

Welcome to 45 new NASWA members who have joined the ranks in time to receive the August FRENDX. We hope they find their new association to be helpful.

BEAUDOIN, Robert, Bridgeport, CT **	LONSTEIN, Gary F., Ellenville, NY
BERGADANO, Bill, Staten Island, NY	McLAREN, David, Rock Falls, IL
BIALEK, Eugene, Bethesda, MD	MINKIN, David, Atlanta, GA
BLEDSOE, F.H., Greenville, SC	PATE, J. Gary, Baltimore, MD **
BONER, Norbert M., Covington, TN **	PRINCE, Wilbert W., Huntsville, Ont.
BREWER, Everett L., Rochester, NY	PROKOP, Brian, Willowick, OH 44094
BREWSTER, Dr. J.R., Coutts, Alta.	QUINN, Thomas M., Fairborn, OH
BROWN, Kent W., Knoxville, TN	RAPILLO, Fred, Buffalo, NY
BUCKLEY, Robert E., Newton, MS	RICE, W.A., Atlanta, GA
CHANCE, Francis L., Apache Jct., AZ	ROSEN, S. Dale, Stephenville, TX
CIESZLAK, Martin D., APO San Francisco	ROSSEN, Joe, Carmel, CA
COLEMAN, Joseph, Lansdowne, PA	SAALI, David J., Jr., Hazelwood, MO
COX, John M., M.D., Chattanooga, TN	SCHIEDERMAYER, Kevin, Wauwatosa, WI
DECKER, Frank N., Syracuse, NY	SCHMIDT, Paul W., Troy, MI
DELL, Richard B., Bethlehem, PA	STROM, Jon, Paramus, NJ
DUGUAY, Ulric, Orange, MA	TICHENOR, Keith, El Paso, TX
DUNKLE, Ken, Grove City, PA	TOMER, Randy, Arcata, CA
FESH, AT2 Michael M., Kodiak, AK	URQUHART, John, Hampton, VA
FRIDL, Mark B., Wuakesha, WI	VERGARA, Victor, Caroline, PR
FRITZ, Scott, Clay Center, KS	WATT, Doug, Guelph, Ont.
GRASSO, Nick, Thompson, OH	WINDSOR, Alan C., East Point, GA
HIEBER, Frank R., Munster, IN **	
KENNY, David, Twickenham, England	** Welcome back to NASWA after a short absence!
KITE, Mitchell, Morton Grove, IL	

A FEW ANNOUNCEMENTS

TWO NEW DX CLUBS.....The International Fellowship of Christian DXers (IFCDX) is a relatively new group that invites new members. This club says they offer an extra link for religious listener other than through religious broadcasters. A bi-monthly newsletter of 16 to 20 pages in each issue is being planned which will feature loggings, station schedules, station profiles, etc., all religious oriented. Membership is \$4.00 per year, and additional information can be obtained from IFCDX, 569 Cane Run Road, Lexington, KY 40505.....The American Youth DX Club is a new club oriented towards the youth who is interested in DXing. A monthly bulletin is being published. For further information, contact Robert Wagner, 912 Harris St., Muskogee, OK 74401.....Thanks to David Delatte, Jackson, LA for these two items.

MOST WANTED QSL SURVEY.....Robert Beaudoin, 127 Alice St., Bridgeport, CT 06606 is preparing a QSL survey of the "most wanted" countries. He would like all wishing to participate to send him a list of five or six country names from which a QSL would be most wanted. This is an update of a similar list he made in July, 1978, and a copy of the results are promised to all who participate in this project.

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.
SEPTEMBER, 1980

NEW SWC EDITOR NAMED The August FRENDX announced that Short Wave Center editor, Jerry Lineback would be leaving soon. We are very pleased to be able to announce that Jerry's replacement can be named this soon.

John J. Moritz, Jr., 4779 Pine Trace, Youngstown, OH 44515 will be the new editor of SWC beginning with the October issue of FRENDX. Those who have been around NASWA for a while will remember that John is a previous FRENDX editor from a few years back having edited the mid month supplement, then known as "DX Hot Line". John is active and well know in DX circles and is well qualified, so we are fortunate to have John back on the FRENDX staff, and to be able to assure that SWC can continue uninterrupted and in the fine tradition readers of that section are accustomed to having. Jerry Lineback will forward any unused material he has left over for future SWC sections, and all new contributions should be directed to the new editor at the address given.

