had to rush this column a bit with the outing coming up and vacation. The winners of the August bid items will be announced in the October issue. You still have time to get your bid mailed in. After the outing on the 9th we will once again be starting a new fund-raising effort for HAP. We will be mailing over 1500 letters to radio stations throughout the world during the month of September. This figure should double prior to the XMAS season. As you see there will be hundreds of new items to sell and bid upon for next year.

73's

# NSB

## JAPAN

(1ST PRO.)

JQZ 3.925Mc  
 JQZ 6.055Mc  
 JQZ 9.595Mc

JQZ 3.945Mc  
 AMS 30 8 00  
 PMS 00 17 58

(2ND PRO.)

JQZ 3.945Mc  
 JQZ 7.230Mc  
 JQZ 9.780Mc  
 AM10.00 PM2 00

10K W

10K W  
SAPPORO

10K W



• TO MAKE CHRIST KNOWN TO AFRICA •



QSL on 15,085 mcs, of 1700 GMT  
 on August 24, 1960

Remarks: This service is used for the  
Congo and E. Africa

BOX 192 • MONROVIA LIBERIA • SUDAN INTERIOR MISSION



Prefectura Apostólica de Galápagos



H C V G S  
 Onda Corta 4.810 Kes.  
 5.000 Wts. de Potencia  
 TELEFONOS:  
 Quito - 511-189  
 232-700  
 Guayaquil - 393-508

**RADIODIFUSORA LA VOZ DE GALAPAGOS INTERNACIONAL**

PUERTO BAQUERIZO  
 ISLA SAN CRISTOBAL  
 EN LA PROVINCIA MAS JOVEN DEL ECUADOR

MENSAJE DE DIOS, PATRIA Y CULTURA



• Editor: Myron Smith  
 36 Ogden Ctr. Rd., Spencerport, NY 14559

| SOUTH AMERICA          |     |     |    |    | SOUTH AMERICA |                          |     |     |    |    |             |
|------------------------|-----|-----|----|----|---------------|--------------------------|-----|-----|----|----|-------------|
| REPORTER/LOCATION      | C/H | C/V | CH | CV | BEST          | REPORTER/LOCATION        | C/H | C/V | CH | CV | BEST        |
| 1 James Young, Calif   | 222 | 207 | 14 | 13 | Galapagos     | 46 Albert Cannon, NC     | 171 | 146 | 14 | 10 | Demerara    |
| 2 John Tuchschr, Wis   | 220 |     |    |    | Galapagos     | 47 Hadley Cress, Va      | 171 | 7   | 13 |    |             |
| 3 Irving Johnson, Cal  | 219 | 72  | 14 | 2  | Cayenne       | 48 Charles Wootten, It   | 170 | 141 | 10 | 9  | Huila       |
| 4 Dan Henderson, Md    | 218 | 203 | 14 | 14 | Pu Martnz     | 49 Martin Foltz, Mich    | 170 | 120 | 13 | 11 | Andina      |
| 5 Sam Barto, Conn      | 216 | 206 | 15 | 14 | R Centro      | 50 Don Moore, Pa         | 170 | 103 | 13 | 9  | Brazil      |
| 6 Richard Pistek, Ill  | 215 | 211 | 14 | 14 | Galapagos     | 51 Terry Krueger, Fla    | 170 | 98  | 12 | 6  | SODRE       |
| 7 Ernie Behr, Ont      | 215 | 195 | 14 | 14 | Galapagos     | 52 David Sarrazin, Col   | 167 | 107 | 13 | 6  | Cayenne     |
| 8 Bob Padula, Austria  | 214 | 206 | 13 | 11 | Encarnacn     | 53 Jerry Lineback, Ill   | 164 | 100 | 13 | 9  | Maranhao    |
| 9 Al Sizer, Conn       | 212 | 209 | 15 | 14 | Charitas      | 54 Brett Saylor, Pa      | 164 | 86  | 13 | 4  | Nac Braz    |
| 10 Bill Sparks, Calif  | 211 | 206 | 14 | 14 | Encarnacn     | 55 Ben Radcliff, Ill     | 161 | 98  | 12 | 11 | Fides       |
| 11 Marlin Field, Mich  | 211 | 205 | 14 | 14 | Tigres        | 56 Robert Wiles, W Va    | 160 | 126 |    |    |             |
| 12 Edward Shaw, Ky     | 210 | 199 | 13 | 13 | Pu Martnz     | 57 Bob McCoy, Nebr       | 160 | 81  | 14 | 8  | America     |
| 13 Alan Mayer, Ill     | 209 | 185 | 15 | 14 | Galapagos     | 58 Neal Kolb, Fla        | 160 | 75  | 14 | 4  |             |
| 14 Edward Kusalik, Ont | 208 | 181 | 13 | 10 | Demarara      | 59 David D'Angelo, Pa    | 158 | 13  |    |    |             |
| 15 Bill Whitacre, Mich | 208 | 181 | 14 | 11 | Crve Urgy     | 60 Dave Twigg, Conn      | 155 | 100 | 10 | 5  | Carora      |
| 16 Paul Routenburg, Ot | 206 | 168 |    |    | Dimension     | 61 Michael Salay, Ohio   | 154 | 90  | 10 | 4  | YVTO        |
| 17 Roger Legge, Va     | 205 | 179 | 14 | 14 | Galapagos     | 62 Dave Valko, Pa        | 154 | 86  |    |    |             |
| 18 Jerry Berg, Mass    | 204 | 197 | 14 | 14 | Surinam       | 63 Dan McCarthy, Fla     | 151 | 128 | 13 | 10 | Galapagos   |
| 19 Albert Garrou, Ill  | 203 | 167 | 13 | 10 | Coro          | 64 Andre Pineault, Que   | 151 | 124 | 10 | 8  | Cayenne     |
| 20 Dan Robinson, DC    | 203 | 167 | 13 | 12 |               | 65 Michael Agner, Mass   | 151 | 88  | 12 | 7  | Pu Martnz   |
| 21 Serge Neumann, Ind  | 201 | 183 |    |    |               | 66 Charley Hoffman, Pa   | 150 | 120 | 12 | 6  | Rad'fonica  |
| 22 Myron Smith, NY     | 201 | 165 | 14 | 12 | Paraguay      | 67 Paul Buer, Fla        | 149 | 125 | 11 | 9  | Cayenne     |
| 23 Al Niblack, Ind     | 200 | 130 |    |    |               | 68 Robert Smith, NJ      | 149 | 96  | 12 | 3  | Combeima    |
| 24 Jim Fedor, Calif    | 200 | 126 | 14 | 6  | Surinam       | 69 Niel Wolfish, Ont     | 148 | 105 | 12 | 6  | Tigre       |
| 25 Victor Jaar, Que    | 198 | 4   |    |    | Surinam       | 70 Mitchell Taylor, Ga   | 148 | 99  | 13 | 8  | Espectador  |
| 26 Alan Roth, NY       | 197 | 181 | 14 | 13 | Surinam       | 71 Jeff O'Donnell, Pa    | 148 | 81  | 10 | 6  | Surinam     |
| 27 Al Miller, Ohio     | 196 | 181 | 14 | 12 | Surinam       | 72 John Lackmann, Va     | 148 | 11  | 14 | 1  | HCJB        |
| 28 Gerald Bishop, Pa   | 196 | 147 | 14 | 12 | D Pacific     | 73 Henry Lazarus, La     | 146 | 137 | 13 | 13 | Eco         |
| 29 Neal Perdue, Ala    | 196 | 55  |    |    |               | 74 Bill Reynolds, NY     | 146 | 93  | 8  | 4  | Bar Simanto |
| 30 Tom Gavaras, Minn   | 191 | 155 | 13 | 11 | Galapagos     | 75 Tom Overcamp, SC      | 145 | 122 | 13 | 8  | Cruz Sur    |
| 31 Larry Abraham, NY   | 189 | 158 | 13 | 10 | Cultura       | 76 John Hunivell, NJ     | 145 | 120 | 13 | 9  | Espectador  |
| 32 Joe DiLeo, Conn     | 187 | 166 | 14 | 13 | Pastaza       | 77 Brian Alexander, Pa   | 145 | 69  | 11 | 5  | Bucaramanga |
| 33 Mike Ryan, Calif    | 187 | 157 |    |    | Galapagos     | 78 Douglas Wicks, Pa     | 143 | 97  |    |    |             |
| 34 Chris Lobdell, Mass | 182 | 169 | 13 | 12 | Galapagos     | 79 Brian Cartwright, Pa  | 142 | 38  |    |    |             |
| 35 Andy Robins, Mich   | 182 | 129 | 13 | 10 |               | 80 Ralph Alm, BC         | 141 | 98  |    |    |             |
| 36 Ron Howard, Calif   | 181 | 153 | 13 | 11 | Demerara      | 81 Lauren Ware, Va       | 141 | 49  | 7  | 2  | Nac Brazil  |
| 37 John Fisher, Ont    | 178 | 136 | 13 | 10 | Timbira       | 82 James Smallwood, Al   | 140 | 97  | 12 | 10 | Guyana      |
| 38 Kent Willis, Ky     | 176 | 134 |    |    |               | 83 James McClure, Ky     | 140 | 77  |    |    |             |
| 39 Jim Uerlings, Ore   | 176 | 15  | 11 | 1  |               | 84 Conrad Richardson, Va | 140 | 11  | 14 |    | Paraguay    |
| 40 John Sgrulleta, NY  | 175 | 175 |    |    | Paraguay      | 85 Vladimir Scucura, Pa  | 139 | 71  |    |    |             |
| 41 John Herkimer, NY   | 175 | 157 | 13 | 12 | Galapagos     | 86 Woody Seymour, NC     | 138 | 111 |    |    |             |
| 42 Troy Gower, Ill     | 175 | 143 |    |    |               | 87 Greg Ravenhorst, Mn   | 138 | 100 |    |    |             |
| 43 Steven D'Adolf, Mas | 174 | 141 |    |    |               | 88 Allan Courtney, Ky    | 138 | 53  | 13 | 4  | Sutatenza   |
| 44 Bobby Hobbs, NC     | 173 | 104 | 8  | 4  | Quito         | 89 Ira Teitelbaum, NJ    | 137 | 132 | 12 | 11 | Galapagos   |
| 45 Albert Muick, Pa    | 172 | 118 | 14 | 10 | Demerara      | 90 Bill Harms, Wash      | 137 | 81  | 10 | 3  | Bras        |

| SOUTH AMERICA            |     |     |    |    | SOUTH AMERICA |                            |     |     |    |    |           |
|--------------------------|-----|-----|----|----|---------------|----------------------------|-----|-----|----|----|-----------|
| REPORTER/LOCATION        | C/H | C/V | CH | CV | BEST          | REPORTER/LOCATION          | C/H | C/V | CH | CV | BEST      |
| 91 Jim Douglass, Pa      | 136 | 108 | 13 | 9  | Galapagos     | 147 Dale Bohlke, Minn      | 93  | 72  |    |    |           |
| 92 Steve Kennedy, Fla    | 136 | 92  | 10 | 7  | Guyana        | 148 Chris Leithner, Tenn   | 92  | 76  | 9  | 5  | Cultura   |
| 93 Stephen Pitts, Ore    | 135 | 107 | 8  | 7  | Guyana        | 149 Hans Johnson, Tex      | 91  | 65  |    |    |           |
| 94 David Margritz, Neb   | 134 | 82  | 10 | 5  | Guatapur      | 150 Lenny Saar, Ill        | 91  | 31  |    |    |           |
| 95 Dan Prisco, Pa        | 133 | 107 | 13 | 11 | Galapagos     | 151 William McDavitt, NY   | 88  | 74  | 6  | 3  |           |
| 96 Mac Leonhardt, Ind    | 133 | 70  |    |    |               | 152 Gene Eastman, Tex      | 87  | 38  |    |    |           |
| 97 Roly Desrosiers, Ms   | 132 | 105 | 13 | 8  | Cayenne       | 153 Chris Pygott, Ont      | 86  | 64  | 7  | 3  | Argen Nac |
| 98 Philip Wala, Calif    | 132 | 97  | 11 | 8  | Espectadr     | 154 Mickey Delmage, Men    | 85  | 78  | 7  | 6  | Galapagos |
| 99 Stephen Porter, Con   | 132 | 66  |    |    |               | 155 Edward Stroh, Ill      | 85  | 68  | 8  | 2  | Ecuador   |
| 100 George Link, Calif   | 131 | 90  |    |    |               | 156 John Sillings, NY      | 84  | 71  | 7  | 4  | Yaracuy   |
| 101 Scott Newman, Ill    | 130 | 90  | 13 | 7  | Espectadr     | 157 Arnold Lausevich, Wsc  | 82  | 67  |    |    |           |
| 102 Robert Fleck, Ill    | 128 | 100 | 11 | 7  | Demerara      | 158 Robbie Berezowski, Alt | 82  | 61  | 6  | 2  | Rumbos    |
| 103 Terry Colgan, Tex    | 128 | 38  | 12 | 2  | Cayenne       | 159 Jackie Cole, Colo      | 81  | 56  | 8  | 3  | Chile     |
| 104 Edward Pyatt, Pa     | 125 | 114 |    |    | Action        | 160 Dave Maxfield, Mich    | 79  | 7   |    |    | Argentina |
| 105 Brian Mooney, Ont    | 125 | 90  | 10 | 4  | Surinam       | 161 Clarence Wilson, Tex   | 78  | 58  |    |    |           |
| 106 Mike Hardester, Okla | 124 | 114 | 10 | 9  | Cayenne       | 162 Bill Leal, Ont         | 78  | 53  |    |    |           |
| 107 Adam Gaffin, Mass    | 123 | 80  |    |    | Turismo       | 163 Bill Algeri, Pa        | 77  | 57  | 6  | 4  | Venezuela |
| 108 Larry Edelstein, NY  | 123 | 27  | 10 | 2  | Argentina     | 164 Greg Danylchenko, Ont  | 76  | 63  |    |    |           |
| 109 Kevin Mikell, Ill    | 121 | 95  | 12 | 10 | Amazonas      | 165 Roger Reini, Tex       | 74  | 37  |    |    |           |
| 110 Robert McIntosh, Ont | 121 | 75  |    |    |               | 166 Kevin Meyer, Peru      | 73  | 61  | 15 | 14 | Falkland  |
| 111 Terry Moon, Calif    | 121 | 72  | 11 | 3  | Peru          | 167 Jim Green, Ala         | 73  | 60  |    |    |           |
| 112 Baxter Hensley, Tex  | 120 | 101 | 10 | 7  | Surinam       | 168 Terry Weinbold, Pa     | 71  | 46  | 14 | 1  | Victoria  |
| 113 Jeff Roth, Ohio      | 120 | 81  | 11 | 5  |               | 169 Joe Dias, Calif        | 69  | 52  |    |    |           |
| 114 Bob Ottaway, Colo    | 120 | 81  |    |    |               | 170 Terry Concannon, Cal   | 69  | 48  | 7  | 1  | HCJB      |
| 115 John Onken, Ill      | 120 | 77  |    |    |               | 171 Jerry Schmidt, Wisc    | 67  | 42  | 5  | 2  |           |
| 116 Bill Bogel, Calif    | 120 |     |    |    |               | 172 Steven Shaffer, In     | 66  | 39  | 8  | 2  | Bolivar   |
| 117 Jay Hamilton, SC     | 119 | 81  |    |    |               | 173 Jim Doyle, Wisc        | 66  | 36  |    |    |           |
| 118 Gerard Word, Ga      | 118 | 100 | 10 | 7  | Action R      | 174 Kevin McManus, BC      | 65  | 53  |    |    |           |
| 119 Robert Goss, Tex     | 112 | 78  |    |    |               | 175 Ken DeLong, Pa         | 64  | 56  | 6  | 1  | HCJB      |
| 120 Steven Sbordone, Fl  | 111 | 63  | 9  | 3  | Guyana        | 176 Daniel Conti, NY       | 64  | 45  |    |    | Rumbo.    |
| 121 Robert Viau, Que     | 110 | 96  | 7  | 6  | Nac Peru      | 177 Jerry Clark, Ind       | 63  | 46  |    |    |           |
| 122 Charles George, Tex  | 109 | 79  | 9  | 4  | Juventud      | 178 Joe Kremer, Del        | 62  | 19  | 6  | 2  |           |
| 123 Sholom Glikman, Il   | 109 | 63  | 8  | 4  | Bzrl Cent     | 179 Scott Blixt, Minn      | 60  | 42  |    |    |           |
| 124 Timothy Noonan, Wis  | 108 | 79  | 6  | 5  | Rumbos        | 180 Terry Klsar, Mo        | 60  | 32  | 4  | 2  |           |
| 125 Steve Shotola, Ill   | 108 | 75  | 11 | 6  | Taubate       | 181 Robert Zajda, Mass     | 58  | 41  | 4  | 1  | HCJB      |
| 126 Dan Mbrisseau, Nebr  | 108 | 38  | 10 | 2  | Nac Braz      | 182 John Hancock, Calif    | 58  | 27  |    |    |           |
| 127 Gary Biasini, Alta   | 107 | 50  | 9  | 2  | Braz Cent     | 183 Rita Vernetti, Kwaj    | 55  | 51  | 3  | 1  | HCJB      |
| 128 Tom Blossom, Ohio    | 106 | 93  | 7  | 6  | Nac Braz      | 184 Joe Ihnat, Pa          | 55  | 47  | 6  | 4  | Nac Venez |
| 129 David Schweikart, Va | 106 | 77  | 9  | 3  | Cultura       | 185 Duke Rice, NC          | 55  | 46  | 6  | 3  | Guatapur  |
| 130 Rizal Batsa, Mich    | 106 | 66  | 10 | 2  | Diego Pt      | 186 Chuck Neff, Ill        | 54  | 42  |    |    |           |
| 131 Mildred Marshall, ND | 105 | 92  |    |    |               | 187 Thomas Kenny, NJ       | 54  | 25  | 5  | 2  | Santa Fe  |
| 132 William Mann, Ont    | 105 | 89  | 8  | 6  |               | 188 Martin Delfin, Tex     | 53  | 51  |    |    |           |
| 133 Mike Brooker, Ont    | 105 | 78  | 9  | 6  | Guyana        | 189 Norm Newhall, Conn     | 52  | 37  |    |    |           |
| 134 Arthur Burke, Fla    | 105 | 64  |    |    |               | 190 Dave Hascall, Ind      | 52  | 34  | 6  | 1  | Colasol   |
| 135 Bruce Schoenfeld, Ct | 104 | 71  | 8  | 6  | Zaracay       | 191 Paul Brouillette, Mic  | 48  | 37  | 8  | 6  | Guaiba    |
| 136 Larry Cunningham, Oh | 104 | 43  |    |    |               | 192 James Matthew, Vt      | 47  | 38  | 4  | 2  | Nac Braz  |
| 137 Ken Kashiwbara, Cal  | 102 | 72  | 10 | 8  | Concep Ch     | 193 Tom Lister, BC         | 46  | 28  | 4  | 2  | Rumbos    |
| 138 Robert Wallace, Haw  | 101 | 79  | 7  | 3  | El Mundo      | 194 Lexington Smith, NY    | 46  | 25  |    |    |           |
| 139 James Mulvey, NY     | 99  | 79  | 8  | 5  |               | 195 Ron Carbis, Calif      | 43  | 22  | 4  | 2  | Bras      |
| 140 Ted Muszynski, Conn  | 98  | 45  |    |    |               | 196 Mike Colacarro, Mass   | 34  | 32  |    |    |           |
| 141 Frank Hermann, Ont   | 97  | 74  | 6  | 4  | LOL           | 197 Charles Dumont, Que    | 34  | 19  |    |    |           |
| 142 Pete Grenier, Calif  | 97  | 68  | 9  | 6  | Barquism      | 198 Thomas Semesky, Ind    | 32  | 9   | 3  | 1  | Chile     |
| 143 Rob Harrington, Colo | 97  | 51  |    |    |               | 199 Kelvin Watts, Austl    | 29  | 12  |    |    |           |
| 144 David Greenes, Mass  | 96  | 21  |    |    |               | 200 Steven Sahnaw, RI      | 23  | 20  | 2  | 1  | HCJB      |
| 145 Marjorie Burns, Ill  | 95  | 71  | 9  | 4  | HD210A        | 201 Walter Swaim, Fla      | 23  | 9   | 2  | 1  |           |
| 146 Thomas Lebryk, NJ    | 94  | 58  |    |    |               | 202 Richard Austin, Ky     | 17  | 7   |    |    |           |

Thanks to all who reported this time, and welcome to all the new reporters. How about the rest of you sending in your statistics by NOVEMBER 15. The spotlight at that time will fall on NORTH AMERICA. Anyone who has not updated in 1979 will be omitted from the next listing. This is necessary because I have no other way of knowing if you are active, or even still a member.