Those who have enjoyed SWC under Jerry's direction might consider letting him know that his efforts have been appreciated by dropping him a note or post card of thanks for a job well done.

NEW NASWA DIRECTOR TO BE ELECTED When Jerry Lineback retires as the SCW editor, he will also be leaving his position as a Director on the NASWA Executive Council. The NASWA Constitution requires that its governing body (the Executive Council) be made up of five persons who are either a member of the FRENDX staff, or one of the NASWA Committee Chairmen. Also, any vacancy created when a member leaves is to be filled by another person similarly qualified and willing to serve, and that person to be elected to the position by the NASWA general membership by means of a written ballot.

As mentioned, the position to be filled is that of a "Director". A NASWA Director is a representative of the membership and looks after their interests in matters of importance which are being decided to make sure any proposed changes will be to the best interest of the overall membership. A Director's vote in club affairs is as effective as any other EC member vote, so it is important the position be carefully chosen.

We have polled those eligible, and the following have asked to be considered in nomination, and are willing to serve if elected. So that everyone is better aware of who these people are, we will give a very brief profile of each, and we also ask each nominee to offer a comment on his personal interest in serving on the Executive Council if elected. Here is the list, arranged alphabetical, and one of the following is to be elected:

TOM ALLEMAN, Kansas City, Missouri: Tom is 27 years old, and is a trial attorney there in Kansas City. His interest in our hobby dates back to 1966 and he became a member of NASWA in late 1967. He currently is editor of our mid month supplement "Update" feature which also appears in FRENDX, a post which he has held since August, 1977. **TOM'S COMMENT:** "NASWA's unique organization makes the position of Executive Council member doubly important. Each EC member must be a good administrator and, I think, a good listener. By this I mean that each EC member must be sensitive to the diverse interests of our many members throughout the world and to the needs and desires of club members. I have tried to be a good listener as UPDATE editor and promise to do the same if elected to the EC".

RICHARD T. "Terry" COLGAN, Austin, Texas: Terry is 34 years old, the head of Parks and Lands Department for Lower Colorado River Authority. A DXer since 1959 and NASWA member for almost three years. Presently our LR-D Log Report section editor. **TERRY'S COMMENT:** "With over 20 years experience in the short wave hobby, and membership in innumerable radio clubs during those years, has come the realization that NASWA sets the standard by which other clubs are measured. The club's Executive Council is responsible for maintaining this excellence. If elected to the EC, I intend to do all I can to see that the level of service to NASWA members continues undiminished".

(Continued on HQ page 2)

HQ REPORT(Continued)

NEW NASWA DIRECTOR TO BE ELECTED (Continued)

DON JENSEN, Kenosha, Wisconsin: Don is 45 years old, and is a newspaperman by occupation. He began DXing in early 1947 and became associated with NASWA (then NASA) in 1963 and has was Advisor/Administrative Assistant to NASA's first president, the late Bill Eddings; a past member of the NASWA Board of Directors; a past Short Wave Center editor, and is presently NASWA Radio Country List Chairman. DON'S COMMENT: "NASWA has many members; DXers, QSL hunters, program devotees, beginners, old timers, those with many hours a week to listen and those with just a few. There are many interest levels in our club. We should remember that ours is a hobby, and keep it in that perspective. But it is equally important to remember that whatever is worth doing, it is worth doing well. If elected an EC member, I would strive to see that, in terms of effort at least, NASWA never be satisfied with second best

PETER SCHIPELLITI, Burlington, Massachusetts: Peter is a 19 year old college student working towards his BS in Electrical Engineering in addition to his A in Engineering Sciences. He has been involved in the hobby and a member of NASWA since 1975, and is also an amateur radio operator as well. His association with FRENDX has been as LR-C Log Report editor for the past year. PETER'S COMMENT: "In the five years I've been in NASWA, I've learned quite a bit. With my membership came new and lasting friendships, as well as the wealth of information that FRENDX provides. I am thankful that such a club exists. I feel that the high caliber in NASWA should continue and I would enjoy helping maintain such high standards. I would like to represent your ideas on the EC. Remember, NASWA is 2,000 plus people, not just editors and Executive Council".