Thanks also for all those who said they missed the rest of the information, that part left out when we made the switch to the shorter format. If you have a concern, or any ideas on how to find more space, let HQ know. They will be happy to hear from you. 73's

*Myron*

# update

September 1979 \*\*\* Number 50

Tom Allemen  
615 W. 43rd Terr., Apt. 6  
Kansas City, MO 64111 USA  
(816) 931-5943 2330-0300 only!!!

UPCOMING DEADLINES: 12 September (Mid-Sept) 24 September (Oct) 12 October (Mid-Oct)

Reproduction permitted provided credit is given original reporter and NASWA UPDATE. Dates, times and days are GMT, freqs are kHz.

AFGHANISTAN Kabul, 15075, best signal yet 1800+ in Pushtu or Dari to 1830. Then EG ID and into GM to 1900. Then IS again, EG ID by M: "This is R. Afghanistan calling Europe" 4 times, ten minutes nx, and chanting to 1930\*. Gave TC and correct freq at s/on. Hope the keep this one. (Bill Whitacre, MI 8-16)

ALBANIA Tirana, 5057, at 0310 in presumed Albanian. Folk mx 0315. (Whitacre, MI 8-12)

ANTARCTICA AFAN, 6012, in EG 1115 f/in-1145 f/out; recorded AFRTS skit to 1130, then ID: "This is AFAN McMurdo, the world's southernmost radio sta." Then into pop mx. (Neal Perdue, ALA 8-16)\*\*\*Excellent catch, Neal. Love that ID!!! tba

ARGENTINA R. Belgrano, 6091, tentative in SP 0219; long talk by M, and soccer. (Ben Radcliff, IL 8-3) +++ R. El Mundo, 6120, in SP 1020; talk, IN and mx. (Jack Jones, MISS 8-7)---El Mundo also noted on 15290 at 2330 w/ SP ID and many American records. No Sweden. (Bob Zilmer, WI)

BRAZIL R. Cultura (Araraquara), 3365, in PT 0025-35; M w/ much talk and ID, snatches of LA mx. (Perdue, ALA 8-14)+++R. Ribamar, 4785, in PT 0825; fast accordian mx, much chatter by M, ID and mentions of Maranhao. (Perdue, AL 8-14)+++R. Tabajara noted on both 4795 and 4797; on 4795 0740-0820 8-12 w/ accordian tunes, LA mx, M anncr and IDs. On 4797 0820 8-14 w/ much talk, accordian mx and ID. All in PT. (Perdue, AL) +++R. Itatiaia, 4805, in PT 0850-0915+;

First time heard in morning, strong in mag storm. Accordian mx, rapid chatter by M, IDs, TCs. (Perdue, AL 8-14)+++R. Nac. Boa Vista, 4835, in PT 0324; M vocal w/ fulte and guitar, M or husky W anncr w/ talk and ID 0335, 0343, and 0354; ID and Brazilian anthem 0359. Anthem is

very military sounding, much like revolutionary "fight songs" played by the Angolans. (tba) +++ R. Bare, 4895, in PT \*0900-30; s/on w/ NA or march (not sure since Brazilian NA so infrequently played) then two IDs at 0902 by M as "R. Bare, Manaus." Pgm of recorded mx. (Henry Lazarus, LA 8-14)\*\*\*Welcome aboard, OM. tba\*\*\* Bare also noted at \*0900 w/ martial mx (NA?), nice ID, many mentions Manaus, local mx. Tnx Lazarus. (Jones, MS 8-15)---Bare also noted 0935

w/ accordian mx, man-on-the-street interview. ID for Bare and GMT-4 TC. (Clark, AZ 8-13)+++ RN Macapa, 4915, in PT 0930; ID, ads, TCs, swinging Brazilian mx. (Jones, MS 8-16) +++ R. Cultura, 5015, in PT 0117; mx, M DJ, ads, mentions of Cuaba, more mx and ID. Fading by 0130a.

Also noted this one weakly after 0430 some nights. (tba)+++R. Borborema, 5025, in PT 0820-30; EzL vocals, M w/ ID and talk. (Perdue, ALA)

CANADA Pirate CREW, 1615, 0305-0330\*; Beatles mx, comedy pgm w/ frequent IDs and TCs. Claims to be licensed and operate w/ 20kW. Interesting to note that TCs for "Halifax" were Eastern not Atlantic time. Suspect QTH is bogus. (Don Moore, PA 8-13)+++CFVP, 6030, in EG 0735; pop vocals and infrequent interruptions by M DJ. TC and mx 0800. Covered later by AFRTS and NHK. (Clark, AZ 8-13)+++CFRX, 6070, in EG 0603; "good nx" report, etc. Missing 8-11, 12. (Radcliff, IL 8-13)+++CKFX, 6080, in EG 0933; usual format, Eddie Albert song, CWX ID! (Radcliff, IL 8-6)

CHINA (P.R.) PLA II, 6000, tentative at 1131; strident talks by W in CH or dialect. No ID possible, but format sounds like them. (tba)

CONGO Brazzaville, 3264, in FR 0045-0059\*; African drum tunes, M w/ anncmts 0055, mentions of "Republic Congolaise," brief drums, s/off anncmts, NA and off. (Whitacre, MI 8-14)

COLOMBIA LV del Norte, 4875, in SP at \*0915; short mx, IDs, calls, freqs (NW, SW, FM) followed by NA. (Jones, MS 8-8)+++Em. Meridiano 70, in SP 0245-55; LA mx, M w. ID as "el internacional Meridiano setente." (Perdue, AL 8-14)+++Ondas del Ortopuzo, 4975, in many nights lately after 0130 over or instead of usual UTE. Campesino mx, SP talks and IDs. (tba) +++ LV de los Centauros, 5955, in SP \*0937; s/on anncmts, Colombian NA, about 6 full IDs, classical mx. (Perdue AL 8-14)+++LV de Huila, 6150, in SP 0751; talks by M, LV de Huuulllllaaaa ID! (Radcliff, IL 8-6)

ECUADOR LV de Triunfo, 3252.5, in SP 0330-0400; LA mx, reverb ads, disco mx, "Radio la voz de Triunfo" ID. Later IDs seemed to be "...del Triunfo." (Perdue, AL 8-14) +++ R. Iris, 3380.6, in SP 0345; "YMCA" song, ID by M, back into "YMCA." (Perdue, AL 8-14)+++R. Zaracay, 3390, in SP 1036; ID, mx. (Jones, MS 8-16)+++R. Pop. Independente, 4800, in SP 0730-40; Ecuadorian mx, ID by W. (Perdue, AL 8-13)+++LV del Galapagos, 4810, in SP 0323; usual stuff. First time in a

while. (tba)+++R. Paz y Bien, 4820, in SP 0920; classical mx to 0922, then M w/ opening anncmts ID, freq, NA and into pgms. (Perdue, AL 8-14)---Paz y Bien also noted \*0925 w/ NA, ID sked for day, local mx. (Jones, MS 8-16)+++R. Luz y Vida, 4850, in SP 1032-45; refined big-city sound on typical LHC folk tunes. Very tame—like Lawrence Welk playing Howlin' Wolf!!! (Perdue, AL 8-14)+++R. Rio Amazonas, 4870, in Indian \*1055; ND, SP ID, talk in Indian. Later than usual

s/on. (Jones, MS 8-16)+++R. Quito, 4920, in SP 1055; EzL mx, M w/ full ID: "R. Quito, la voz de la capital." (Perdue, AL 8-14)+++Raf Nacional, 4938.5, in SP 0420-33\*; LA and local mx. M anncr, ID as R. Nacional del Ecuador, and off w/ NA. (Perdue, AL 8-14)+++R. Federacion, 4960, in SP 0140; ID, mentions of "la Federacion." Also tentatively here at 0258\*. (tba)+++HCJB, 9705mf?,

in Quechua // 6050 at 0900. At same time, 3220 has different Quechua pgm. At 0930, 9705 goes into CM, and 6050 // 3220 in Quechua. (Klein, FLA) +++ HCJB also noted in EG 15165 at 0825; DX Party Line off suddenly in mid-sentence. (Radcliff, IL)

FINLAND Jeff White sent copy of telegram w/ following information from FIR: FIR's b'cast to Nam retimed for S79 to 0330-0400 on 9675. Reports wanted. Also sked for 1300 on 15400 and 1430 on 15400. 21475. "Sunday Best" Sundays 1300-1500 on 15400.

GUATEMALA R. Maya, 3325, in SP 0120; ID, TC, organ mx. (Jones, MS 8-16)+++LV de Nahuala, 3360, in Indian 0125; ID, talks, mx and songs. (Jones, MS 8-16)+++R. Tesulutlan, 4835, in SP 0141; usual chorus of cats being tortured to accompaniment of tenors and marimbas. (tba)

HAWAII 4 VER, 9770, in EG 1135; "Haven of Rest" religious pgm, mixing w/ R. Australia and // Better 11835. (Radcliff, IL)

HONDURAS R. Juticalpa, 4780, in SP 1052; ID, ads, ranchera mx, and a big sig on top of Carabobo/ (Jones, MS 8-16)+++R. Lux, 4890, in SP 2320-40; rapid chatter, pop mx, songs by ABBA, re-recorded ID. (Perdue, AL 8-13)---Lux also noted 0110 in SP; latin pops and vocals. ID w/ echo on trail end (Radio Lux-x-x-x). (Jones, MS 8-7)

JAPAN NSB, 6055, in well in JP 1142. Talks by 2 M. (tba)

\*\*KAMPUCHEA Vof the Kampuchean People, 9695, at \*1200. No IS, anthem at s/on into, "This is the Voice of the Kampuchean People b'casting from...Phnom Pehn." Talk on Kampuchean Revolution by M & W. Mentioned that pgm repeated at 0200. Into FR 1215. Reasonably good both in level and quality of annrcs. (Clark, AZ)

KENYA Nairobi, 4915, at 0257 in Swahili. 0257 choral anthem, M in EG w/ ID then Swahili for ID, GMT and local TC, choir and mx. (Whitacre, MI 8-12)---Nairobi also noted here at 0307 on 4915 w/ possible nx in Swahili and EG ads. (tba)

KOREA (REP.) As of 8-15 Seoul using following partial sked, per monitoring off air: at 1000, EG on 9580, KR on 6015 // 6135 to 1100; at 1030 add 6165 not // 6015, 6135 in KR. All buried at 1100 except 6015 in KR. (Klein, FLA)---Seoul noted on 6015 w/ KR talks by M and W 1117. (tba)

MALAYSIA VoMalaysia, 15295, in EG 0830-0855. Nx 0830-40 by M, then story (like radio drama) by W to 0853. ID, upcoming pgm annrc, chimes IS 0855-0900 and into Bahasa Malaysia. (Lazarus, LA 8-11)

\*\*MAURITIUS MBC-Forest Side, 9709, 1231-1301\*; checking Crawford's tentative on this; in fair, fading up 1240 w/ Hindi or similar by M, 1244 into M w/ unaccompanied chant-like songs, messages from 1250, short instrumental theme, s/off annrcs in same lang ending w/ MBC, carrier off at 1301. Easy copy but hetted an UnID stn on 9710. Don't confuse this w/ AIR 9705 noted same morning at \*1228 into Tibetan. What a great way to end summer. (Terry Krueger, FLA 8-10)---MBC also noted well here 8-20 in first as het off 9710 to approx 1250 when lang audible as Indian type dialect. Closing proceedings to 1258 when got a clear "MBC". Carrier--and het--gone at 1300. Difficult copy, but should be audible on good mornings here. (tba)

NIGER Niamey presumed the one on 5020 0530-0600 in FR or FRverns; African chants, M annrc, primitive drums and stringed instruments, choral mx. Strong peak 0550 then heading for mud by 0600. Barely audible 0610. (Perdue, AL 8-14)

NIGERIA FRC Benin City, 4932, w/ decent mod for once 2300+ 8-16. ID as R. Bendel or R. Benin City during and after nx. The EG nx this night was from local studio and annrcs at close listed following freqs in use: 4932 sw, 774 and 648 mw, and 91.81 MHz "VHF"! Underlined freqs not listed in WRTH and presumably nev. S/off w/ pledge of allegiance and choral anthem w/ some talking drums to 2308\*. (Whitacre, MI)---Benin City also noted on 4932 at \*0430; drums IS and s/on w/ ID. (tba)

PERU R. Atlantida, 4790, in SP 1045+; kids' chorus, M annrc, IDs. (Perdue, AL 8-14)+++R. Chinchaycocha, 4860, in SP 0538; ID, talk by M DJ, local pops. (tba)---Chinchaycocha also noted in great shape 0640 in SP w/ Peruvian mx, M w/ ID. (Perdue, AL 8-13)+++R. Tropical, 4935, in SP 1050-1100; M w/ talk, second M w/ mention of Tarapoto and ID, talk by W. First morning reception of this one for me. They use a cute little "buenos nochas" lullaby at s/off. (Perdue, AL 8-14)+++R. Libertad, 5040, in SP 0725-32\*; rustic Peruvian mx, M annrc, ID. (Perdue, AL 8-14)+++R. Tawantinsuyo, 6175, in SP w/ local yipping 1017. (tba)

PORTUGAL Lisbon, 6185 USB, at 2315 8-16; good sigs all alone on freq. Nx in PT, correspondents' reports, many mentions of Portugal and one of RDF. Why on SSB??? Just practicing??? (Whitacre)

SAO TOME R. Nacional, 4807, in PT 0544; weak w/ talks by M and latin-style highlife mx. (tba)

---Also tentatively noted at 0540 in PT w/ vocal mx, possible ID 0549. (Radcliff, IL 8-13)

SOLOMON IS. SIBC, 5020, in EG 1121 w/ golden oldies. Nice level and pgm. (tba)

SURINAM SRS, 4850, still here IDing after almost every record as "Super Radio Stn" (rather optimistically), 8-14, for umpteenth report 0213-0246 w/ usual pops, disco and crazy annrcs. (Whitacre, MI)

TANZANIA Dar es Salaam, 4785, good at 0304 8-12; short impassioned speech in SH, M annrc

briefly, then childrens' choir and more annrc. (Whitacre, MI)\*\*\*Haven't heard this one in a while. Nice work, Whit. tba

VENEZUELA LV de Carabobo, 4780, in SP 1009; ID, ads, Venez. mx. (Jones, MISS 8-16)+++ R. Valera, 4840 in SP 2315-30; ads, jingles, IDs by M. (Perdue, AL 8-13)

CDRRECTION Stu Klein reports that his log of TWR Monaco on 9505 should read 9500.

A nice turnout, both in quantity and quality, for our fiftieth issue together. Thanks for the continued support.

73- Tom

# log report section

1600-4899



DAN ROBINSON

4437 SEDGWICK STREET, N.W.  
WASHINGTON, D.C. 20016  
PH: (202) 686 - 1119

Welcome back to another month of IK information in FRENK and IR-A. First off let me say something about what I'm trying to accomplish with each IR-A month after month, in terms of degree of accuracy. There is no way that IR-A can be completely comprehensive, nor as up-to-date or accurate as I'd like it to be. The reasons are obvious, but the main one is space limitations. No bulletin can hope to provide all that is being heard in all parts of the world (as it is FRENK does an excellent job). What I do attempt every month, is to present IK information that is accurate and interesting as well. To do this, I use several sources of IK information and predictably, some reports for specific frequencies do vary. What is audible in Pennsylvania on 4,855 for instance, may not be the only station transmitting on that frequency. The point is this: any log is subject to question. The best way out if you're unsure is to stick that big I next to it. You say you're absolutely (99.999%) certain you've got Masore on 4,740, or Kendari on 4,000 rather than Padang 4,003v? Mark it "ID by M 1030..." then let the editor decide, based on his available information, whether the log is TENT or definite. When I do err, I'm on accuracy's side, and my mistakes will usually be corrected. This short policy statement is in response to some letters I have received in the past on the subject of editorial judgment in FRENK. Enough talk, and on with the info.....