WESLEY THOMPSON, Huntingdon Valley, Pennsylvania: Wes is 52 years old, and is an Advertising Manager. Became interested in DXing in the early 70's and a NASWA member since 1975. Wes combines his professional training and experience and artistic talents to provide the club and FRENDX with its excellent monthly cover designs as well as about anything else requiring a touch of class such as a number of cover designs for our directories, decals, rubber stamps, club advertisements and promotional materials. WES' COMMENT: "I enjoy trying to make NASWA the most professional looking club in the hobby of DXing, as I think amateurish looking printed materials turns away the mature DXer and hobbyist".

There you have the candidates and their comments. The voting procedure used in NASWA is very informal. All members in good standing are entitled to one vote which can be registered on the ballot at the bottom of this page, or can be a post card or note with the voters preference indicated along with the voters own name and addressed mailed to NASWA HQ so it will be received no later than October 15, 1980. The results will be announced in the November, 1980 FRENDX.

We certainly hope a large percentage of the total membership will take a few minutes to send a ballot with their choice for the new EC Director. Elections in NASWA do not occur very often, so if you like what one of the candidates said about his willingness to serve the club, or if you would like to show appreciation for what one of the nominees are now doing for the club, then vote for him accordingly.

** BALLOT **

THIS BALLOT CAN BE USED TO INDICATE YOUR SELECTION TO FILL THE POSITION OF A DIRECTOR ON THE NASWA EXECUTIVE COUNCIL:

VOTE FOR ONE PERSON

<input type="checkbox"/>	TOM ALLEMAN	Member name.....
<input type="checkbox"/>	TERRY COLGAN	Address.....
<input type="checkbox"/>	DON JENSEN	State/Prov./Country.....
<input type="checkbox"/>	PETER SCHIPELLITI	Mail to: NASWA HQ, P.O. Box 13, Liberty, IN 47353 to be received before October 15, 1980.
<input type="checkbox"/>	WESLEY THOMPSON	

shortwave CENTER



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

SEPTEMBER 1980

Antennas

AND FOUR TO GO

by John D. Tuchscherer, 630 Winnebago Heights, Neenah, WI 54596

Are you ready for the imminent DX season? Let's look at your antenna. When was the last time you examined it? And, for any land barons out there, when did you check them. It's at least even money that the soldered connections are corroded. Oh! You didn't use solder. Okay, so it's almost a sure bet that the connections are oxidized. And that film on the insulators? That Gunk has been deposited by rain, snow and dirty air.

Degradation of an antenna occurs slowly and it's hard to notice. We get signals - and fairly good ones - and assume incorrectly that the old antenna is still A-okay. If it's a single wire lead-in T or L type, the lead-in may be doing all the work. In such a case, the receiver is called on to operate at greater sensitivity. The result, of course, is increased noise.

The sensitivity of modern receivers is a real boon, but there is still a limit to what the receiver can do. Corrosion and oxidation block the flow of the minute electrical currents we are concerned with because corrosion and oxidation act as insulation. On the other hand, the film on the insulators can act as a good conductor giving the currents a chance to leak to ground.

So, before the good weather leaves us, why not take a look at your antenna system. Clean all unsoldered connections, starting with a knife and finishing with fine sandpaper. Remake the connections and solder. Clean the insulators with gasoline or alcohol, but if the film isn't too hard, brushing with soap and water is best, then rinse. Don't worry too much about the oxide on the antenna wire itself, but as long as it's down, why not clean it with fine sandpaper or steel wool. Go first class.

If the antenna is in real bad shape, it's best to replace it. Perhaps this time around you can get it up a little higher or more favorably oriented, or both.

DX-300

DX-302 and DX-300: SIDE BY SIDE

DX-302

by Rowland Archer, Jr., Flint Ridge Apt. 59, Hillsborough, NC 27278

When I saw that our local Radio Shack had a DX-302 in stock, I immediately began negotiating with the manager to let me take it home and try it out. I ended up having to pay him for it, with the proviso that I would get a full refund if I returned it within a reasonable time. I wanted the opportunity to try it alongside of my DX-300, which I bought only a few months ago. When I bought the DX-300, I did it on the basis of the favorable reviews in Popular Electronics and Communications World, having no idea what a controversial receiver it is.

You see, I had been 'inactive' on the SW bands for about 10 years, and was a little out of touch. The sale of the DX-300 actually motivated my return to DXing, and I had already enjoyed my new receiver for several weeks when I started reading in the WRTVH and FRENEX about what a terrible piece of garbage I had bought. Too bad, since I was having so much fun, 'dialing up' stations and logging them as fast as I could write! With a piece of wire wrapped around the room at ceiling level for an antenna, I was logging stations I had never even heard with my old Heath GR-54 and an outdoor Mosley SWL-7 antenna, at my former QTH.

Even though I mainly disagreed with the unfavorable reviews of the DX-300, I was curious as to how the DX-302 would compare. My local Radio Shack store manager agreed to give me

a \$240.00 trade-in on the DX-300 if I decided I wanted the DX-302, which seemed very reasonable since I only paid \$260 for the DX-300. I laid down my plastic money, hauled home the DX-302, and started my comparison.

Since Harold Sellers has already done a good job of describing the internal technical differences between the two receivers in the July FRENDX, I won't go into a lot of detail here. The main differences obvious to the user include:

1. BFO PITCH instead of a FINE TUNE control. The main tuning dial on the DX-300 is 'slow' enough that the fine tuning dial is only needed when tuning SSB. The BFO pitch takes over the function of 'clarifying' SSB reception on the DX-302. I really didn't notice a big difference between the ease of use of the two methods, and both tuned SSB about equally well.
2. A SELECTIVITY switch (WIDE and NARROW) instead of one marked AUDIO (WIDE, NORMAL, and NARROW). The selectivity control switches between two ceramic filters, both with 'tighter' bandwidth (3.5/6 kHz at -6/-60 dB WIDE and 2.5/4 kHz at -6/-60 dB NARROW) than the one filter on the DX-300 (6/20 kHz at -6/-60 dB). This is the principal difference between the two receivers.
3. The RF attenuator on the DX-302 works with both the high and low impedance antenna inputs, where on the DX-300 it only works with the less sensitive low impedance input.

My first impression of the audio quality of the DX-302 was that it is not too great. Stations with normally good, clear sounding signals on the DX-300 sound clipped and even distorted at times on the DX-302. The dynamic range of the DX-302 appears to be much more limited than on the DX-300. The DX-302's audio is bassier and 'fuller' sounding, but it is not a pleasant fullness, at least to my ears. There are practically no high frequencies present. The DX-300's response sounds more balanced, and is more pleasant to listen to. There is almost no background noise on the DX-302 when listening to weaker stations, compared to the occasional hiss heard on the DX-300. However, it seems that in eliminating this noise, Radio Shack has eliminated part of the desired signal that enhances listenability too.

I appreciate that improving selectivity cost something in the frequency response department, but the listener should then be allowed to switch between narrow selectivity with poorer audio and a wider setting with decent audio. Neither the WIDE nor the NARROW setting of the DX-302's selectivity control gave as clear sounding a signal as even the NARROW audio setting on the DX-300. Right away, I could see that if I was going to keep the DX-302 I would have to sacrifice decent sounding audio when SWLing in trade for tighter selectivity when DXing.

The selectivity was indeed enhanced on the DX-302. I tuned in to R. Peking on 15520, and on the DX-300 a slightly annoying CW/morse code interference was present which could not be eliminated. On the DX-302, flipping the selectivity control to NARROW blanked it right out. Tuning across the bands, you also notice the increased selectivity in the shorter twist of the dial needed to move through a station. Stations come in and out more sharply as you tune along. But in no case did I find that this extra selectivity allowed me to copy a signal on the DX-302 that I couldn't also copy, perhaps with more difficulty, on the DX-300.