- 1615 CANADA (PIRATE) CREW: 0135 in EG w/pop mx by Foreigner, ID "CREW, Halifax, Nova Scotia with Foreigner tonight on the Jack Daniels album special..."(McVicar 7/30)  
Richard also notes he suspects this one carrying Larry King show 7/3...IR
- 1620 USA (PIRATE) WCEK: 0310\* (Crawford) "It's 1:00 in New York, good morning on WCEK..." followed by more rock mx then off at 0506 (McVicar)
- 2310 BRAZIL R Progreso: 0052-58 PT, light mx, ID 0055(Cartwright 7/22)0052 ID(Moore)
- 2320 BRAZIL R 8 de Setembro: TENT 0038-0045 PT, M in tlk(Cartwright 7/22) 0107 light mx, CH w/amts; TENT dus to static(Moore) TENT 0045-0050 (O'Donnell)
- 2340T BRAZIL R Itacatiara: 0017-0035 PT, ments of Amazonas by M, lol pops(Krueger)
- 2390 MEXICO R Huayacocotla: SP/Mexican ballads, W w/ID(Moore 7/22) 0015 SP, ID 0020 (Cartwright) 0155 usual ranchera mx w/brief amts(Robins) 0012 ID (O'Donnell)
- 2390 GUATEMALA LV de Atitlan: 1108-1112 w/sarimba mx, M w/ID "LV de Atitlan," followed by second ID; last reception here Aug '78; (Poppin 7/15)
- 2420.6 BRAZIL UNID: 0153 PT, light mx, some amts by M (Moore 7/22)
- 2428 NEW IRELAND R New Ireland: 1225 Pidgin, M DJ w/Western pop & island mx, TC @1230 and ID, F-G (DW Johnson 8/5)
- 2460E USA NSAL Logansport, IN: Harmonic 2 x 1230 0145 w/tlk and ads (Robins 8/3)
- 2490 BRAZIL UNID: 0251-0313 PT w/pop songs and M amts; jingle 0300; gone at 0430(McVicar)
- 3200 SHANTLAND TMR: 0442-0453 AK sermon in AK or DT by M, Good (Krueger 7/26)
- 3205 BRAZIL RC Riberao Preto: 0010 PT, EL mx, ID, sporting event(Cucura 7/18) 0026 PT, pops, and 2 CHs, clear mentions of "Riberao Preto" (McVicar w/1100foot bev) 0110 w/soccer coverage (Moore 7/21) 0110 w/soccer game(Cartwright 7/22)
- 3210 MOZAMBIQUE RM: 0430-0453 PT, pop/rock mx, amts, great signal!(Valko 8/12) 0449 PT, ID 0450 and M cont'd in PT tlk (Cartwright 7/27)
- 3215 VENEZUELA Ondas Panamericanas: 0027 SP w/pop songs, M ancr w/ID, amts(McVicar) 0040 LA mx, ID, amts, (Alexander) 0910 w/ID, YV pop mx (Klein 7/31)
- 3220 ECUADOR HCJB: 0032 SP religious tlk by M, G (McVicar) 0155 (Braga)
- 3220T PAPUA NEW GUINEA R Morobe: Pidgin tlk, chimes, vocals w/drums (Poppin 7/17)
- 3225 VENEZUELA R Occidente: 0133 SP, EG disco, ID by W 0138(Stover 7/12) 0154 w ancr w/amts, closing IDs, anthem and off 0203; GRM de HCJB (McVicar)
- 3235 BRAZIL RC de Marilia: 0035 PT, lite mx, CH ID, (Moore 7/22) 0033 PT, mx (McVicar) 0031 w/ID by M, light mx (Cartwright 7/22)
- 3240 PERU R America: 1119-1132 W w/SP vocal, mention of "Radio America..."(Poppin 7/23)
- 3241 MOLDUCCAS RRI Ambon: 1302 w/electric organ, 1303 W w/ID (Poppin 7/11)
- 3252 ECUADOR LV de el Triunfo: 0333 SP, IDs, "Santo Domingo de los Colorados..." and ads (Cucura 7/18)0455 M w/ID, ads (Klein) Full ID at 1/2 hour 0430 (O'Donnell) 0450-0501\* SP, US pop mx and sign off (Braga 7/12)
- 3260 PAPUA NEW GUINEA R Madang: 1034 Pidgin, island mx hrd w/fair sigs on good PNG morning (Dayen 7/18)
- 3264.2 MOZAMBIQUE RM: 0400-0410 PT, IS, ID in PT, then into mx, Poor(O'Donnell 7/22) 0400 (Cartwright 7/22)

- 3270 ECUADOR: Re R Cosmopolita rpt IRA Aug...Meyer rpts 0030 R Cosmopolita w/few IDs, criollo mx, tlk on lcl affairs(Meyer 7/28) Kevin, NASWA member Jean Jacques Bloch who has just returned from Ecuador says this one is not on....AGAIN, are you sure of this ID? Could this be some kind of harmonic/rovr image?....IR
- 3275 SWAZILAND TWR: 0326 tlk in vern, religious singing, clear ID 0331(Lobdell) 0430 EG religious px w/ID 0430, then mx by choir, P (Wicks 8/11)
- 3275 PAPUA NEW GUINEA R So Highlands: 1036 Pidgin, lcl mx (Dayen 7/18)
- 3275 BRAZIL Rdif de Alagoas: 0124-0149 PT, M w/armts, IDs and mixed Brazilian mx (Cucura 7/18) Bauru Radio Clube (TENT) 0135 PT, Brazilian mx, IDs (Meyer 7/28) Kevin, remember if you've hrd IDs then the stn shouldn't be marked TENT...IR...that is only if the IDs were for Bauru Radio Clube...
- 3280 ECUADOR LV del Napo: 1035 M ancr in Indian lang, mx, ID, TC(Klein 8/3)0138 SP, mx bulletin spaced by portions of "Tankee Doodle" IDs (Meyer-PERU) TENT BOLIVIA, 2340 SP, too much QRH to make out ID, definitely not Napo (Meyer-PERU)
- 3285 HELIZE RB: 0500 EG/SP ID, lite mx (Klein 7/17)
- 3288 MADAGASCAR RM: 0300-0340 presumed Malagache; 0300 sign on w/choral mx, IS as on CHAF/RCI tapes, more choral mx w/ID; pgm of nice sounding folk mx on accordion instr; mx 0330 by M, 0333 possible drum beats then to more mx; 0337 folk mx; sig rather strong at first, gradual fade;hrd 7/15 w/church service (McVicar 7/15/16)
- \*3290 ECUADOR R Amazonas: 0146 SP, mx very clear ID, some QRH(Meyer-PERU) Kevin, Mr. Bloch also says this is R Amazonas, not LV del Alausi....IR
- 3295T BRAZIL R Iguatemi: 0125 PT, light mx, armts (Moore 7/22) 0200 (Meyer-PERU)
- \*3300T BURUNDI LV de la Revolution: 0240-0350 in def African lang; carrier over TGNA 0240, then possible IS as in WRTM starting around 0245;0255 on definitely pgm of lcl mx, drums, M w/tlks between (McVicar 7/17)
- 3305 PAPUA NEW GUINEA R Western: 0945 Pidgin, lcl mx, fast Pidgin tlk by M (Dayen)
- 3306T ZIMBABWE RHODESIA ZBBC: 0356 w/mx pgm and into EG mx 0400 (Wicks) Per others the new ID is Zimbabwe Rhodesia Broadcasting Corporation...IR
- 3315 ECUADOR R Pastaza: 0212 SP, lcl mx briefs, clear ID, strong(Meyer)0305(Cucura)
- 3322.5 NORTH SOLOMONS R Bougainville: 1055 Pidgin, M in tlk, mention of PNG(DW Johnson) 0950 lcl and instr mx, tlk by M&W in Pidgin (Dayen) 1031 Pidgin tlk(Wicks)
- 3325 NIGERIA FRC Lagos: 0300-0332 EG; hrd FRC here 7/22 w/coverage of Nigerian election, including a remote bcast fm election HQ and analysis of results and ramifications. Also, nx summary, TCs, IDs w/o QRH (Pappas 7/22)
- \*3330 PERU Ondes de Huallaga: 0219 SP, lcl mx calls, huaynos, ads,TCs,few IDs(Meyer)
- 3335 PAPUA NEW GUINEA R East Sepik: 1215 Pidgin w/rock and DJ (DW Johnson)1025 Pidgin w/rl mx, ID 1030 in EG, clear signal (Dayen 7/18)
- 3335 BRAZIL RC Conquista: 0018 PT, lcl pop mx, IDs 0023, 0030(Moore 7/22) ID 0038 (Cartwright) 0030 w/vocals (O'Donnell) 0223 ID and tlk in PT (Meyer-PERU)
- \*3339T TANZANIA/ZANZIBAR RT: \*0300 w/NA then M in Koran; het plms made tough copy (Agnr 7/17) 0307-0340 in Swahili; M chanting to 0315; W w/armts, then march mx; M w/speech;could clearly pick out mentions of Tanzania, and especially "Uganda" 0325 nx sounded more Indian than African or Arab (McVicar 7/17) Nice....IR
- 3340T CHINA Heilongjiang: 1120-1200 CH? Pgm of CH mx, very few armts //4925(Howard)
- 3340T ECUADOR R Tropical: 0237 SP, tlk on lcl topics, opera mx, IDs(Meyer-PERU) 0240 SP, indications of LA stn operating under Tropical--not enough to get ID(Meyer) Kevin, I have Viloco active on 3337....IR...is Tropical still on?
- 3345 ANGOLA ER do Huambo: 0437;w/ID 0447 by M in PTT, light mx (Cartwright 7/22) 0435 PT, EZ mx, ID 0447(Moore) Hey guys, looks like you were listening on the same rx...IR
- 3345 MOLUCCAS RRI Ternate: 1159 CM ID:"R. Indonesia Ternate.." mention of berita, pips 1200 and into mx; no SCI before or after the ID(Poppin 7/23) George, my source says RRI IDs are still in effect, despite your hearing only Radio Indonesia IDs...IR
- \*3346T ZAMBIA ZBS Lusaka: 0350 w/wrmistakable "Fish Eagle" IS; anthem by choir 0351; signal too poor to hear anything after that(McVicar 7/16) Excellent catch if they're still using this freq....sure about the Fish Eagle?!!IR
- \*3350T BOLIVIA R 27 de Diciembre: 2335 SP, good w/mx and rel px, clear ID(Meyer-PERU)
- \*3350T PERU R Independencia: 2325 SP, clear ID, futbol scores and lcl mx briefs(Meyer) Kevin...Jean Jacques Bloch says Radio Centit, Ecuador here to 0300\*...IR
- 3360TT PERU R Huamaco: 2111 SP, lcl mx briefs, greetings, huaynos, IDs(Meyer-MERU) I'd love to confirm this as on the air...my listing says 0000-0200\*...IR
- 3360 PAPUA NEW GUINEA R Milne Bay: 0845-0915 EG, ral pgm, C&W,many IDs (Orcutt 7/15)
- 3365 BRAZIL R Cultura Araraquara: 0021 PT, ID 0022 (Cartwright) ID, PT tlk 0150 (McVicar) 0020 PT, light and pop mx, ID hrd (Moore 7/22) 0255 (Meyer-PERU)
- 3370 BOLIVIA CF rpt in July IR-A: Rpts indicate R Universidad de Tarija is off the air and Kevin Meyer says he thinks it was his error/rovr error....IR
- 3375T ECUADOR R Melodia: 0350-0401\* SP, LA pops, ads, mentioned "Ecuadoriana" and definite R Melodia ID 0353; NA 0358 to 0401\* (Boyo 8/5) 0305 SP, classical mx w/ slow tlk by DJ, IDs on the hour, few ads, poor sig (Meyer-PERU)
- 3375 ANGOLA R Nac: 0400-0440 PT, lcl mx, tlk, armts//7245 (Cucura,Alexander,Saylor
- 3380 MALANI MBC: 0400 Chichewa mx by M, ad for Coke, lcl mx, ID as MBC (Saylor) Cartwright) 0400 mx and ID in Chichewa, mx, faded by 0415 (Saylor)

- \*3386 PERU Rdf del Centro: 0317 SP, U.S. disco combined with huaynos (very bad combination) IDs and ads, Fair sig (Meyer-PERU 7/28)
- 3390 ECUADOR R Zaracoay: 0300+ IDs, Ecuadorian mx, IDs (Cucura, Meyer, Poppin, O'Donnell, VEINEZUELA R Universidad: 0220-0300 & \*1000 (Cucura, Klein, O'Donnell) Bryan)
- 3395 ZIMBABWE-RHODESIA: 0412 Nk in EG w/mentions of Zimbabwe-Rhodesia and current situation there (Wicks) 0428 mx 0430 (Braga) EG ads, pops, IDs (Kreuger) 0417 (McVicar) 0418 mx and ID (Cucura) 0355 Church bells before s/on, //3306 (Bryan)
- 3405  BRAZIL R Yapuri: 0335 PT, EZ PT mx, some tlk, ID on 1/2 hour (Meyer-PERU)
- 3479v BOLIVIA R Padilla: 0049-0230 SP, M w/discussion, bits of mx, some wild Andean flute songs; s/off at 0230 exactly on 7/28 (McVicar) 0145-0246\* after ants, a few IDs, the best at 0203 "R. Padilla, Republica de Bolivia..." (Dayen 7/19) 2345 TEXT w/ID (Meyer-PERU) 0100 SP, slow LA ballads, poss ad 0129, ID 0130 (Stover) Watch this for on and off operation.....DR
- 3425  BRAZIL: Had to get this one item in....Kevin Meyer reports hearing an UNID stn 0353 w/LA mx. Now we ed is hearing what I believe to be a Brazilian on 3425 fm 0100-0230 though I have hrd PT tlk...possibly R. Transamazonica, a new stn noted in recent weeks by some overseas DXers....DR...Could be your UNID, Kevin...
- 3552 PERU Rdf La Convencion: 0205-0228 SP folk mx, 2 ancrs M&W w/tlk between songs; Flute and guitar w/had ARO QRM (McVicar w/1100 beverage)
- 3905 ADMIRALTY IS R Manus: 1040 Pidgin island and rock, Pidgin ancr (Dayen) 1205 w/ Pidgin tlk, mx (Poppin 7/23)
- 4000 SULAWESI RRI Kendari: 1140 IN, lcl pop mx (DW Johnson) 1317 W in tlk (Poppin)
- 4030 USSR Anadyr-Chukchi: 1201 W in mx, cntry in RS, Moscow TC, into opera (Poppin)
- 4040 ASIATIC SSR Vladivostok: 1058-1102 RS, Moscow Two pgm, ID and tlk (Kreuger)
- 4050 YUZHNO-Sakhalinsk: Mayak px 1209 M with mx and 1212 weather: "right now its 22 degrees C in Moscow..." 1215 M with Moscow TC (Poppin 7/15)
- 4115T  BRAZIL Rdf Cruzeiro do Sul: 2348 PT, ID, good sig, PT samba, tlk (Meyer-PERU)
- 4150  BRAZIL UNID: 2350 PT, definitely Brazilian, much tlk and ads, some samba mx and good signals (Meyer 7/28)
- 4485 ASIATIC SSR Petropavlovsk: 1012-1016 RS, W with commentary, (Kreuger) (Moore)
- 4695 BOLIVIA R Riberalta: 0408 w/Andean folk (McVicar 7/31)
- 4699 JAVA RRIK Surabaya: 1227 M in Indo tlk w/references to Indonesia 1230; slow version of Indo NA 1232; I got the "Surabaya" of the ID (Poppin 7/23)
- 4719 CELEBES RRI Ujung Pandar: 1030 IN beautiful mx and ancrs by W, ID 1100 (Dayen) 1057 IN, ID, lcl IS, SCI, mx 1100 (Klein) 1234 (Poppin 7/23)
- 4725 BURMA BES: W in lang tlk 1240; lcl mx, vocalists (Poppin 7/23)
- 4740 BOLIVIA R Memore: 0001 SP, clear ID, message and social mx pgm (Meyer-PERU) There is possibly another stn here, two khr below Memore....watch for it...DR
- 4750 CAMEROON R Bertoua: 0436 FR pgm of lcl chants, M ancr (Klein) Drums, FR/EG IDs 0430, anthem, into FR (Boyd 8/5) \*0459 EG, IS, s/on with mx //4850 (Kreuger) (Earhart)
- 4764 SUMATRA RRI Medan: 1258 ID, SCI, pips 1300: M "Radio Republik Indonesia" mx
- 4765  BRAZIL R Emissora Rural: 0807 PT w/choir song; amts (McVicar) 0815 (Poppin) PT, MGR PT mx (Klein)
- 4766v ECUADOR CRE: 0418 SP, M with s/off amts, NA (Bryan) 0405 w/pop mx and one ID-- Theme mx for IDs is same as for "Bad News Bears" (McVicar) 0431\* (Valko) 0402 (Klein) 0008 ID and sports tlk (Meyer-PERU) 0425 LA mx, amts (Cannon 7/19)
- 4774 JAVA RRI Jakarta: 1307 soft band mx then M w/"Radio Republik Indonesia Jakarta" ID; usually ID w/"Radio Indonesia followed by ad (Poppin 7/23)
- 4775 COLOMBIA Emissora Kennedy: 0330-0357 SP, classical mx; 0354 ID w/freqs then anthem in full by a band (McVicar)
- 4775  BRAZIL R Cultura de Sergipe: 0825 in PT w/pop mx on accordions and drums; Radio Cultura ID by M (McVicar)
- 4777 GABON RTWG: 2345-0004\* FR (Braga) 2340-0004 s/off amts and ID (Taylor) \*0441 (Klein) 2328 FR, M with ID and tlk about Africa (Cucura) \*0430 (McVicar) By the way, this one often noted in // 9.553, sometimes 9.577....DR
- 4780 HONDURAS R Juticalpa: 1045 SP, M ancr w/ID, TC, ment of Olanchito (Klein)
- 4785 TANZANIA RT :0312 w/YL reading apparent mx bulletin w/many mentions of Dar es Salaam; heavy mix w/LA stn ruined otherwise strong signal this nite (Agnor 7/17) 2050-2102 ID 2101, African mx and mx (Watts-AUSTRALIA)
- 4785  BRAZIL R Ribamar: 0827 PT w/M amts, clear "Ribamar", jingle, amts (McVicar) 0755 ID, jingles (Klein) 0832 crystal clear reception (Moore)
- \*4785 PERU R Coop Satipo: 0020 SP, very strong sig, orllo mx, some tlk, ID (Meyer)
- 4789 IRIAN JAYA RRI Fak Fak: \*2100, lcl mx 2105 by W, (Padua 7/13)
- 4790 PERU R Atlantida: 0023 SP, many IDs, messages and social mx (Meyer-PERU) 0410 (Klein)
- 4795  BRAZIL Rdf Aquidauana: 0010 PT, TCs, IDs as "Rdf Awkeedwayna" (Cunningham) ID 0030, M in PT (Cartwright) 0010 I D (O'Donnell) 2335 IDs, ballads (Moore)
- 4795  BRAZIL R Tabajara: 0250 PT, poss ID (Braga) 0845 M w/ID, (Klein)
- 4795 ECUADOR LV de los Caras: 0334 SP, Andean vocals (McVicar) 0026, QRM fm Nueva America but hrd mx pga, several "discrete" IDs (Meyer-PERU)
- 4795 BOLIVIA R Nueva America: 0829 Nk w/several ads, many IDs, ments of Bolivia (Meyer)

- 4800 VENEZUELA R Lara: \*0956 SP, NA, ID, calls, fags by W (Jones 7/16)
- 4801 ECUADOR R Pcpular: 0640 SP, hi-voiced vocals, ID, TC, more mx(Klein) 0708 w/vocal mx(Radcliffe) 0032 SP, ID, huaynos, good w/QRN (Meyer-FERU 7/29)
- 4805a BRAZIL Rdfid de Amazonas: 0130-0205 PT, mx 0130 by M, ads, ment of Manaus(Braga) 0035 PT, lots of tlk and ads, some mx, ID on 1/2 hour, good sig (Meyer-FERU)
- 4807a SÃO TOMÉ E PRÍNCIPE R Nacional: 0128-0142 on late in PT w/Port African pops, amts by M mentioning "Sao Tome"; on late presumably due to July 12 independence day2(according to the stamp on my QSL (McVicar 7/12) 2247 mx and ID, freq(Cucura) 0520 songs in PT; ID 0534(Jordan) 2301\* after choral anthem(Braga) 0448 poss ID and mx (O'Donnell 7/25) 0535(Klein) \*0530 w/choral anthem, ID 0603(Crawford)
- 4810 ECUADOR/GALAPAGOS LVG: 0045 SP, classical mx with some mx to the other islands; ID and excellent sig (Meyer-FERU)0320 w/mx and ID(Braga) EI mx (orchestral including "All You Need is Love"; ID and NA 0409(Wicks) 0315 ID/freq by M(O'Donnell) 0345 orchestral mx (McVicar)
- 4815 UPPER VOLTA RTV: 0615-0620 FR, very poor w/Afro mx, amts by M(O'Donnell, McVicar)
- 4815 COLOMBIA R Gustapuri: 0134 SP, lively LA mx, tlks, IDs (Valco) 0400 (Brouillette)
- 4820 ECUADOR R Pas y Bien: 1133 OM in SP with mentions of "Radio Pas y Bien..." and cont'd in mx; 1133 reception very unusual catch for me!! (Poppin 7/17)0940 SP, (Wicks) 0930 "Pas y Bien" ID(Klein) 0049 religious pgs, ID(Meyer)
- 4820 HONDURAS HRVC: 0420 EG rel pr, 0457\* (Monaco 7/18) 0310 rel pgs (Sears)
- 4825 MALI Bamako: \*0545 w/CC, 0555 long NA, OM ID (Crawford 7/13)
- 4825 GUATEMALA Radio Mam: 0155 SP, marimba, tlk by M, ID (Taylor 7/26)
- 4830 MONGOLIA Ulan Bator: \*2200, anthem, Mongolian ID, then into Mongolian Home Svc; first noted 7/13, also 7/14, to fade 2245; never hrd UB on 5 mHz in our lkl mornings previously, perhaps a power increase on this new channel(Padula)
- 4835 SOUTH AFRICA SABC: 0405-0435 EG w/TCs, tlk, stock rpts(DW Johnson, Bryan, Glikzman, Jordan)
- 4835 BRAZIL R Mac de Boa Vista: 0400-0405 PT, closing IDs, amts, NA by band(McVicar)
- 4840 VENEZUELA R Valera: \*0915 SP, NA, s/on amts(Klein) \*0917 NA, ID(Jones)
- 4840 PERU R Andahuaylas: 0055 SP, very clear ID, social mx, hynos(Meyer-FERU)
- 4845 BOLIVIA R Fides: 0139 SP, strong and clear, huayno mx pgs, IID(Meyer-FERU)0015 poor w/tlk, several commercials and disco mx 0026, ID 0015 (Wicks) 0130 w/SP OM and YL in "Informativa e Fides..." pgs, w/lovely flute tunes in between; actually got as high as S8 on Drake meter!(Agner) 0015(O'Donnell) 0130-0200 tlks by M&W ID "Radio Fides, La Paz, Bolivia." preceded and followed by chimes(Cunningham)
- 4845 MAURITANIA Nouakchott: \*0600 AR, guitar IS, ID in AR, into Korang; good at s/on, faded badly by 0630(Saylor) 0610 FR, chants and tlk(Alexander)2230 AR mx(Padula)
- 4845 MOLUCCAS RRI Ambon: 1014 M vocalist, W in IN followed by accordion mx(Poppin)
- 4845 BOTSWANA RB: 0354 Bessy the Cow and all her friends IS (McVicar)
- 4850 CAMEROON Yaounde: \*0430 FR, M ancw w/ID in FR & EG: "This is Yaounde, the Nat'l Stn of Radio Cameroun." IS, ID(Klein)
- 4850 VENEZUELA R Capital: 0407 SP, ID and several ments of Venezuela to s/off(Klein)
- 4850 SURINAM SRS: 0945 Dutch, rock and disco mx, commercials, TCs, mx(Jones)0955 DT M w/ID "Hier Stichting Radio Omroep Suriname..." (Klein) 0532\* w/anthem(Taylor)
- 4851 ECUADOR R Luz y Vida: 0745 SP, W ancw w/rare ID, lcl ancmts(Klein) 0340 w/Andean vocals exactly as on LV de Los Caras (McVicar) 0144 SP, religious pgs(Meyer-FERU)
- 4854v PERU R Pampas: 0150 SP, very clear and strong, complete IDs, social notes(Meyer)
- 4855 BRAZIL RC Para: 0828 ID, freqs(Mikell) 0853 w/mx and ads (Jones 8/1)
- 4856 SUMATRA RRI Palembang: 1312 OM in IN w/mention of Pelancar, other areas(Poppin)
- 4860 PERU R Chinohayacocha: 0640 punching thru summer QRN W/M and amts, TC 0645 for hora de Peru, then accordion mx (Agner 7/29) 0411 SP, Andean mx, M ID(Moore)
- 4865 BRUNEI Berakas: 1115 Malay, M in tlk, mention of Berakas (DW Johnson)
- 4865T BRAZIL R. Sociedad: 0035 PT, M ancw, many ads (Braga)
- 4870 ECUADOR R Rio Amazonas: 0313 SP, religious pgs w/M minster; guitar mx, some Andean melodies w/harps(McVicar 7/31) Guitar mx 0150 (Agner 7/29)
- 4875 IRIAN JAYA RRI Sorong: 1321 w/same OM as on 4856...probably a National bcast w/mentions of areas of Indonesia; ID as "RRI Sorong..." (Poppin 7/23)
- 4875 COLOMBIA R Super de Medellin: 0400 SP, M w/ID, TC, under LV del Norte (Klein)
- 4875 COLOMBIA LV del Norte: 0610 modern vocals, SP amts; no Super this day(Padula) 0440 SP, blaring signal w/man ancw; expected Super, but got Norte (O'Donnell)
- 4885 COLOMBIA Ondas del Meta: \*1001 ID, calls, fags followed by NA (Jones 7/12)
- 4890 SENEGAL Dakar: 2205-2230 FR tlks/Afro mx(Padula 7/1)0555 IS(McVicar)0605(Taylor)
- 4890 HONDURAS R Lux: 0110 SP, LA pop mx, vocals, ID w/echo (Jones 8/7) This is the one that Klein had last month; my mistake for questioning the ID...DR
- 4895 BRAZIL R Cultura do Bahia: 0905 PT, usual PT pops, M w/ID, TC(Klein)
- 4895 BRAZIL Radio Bare: 0156-0205 PT, pop mx, amts, ID "Super Radio Bare..." by M; good on 7/29 (McVicar with 1100 foot beverage)

That's it....73essssssssss DAN

# log report

section

4900-6199

# B

## STEVEN WISEBLOOD

- 4900 VENEZUELA R. Juventud: 0100-0315 rock mx, SP armts, ID. Good (Tannenwald, Boyd 8/4).
- 4900\*\*\*PERU R. Pampas: According to a recent verie, this will shortly change from 4855 to this frequency to avoid QRM (Meyer-PERU). Thanks for the tip! -ScW
- 4907 VENEZUELA R. Carora: 0302-0308 LA pop mx, ID by M in SP. Vy Good (Krueger).
- 4910 ECUADOR Em. Gran Colombia: 0402 M in SP w/Latin American nx pgm (Moore 7/21).
- 4915 KENYA VOK: 0340 African hi-life mx, many ads in SH, 1cl chorus mx (Saylor 7/16).
- 4915 GHANA GEC: 0555-0615 Drum IS, ID in EG by M, EG nx, TC & ID, lottery results (5 rpters)
- 4915 BRAZIL R. Nacional Macapa: 0200 PT tlk, Braz. mx & ID's (Tannenwald 7/20). \*0759-0805+ 3/on w/Braz. NA by a choir & band, full ID & PT anmts by M (McVicar, Lobdell).
- 4920 ECUADOR R. Quito: 0450-0523\* LA mx, SP armts, nx reports, ID's & NA (Concannon, Jordan)
- 4920 AUSTRALIA ABC-Brisbane: 1116 EG tlk by M, abt same strength as PNG-4890 (Valko 8/5).
- 4925t BRAZIL R. Dif de Taubate: 0220 tentative ID in PT, slow vocal LA mx, fighting it out with Em. Meridiano 70 (Stover-PA 7/12). Keep checking, OM! -ScW
- 4930 TURKMEN SSR Ashkhabad: 0205-0234 EZ listening mx, Mayak IS, tlk by M in RS, S/On is supposedly @ 0200. (Krueger 7/29).
- 4930 GEORGIAN SSR Tbilisi: 0045-0107 Clasc mx nonstop til Mayak IS, RS nx/cmtry (Krueger).
- 4932 JAWA Surakarta: 1333-1336 temple bells, M in IN w/armts. Good (Poppin 7/11)
- 4932 NIGERIA NBC Benin: 2355 Instr mx, ID by W in EG, on late for elections (Moore 7/21).
- 4940 IVORY COAST Rdif Ivorienne-Abidjan: 0622 Afro pop mx, M w/armts in FR (McVicar 7/21).
- 4940 VENEZUELA R. Yaracuy: \*1000-1004 NA, ID & freqs. by M in SP. Hvy QRM (Mikell).
- 4940 ECUADOR R. Nac. del Ecuador-Quito: 0340-0413 "Futbol" play by play by enthusiastic SP ancr, ID's, ads, Vy Good (Jordan 7/29).
- 4945 COLOMBIA R. Colosol-Neiva: 0624-0710 "Noticiero Colosal" mx headlines, LA mx, "Todelar" chimes @ 0700, ID by M, TC & ad for razor blades. Vy Gd (McVicar 7/7).
- 4950 SARAWAK RM-Kuehing: 1150 great trumpet mx, sexy voiced W w/ID. Vy Gd (Poppin 7/17).
- 4960 ECUADOR R. Federacion: 0130-0159\* 1cl mx, ID by M, 5-minute orchestral NA (Krueger).
- 4965 COLOMBIA R. Sta. Fe: 0130 LA vocals, SP ads & several ID's (Yajko 7/31).
- 4970 SABAH R. M. Kota Kinabalu: 1125 Lcl pop mx, W ancr in Malay, ID @ 1129 (DW Johnson).
- 4980 SWAZILAND SCR: 0450 M ancr in EG w/pop mx to 0459\*, Poor (DW Johnson 7/24).
- 4980 VENEZUELA Ecos del Torbes: 0130-0305 Loud ID's, SP ads & nx, LA mx (Concannon, Sears, Cucura). 0904-1115 heard 7/20 & 7/23 w/Excellent signals (Watts-AUSTRALIA).
- 4985 BRAZIL R. Bras Central: 0058-0117 M ancr w/ID, fast anmts, Braz. mx (4 reporters).
- 4990 SOUTH AFRICA R. RSA: 0400-0426\* Afro nx in EG, cmtry, pop mx. G (Klein, Jordan).
- 4990 NIGERIA NBC-Lagos: 2300-2306\* W in EG w/nx, ID, s/off anmts, NA (Cunningham 7/29). 0500 W in EG w/nx, ID, TC, cmtry (Alexander 7/13).
- 4990 VENEZUELA R. Barquisimeto: 0115 LA mx, SP armts, ID. Good (Tannenwald 7/14).
- 4995 MONGOLIA R. Ulan Bator: 1226 W in MG w/tlk, brief orch. mx. Good w/het (Poppin 7/15).
- 4996 PERU R. Andina: 0122-0145 M in SP w/ID's, TC, Peruvian mx (Cucura 7/9).
- 5000 SOUTH AFRICA ZUO: 0449 ID & TC given in CW. Poor, u/WVW (R McVicar 7/24).
- 5000 CENTRAL AFRICAN EMPIRE LV de l'Empire Centrafricain: 0437-0515 Monotonous holy Koranic chanting, African mx, babbling in FR (Earhart, Crawford, Radloff, McVicar).
- 5005\*\*\*BOLIVIA R. Cristal: 0337 Good signal until 0500+ (Meyer-Peru). Pgm details? -ScW
- 5005 SARAWAK RM-Sibu: 1158 tlk by M in Malay dialect, ID by V. Vy. Good (Poppin 7/17).
- 5010 PERU R. Eco: 0340 ID by M, fast tlk, sounded almost like PT. Fair (Valko 7/15).
- 5015 ASIATIC RSPSR: 1016-1140 M&W in RS w/discussion, semi-clasc mx (Krueger, Klein, Dayen).
- 5015 BRAZIL Very rare Brazilian opening on 60-meters, ID & call signs announced but couldn't catch them. May have been Cultura, listed for 24-hr operation. Heard from 0635 tune-in to 0651+ (Padula-AUSTRALIA 7/1).
- 5016.7 UNED 0230-0245 SP tlk w/no mx. Not the Colombian, but then who? (Agner 7/20&21)
- 5020 SOLOMON ISLANDS SIBG: 0726-1045 PoP mx, 1cl island mx, M ancr in EG w/pgm lists, tlk by M in pidgin, 1cl EG religious pgm w/sermon (Robins, Taylor-GA, Orcutt, DW Johnson)
- 5020 NIGER ORIN: 0529 NA, flute IS, M in FR w/ID, 1cl Afro mx (Taylor-GA 7/28).
- 5025 BRAZIL R. Boroborema: 0148 PT ID by excited PT ancr, futebol coverage (Stover-PA).
- 5030 VENEZUELA R. Continente: 0930 ID's, LA mx & SP tlk. Good (Wicks 8/10).
- 5035 BRAZIL R. Aparecida: 0025-0157 low-keyed M ancr, LA ballads & lite pop mx (Stover, Tannenwald). 0945 PT ballads, tlk by M 0937, 1st time ever heard! (Padula-AUS 7/2).
- 5040 COLOMBIA R. Cineco: 0715 typical LA pops, ID as "Cinco Caracol", TC's (Klein 7/19).
- 5045 BRAZIL R. Cult do Para: 0020-0300 Braz. & pop mx, ID's & anmts by M in PT (Sears, R McVicar, Agner). 0725-0921 many ID's, TC's, Braz. & U.S. pop mx (Jones-MS, Klein).
- 5047 TOGO RT: 0555 Afro tribal mx w/chants, Vy. Strong w/ID @ 0601 (Braga 7/12).
- 5050 VENEZUELA R. Mundial: 1005 "La Hora Campesina" pgm w/LA mx & SP armts, ID's (Klein).
- 5050\*\*\*TANZANIA RT: old British pop mx, time pips @ 0400, W in EG w/nx. Poor (Lobdell-MA 7/15)

- 5052.5 SINGAPORE RS: 2230 S/on //5010, not often heard here at this hour (Padula 6/30).
- 5055 BRAZIL R. Mau: 0515-0930, appears to be 24-hours (Meyer-PERU). 0758 PT amnts by M following Braz. mx, typical fluttery signal (Padula-AUS 7/3).
- 5055 COSTA RICA TIPC-San Jose: 0120-0410\* SP religious pgms til 0200, then EG until 0410 S/off. ID & M in EG w/reading of the gospel. F w/QRN (Braga, Concannon, McVicar, T'wald).
- 5056.9 ALBANIA R. Gjirokaster: 0350-0400 1cl Albanian polka-type mx, most mx involved stringed instruments. Good w/narrow filter, het audible on wide filter (Earhart-PA).
- 5061.3 ECUADOR Sys. Em. Prog.: 0326-0503\* lite bouncy tunes w/SP vocals, M in SP w/amnts, Ecuadorian NA, M ancw w/call letters HCEH, then S'off (Klein-FL, Wiseblood-CA).
- 5075 COLOMBIA R. Sutatenza: 0015-0255 LA mx, tkl by M in SP, ID by M (Concannon, Earhart).
- 5095 COLOMBIA R. Sutatenza: 0330-0339 Pop mx, M in SP w/tlk, ID's, heavy CW QRM (McVicar, Concannon). 0900-1128 noted here w/frequent ID's (Watts-AUSTRALIA).
- 5855 UNID 0045 M in SP w/tlk, QRM de RTTY & SP SSB UZE (Agnes 7/27). Likely a feeder-Scw
- 5877 SAUDI ARABIA BSKSA: 0115 M in AR w/ID, into al-Qur'an recitation. F (Robins 8/6).
- 5881.5 ARGENTINA LS5-R Buenos Aires: 0120 brisk SP sporting cmtry by M. F (Robins 8/3).
- 5930 CZECHOSLOVAKIA R. Prague: 0335 EG tkl & mx. Very Poor w/QRN & fading (Blaise-LA 8/1)
- 5930 COLOMBIA R. Dif. Nacional: 0500\* SP nx pgm, ID & NA, also noted on 5954 (Crawford).
- 5935 COLOMBIA R. Dif. Nacional: 0956-1015 SP tkl, gongs, ID, //11792 (Jones-MS, Zilmer).
- 5940 EUROPEAN RSFSR 5<sup>th</sup> pgm: 0435-0450 lengthy tkl in RS by 2 M, ID's, F-G (Jordan 8/7).
- 5945 AUSTRIA ORP: 0339 Military weapons discussion in EG by M&W. P //9770 (Blaise-LA).
- 5950 GUYANA GBS: 0231-0252\* M in EG, variety mx show, ID & NA (Cucura 7/19).
- 5954 COSTA RICA "Casino": 2335-0000 Walter Sidney's pgm w/old pops, ID's, ads, Xlnt til RCI S/on @ 0000 (Krueger). 0520-0601 "This is R.Stn. T-I-Q", EZ listening pop mx, NA by band. Fair-Good (R McVicar, Lobdell-MA, Boyd). 1033 SP ID's, Ranchera mx (Jones-MS)
- 5960 CANADA CBC (RCI relay): 2200-2230 EG Wld nx to ENM (Reynolds 7/30).
- 5965 NIGERIA NBC-Jos: 2240 Afro mx, ID by M @ 2300, W in EG w/nx (Moore 7/21). 0510 M in EG w/World nx, stories on Zimbabwe & Namibia. Good! (O'Donnell). (Dayen/PERU R. El Sol: 0002-0425 Pan American game coverage in SP, Pop mx (Crawford, Krueger/UNITED KINGDOM O.G.B.A.N.I: 0100-0220 "London Calling", etc. (Halsema, Davenport).
- 5970 CHINA R. Peking: \*1100 East is Red NA, M ancw in KR w/ID, nx in KR (Klein-FL). FB!
- 5980 SOUTH AFRICA R. RSA: 0202-0345 EG nx to Afr, energy savings tkl (Earhart-PA, Wlrzs).
- 5980 PERU R. Panamericana: 0730-1010 Cruddy disco mx, "R. Panamericana Discoteque" ID's, (O'Donnell, Cartwright-PA). 1010 1cl band mx, M ancw in SP (Klein-FL 7/16).
- 5985 MEXICO XERMX: 0500 was shocked to hear a RM ID, thought they are 0330\* (O'Donnell).
- 5985 ARGENTINA R. Splendid: 0001-0140 SP amnts by M, LA pops & ID's, 4-chimes (R McVicar, Krueger, Crawford). 1015-1045 "La Voz del Mar" pgm, SP tkl (Klein-FL, Jones-MS).
- 5990 UNID 0845 distorted audio, SP tkl of Nicaragua, spur from another fuy? (Jones-MS).
- 5995 AUSTRALIA RA: 0720 ID for Papua-New Guinea svce, pop mx & TC's (Gliksmen 7/7). 1130-1135 EG nx to PNG //6045 (Yajko 8/1, Boyd 7/29).
- 5995 MALI RNM: 2210-2220 Afro tribal mx, M w/tlk in FR, ID. Vy. Good (O'Donnell 7/27).
- 5995 UNID "R. Melodia": 0050-0218 LA mx, amnts in SP, several ID's (Dayen 7/20) Could this be the Peruvian reported by Meyer in the AUG. FRIENDX? See 6000 -Scw
- 5997 COLOMBIA R Dif Nacional: 0931 drifted down to 5991 in 30-minutes, gongs (Jones-MS).
- 6000 CHINA FFBS-1: 1110 W ancw in CH w/long tirade, then same by M (Klein-FL 7/14).
- 6000 BRAZIL R. Inconfidencia: 2330-0230 U.S. pop & Braz. MoR mx, several ID's, ads, long talks in PT by M (Cunningham, Moeller, Yajko, Howard-CA).
- 6005 CANADA CFCX-Montreal: 2100-2305 EG nx, ads, pop mx (Gregory, Simaschko). 0345-0900 EG mx on the hr, pop mx (5 reporters). 1220 Pop mx (Bauern Huber 7/6).
- 6005 GREAT BRITAIN BEC: 0435 M&W alternately singing operettas from Der Fleidermause (Bryan)
- 6005 WEST GERMANY RIAS-Manich: 0345-0351\* EZ listening instr mx, GM tkl (O'Donnell, Moore).
- 6005 BOLIVIA R. Progreso: 0154-0222 Pop EG mx, ID's, SP ads (Howard-CA). 1105 over the top of Reloj on some nights (Meyer-PERU). This rpt did not have a last name, I guessed that it was Meyer due to the SAM reception on other frequencies also.
- 6006 COSTA RICA R. Reloj: 0345 Usual LA vocal mx w/het, noise & QRM (Blaise-LA).
- 6010 VENEZUELA R. Los Andes: 1010-1014 "Mil Cuarenta" ID's, LA pops (Fannenwald, Klein, Jones)
- 6010 PERU R. America: 1056 SP ad string, many ID's, Pop mx. Good (Jones-MS 7/25).
- 6012.5 ANTARCTICA AFAN-MoMurdo: 1119-1205 EG Pop & C&W type mx, M ancw in EG cmnting on the popularity of various albums (Jones-MS, Valko). 2206 Pop vocals on SSB (Padula-AUS).
- 6015 BRAZIL R. Clube Pernambuco: 0805 M ancw in PT, Rooster crow, ID, Pop mx (Klein-FL).
- 6015 SOUTH KOREA RK: 1015 M ancw in EG w/cmtry, //9580, also //6135 @ 1100 (Klein-FL).
- 6020 MEXICO R. Nucleo Oro-XEJW: 1135-1138 Ranchera mx, SP ads, ID's, amnts (Klein, Jones-MS)
- 6020 PERU R. Victoria: 1020 Andes style choral mx, ID by M (Klein 7/16, Robins 8/6).
- 6025 NIGERIA Enugu: 2205-0115\*, normally to 2306\*, On late for Ramadan?, Afro pop mx, W ancw in vern., M in EG w/amnts (Krueger, Lobdell-MA, Moore, O'Donnell).
- 6025 MALAYSIA RM: 1105 CH operative style mx, W ancw w/amnt containing Malaysia (Klein-FL)
- 6025 PORTUGAL RP: 2037-2100\* EG pgm on 20<sup>th</sup> century Art & Culture. Good (Watts-AUSTRALIA)
- 6030t CANADA CFWX: 0855 Disco mx w/M ancw between selections (Wicks 7/31)
- 6030 USA VOA: 0215 During President Carter's address on 7/16, I found that by tuning in ether parallel AM, TV, FM & SW stns carrying the address that some of the stns carried the address "live", while others had a few milliseconds delay due to networking, & some had a 7-second delay -in case the President said a naughty word? (Hauser-TN).