According to the published specifications, sensitivity has not been enhanced on the DX-302 (despite my Radio Shack's manager's insistence that, "yes sir, this here DX-302's got much better sensitivity and selectivity . . . I can get FIVE times as many channels (sic) on the DX-302 as I ever could on the DX-300, even 10 meter (sic) WWV!"). However, I did find that in some cases a station that was only marginally in on the DX-300 was solidly in on the DX-302. For example, 26020, the 100 watt HCJB, was suffering deep fades on the DX-300, rendering it inaudible for seconds at a time. On the DX-302, it would only fade for a split second, and usually was in continuously. R. New Zealand on 17860 was just about the same: You could hear it on the DX-300 most of the time, but practically all the time on the DX-302. In both these cases, however, I could have copied the stations adequately on the DX-300 for a reception report.

At this point, I still hadn't made up my mind, but I was leaning a tiny bit toward trading in the DX-300 and keeping the DX-302, since it seemed to have better DXing potential. I then moved down to 60 meters and tuned around. Being a typical July evening, there was plenty of QRN on the band, so I flipped the mode switch to AM/ANL. Yecch! I was used to the DX-300's ANL, which does an admirable job at cutting the QRN to a tolerable level. But the DX-302's ANL didn't seem to help much, and the static was lower pitched and fuller sounding on the DX-302 than on the DX-300, where it was higher in pitch and thin sounding. With high QRN levels, I could receive stations better on the DX-300 than on the DX-302.

I listened far into the night, with essentially the same things happening on all the band. Stations were in a bit more solidly on the DX-302, but what was there was unpleasant to listen to when compared to the DX-300.

The next day I cranked the sets up again and tuned in a few of the majors, BBC, RCI, VOA, etc. The difference in audio quality was so striking between the two, with the DX-300 so much better, that my mind was made up then and there. My wife said the DX-302 sounded like the announcer was talking through a scarf. I said give me a hand, the DX-302 is going back into the box.

So there you have it. I really set out expecting to keep the DX-302, with its improved selectivity. If the DX-302 could deliver the same audio as the DX-300, Radio Shack would have gotten my \$160.00. But I simply was not willing to trade in a receiver that I enjoy listening to for one that grates on my nerves. I'll save my pennies and see what comes along, but I don't want to spend \$160.00 more for a compromise. If I spend that much money, it will be for an unequivocal improvement.

ANOTHER VIEWPOINT

by Dennis Saldusky, 211 W. Jackson, Fostoria, OH 44830

In July's NASWA-FRENDX there was a short article on the DX-302 and listed the changes in the receiver. I have owned the DX-300 for sometime and now have the DX-302. Here are some observations.

The attenuation is better on the 302 when connected to my longwire antenna. The BFO replaced the fine tune knob and I find that for SSB it clarifies much easier and far better than the DX-300. The selectivity works better on either SSB or AM. The ANL is much more effective on static, but still allows even faint DX to come through quite well. The Audio is really far superior to the DX-300 in volume on either AM or SSB. The S-meter reacts much differently than the one in the 300 because it is much tighter in reading. It probably reads about 1/2 to 1/3 less than the DX-300. The meter on the 302 is more normal in reading as it is not swinging to the right all the time like the one on the 300 does on very strong signals. All in all the 302 is better and it seems to wee out some of those 4 MHz tropical stations fairly well even under heavy static.

Editor's Comments-Tight IF filtering is not the only potential reason for poor audio performance in a receiver. However, if the filter specification of 3.5 and 6 are correct, the filter performance on the DX-302 exceeds even the Drake R-7 in skirt tightness, with a ratio of 1.7 to 1. When you jump from a 6 and 25 kHz filter to one of 3.5 and 6, there is bound to be audio distortion audible when comparing the receivers. The narrower filter may be good for DX, but it may represent an over-kill reaction to complaints about the selectivity of the DX-300. It is your editors experience that good audio is difficult to retain with filtration narrower than 4 and 8 kHz. Some receiver designs may suffer from strong signal distortions with -60 dB bandwidths less than 10 kHz. Radio Shack should have provided the additional selectivity in addition to a good 6 kHz filter (6 and 14 kHz for example) for SWL.