- 6035 BOLIVIA R. Panamericana: 0020-0120 SP rx from various correspondants "Aqui Bolivia" pgm w/Andean mx, seemed to refer to the Sandinistas as terrorists (McVicar, Dayen, /
- 6035 BRAZIL R. Globo: 0040 2 M in PT w/discussion, ID's (Yajko 7/31) .(Lobdell/
- 6035 LIBERIA VOA-relay Careysburg: 0600-0625 IS, ID, "African Safari" (Minor-AZ 7/13).
- 6035 POLAND Warsaw-MS: 2245-2250 Polish aners & dance mx, haven't heard this for some months, an unusual appearance after VOA S/off, listed for pgm-III (Padula-AUS 6/30).
- 6040 GREAT BRITAIN VOA-Wooferton: 0500-0530 EG nx pgm, cmntry (Alexander 7/30).
- 6045 COLOMBIA R. Melodia: 0600-0715 LA pop mx, many ID's. Said that they would send a penman & a surprise for reception reports, to R. Melodia, Carrera 5, No. 14-80, 3 piso, Bogota. @ 0700 chimes, ID & more LA mx (McVicar, Glikman, Howard-CA, Jones-MS)
- 6045 AUSTRALIA RA: 0955 hideous mix w/Brazil & another stn w/LA mx (Klein-FL 7/16).
- 6060 ARGENTINA RN: 0858-1003 S/On anmts in SP into tlk pgm, then tango mx (Moeller 7/22).
- 6065 CANADA CBC-NS: 1033 M ancr w/wld rx, pretty good for this time of day (Klein-FL).
- 6070 CANADA CFRX: 2129-2305 Pop mx, ads, Sports nx @ 2130 (Gregory, Simaschko).
- 6072 HONDURAS LV del Junco: \*1200 M ancr in SP w/S/on proceedings, NA, Marimba mx (Klein).
- 6075 COLOMBIA R. Sutatenza: 1030 SP anmts, LA mx & ID's. F-G (Tannenwald 7/10).
- 6080 SAUDI ARABIA BSKSA: 2240-2245 Middle-Eastern mx, ID, western-type mx (Buer 7/29).
- 6080 CANADA CKFX Vancouver: 0730-0932 C&W mx, "Super Country" ID's, ads (5 reporters).
- 6085 COLOMBIA Ondas del Darien: 0940 M ancr w/tlk in SP, lcl type mx (Klein 7/18),
- 6090 ARGENTINA R. Belgrano: 0219 long SP tlk by M, into soccer coverage. F-G (Radcliff-IL)
- 6090 AUSTRALIA ABC-Sydney: 0822-1000 Polka mx "She's too fat for me", sports nx, ABC nx On the hour. 2kw barely audible (Wicks, Glikman, Radcliff-IL). (Yacono/
- 6090 LUXEMBOURG RL: 0000-0125 Rock & Disco mx, EG ads, ID (Alexander, Moeller, Davenport, /
- 6095 BOLIVIA R. Stentor: 1035 Bolivian mx, clear ID's, bad het (Klein 7/22).
- 6095 POLAND RP: \*0200-0205 W in EG w/wld rx, ID, "This week in Poland" (Cucura, Yacono).
- 6095 BRAZIL R. Dif. Sao Paulo: 0759 M in PT w/freqs., ID's, Braz. mx (R McVicar 7/17).
- 6100 MALTA DW-Cyclops relay: 0158-0202 GM pgm w/ID in EG @ 0200. Fair (Halsema-PA).
- 6180 NIGERIA FRC-Maiduguri: \*0428-0441 Drum IS, tlk by M in Afr lang (Valko-PA 7/15).
- 6101.5 VENEZUELA YVTO-Observatorio Cagial: 0900-0915 SP TC's each minute (Wicks, Boyd, Robins)
- 6105 NEW ZEALAND RNZ: 1050 oldies mx, ID midsong, EG anmts. Fair (Boyd-7/28).
- 6105 MEXICO Tus Panteras: 1230 ID, fags & SP rx and ads. Poor w/ARN (Boyd 7/29).
- 6115 PERU R. Union: 1058 many ID's, SP ads, Peruvian vocal mx, o/Colombia (Jones-MS 7/22).
- 6115 COLOMBIA LV del Llano: 0525-0926 ID, TC, SP ads, LA mx (Shaffer-IN, Blaize-LA, Boyd).
- 6120 ARGENTINA R. El Mundo: 0935-0946 M in SP w/nx, ID. Fair-Good (Jones-MS 7/11, Klein-FL)
- 6120 VENEZUELA R. Angostura: 0915 On early w/nx by 2 M in SP, Ven pop mx. Vy gd (Klein-FL)
- 6130 ECUADOR HCJB: 0830 Ending EG religious pgm w/ID, lots of QRN (Blaize-LA 7/29).
- 6135 BRAZIL R. Gaucha: Porto Alegre: 0820 PT ads, ID by M, band mx, TC. Vy Gd (McVicar).
- 6135 CHILE R.U. de Concepcion: 1103 ID, brief SP mx item re Nicaragua, pop mx (Jones-MS).
- 6140 AUSTRALIA ABC-Perth: 1125 Aussie rendition of Bob Hope classics. F w/QRN (Klein-FL).
- 6145 WEST GERMANY DW: 0216-0221 MoR GM mx //6100. Good (Halsema-PA 8/1).
- 6150 AUSTRALIA ABC-Lyndhurst: 0843 EG sports nx w/many rpts from correspondants (Glikman)
- 6150 COLOMBIA LV del Huila: 0515-1015 ID's, TC's, SP anmts, "Todelar" nx, LA mx (8 reports)
- 6155 URUGUAY R. Carve: 0020-0030 EZ listening mx, ID (Dayen 7/22). 0840-0903 SP rx by 2 Men, LA mx, ID's, anmts by M&W in SP (O'Donnell, Cartwright, Wicks, McVicar, George-TX).
- 6160 ARGENTINA R. Municipal de Malargue: 1126 Fair signal w/clear ID's (?? -NZ).
- 6160 NEW FOUNDLAND CKZN: 0240-0413\* C1cl mx. Fair (Braga 7/12, Monaco 7/19). \*0829 S/on w/"Oh Canada" & Mfld, NA, opening anmts in EG, Marine wx fcst. (R McVicar 7/17).
- 6160 CANADA CKZU-Vancouver: 0645-0800\* CBC Radio ID, C1cl mx, M ancr in EG requesting listeners rpts from throughout the listening area, NA @ S/off (Wicks, Robins 8/3).
- 6160 ALGERIA RDF Algiers: \*0452-0600+ S/on w/4-time pipe, NA by a band, ID by M in AR, into holy Koran recitations; believe the lang is Kabyl (Krueger, Saylor, McVicar).
- 6165 SOUTH KOREA KBS: \*1027 tonal chime IS, W ancr w/ID in KR, NA (Klein 7/13). 100K!!!
- 6170 COLOMBIA LV de la Selva: 0935-1016 ID by M, TC's, mention of "Caracol" ntwk, bouncy LA mx, "Buenos Dias Capital" pgm began @ 1000. Vy Good (Jordan 8/3, Moeller 7/22).
- 6170 VENEZUELA R. Nac de Ven: 0750-0915 U.S. & LA pop mx, SP PSA's, TC's, ID's (8 reporters)
- 6175 PERU R. Tawantinayco: 1025 nose flute mx, W ancr in SP w/full ID, calls, fags (Klein).
- 6175 BRAZIL R. Guarani: 0750 M in PT w/excited anmts. Strong signal (R McVicar 7/17).
- 6180 GUATEMALA R. Nac: 0510 Slow instrumentals. F (Boyd). \*1100-1135 "sa ludos" NA sung by a childrens chorus, into lcl marimba mx, ID's as "R. Nacional" & "TGW" (Moeller 7/22).
- 6180 VENEZUELA R. Turismo: 1000 LA mx, many SP ads & ID's. Good (Tannenwald 7/17).
- 6185 BRAZIL R. Bandeirantes: 0812 folk mx, M in PT w/ads & anmts. Good (R McVicar 7/17).
- 6190 CHILE R. Nac: 1135 M ancr in SP w/politically oriented tlk. Fair (Klein-FL).
- 6190 VENEZUELA Ecos del Torbee: 0958 LA pop mx, ID's & TC's. Vy Good (Jones-MS).
- 6195 ANTIGUA BBC: 0900 bow bells, EG nx, a smashing signal w/a bit of fading (Blaize LA).
- 6195 NIGERIA FRC-Sokoto: folk mx w/drums u/BBC, clobbered by RCI S/on @ 2300 (Lobdell-M.).
- 6195 Hello, DKers, My name is Steven C. Wiseblood & I have been doing this column for 18 months. I am 23 years old and am planning to major in ET at Cal Poly-San Luis Obispo this fall. Santa Maria, will remain my residence, however. And now the DX News: A lot of Latin American reports over the past month. During September European & Asian DX will arrive on 49 meters and since I can do 4-pages next month I'll be looking forward to all those Euro-Asian reports. Try at lcl SRS/SSS

73's Steve

# log report section **C**

6200-11699

PETER SCHIPELLTI

- 6250t EQUATORIAL GUINEA R. Malabo; 0506 in SP w/ African pop tunes, OM w/ SP armts and time check. Fair to Vgd with fades on July 16. Maybe the reason no one has reported hearing this lately is because they won't QSL, so why keep logging them and sending reports-HI (R. McVicar)
- 6420 USA-PIRATE KVHF; 0530-0630 EG, Pop Disco @ Rock Mx, Ids after every 3 or 4 songs, Heavy CW QRM (Orcutt 7/14, Wirsz 7/6; 6430a 0530 Concannon 7/19)
- 7001 ANGOLA R. Nacional de Huambo?; 0510-0520, PT, African tribal Mx, OM tlks, Much QRM I'st new country w/ DX-160 (O'Donnel 7/2) As per Listeners Notebook Aug '79 LN-7, page 18, This is probably Emissor Regional do Lobito. (ps.)
- 7080 CIANDESTINE: CUBA? R. Libertad Cubana; 0415-0434 SP, Rambling tlks by OM, general patriotic stuff. Two IDs as "R. Libertad Cubana", one mention of R. Rebelde. Exc. reception when not wiped out by AROs. Claimed QTH as Oriente, Cuba. Seemed to go off the air every few minutes, as if waiting for a reply. Interesting that CW and SSB QRM seemed to die down when he left the air periodically. Cuban jammers? (Cunningham 8/5)
- 7084 CIANDESTINE: FLORIDA R. Libertad Cubana; 0405 Comandante David wking ARO stations in PT as well as usual SP (Crawford 8/4)
- 7090 CIANDESTINE: FLORIDA R. Libertad Cubana; 0435, SP ID at 0446, nice signal (Valko 8/1)
- 7095 CHINA R. Peking; CH with Chinese Mx (Dayen 7/22)
- 7109.8 UNIDENTIFIED continuous military-type Mx 0655 -0715 then children singing and OM anncr in some unknown lang. CW stations a real pain and ECSS necessary at some points. Sometimes OC for 2-3 minutes, then gone completely at 0720 under AROs. WHO? (Agner 7/29)
- 7110 ETHIOPIA VoRE; 0354-0400 presumed Amharic, Early now w/ E. African Mx. New Sked? ID and time tones till VOA mess-up (Krueger 7/11)
- 7110 GREECE VOA-Rhodes; \*0400-0415 AR, EG ID into AR Pgm, fair over VoRE, rapid fade (Krueger 7/11)
- 7140 MONACO TWR; \*0445-0515\* OM, Music Box ID, OM ID then into Rel pem w/ hymns @ sermons, vy good (Jordan 7/14)
- 7160v UNIDENTIFIED R. Guaptala (or Juaptala?); 2250-2303\* SP, political tlks against Castro and Sandanista Rebels, QTH?, SP SSB QRM (Buer 7/29)
- 7164m SAUDI ARABIA BSKSA; 0010 AR Korantic chants, tlks, light on the Mx at 0045. quick check of 7, 9, 11 and 15 MHz found no // thought heard mentions of Riyadh at 0100 but not sure due to SSB QRM Fair-Good (Agner 8/19)
- 7170 NEW CALEDONIA R. Noumea; Fr, 0715, Rock and Disco Mx, "American Top 40" jingle (Concannon 7/16)(Agner 7/29)(Cucura 7/10)(Wicks 8/10)
- 7175 SICILY RAI Caltanissetta; 0445-0530 IT, great signals the past few nights w/ Easy Listening Mx, Mx and such. ID (O'Donnell 8/8)(Crawford 7/13)
- 7175 LIBERIA VOA Monrovia; 0715 FR pgm (Dayen 7/21) More program details?? ps.
- 7185 GERMANY (EAST) Voice of GDR; 0045 classical Mx to 0100 ID, possible Mx? Fair till covered with QRM at 0115 (Crawford 7/19) This is listed as 5 kw in '79 WRTH. ps.
- 7190 YEMEN DYBS (Aden); 2150-2205 AR, Pgm of Arabic music-vocal & instruments. crowd cheering after each selection. No sign of them signing off then. Good (R. McVicar 7/28);\*0300 AR (Wicks 7/22)(Cartwright 7/22)(O'Donnell 7/22)
- 7190 PHILIPPINES VOA; 1145 EG Music USA W/ Frank Sinatra (Grenier 7/22)
- 7195 ALGERIA RTA; 0455-0504 FR, Carrier, anthem at 0500 by band, OM w/ opening armts, YL with talk & piano Mx. vgd July 21 (R. McVicar)
- 7215t BRUNEI RTVB; 1010-1105 CH, tlk by OM then YL joined @ 1025, at 1030 brief pause, then ID w/ def mention of Brunei, Radio Drama, YL w/ tlks, NA F-P (Jordan 8/3) (Wicks 7/22)(Moore 7/22)(Dayen 7/22)(Robins 8/3)RTVB was supposed to have left Short Wave on September First. ps.
- 7215 IVORY COAST R. Abidjan; 0625-0650 FR, tlks then into U.S. Pop and MoR Mx, song by Johnny Nash, a piano @ orch selection, theme Mx from various U.S. film cartoons, ID. (Jordan 7/22)(Sears 7/12)(Alexander 7/30)(O'Donnell 8/9)(Gregory 7/28)(Dayen 7/21)
- 7225 TUNISIA RTT; 0430, Normal chanting by a group of men led by what sounded like a very ill man. Great signal (Wicks 8/8) What Lang?? WRTH list Arabic. ps.
- 7225 RWANDA Voice of Germany; 0430 EG, Mx abt Africa, ID (Alexander 8/6)
- 7245 ANGOLA R. Nacional; 0435-0445 PT, Afr Mx w/ choral chants led by male singer with backup instruments and drums. OM ID at 0440 Fair-Poor (Jordan-7/6)(No Name)
- 7245 CIANDESTINE (ALGERIA) Voz de la Resistencia Chilena; 0025 noted in clear w/ little ARO QRM for once. Anncd ridiculous // of 890 KHz (Crawford 7/10) Was this EG? ps.
- 7255 NIGERIA Voice of Nigeria; \*0455 EG, ID by YL, sked, IS (Valko 7/15)

- 7265 GERMANY (WEST) Sudwestfunk; 0340 GR, usual rock and pop Mx, with GR talks, very heavy ARO QRM (Blaise 7/31)(Jordan 7/6)
- 7270 SOUTH AFRICA RSA; 0520 Lozi, Pop central Afr Mx, CM DJ, Good (D.W. Johnson 7/15)
- 7275 CHINA Guizhou; 1040 Chinese Music (Moore 7/22)
- 7280 LIBERIA VOA Monrovia; 0345 EG, tlk abt farmers feeding animals, slow EG (Blaise 7/31, 7300)
- 7300 AYBANIA R. Tirans; \*0200 Albanian, IS, ID as "Ju Flet Tirans" (Valko 7/14)
- 7315 CLANDESTINE R. Sandino; 0645-0710 in Spanish with speeches, choral marches, ID'd once or twice. Very exciting program indeed, vgd July 17 (R. McVicar); 0420-0500 Spanish CM w/ Anti Somoza speech w/ reference to Sandinistas, Nicaragua and the revolution, IL w/ patriotic speech, Pop and rev Mx. Jammer w/ two cries of "Viva Somoza", good signals (Jordan 7/12) Much more Clandestine to follow so read on ps.
- 7316 CLANDESTINE R. Sandino; 0535-0650 SP, IA Mx, March type Mx, talks, ID woman announcer (Alexander 7/13)
- 7317 CLANDESTINE R. Sandino; 0400 SP. R. Sandino was last heard on the 7 MHz band on 7/19, just after Somoza had departed and the Sandinistas were taking over. Checks 7/20, 7/21, 7/22, 7/23 and 7/24 around 0400 and occasional other times and subsequent dates turning up nothing on former R. Sandino frequencies or, of course, from the nearby jammers either. However this report includes Sandino loggings in the July 2 to July 19 period. After having been on 7702 for a while, R. Sandino noted back on 7317 on July 10<sup>th</sup> at 0415 with ID, march, not having been on a few minutes earlier at last check, and on before the other Sandino freq or the jammers-- listing (captured?) firearms, e.g, Sherman tank, machine guns, mortars, etc., and casualty count : 0426 jammer comes on hetting with variable pitch, as with Mx, it tries to zero beat, but is to unstable. 0435 "la dictadura somozista esta derrotada" but not his jammer, now no problem way up on 7321 with Mx. On 7/13 on at 1155 check with eloquent speech, R Sandino was 7/19 at 0410, this frequency only at this time, no jamming; wild claims of victory: 0417 "Somos libres", etc., really wild yelling of "patria libre", etc. 0430 something strange--music gradually fades down and RTTY, hi speed, cross fades up, seemingly from same transmitter at 0433, same thing in reverse; 0434 "transmitimos desde Nicaragua libre"; 0439 among that Mexico had recognized Sandinista govt. At 0449 while also trying to listen to Larry King on WSB-750 interview SF writers, started to hear same program on 7317 in // on 750, so at this point they were operating Somoza's former Estacion X. 0500 "our Sandinista chiefs will tell us what to do" 0516 tune out. No further SW xmsns necessary or heard until July 28 11727-11733v (Hauser)
- 7318 CLANDESTINE R. Sandino; 0430+ machine gun rhythm drum, slogans, frequent IDs, (J. Rubin 7/18)
- 7320 CLANDESTINE Unidentified; but suspect Somoza clan. station. 06450710 with no talk, just pop Mx, vgd but modulation not as good as that of R. Sandino (R. McVicar 7/17)
- 7322 NICARAGUA Somoza's music jammer audible 7/10 at 12h0, but no Sandino (Hauser 7/10)
- 7325 GREAT BRITAIN BBC; 0212 EG, British Press Review (Halsema 7/29)(Simaschko 7/22)
- 7345 CZECHOSLOVAKIA R. Prague; \*0100-0157\* EG, Nx, cmntry, "Sports", "Introducing Czech" "Hailbag", Mx //11990 vgd (Fraser 7/3)(0336-EG Blaise 7/31)
- 7375 U.S.A.? Pirate Green River Radio; \*0418, Mx by "Richard Nixon" meeting of L.A. flat earth society, Honolulu liquor store robbery, guitar chords, Modulation slowly fading into open carrier. "The Voice of the Bayou Country" would appear to have a strong carrier. Too strong in fact to be in Louisiana. Only 5 min. of pgm. More than 30 min of OC. Please QSL (Joel Rubin, Box 819, Berkeley, CA 94701 8/7)
- 7500 AUSTRALIA VNO; Lyndhurst w/ usual TP and CM ID at 0640. 'Tis an unusually early ps. showing for this station (Agner 7/29) If conditions are JUST right anything's possible.
- 7504a CHINA CPBS HS-1; 1152 woman w/ long Chinese talks. Fair (Radcliff 7/28)
- 7511 UNIDENTIFIED 1138-1200+ YL in lang. between oriental string Mx, some vocals. Very strong. Would guess Vietnam but nothing formerly found on //9840 (Radcliff 7/27)
- 7516 CHINA R. Peking; 1155-1204 CH, ID, East is Red, tlks, Time Ticks (Valko 8/10)
- 7587 CLANDESTINE R. Sandino was on this freq on July 10 at 0505, but weak and QRM'd tho no jamming and not //7317. 7/17 at 0400 this was on but not 7317, marimba and song about National Guard, at first thot jammer, but 0405 R. Sandino ID, hit at 0406 by Mx jammer VFOing around. 7/19 at 0442 was on by 0442 tune in, 7317 having been on earlier, announcing Mexico recognition, and it seems consistently to run about 2 1/2 minutes behind program on 7317/750. Last time heard (Hauser); 1137 ID and March Mx, some distortion (Buer 7/14)
- 7588 CLANDESTINE R. Sandino; 0423 SP, YL talks, same Somoza stuff (Shaffer 7/17)
- 7698 CANADA? Unid station relaying CHFI Toronto. Heard w/ pop Mx. 0425 ad for Kentucky Fried Chicken & Wintario lottery. disappeared around 0436 (R. McVicar 6/16)
- 7702 CLANDESTINE R. Sandino; was using this instead of 7317 for a while; 7/3 0430 saying any aid to Nic Red Cross goes into the power of 'war criminal and genocidist' Somoza; 0420 7/4 Mx, lo varying het, no others on yet. 0558 ID, 0605-0614 open carrier, assumed s/off, but 0614 resuming Somoza critique. By 7/10 7317 (Hauser)
- 7707 NICARAGUA Caribbean Mx jammer 7/4, easily seperable from Sandino 7702; on this audio was phone quality (Hauser)
- 9020 CHINA CPBS-2; 1147 CH, CM @ YL tlks, 6 time pips on the hour, psable ID (Valko 8/11)