Intelligent Radio

ANOTHER NEW GENERATION OF SHORTWAVE RECEIVERS-
THE MICROPROCESSOR ARRIVES

Editor's Comments-A few months ago we had an article on the potential use of microprocessors in radio circuitry. The success of the microprocessor in action radio scanners (i.e. the Bearcat and others), it was only a matter of time until radio engineers began to incorporate microprocessor circuitry into shortwave radios. The Japan Radio NRD-505 has been available with 4 memory channels, but the first keyboard scanner type shortwave radio is only now being introduced to the American Market. Actually there will be several eventually. We have received pre-introduction reviews on the Sony ICF-2001 and a more elaborate Panasonic unit. We have two reviews on the 2001, both presented here. Want to see how it looks, look at Sony's ad in the WRTVH 80.

A MICROPROCESSOR CONTROLLED SHORTWAVE RECEIVER
THE SONY ICF-2001

by Vijay S. Tripathi, 120 C Escondido, Stanford, CA 94305

ICF-2001

The newly announced Sony ICF-2001 is destined to offer the degree of accuracy and convenience in tuning and pinpointing a station, never before available to an average SW

enthusiast. Consider the fact that listening to SW, and DXing in particular, depends not only on the ability to tune in a station's frequency, but also on other characteristics of the receiver such as its sensitivity, stability, interference, and noise rejection capability, and dynamic range to mention a few. These receiver characteristics in conjunction with the power of the desired station, propagation conditions and receiving antenna determine how well one can listen to a given station. In view of all of this and ever advancing technology, no receiver can be called an ultimate receiver, however, it is certain that Sony ICF-2001 has become the first in its class of consumer receivers. The following is a review of some of the features of the ICF-2001 based on brochures I obtained from the Sony corp. I hope to be a proud owner of a Sony ICF-2001 as soon as it is available in my area (price around \$330.00) at that time I will also write "user comments."

The ICF-2001 is a microprocessor controlled receiver with Phase Locked Loop (PLL) circuit. It covers the AM frequency range of 150 kHz to 29999 kHz and has an FM frequency range of 76 to 108 MHz. It lacks a conventional tuning dial. Tuning is accomplished via a calculator type pushbutton input and the tuned frequency is displayed on an LCD display.

TUNING - For AM, two PLL circuits are used. The PLL 1 circuit has 100 kHz steps and the PLL 2 circuit has 1 kHz steps; both of these circuits are controlled by a quartz oscillator. There are four ways of tuning as outlined below:

Direct Access Tuning - For tuning stations with frequencies exactly known, we just need to push the calculator type buttons to enter the desired frequency.

Preset Tuning - The tuning frequencies of up to 6 stations (AM/FM) can be stored in the memory so that any of the preset stations can instantly be recalled. The addition of 2 more memory registers is available when Auto Scan Tuning is not needed, thus allowing a maximum of 8 preset stations.

Manual Tuning - Two buttons allow manual tuning in precise 100 kHz (FM) or 1 kHz (AM) steps. Momentary pressing of the DOWN or UP button decreases or increases the tuned frequency. Pressing the FAST button simultaneously with the DOWN or UP buttons increases the tuning steps to 200 kHz (FM) and 10 kHz (AM). The manual tuning function is needed for distant or otherwise weak stations because the Auto Scan Tuning does not function below a threshold level.

Auto Scan Tuning - This feature is very nice for tuning in stations with frequencies not precisely known, or for just finding out whether a desired station or language is audible in a given frequency range (band). This function can be used by first setting the lower and upper limit of scanning in registers L1 and L2. Following this, pressing the START/STOP button starts the Scanning. The tuning frequency is increased in 3 kHz steps in the AM mode and 100 kHz steps in the FM mode. When the Scan Auto Stop switch is ON, scanning stops automatically at the first encountered station. When this switch is OFF, scanning continues without stopping when the upper limit of scanning range is reached, scanning restarts at the lower limit.

LCD Display - The low battery consumption LCD display is equipped with a dial light and has 5 modes, 1) frequency readout, 2) sleep timer setting, 3) number of preset stations, 4) malfunction alarm that says "TRY AGAIN," and 5) scanning limit (L1 and L2) readout.