- 9022 IRAN VOI; 2316 Persian, Iranian orch Mx w/ vocals, OM DJ (Earhart 7/9)
- 9120a ARGENTINA R. Rivadavia; 0030-011h SP, xInt w/ soccer coverage //5882 w/ no delay  
8996 and 10680 channels dead (Krueger 7/28)
- 9375 GREECE Voice of Greece; VOG found here on July 29 at 0250 after hearing on 9935, both of which are 280 KHz from regular 9655 Fq; and 9515 is halfway between, 1h0 KHz away. Some kind of second order transmitter mixing product. I guess (Hauser) see 9935.
- 9410 GREAT BRITAIN BBC; 0702-0712 EG, world Nx till 0709 then News about Britain. good (Halseth 8/6)
- 9475 EGYPT R. Cairo; 0231-0255 EG, 15 minutes of Arabic Mx, then "Listeners Mail" vgd but modulation not so hot (R. McVicar 7/1h)(Sears 7/11)(McKinney 7/16)
- 9490 COSTA RICA R. Noticias del Cont; 0435 SP, OM w/ list of numbers, ID by YL, IA Nx Items, class guitar Mx, Exc. (Jordan 8/6)(Alexander 8/6) This station had been mentioning that it would reactivate 9490 for the evening transmission 0000-0500 as of August 1st and apparently they have. ps.
- 9500 USSR Pacific Ocean Radio Station; \*0710-0808\* RS, Brief Mx psible IS, ID @ tlk by OM, NX and several mentions of Moscow by YL, at 0730 OM w/ EG "Pacific Ocean Radio Station" into Mx w/ YL vocalist @ male chorus, orch Mx, Russian folk songs. Fair (Jordan 7/29)
- 9500 USSR Magadan; 1020 RS, good signal w/ very strange opera type Mx (O'Donnell)
- 9505 DOMINICAN REPUBLIC RTVD; 01h7 SP, w/ pop song called "Baile con Padre Juan" at 01h9 ID by OM -- "La Onda Internacional de Radio Television Dominicana". anned next song @ more pop Mx. Very strong (R. McVicar 7/1h)(Crawford 7/15)(Alexander 8/6)(Klein 7/11)(Cucura 7/18)(Shaffer 7/18)(Padula 7/6); 1602-1607 SP (Valko 8/12)
- 9505 MONACO TWR; 0800 EG, Mx interludes, OM annor -- "This is Monte Carlo. You are listening to a test transmission." good (Klein 7/7)
- 9505 JAPAN R. Japan; 1200 EG, IS Asian Nx (Yajko 8/1); 1h20 EG (Hensley 7/18)
- 9515 URUGUAY SORDE; 2300 SP, tlks by YL, psible radio drama, vy poor (Jordan 7/29)
- 9515 TURKEY VOT; 2130 EG, OM w/ Nx, 2315 DX News, //11955 (Johns 7/7)(Sears 7/13)
- 9520 PAPUA NEW GUINEA NBC; 0602 EG, world and local news. ID -- "This News comes to you from the N.B.C." fair (Klein 7/11)(Minor 7/13)
- 9525 UNIDENTIFIED Instrumental pop Mx, played mostly on piano; abrupt s/off leaving R. Korea in the clear @ 1026. Strong local strength level (Lobdell 7/26)
- 9525 SOUTH KOREA R. Korea; \*1000-1030\* EG, ID, OM w/ Nx @ cmtry, "Listeners Corner" Cucura 7/30)(Zilmer 7/30)
- 9525 POLAND Polskie R.; 0210 EG, tlk abt Polish-American relations (Yajko 7/11)(Yacono 7/23); 0000 FL, //11815, 7270 (Zilmer 7/29)
- 9535 CANADA RCI; 0300 EG, Nx followed by 2 feature articles, vgd (Berzonsky 7/15)
- 9545 SOLOMAN ISLANDS SIBS; 0610 Pidgin, popular Mx request show, National Nx in EG at 0745. Half hourly annct asking islanders to look for 12 people in lifeboat, survivors from a ship that sunk that afternoon (Carbis 7/13); 0720 EG (George 7/12)(Fisher 7/29)(O'Donnell 7/27)(Sears 7/16)(Robins 8/3)(Klein 7/7)(Radcliff)
- 9570 ROMANIA R. Bucharest; 0212 EG tlk abt Socialism in Romania (Yajko 7/11)(Yacono 7/23)
- 9580 ZAMBIA R. Zambia; 0520-0530\* Vernacular langa, OM w/ anncts @ chatty talks, positive ID plus many mentions of Zambia, 2 catchy rock beat instrumentals. Fair (Jordan 7/1h)
- 9580 SOUTH KOREA R. Korea; 1025 EG, Australian expert on Korean drama. Fair (Robins 8/3)(Klein 7/22)(Grenier 7/23)(Jordan 7/19)
- 9585 CLANDESTINE Voice of the Communist Party of Turkey; (see July Listeners Notebook for details) 0555-0630 in presumed turkish. 7 note interval signal till 0600, then a bit of choral Mx, ID by OM starting w/ "Burası", more choral Mx, then psible Nx or Cmtry, more choral Mx and a bell at 061h. more choral Mx @ tlks till closing at 0628 w/ short portion of "The International" by choir. 0630\*fair signals (R. McVicar 7/10, 11, 12 @ 1h)(Valko: 8/13)
- 9585 BRASIL R. Jornal do Sao Paulo; 0930 PT, ads inclding Chevrolet cars, IDs and chimes. This used to be R. Excelsior, name change? (Robins 8/6)
- 9590 NORWAY R. Norway; 0830 EG, OM ID, request for reports, vy weak (Klein 7/8)
- 9610 ALGERIA RTVA; 2010 EG, OM w/ Nx wx @ ID, disco and US pop tunes (Cucura 7/28)
- 9610 MONACO TWR; 0625 EG "Revive Your Hearts" Good (R. McVicar)(Sears 7/12)
- 9615 COSTA RICA R. Noticias del Cont; 03h6 SP cl guitar Mx, ID by OM & YL at 0353 "A continuacion en T-I-R-N, Radio Noticias del Continente, transmitida su emision informativa de...intiendo para todos los pueblos de Latinoamerica, desde San Jose, Republica de Costa Rica, con entrevistas, comentarios...sobre los principales sentimientos de hoy. Vamos ahora a los titulares de esta emision." tlk abt situation in Nicaragua, strong but bad QRM with KGEI after 0400 (R. McVicar 6/27)(Crawford 7/20)(Yacono 7/12)(Klein 7/11)
- 9630 CHILE R. Agricultura; \*1000 w/ full SP ID by OM mentioning MW, SW & FM freqs., officers and management of the company also mentioned. Vgd (Robins 8/6)
- 9633 COLOMBIA R. Nacional, Bogota; 09h0 lite Mx w/ the most incredibly poor modulation I've heard in a long time: raspy w/ spurs on both sides, vgd level (Robins 8/6)
- 9670 PORTUGAL IERA; \*20h5-2100\* EG, ID & rel pgn @ Mx (Cucura 7/20) //(Dayen 7/21)
- 9675t PERU R. del Pacifico; 0315 SP, guitar/orch Mx, tlks, psbl ID, weak. (Jordan 7/20)
- 9675 BRASIL R. Diario da Manha; 0950 PT rel pgn by OM & YL giving Sao Paulo mailing addr., probably an American missionary effort, vgd (Robins 8/6)(Klein 7/13)

- 9690 ROMANIA R. Bucharest; 0130 EG, Nx abt Queen Elizabeth 2nd (Byron 7/22)
- 9694T CAMBODIA ; 1205 EG, Following a tip an R. Australia, that Voice of Kampuchean People external service had belatedly begun, w/ EG at 1200 only, checked 7/29 and did hear EG Nx at 1205 tune in, bits of Mx, 1214 "Closing our transmission for today." Very tough copy, het on high side, and no ID heard, but very likely this (Hauser 7/29)
- 9695 CAMBODIA Phnom Penh, good signals at \*2300 in Cambodian. Audible past 2345 for our local morning. Previously only weak levels, suggesting a higher power facility now in use. also our local evenings from 1100 s/on Cambodian (Padula-Australia 6/30)
- 9695 BRASIL R. Rio Mar; 2310 PT, choral Mx (Moore 7/21)(O'Donnell 7/21)(No Name 7/21)
- 9720T CAMEROON R. Yaounde; 2240-2300 FR, Afr pop Mx, XI w/ anncts, closing ID & anncts at 2258, followed by anthem "Chant de Ralllement" by band. good (R. McVicar 6/26)
- 9725 SWITZERLAND SRI; \*0430 EG, Nx & Mailbag to w/cNA. //11715, 15305 (Gregory 8/5)
- 9740NF CZECHOSLOVAKIA RF; 2350 inter-pgm, QRM from DW/9735 (Buer 7/15)
- 9750 CHILE R. Mineria; 1031 SP, Wx rpt & Nx about Nicaragua (Halsema 7/31)
- 9770 AUSTRIA ORF; \*0130-0155\* EG; 0256 GR; 0300 EG; 1000 EG (Many reporters)
- 9780 YEMEN ARAB REPUBLIC R. Sana; \*0258 AR, bird chirping IS, ID, NA, Koran recital cuntry by OM, AR Mx (Taylor 7/21)(Bauernhuber 7/4)(Cucura 7/10)(Fisher 7/21)
- 9785 BYELORUSSIAN SSR R. Minsk; \*2130-2200 BYRS, IS, ID & Nx, patriotic Mx, Fair (Jordan 8/2)(Braga 7/17)
- 9800 USSR R. Kiev; 0045 EG, DX pgm 0058\* exc (Monaco 7/26)
- 9805 EGYPT R. Cairo; 2325-2345\* ID at 2325. Mx (Watts-Aust 7/15) Was this Eng? ps.
- 9815 ISRAEL IBA; 2245 EG, Mx, tlk abt how the population moves around in Israel & scarcity of housing. good (Earhart 7/23)
- 9835 HUNGARY R. Budapest; 0405 EG, DX pgm (Simascho 7/7); 0303 EG (Halsema 7/31)(Reynolds 8/5); 0200 EG (Brouillette 7/4)(Davenport 7/8)(Gramarossa 7/2)
- 9850 EGYPT R. Cairo; 2152 AR, drama, 2200 ID "Hono Kahira" (Halsema 8/1,6)
- 9935 GREECE Voice of Greece; 0030 weak but definitely hear on 7/29 //9515, 11730, 9655 and upon later check, 9375. This is a second-order mixing product, transmitted 280 KHz from 9655. There was probably another one on 9795 (140 KHz between), but too much QRM to tell (Hauser 7/29): 0045 alternating YL/OM w/ tlks. lovely guitar Mx almost Hebrew in nature. AR singing by YL. Fading an occasional problem. Carrier off and on at 0148. then back on at 0149 w/ test tone. Tone extremely weak and gone at 0150 but still strong carrier. Faint tone back on at 0151, then off at 0152. (Agner 8/22)
- 9977 NORTH KOREA R. Pyongyang; 1108 EG, Nx, tlks (Wicks 8/10)(Boyd 7/28)(Slomka 8/9); 1033 JP (Halsema 7/31); 1230 EG (Dieckmann 7/13); 1605 EG (Carbis 7/21)
- 10060 Vietnam VOV; 1057-1102 JP/VN JP till 1100 time pips, then VN pgm weak (Halsema 7/31)
- 11600 CLANDESTINE Voice of Democratic Kampuchea; 1200 Cambodian lang, tlk by YL (Dayen 7/22) ; \*1200 Khmer lang, NA, ID?, mention of Vietnam. //11990 (Boyd 7/28)
- 11620 INDIA AIR; 2055 EG, local vocal Mx, OM ID @ 2100 poor (Johnson 7/4)(Slomka 7/23)
- 11620 ISRAEL IBA; 0410 HB, OM DJ w/ cl Mx (Johnson 7/11)(Earhart 7/4)
- 11630 USSR R. Moscow; 2200 EG, Nx cuntry, Moscow letterbag //25275 (Zilmer 7/31)
- 11633 ALGERIA RTA; Tnx to Larry Magne, RTA heard on this new freq on 7/21 2105 Waf Mx, Arabic; 7/22 0005 opening SP pgm "Voz de la Resistencia", clandestine for Chile, closing at 0033 claiming the pgm begins at 0100 and giving other freqs such as 9660 and 9515? : off by 0035. At 0500 check, on agn w/ 3 pip time signal (other times it has been 4 pip). //11810 and 7195, RTA Arabic fqs. At 2000 EG pgm as sked from Algiers but not on this freq, surprisingly tightly-produced but horrible DJ/ disco pgm; 2031 international service in SP. Oh yes, at 0003 a // of 7246 was found. Checked most days thru 7/29, and still going on 11633. Could be accidental freq. Algiers is so well-known for (Hauser)
- 11685 SAUDI ARABIA BSKSA; 1957 AR, OM w/ prayers ID @ 2000, brief march Mx, OM w/ Nx. Fair (Johnson 7/4)(Jordan 7/21)
- 11690 KUWAIT R. Kuwait; 1907 EG, American Pop songs w/ misc tlk interspersed. adj utility QRM, May replace 15345 as not noted at this time (Buer 7/8)
- 11695 CHINA R. Peking; \*1300 FR, IS, ID, Nx to SEA. exc (Krueger 7/25)

\*\*\*\*\*  
 Greetings from Minnesota! Starting this month, I will be turning over Log Report C to the capable hands of Peter Schipelliti. Having previous editing experience, I am confident that Peter will do an excellent job! I would like to thank all who have contributed to Log Report C while I was editor! In addition, I would like to express my sincere appreciation to Mac Leonhardt and Bill Oliver for the magnificent job they have been doing with NASWA!!! Keep those reports coming! Best of DX & 73! Tom Gavaras  
 \*\*\*\*\*

Thanks for the kind words Greg. You have done a good job with IR-C and I hope that I can match this. I guess a few words of introduction are in order. I am a Freshman at Northern Essex Community College, and am majoring in Engineering Sciences. This issue marks my 5'th year of NASWA membership. I also belong to SpeedX, Andex, Neds & The BAD GUYS. I am also a general class amateur. "WBIGEX". Next Boston Area DX'ers meeting will be at my place on Sunday Sept 23'rd starting at 1 PM. Call me for info at 617 272-3142 *John 9/35*

# log report section

11700 TO 17699



BOB BROWN

- 11700 CUBA RHC; 2200 EG News, cmntry, mx at 2256, IS, ID (no name)  
11705 SWEDEN RS; 0243 EG, Tk on inflation & oil crisis (Yacono-NY); 0205 0215 EG, "Swiss Merry Go-Round" (Simaschko 7/29)  
11720 E GERMANY RBI; 0448-0455 EG news & ID, QRM from both sides. (Buer)  
11720 USSR RMWS; 1511-1900\* EG news & cmntry, DX pgm, Soviet Panorama (Johnson 7/14); 0215 EG, sports & news (Simaschko 7/29); 0330 EG, ID, tk on Salt treaty, Astronauts, //11720, 11750 (Hensley-Tx 7/19)  
11725 S KOREA RK; 1015 EG, "Mailbag", freq & time scd. (Zilmer 7/30)  
11733v NICARAGUA R Sandino; 1500-2050 SP, Daily since 7/24 w/ pgms much like old 7587, I assume its from the old transmitters. (Krueger)  
11735 USSR R Vilnius; 2310 EG interviews w/ Athlete & artist (Monaco)  
11735 USSR R Rodina; \*2330-0000 RS, tks, ID, folk mx (Jordan-Pa 7/15)  
11735 USSR R Kiev; 0300 EG news, cmntry, freq scd, (Zilmer 7/31)  
11750 UK BCBWS; 0204-0220 EG news, "People & Politics (Halsema, Simaschko)  
11750 VIETNAM VOV; 1145-1230 Lang, Heard, Kampuchla, Hanoi, (Jordan-Pa)  
11760 CUBA RHC; 1530, usual stuff at powerhouse level, but interesting to note-weak cross-mod from IRTS "Bagpipe" marker. (Crawford 7/9)  
11760 GREECE VOA; 2130-2135 EG World Report, good (Halsema 8/6)  
11765 CHILE VOC; 0240-0300 EG tks on cost of living, blkmtk in USSR (Minor)  
11780 BRAZIL R Nac.; 2030-0245 PT, ID, Pop mx, Adds, Under R Moscow but good Johnson 7/11, Kelly 7/31, McClellan-Mi 8/2, Yajko 7/31)  
11780 JAPAN RJ; 1308-1316 Lang, Many R Japan's IDs (Kreuger 7/25)  
11785 ANTIGUA DW; 0750-0830 EG DX news, & World news (Kelly 7/14)  
11790 INDONESIA VOI; 1430 EG ID, address, cmntry into Lang (Gregory 8/2)  
11792a COLOMBIA R Nac.; 0150-0230 SP, "Jingle" IDs, "Putbol" game (Jordan) 0930 Full SP IDs, SW & FM freqs, into "Morning pgm" (Robins 8/3) 1300 SP s/on with ID (Daxen 7/18)  
11795nf GUAM KTWR; \*2130-2200\* JP, New frequency- ex 11775 (Padula 7/13)  
11800 ITALY RAI; 1945-1955\* EG ID Tk on stamp collecting. (Gregory 7/21) \*0100-0120\* EG news, tk on Nazi crimes, (Davenport, McKimney 7/8,15)  
11805 BRAZIL R Globo; 0935 gabby DJ w/ morning pgm. fair (Robins 8/3)  
11805 USSR RM-Tbilisi; 0115-0130 SP, IDs, Talk, Mx //11920 (Jordan-Pa 7/12)  
11805 SEYCHELLES FEBA; \*0435-0442 EG to E Africa, s/on 45 min. late (Buer)  
11810 ITALY RAI; 0115 EG news, music, fair/good (Smith 7/25)  
11810 INDIA AIR; 1350-1400 EG GOS to SE Asia. After DW s/off (Buer 7/8)  
11815 BRAZIL R Brazil Central; 0940 ID by M between records. (Robins 8/3)  
11815 JAPAN RJ; 1420 EG talk on Vietnam Boat People. (Grenier 7/27)  
11815 POLAND R Warsaw; 0200 EG, "This week in Poland", Sat. Nite hit Parade, Tk on Warsaw Uprising. (Bragg, Byron, Dieckmann, Hesch)  
11820 UK BBC; 0403-0407 SP World news to Latin America. (Halsema 8/7)  
11825nf ECUADOR HCJB; 0830-0900 RS, This new freq. replaces 11835 (Padula)  
11825 SOCIETY ISLANDS R Tahiti; 0600 TT, Native Mx w/ applause (Concannon)  
11830 USA UN Radio; 0030-0059 SP program into IDs in SP & EG (Valko 8/11)  
11835 HAITI 4VEH; 1140-0000\* EG Religious pgms, news, IDs (6-Reporters)  
11835 SRI LANKA SLBC; 1030-1100 EG ID, Pop Mx, News, fair (McClure 7/14)  
11840 CUBA R Moscow relay; 1512-1527 EG, "Radio Newsreel" w/ tk on R Sandino (Gregory 7/25); 1645 EG, Rock Mx & lousy jokes (Crawford 7/20)  
11850 USSR RSP&P; 0357-0403 SP, IS into news, fair (Halsema 8/7)  
11880 AUSTRALIA RA; 1200-1436 EG IDs, news, tk on Biorythm. (Grenier 7/26, Simaschko 8/4, Slomka 8/9, Yacono-NY 7/21)  
11880 PAPUA NEW GUINEA NBC; 0705-0715 EG adds, Mx requests //9520 (Wirsz)  
11880 SPAIN SFR; \*0005-0202 EG, News, "Grass Roots", "Spanish Sports Page" "Weekly Press Review", (Jordan-PA, Halsema, Semesky 7/23, 25, 28)  
11890 E GERMANY RBI; 0330-0411 EG, IDs, news, Talks on sports & nuclear disarmament, "Letterbox", (6-Reporters)  
11895t UNID RFE; 0613-0620 Lang, Talks & Ballads. Usually jammed (Earhart)  
11895 USA VOA-Bethany; 0202-0206 SP news, "Listeners Club" (Halsema 7/24)  
11905 W GERMANY DW; 0605-0613 EG cmntry, noisy & lite QRM, (Earhart 7/21)  
11915 ECUADOR HCJB; 0600-0605 EG Religious talk, very strong (Earhart)  
11920 USSR R Kiev; 0315 EG, "DX Club", Ham radio pgm, (Hensley-Tx 7/19 ;  
11920 USSR R Baku; 0050 SP, ID, News, Music, Cmnty (Alexander 7/26)  
11920 USSR RSP&P; 0400 SP news on Nicaragua, (Wirsz 7/28)

- 11925nf IRAQ R Baghdad; 2310-2320 EG/AR, EG news into AR talk (Buer 7/22)  
\*0300-0400\* EG IDs, IS, Arabic Mx on EG program. (no name, 7/26)
- 11930 CUBA RHC; 0225 EG Sports report, Contest news, (Simaschko 7/29)
- 11940 ROMANIA R Bucharest; 1800 GM, IS, ID, (Klein 7/17); 0140-0145 EG, "Mailbag Pgm", (Davenport 7/9); 0405-0422 EG news, ID, Music, tried all other frequencies but this was the only one w/ EG. (Earhart 7/4)
- 11960 USSR RMWS; 1800 EG news, Clock chimes, fair (Boyd 7/28)
- 11970 E GERMANY RBI; 0100-0117 EG talk & music but hv yrn, //9730 much better (Earhart 7/19); 0150-0205 GM news & cmntry (Sobelman 7/23)
- 11975 E GERMANY RBI; 0330 EG news, music, sports cmntry, (Reynolds 8/5, Zilmer 7/31) (the announced freq is 11970 but I also get it 11975-ed)
- 11990 USSR Unid; 1125-1132 RS, IS, Music, Talk, (Earhart 7/27)
- 12000 USSR RMWS; 2100 EGID into news program. (Sears 7/13)
- 12000nf S KOREA R Korea; 1241-1248 EG, ID, IS, good (Valko 8/11)
- 12012H COSTA RICA R Relaj; 1630 & 0745 SP, 2x6006-not heard (Buer, Dayen)
- 12020 USSR RMWS; 0537-0548 All music no voice. (Earhart 7/21)
- 12050 EGYPT R Cairo; 0210,0245 EG news, AR Mx, (Halsema 7/24, Goodman 7/31)
- 12128 UK BBC; 2245 EG, Feeder- EG on LSB & CH on USB, QRM-Ute (Buer 7/21)
- 12200 UNID 1200-1210 Lang, Feeder, Rock Mx on SSB, not Peking, (Valko 8/12)
- 14840 USSR RM-Mayak; 1630 RS, IS into barely audible nx on SSB (Crawford)
- 15012v VIETNAM VOV; 1845-2045 EG ID, news, cmntry, Mx, poor (5-Reporters)
- 15030 CHINA R Peking; 1330 CH talk by M, good (Reynolds 7/31)
- 15038 SAUDI ARABIA "Holy Quaran Station"-Riyadh; 1740 AR talk (Robins)
- 15075 AFGHANISTAN RA; \*1900-1930\* EG news, ID, Political cmntry, 5-min. tape of Foreign Ministers Speech, some QRM from BBC on 15070 but very poor, which is unusual for a clear frequency. (12-Reporters)
- 15084 IRAN VOI; 2035 Persian talk by W (Wicks 8/12); 0020-0040 Persian, Prayer like chants by OM, IS, ID, more exotic Mx (Jordan 7/20)  
2115-2125 they played music contrary, to A. K.'s declaration, so maybe there's some hope yet; even aired some Mozart! (Hauser-Tn 7/29)
- 15085t CHINA R Peking; 1845-1855 FR talk to Eur/AF, poor & fading, QRM from NIRT on 15084. Anyone else hear-this? (Buer 7/22)
- 15085 USA VOA; 1830 FR, very weak //15195 a spur hetting Iran. (Hauser-Tn)
- 15100 LIBYA SPLAJ; 2015 AR ID, Chimes, Talk & Music (Saylor 7/15);  
2105, Noted here w/ Mx. They are running two powerful xmtrs on adjacent freqs just 5 khz apart, in //. Makes it seem like a very wide channel, but the FRG-7 could hear the 5khz het between. (Hauser)
- 15105 GRENADA RFG; 2047-2100 EG ID, Birthday Greetings, Mx, (McClure-Ky)
- 15110 USA WYFR-Scituate; 1758-1835 EG news, ID, Music, (McCants 7/10)
- 15115 ECUADOR HCJB; 1330-1355 EG ID, "Morning in the Mountains" (Semsky)
- 15120 NIGERIA VON; 0535 EG news, ID, (Goodman 8/6); 0600 several EG IDs by M, said would cover the "carrying on" of the British Prime Minister at the Lusaka Commonwealth conference. //7255 both good (Robins)  
0845 EG News by M (Wicks 8/79); 2100 EG, VON has some really interesting pems, such as "Africa This Week", heard it under great difficulty w/ het & Vatican on 15120. Can hardly wait until they get the Nam svc going, late 1979 or early 1980. (Hauser--Tn 7/21)
- 15120 SRI LANKA SLBC; 1815-1823 EG news & cmntry on India. (O'Donnell 7/27)
- 15125nf NORWAY RN; \*1855-1905 NO, IS, s/on in NO & EG, QRM SRI-co channel ex-15175 (Poor management) (Buer 7/22)
- 15125 SWITZERLAND SRI; 2200-2225 GM, Swiss Acordian Mx, ID, (Earhart 7/4)
- 15130 USSR RMWS; 0605 EG talk about Soviet Games (Concannon 7/16); 0735-0755 EG talk on animals, DX tips, music, (Minor-Az 7/9)
- 15135 BULGARIA R Sofia; 2130-2200 EG World news & cmntry into R Kiev's Ukrainian svc at 2200. Site is in Bulgaria, the same as for 9700 also used for USSR/Bulgarian svc. (Earhart 7/4, Padula 7/13, Reynolds 8/1)
- 15135 USSR RMWS; 1325 EG Worls news, cmntry on "Sparticade Games" (Yacono) 2300 SP, to Latin America. (Simaschko 7/22)
- 15140 CHILE R Nac; 0000 EG news, cmntry on "Energy" (Reynolds 7/30)
- 15140 USA VOA-Greenville; 1950-2000 EG, "Magazine"pgm (Hoffmann 7/16)
- 15150 CHILE VOC; 0013-0017 EG talk on economy in Chile. QRM (Brouillette)
- 15160 AUSTRALIA RA; 0600 EG news (Bauernhuber 7/5)
- 15165 DENMARK RD; \*1700 EG ID, IS into DN news. Mix w/ Unid. (O'Donnell)
- 15165 UNID 1630-1730 Lang, Tk & Mid East Mx, noisy-jammed? (O'Donnell 7/27)
- 15165 ECUADOR HCJB; 0800-0825 EG, "DX Partyline", "Happiness Is", Requirements for QSL card given. (Blaize-La 7/29, Kelly 7/27)
- 15170 SOCIETY ISL R Tahiti; 2210-2240 FR talk w/ local Mx (Gregory 7/21)  
0745-0900 FR talks & local Mx, fading & QRM (Dye 7/22)
- 15175 BELGIUM BRT; 0014-0056 EG, "Mailbag"pgm, DX pgm, cmntry on BTS's new antenna array, (Concannon, Earhart, Jordan-Pa, Yajko, 7/11,12,20,23)

- 15180 ECUADOR HCJB; 2130 EG, DX Party Line (Zilmer 7/28); 0208-0220 FR, ID, Religious pgm, ex 15115 due to jamming. (Buer 7/15)
- 15180 USSR R Kiev; 0050 EG World news, QRN (Gramarossa 7/6)
- 15185 US WINB; 2108 EG, ID, Religious Programs (Gliksman 7/28)
- 15190 CANADA RCI; 0230 SP news, ID, to LAm, fair-QRM (Halsema 7/29)
- 15195 USSR RMWS; 0300 SP news, talk on Spartacade Games (Taylor 7/29)
- 15205 AUSTRALIA RA; \*2330-2338 Thai, EG ID into news & Mx (Krueger 7/22)
- 15205 USA VOA; 0019-0030 SP ID, Answering Letters (Brouillette 7/18); 0230-0239 EG, "Breakfast Show" Mx & patter, good (Halsema 7/29)
- 15210 BELGIUM RTB; \*0600 FR, Log Drum IS, QRM-RMWS, f/g (Johnson 7/15)
- 15220 HUNGARY R Budapest; 2111-2200 EG, ID, Interview, pop mx, cmntry on art, jamming in background, (Earhart, Johns, Simaschko, Yacoro)
- 15220 S AFRICA RSA; 0630-0700\* EG cmntry, Rock mx, news, (Mann-Ont 7/25)
- 15230 AUSTRALIA RA; 0605-0625 EG ID, Comedy sketch, Story about trials of growing up. Relay of 3AR-Melbourne (Johnson 7/15, Cucura 7/29)
- 15235 W GERMANY DW; \*0120-0220\* EG, ID, News, Features, Musical Mailbag, to S Asia, Betterpgms than NA svc. (Blaise 7/28, Buer 7/15)
- 15240 AUSTRALIA RA; 0511-0600 EG news, "Focus on Australia", rock mx, pop mx, (Blaise 7/27, Johnson 7/4, Mann 7/29)
- 15240 YUGOSLAVIA RY; \*1530-1555 EG, ID, Freq scd, news, cmntry, (Cucura)
- 15250 ROMANIA R Bucharest; 0530 EG, ID, World news to Africa (Johnson 7/24)
- 15250 USA VOA; 2100 EG news, strong echo effect indicating multiple path reception. (Rubin-Ca 8/6); 0135 EG cmntry on Hamburger (Blaise 7/28)
- 15255 S KOREA RK; 1802-1815 EG news, ID, Mx, faded out. (Minor-Az 7/8)
- 15260 ASCENSION ISL BBCWS; 2302-2330 EG W news, cmntry on Uganda (McCants) 0156-0210 EG W news, classical mx (Halsema 7/29&31)
- 15260 GREECE VOA-Kavala; 1642-1700 EG, ID, "Concert Hall" to SEAsia (Buer)
- 15270 CHINA R Peking; \*1300-1310 EG news to SEAsia, Excellent! (Krueger)
- 15270 SINGAPORE BBCWS; 2200 JP, "BBC" IS into JP program (Rubin 8/3)
- 15270 USSR RMWS; \*2300-2400 EG news, xmntry, "Soviet Way of Life" (Fraser)
- 15275 SWEDEN RS; 0250-0258 EG, cmntry on stamps, Sweden Calling DXers, Music, ID, IS, (Earhart 7/4, Gramarossa 7/2)
- 15290 BRAZIL R Braz; \*0300-0325 EG, Brazilian mx, Asking for reception reports, cmntry by John Morris. (Bryan, Johns, Johnson, McClure)
- 15295 ECUADOR HCJB; 234502400 SP talk by YL, ID, (Fraser-Ma 7/21); 0420-0435 SP, Lite mx w/vocals, ID, (Earhart 7/28)
- 15295 MALAYSIA VOM; 0807-0856 EGnews, Mixed mx, IDs, cmntry on "Boat People" (Cucura 7/29, Krueger 7/23, Robins 8/3, Wicks 8/10); 0945-0958 Malay Lots of talking & Malaysian music. (O'Donnell 7/22)
- 15300 FRANCE RFI; 1600-1648 EG "Paris Calling Africa" (McKinney 7/10, Valko 8/12); 0816 FR talk & music, //15315,17715,17850 (Blaise 7/29)
- 15305 MOROCCO VOA-Tangier; 1935-1950 UK, Nx, cmntry, folk mx, (McCants 7/22)
- 15305 SWITZERLAND SRI; 0145-0215 EG, "Dateline", (Kelly 8/1); 0336 FR, Talk by M & W, Swiss Polk mx, (Bryan 7/23); 0531-0538 GM, (Earhart)
- 15310 BULGARIA R Sofia; 2103-2130\* EG ID, Talk on Bulgaria, pop mx (Cucura)
- 15315 CHINA R Peking; 1725-1745 EG talk on the Academy of Science (Minor)
- 15320 AUSTRALIA RA; 0440 & 0811 EG, "Report from Asia", Mx, ID (Blaise)
- 15320 W GERMANY DW; \*2300-2320\* GM to Australia (Padula 7/6)
- 15325 CANADA CBC; 2100-2130 EG, Due to a switched plug, European domestic-relay listeners got to hear a Toronto DJ pgm, instead of TW-6, "As It Happens" (Rubin-Ca); 2230-2300 EG "Sci-Fi" Drama pgm (McCants 7/17)
- 15325 SWEDEN RS; 0130 SP pgm to LAm followed by a PT pgm. (Zilmer 7/18)
- 15325 UGANDA RU; \*0300v-0400\* EG, Fortunately Soroti lost connection with Kampala studio & originated pgming by itself a few days, resulting in really decent audio, but by 7/19 was back to rotten Kampala origin, giving PO Box 2038. (Hauser-Tn); Country & Western mx & apologized for no news. (McVicar 7/14); Speech by Tanzanian Defence Minister, (Scratch Glenn Hausers deletion in Popular Electronics Magazine.)-(Moeller 7/21); Cruddy audio due to low grade phone lines, They play the same 5 records over & over, good on 8/6, poor other days (Robins) They're back, same format new announcer (W), (Gliksman 7/9); ID, IS, Mx, (Simaschko 7/24); Interview w/ new govt. reps. (Jordan-Pa 7/6); "African Beat" mx pgm, Lousy audio- land line, (Rubin 7/19); "Looking around Uganda", Poor mod as usual (Gregory 7/19)
- 15335 INDIA AIR; 1440-1450 EG talk, Mx, ID, GOS to SE Asia (Buer 7/8)
- 15335 MOROCCO RTVM; 1645 AR, ID, MEast mx & chanting (Bragg 7/16)
- 15340 CUBA RHC; \*0000-0005 EG ID into program in Lang. (Minor-Az 7/19)
- 15345 NEW ZEALAND RNZ; 0305-0625 EG, ID, Choral music, comedy pgm, Sports, Evening report, (Blaise 7/27, Johnson 7/15, Mann 7/25, Robins 8/2)
- 15350 LUXEMBOURG R Lux; 1642-1648 FR, Rock & pop mx, (Vslko 8/12); 0130-0230 FR. Rock & Disco mx w/ DJ taking phone calls (Brouillette 7/28)