SENSITIVITY, SELECTIVITY, AND IMAGE REJECTION ON AM: Unfortunately no sensitivity or selectivity data are given in any of the brochures I have seen. I have written to Sony for this information I would hope that this receiver would be at least as sensitive as the Sony ICF-5900W, or a Panasonic RF-2200, etc. In the AM mode the 2nd IF of 10.7 MHz utilizes a crystal filter. The brochure notes that the front end of the AM section consists of all-FET circuitry for "effective rejection of intermodulation, cross modulation, and spurious interference." On AM, the ICF-2001 is a dual conversion receiver with the first IF at 66.35 MHz and the second IF at 10.7. Therefore it should have very good image rejection.

OTHER FEATURES - Signal strength is indicated by 5 LEDs - a trend also visible in many portable radio/cassette recorders as well as tape decks. Also provided are an AM antenna trimmer, 3-step RF gain control, SSB/CW compensator, and external antenna terminal. One could have wished for variable (wide/narrow) bandwidth, continuous RF gain control and a noise blanker. on a radio with such novel features as the ICF2001.

I would greatly appreciate hearing from anyone who owns or has operated this receiver, no RP necessary.

SPECIFICATIONS: Semiconductors - 9 ICs, 1 LSI, 11 FETs, 42 transistors, 24 diodes, 5 LEDs
Speaker- 4 inch; Jacks- Earphone, Rec. out, DC in, Timer input
Power- 3 VDC (2AA batteries) for the microprocessor section, Radio uses 4.5 VDC (3 D cells) or 110/120 or 220/240 VAC 50/60 Hz with optional adapter. Optional car adapter available.

dimensions: 12 1/4" wide, 2 1/4" high, 6-3/4" deep. Weight: 3 lb 15 oz with batteries. Optional accessories include antenna and ground wires.

MORE ON THE ICF-2001

by Alan Korwin, 750 Kappock, St., Riverdale, NY 10463

When the Sony ICF-2001 hits the market, it may be one of the biggest breakthroughs in recent memory. It is already in great demand, although Unit One has not yet reached shores in the U.S. It was apparently unveiled at the recent CES Show in Chicago, where an actual demo model was on display. No one in New York has seen one. A trip to San Francisco in 09 July revealed that a Sony showroom there had actually had a model on display, but the manager removed it for his own experimentation and was currently on vacation and unavailable. Plusive!

A recent issue of one of the club newsletters included an appeal from a DXer in France for information on the 2001, which he was unable to obtain from Sony. That's understandable, since most of the Sony outlets have almost no literature themselves. This French DXer got copies from me of 4 of the 6 full color brochures I've been able to obtain on the 2001. Some of the details include: It's under 4 pounds! Perfect for travel and requires only 3 D's and 2 AA's for power. AC adaptable, of course.

Frequency range is 150-29999 kHz fully continuous on a single band, giving you most of the longwave band if you don't already have it. Full range FM broadcast band and ISB/LSB/CW too.

Here is the shining star. The tuning section. You can enter a frequency on the 2001's keyboard, hit execute, and go immediately to that exact frequency. Memory can store up to 6 such locations, and can also be loaded by a station on the LCD display as you manually scan. There is no manual scan knob, it is a digitally controlled touch switch, like the solenoids in a cassette recorder, which handles slow ahead, slow reverse, fast both directions, and release to stop. You can store 2 frequencies and have the unit auto-scan back and forth in either stop-when-you-hit-something (a factory set threshold level) or go-ahead mode. If you are not using the feature you can use the memories with others for a total of eight storage places.

Other features include a 5 step LED S-meter, a dial light with switch, a sleep timer (?), bass and treble controls, and convenient screw terminals for long wire antenna and grounding.

Despite all the literature, and neat phrases like "Quartz-crystal phase-locked-loop frequency synthesis. . . dual conversion superheterodyne circuitry," there is not one meaningful specification on the radio's performance. Sensitivity and selectivity are noticeably missing. This prompted one of the reps in San Francisco to speculate that perhaps the unit was not even actually in production yet. However, according to a spokesperson at the east coast sales office for Sony in Paramus, NJ, the units were promised by Japan for the beginning of July. They are now hoping for delivery by the end of July, but without apparent reason. Hope springs eternal and all that.