- 15360 SEYCHELLES FEBA; 0452 EG, "Mrs. G", "Radio Today", QRM (Blaize 7/27)
- 15365 CANARY ISL REE; 185-2125 SP, ID, Music, Hvy QRM (Braga, Boyd, Valko)
- 15395 USSR RMWS-Uzbek; 1500-1530 EG news & cmntry (Mann-Ont 7/24)
- 15400 ASCENSION ISL BBCWS; 0805 EG, Queens visit to Zambia. (Blaize 7/29)
- 15400nf ECUADOR HCJB; 2303 GM, To S America, ex15160 (Padula 7/6)
- 15400 FINLAND RF; 1300-1500 EG, IS, ID, WNews, normal pgms (7-Reporters)
- 15405 SEYCHELLES FEBA; 0305-0445 FS, IS, Talking, music, QRM (Cucura 7/19) (Gramarossa 7/21); (McClellan-Mi 7/19)
- 15410 USA VOA-Greenville; 1848-1900 EG, "African Panorama" (McCants 7/22)
- 15420 CYPRUS BBCWS; 2115-2130 EG, Pgm on rare birds. (Earhart 7/18); 0350 EG, British rock mx w/DJ. (Bryan 7/23); 0423 EG news (Halsema 7/29)
- 15425 AUSTRALIA VLW-15-Perth; EG news, pop mx, (Klein 7/8, Minor 7/9)
- 15425 SRI LANKA SLBC; 0100 EG, ID, "Mailbag", "Back to the Bible"(Monaco)
- 15425 USSR RMWS; 0400 EG news, freq scd. (Simaschko 7/7)
- 15430 MEXICO RM; 0315 EG sports pgm into SP pgm. (no name)
- 15430 USA AFRTS; 1430 EG news, Discussion on Salt II. (Reynolds 8/5)
- 15435 USSR R Magallanes; 0300-0343 SP, IS, ID, Talk (Valko 8/10; Per LRD August, this is not "Clandestine", as it uses regular RM freqs. Like RPE/RL in the other direction, this claims to be telling the truth about happenings inside Chile, & it is usually quite accurate. It is the resumption in exile of the station owned & operated by the Communist party of Chile in Santiago. (Halsema 8/7)
- 15440 NETH ANTILLES TWR; 2320-2335 PT, Hymns & talking (Earhart 7/17); 0145 SP Religious pgm, music, etc. (Brouillette 7/25)
- 15440 USA WYFR; 1538 SP, ID, Religious tk, music, (Valko 8/12)
- 15440 USSR RMWS; 1327-1333 EG news, lively music, (Valko 8/11)
- 15480 USSR RMWS; 0500 EG, "Moscow Nights". IS, s/off (Blaize-La 7/27)
- 15485 ISRAEL IBA; 0501 EGnews & weather, //15105 (Blaize 7/27, Minor 7/6)
- 15515 USSR R Yerivan; 2200-2230 AM news (Kelly 7/26)
- 15515 USSR R Kiev; 0330 EG program to NAmerica, fair/poor (Robins 8/2)
- 15520 CHINA R Peking; \*1200-1255\* EGnews, "Travel Talk", "In the Peoples Komune", "Lets Speak Chinese" (Fraser 7/13, Semesky 7/23)
- 15570 S KORRA RK; \*1245-1330\* EG news, ID, music, (Cucura 7/22); 0745 EG commentary by W, poor (Robins 8/3)
- 15650 USA VOA; 0100 EG news, Feeder from Greenville, //17795 (Zilmer 7/24) 0145 Egm "Breakfast Show", (is this feeder?) (Blaize 7/28); 0515 HG, Hungarian feed on full AM, a couple hours earlier EG was on this out of band frequency. (Hauser-Tn 7/29)
- 15848.5 UK BBCWS; 0520 AR, Feeder on RC SSB, really nice Arabic pop mx, at 0536 mentioned London, at first thought it might be TWR Monaco feed to Cyprus, but I believe that now is on satellite (Hauser-Tn7/29)
- 15870 AUSTRALIA RA; 0525 EG service on SSB (Wirsz 7/6)
- 17590 NUMBERS STATION; 0607 GM, Woman on SSB with 5-digit groups, each group twice. Says "fun-ef" for "5", which I once took for "zunächst" also "zwo" for "2", as they say in Austria. much QRM (Hauser-Tn 7.29)
- 17580 USSR RM; 0430 RS, HS feeder on RC SSB, rock music, RM ID (Hauser-Tn 7.29)
- 17605nf NETHERLANDS RN; \*1728-1733 DT, IS, s/on, news, (Buer 7/29)\*1830-2110 EG, Usual RN programs, //17695,21640 (this is Lopik), (Bonaire is on 17695 ex-17810) (6-Reporters)
- 17630 ISRAEL Kol Ysrael; 1940-1946 HB, Cantor & organ mx. (Halsema-Pa)
- 17645 ISRAEL Kol Ysrael; 2000-2230 EG, ID, music, Wnews, "Studio Three" Letters, DX Corner, "Calling all Listeners" (7-Reporters)
- 17685 ISRAEL Kol Ysrael; 0510 EG news & weather, fair (Minor-Az 7/1)
- 17695 UK BBCWS; 1015 EG, This freq missing from freq charts. Filling gap before 1100 NAM svc opens. //17705,17790 (Hauser-Tn 7/24); 1500 EG, Discussion on elections in Nigeria (Reynolds 8/5)

\* \* \* \* \*  
 I'll take this opportunity to welcome our new Log Report Editors, Peter Schipelliti & Brett Saylor. And Tom Gavaras I wish you much good fortune in your last year of college.

A few of you might be wondering why some of your good loggings did not get printed. It may be because I couldn't understand them. A few I couldn't decipher & some I couldn't decide what you were trying to say. If they are not clear to me I will not print them.

Well this is it for another month, whew!!!! the time sure flies when you're typing. Mainly because it takes me soo long...

73's till October. (Where'd the summer go?)

"Bob"

# log report section

## 17700 & ABOVE



BRETT SAYLOR

Greetings! Many reports and little room, so right on to the loggings.....

- 17700 ESTONIAN SSR RM; 0805 EG, WS nx, poor. Site presumed from previous loggings (Wicks, 8/10)
- 17705 CZECHOSLOVAKIA R. Prague; 1545-1600 EG, Shortwave radio disc., UN Radio ERHC co-channel QRM (Reynolds, 8/5)
- 17707.5 CHINA R. Peking; 0345 SP, offbeat freq. to LA, the usual (Robins, 8/7)
- 17710 HUNGARY R. Budapest; \*0300-0310 EG, IS, ID, nx, mailbag pgm (D.W. Johnson, 7/2, Boyd, 7/29)
- 17715 CHILE V. of Chile; 0140-0200 EG, Songs in Chilean (Barlow, 7/18)
- 17745 CHINA R. Peking; 0100 CH, "East is Red", tlk by F ann. (Blaise, 7/28)
- 17765 MEXICO R. Mexico; 0332 SP, noted closing after Teletipo pgm, // 15430, apparently curtailed xmsns (Hauser, 7/21)
- 17770 GERMANY/SPAIN/PORTUGAL R. Liberty; 0315 LH, cmtry on price rises in E. Europe, generally over jammers (Robins, 8/2)
- 17775 JAPAN R. Japan; \*2300-2322 EG, nx, cmtry, much QRM/N (Semesky, 7/27)
- 17775 NORWAY R. Norway; 2215-2228 NO, nx, EG ID @ 2223, // 15345 (Earhart, 7/19)
- 17785 FINLAND R. Finland; 1440-1500 EG, sports, mailbag pgm, political tlk, world & local nx (Earhart, Barlow, Concannon, Gramarossa)
- 17795 AUSTRALIA R. Australia; 2200 EG, nx to Pacific Isles (Zilmer, 7/14) 0100-0158 EG, world nx, "Spotlight on Aust." (Jordan, Earhart, Blaise)
- 17800 CHILE V. of Chile; 0000, 0130-0300 EG, nx, cmtry (5 reporters)
- 17810 PHILIPPINES FEBC; 0020-0100 EG, rel. radio drama, ID, GMT TC's, world & national nx, fading out at 0100 (Jordan, 7/7)
- 17810 MADAGASCAR RN; 1400-1424 DT, nx to Indonesia (Halsema, 8/4)
- 17815 BRAZIL R. Cult. de Sao Paulo; 0105-0120 PT, resonant-voiced M ann w/ ID, poss nx, "Star Wars" effects, orch mx @ 0110 (Jordan, 7/7)
- 17825 JAPAN R. Japan; 0025-0130 EG, nx, DX pgm, cmtry (Jordan, Goodman)
- 17830 PAKISTAN R. Pakistan; 0230 EG, nx, // 21590 (Zilmer, 7/13)
- 17830 GREECE V. of Greece; \*1500-1518 GK/EG, IS, nx, EG nx @ 1515 (Buer 8/5)
- 17840 NORWAY RN; \*1400-1430\* EG, nx, nx, "Norway this Week" and "Summer Oslo" pgms, // 21730, Moscow QRM (Cucura, 7/22, Semesky, 7/29)
- 17840 SAUDI ARABIA BSKSA; 1710 AR, annts w/ ID, western nx (Buer, 7/22)
- 17855 GUAM KTRW; 0110 EG, nx and QSL policy given (Simaschko, 7/8)
- 17855 CHINA RP; 1255\* EG, ENA, nyc after "Mx from China" pgm (Hauser 7/28) 0050-0156 EG, via Xian (per LN) CH lessons, nx, // 17680 (4 rep.)
- 17860 N. ZEALAND RNZ; 0156-0600 EG & Maori, nx, wx, rugby coverage (5 rep.)
- 17860 AUSTRIA ORF; 1230 EG, world nx, energy rep., QRM'ed (Reynolds, 8/2)
- 17870 USSR R. Vilnius 2300 EG, R. Rodina 2330 RS (Howard) 0300 R. Kiev EG
- 17900 VATICAN Vatican R; 1705 EG, disc. on rel. work (Hoffman) (noname)
- 18344h COLOMBIA L'vael Llano; 0510 SP, "Super" ID, 3x6115 (Hauser, 7/4) a)
- 21460 BELGIUM BRT; 1635 EG, 1910 FR, disco nx, mailbag (Heffmann, Gramarossa)
- 21540 RWANDA DW; 1025 EG, pgs to Asia, site per WRTH (Klein, 7/30)
- 21545 KUWAIT RE; 0530 EG, IS, ID, nx and wx forecast (Minor, 7/11, Wirsz 7/2)
- 21545 SWITZERLAND SRI; \*1315-1345\* EG USB, "Talkback" pgm (Weinhold, 8/5)
- 21565 ISRAEL IBA; 2057 RS, IS, nx (Halsema), 2230-2300 EG, nx (Jordan)
- 21570 SWITZERLAND SRI; \*1315-1345\* EG, nx, 1530-1545 EG, same (5 rep.)
- 21580 FRANCE RFI; \*1600-1655\* EG, "PCA", nx, 0619 FR (Fraser, Weinhold, Blaise, Gramarossa, E. Hoffman) Taylor, Goodman)
- 21590 PAKISTAN RP; 0135 w/sub-cont. nx (Robins), 0230 EG, dictation nx (
- 21610 LEBANON RL; \*1830-1835 EG, bcst to Africa, NA, ID, nx (Buer 7/22)
- 21615 SWEDEN RS; \*1400-1428\* EG, IS, multi-ling. ID's, "Panorama" (Robins, Yacono, Semesky, Bauernhuber)
- 21655 GREECE VoG; 1215 EG, world nx, GK nx, into GK @ 1230 (Reynolds, Yacono)
- 21740 AUSTRALIA RA; 0100-0330 EG, nx, mailbag, music, "Midway" program (Boyd, Simaschko, Johns, Semesky)
- 23570h ANTIGUA DW; 0258 SP, 2x1785; checked after hearing 24700 (Hauser)
- 24700h ANTIGUA BBC; 0256 EG, 4x6175; maybe sporadic E opening, tho P2 could hold up these nights (Hauser, 7/29) man, Blaise)
- 25790 S. AFRICA RSA; 1333-1635 EG, African nx, sports (Agner, Halsema, Good

A good turn-out this time, keep up the DX! See you in 30. 73, *BT*



# FRENDX CREDITS

Reports should be sent to: **DAVE VALKO**  
Box 155  
Dunlo, PA 15930

Deadline is the 12th.

A fairly good turnout this month with 87 people reporting. Now lets see if we can get 100 or more of you to report.

Editor Mike AGNER, Burlington, MA (R4B, FRG-7, RF-2200); Brian ALEXANDER, Mechanicsburg, PA (RF-4900); Bryan BARLOW, Sherwood, MI; Raymond BAUERNHUBER, Rosedale, NY; Ed BERZONSKY, Elmora, PA (DX-160); Sandy BLAIZE, Metairie, LA (Grundig Satellit 2000, 51J-3); John BOYD, Springfield, IL (XCR-30, MW-1495); Ceasar BRAGA, Fall River, MA (FRG-7); Paul BROUILLETTE, Sault Sainte Marie, MI (DX-160); Josephine BRYAN, Stockton, CA (RF-4900); Paul BUER, Miami, FL (SPR-4, FS-4); Leslie BYRON, Laurelton, NY (Patrolman 9); Michael CALDERWOOD, Denver, CO (FRG-7); Ron CARBIS, Pinole, CA (RF-2900); Terry CONCANNON, Whittier, CA (RF-2200); David CRAWFORD, Edgewater, FL (DX-160); Vladimir CUCURA Jr., Reading, PA (FRG-7, RF-2800, DX-160); Larry CUNNINGHAM, Columbus, OH; William DAVENPORT, Nashville, TN (DX-160); Michael DAYEN, Plymouth, MN (FRG-7, KRS); Rev. M. DIECKMANN, Saint Louis, MO (DX-160); E. DYE, Hannibal, MO; Kenneth EARBART, Allentown, PA (FRG-7); John FISHER, Chelmsford, MA; Robert FRASER, Cohasset, MA (XCR-30) Charles GEORGE, Dallas, TX (SSR-1); Sholom GLIKSMAN, Chicago, IL (RF-2800); Joel GOODMAN, Stanwood, IA (FRG-7); John GRAMAROSSA, Chicago, IL (FRG-7); Steven GREENYER, Invercargill, New Zealand; Richard GREGORY, Erie, PA (DX-160); James HALSEMA, Washington DC (ICF-6700W w/SW-7); Editor Glenn HAUSER, Knoxville, TN (ICF-5900W, FRG-7); Pete GRENIER, Sierra Madre, CA (FRG-7); Baxter HENSLEY, El Paso, TX (SX-190, FRG-7); Ruth HESCH, White Plains, NY (JVC FR-6600JW); Emmett HOFFMANN, Saint Louis, MO (51S-1, Galaxy 1530); Ron HOWARD, Santa Barbara, CA (SB-310); Kenny JOHNS, Jackson, TN (SX-190, FRG-7); Douglas JOHNSON, Issaquah, WA (two R-388's, SP-600); Jack JONES, Jackson, MS; Rufus JORDAN, Pittsburgh, PA (Zenith Transoceanic); Dennis KELLY, Kansas City, MO (DX-160); S. KLEIN, Gainesville, FL (DX-160); Terry KRUEGER, Casselberry, FL (QR-666, NC-183); Chris LOBDELL, Stoneham, MA (FRG-7000); William MANN, Brantford, Ont. (SX-190); Donald MCCANTS, New Orleans, LA (RF-2800); Scot MCCLELLAN, Battle Creek, MI (TFM-8000W); James MCCLURE, Lexington, KY (RF-4800, SX-190, FRG-7); Larry MCKINNEY, Adamstown, PA (DX-160, RF-2800); Richard MCVICAR, Prescott, Ont. (DX-160); Kevin MIKELL, Park Ridge, IL; Donald MINOR, Tempe, AZ (DX-300); Paul MOELLER, Hamilton, Ont. (DX-300); M. MONACO, Bronx, NY; Don MOORE, Bellefonte, PA (XCR-30); Jeff O'DONNELL, Mineral Point, PA (DX-160) Frank ORCUTT, Alameda, CA (JVC FR-6600); Bob PADULA, Surrey Hills, Vic., Australia (Marconi CR100); Nick PAPPAS, Levittown, PA (SPR-4); George POPPIN, San Francisco, CA (FRG-7); Ben RADCLIFF, Ottawa, IL (SB-310); Bill REYNOLDS, Amherst, NY (SW4A, DX-40); Andrew ROBINS, Kalamazoo, MI (R-390A); Arthur RORABACK, Chatham, NY (DX-300); Joel RUBIN, Berkeley, CA (DX-160); Editor Brett SAYLOR, Altoona, PA (DX-160); Duane SEARS, Cincinnati, OH (FRG-7); Thomas SEMESKY, Gary, IN (FRG-7); Mike SEMASCHKO, Milwaukee, WI (DX-300, Zenith Transoceanic); Steve SHAFFER, Hammond, IN (FRG-7); Beverly SLOMKA, Brooklyn, NY (BCR-101); Jeff STOVER, Montrose, PA (SPR-4); Mitchell TAYLOR, Riverdale, GA (DX-160); Todd SMITH, Wilton, CT; Gerald SOBELMAN, Somerville, MA (RF-4900); Leon TANNENWALD, Brooklyn, NY (SPR-4); Editor Dave VALKO, Dunlo, PA (DX-160); Kelvin WATTS, Summer Hill, N.S.W., Australia; Terry WEINHOLD, Terre Hill, PA (FRG-7); Doug WICKS, Mineral Point, PA (DX-150); Doug WIRSZ, Surrey, B.C., (FRG-7); Dominick YACONO, Brooklyn, NY (DX-300, D7000Y); Robert YAJKO, Leechburg, PA (SPR-4, RF-2800); Bill YOHANA, Upper Saddle River, NJ; and last of all Robert ZILMER, Milwaukee, WI (R-390A, SPR-4).

Just a few guide lines for reporting. First of all, try to use NASWA reporting forms but if you don't have any its OK to use other types of forms. Cut the reports into individual strips as this makes it easier for me. And third of all, let me know if you have a receiver change or anything else of important mention. To get your NASWA report forms send a dollar to Headquarters asking for the forms and that will get you a pad of 50 sheets or 500 loggings total.

I would like to congratulate Tom Gavaras on a job well done. Good luck Tom on your future undertakings. Brett Saylor takes over as LR-D and I know he'll do a good job.

I received a few loggings after the deadline and again, please get them to me on time. Thanks to all for reporting and a super thanks to the people down-under for their contributions.

Keep your ears open and 73's!!!

Dave

# NASWA "UNITY AND FRIENDSHIP" ★

PUBLISHES FRENEX MONTHLY

## NASWA MEMBERSHIP FEES:

First Class Worldwide..... \$13

Airmail to Central America, Caribbean, South America, Europe..... \$20

Airmail to Asia, Africa, Pacific..... \$22

All remittances must be in U.S. funds and mailed to: NASWA, P.O. Box 13,  
Liberty, IN., 47353, U.S.A.

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

## "UPDATE" SUBSCRIPTION RATES PER YEAR:

North America (First Class)..... \$3.

Overseas (Airmail)..... \$5.

Sample copies of FRENEX and UPDATE are available for \$1.00

EXECUTIVE DIRECTOR - Mac Leonhardt, P.O. Box 13, Liberty, IN 47353

PUBLISHER & MANAGING EDITOR - Bill Oliver, 45 Wildflower Road,  
Levittown, PA. 19057

CORRESPONDENCE SECRETARY - Alan Meyer, P.O. Box 321, Park Forest, IL 60466

SHORTWAVE CENTER - Jerry Lineback, P.O. Box 325, Joseph, IL 61873

LISTENERS' NOTEBOOK - Glenn Hauser, University Radio WUOT, Knoxville, TN 37916

QSL REPORT - Sam Barto, 245 Cherry Ave., J-11, Watertown, CT 06795

UPDATE EDITOR - Tom Alleman, 615 43rd Terrace, Apt. 6, Kansas City, MO 64111

DISTRIBUTING EDITOR - Dave Valko, Box 155, Dunlo, PA. 15930

LOG REPORT (A) - Dan Robinson, 4437 Sedawick St., NW, Washington, DC 20016

LOG REPORT (B) - Steve Wiseblood, 707 Loma Way, Santa Maria, CA 93454

LOG REPORT (C) - Peter Schipelliti, 31 Beaverbrook Road, Burlington, MA 01803

LOG REPORT (D) - Bob Brown, 27 Wilda Ave., Youngstown, OH 44512

LOG REPORT (E) - Brett Saylor, RD 3, Box 878, Altoona, PA. 16601

SCOREBOARD - Myron Smith, 36 Ogden Center Rd., Spencerport, NY 14559

AWARDS CHAIRMAN - Dan Henderson, 7921 Anfred Drive, Laurel, MD. 20810

COVER DESIGNS - Wesley Thompson, 454 Pheasant Drive, Huntingdon Valley,  
PA. 19006

COUNTRY LIST CHAIRMAN - Don Jensen, 5204 70th St., Kenosha, WI 53140

U.K. REPRESENTATIVE - Alan Thompson, 16 Ena Ave., Neath, W. Glamorgan,  
Great Britain SA 113AD

# FIRST CLASS MAIL

NORTH AMERICAN SHORT WAVE ASSOCIATION  
POST OFFICE BOX 13  
LIBERTY, INDIANA 47353 U.S.A.

FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
Levittown, Pa.  
Permit No. 319