The 2001 is on backorder, and general availability will depend on how many units are left from the initial shipment after the backorders are filled.

I can picture all those new sets spread out around the New York area on the first night they arrive, all turned on and tuning in the world. One of them will be mine.

PANASONIC RF-9000

RF-9000

from the Japan Wall Street Journal, 24 June, 1980, via Edward Gibson, Indianapolis, IN

Matsushita plans fall delivery to world markets of its microprocessor controlled RF-9000 receiver. The all band receiver covers LW/MW/SW/FM, SSB also. It uses the microprocessor controlled phase locked loop synthesizer set to cover 100 Hz steps. That's right, 299,550 channels are possible. Storage for 15 channels that can be sequentially scanned for 1.5 seconds each for selection. This is a big one, 20 1/2" x 14" x 7-7/8" and 44.7 pounds w/o batteries. This boat anchor will sell for an estimated \$3,800 in the U.S. Trade in your Rabbit!

FRG-7700

THE FRG-7700 - A FROG WITH A MEMORY

by David Newkirk, 1208 NE 91st St., Seattle, WA 98115

A new receiver from Yaesu, the FRG-7700, was announced at the American Radio Relay League's National Convention in Seattle in July. The receiver covers 150-29999 kHz in 1 MHz switch selected blocks after the example set by Kenwood's R-1000. It receives AM, LSB, USB, CW, and RTTY, I assume, would be received as well as CW. Available is an optional memory that allows storage/recall of up to 12 frequencies anywhere within the FRG-7700's tuning range. No matter what MHz segment a given memory frequency may be within, the MHz selector need not be cycled when hopping between various memory frequencies. Frequency calibration is digital to the nearest kHz with orange digits, and analog with 10 kHz increments. Tuning rate varies from 40 kHz per revolution at the ends of the tuning range to 80 kHz in the middle, with no fine tuning control included. There is a fine tuning control for the memories. I assume that this is included because the memories can be set only in 1 kHz increments and must be manually varied inbetween for SSB, RTTY, CW, AM product detection, etc. There is no preselector tuning also ala the Kenwood R-1000.

Selectivities are as follows, listed with modes, bandwidth (rejection ratios relative to filter center: SSB/CW/AM narrow-2.7 kHz at -6 dB and 8 kHz at -50 dB. AM medium-6 kHz at -6 dB and 15 kHz at -50 dB. AM wide-12 kHz at -6 and 25 kHz at -60 dB. FM-15 kHz at -6 dB and 30 kHz at -40 dB.

Sensitivities for a 10 dB signal-plus-noise to noise ratio: 0.15-0.3 MHz-30 uV at 500 ohm antenna input impedance for AM and 3 uV at 500 ohms for SSB/CW with FM unspecified. 0.3 to 2 MHz-25 uV at 500 ohms for AM and 2 uV at 500 ohms for SSB/CW and FM unspecified. 2-29.999 MHz-5 uV at 50 ohms for AM, 0.5 uV at 50 ohms SSB/CW, and 1 uV at 50 ohms for FM.

Other stuff in somewhat of a random order. There's a crystal controlled digital clock on board (12 hour format with AM, PM indication); like the R-1000 you switch from display of frequency to display of time when you want it. An associated timer with terminals for remote control of a tape recorder allows the increasingly popular "absentee DXing" possible with such receivers. Headphone and speaker outputs and jack for the tape recorder output. A noise blander - not the ineffective limiters of the FRG-7 and FRG-7000 receivers - is front panel selectable. The decay time, fast or slow, of the AGC system is selectable as well. Receiver muting is available for those who'll use this new Frog with a transmitter. There is a potentiometer like continuously variable input RF attenuator on the front panel as well. Audio output is 1 1/2 watts at 10% total harmonic distortion. The receiver has variable voltage line input and a DC powering kit is available as an option.

Observations: I couldn't do more than tune the dial and flip switches, as nearby microprocessor demonstrations stuffed the bands with fuzz. The S-meter is large, well-lit and colorful but, again, I couldn't test the ballistics of this popular, but unnecessary, receiver feature because of the heavy RF trash about.

You may wonder about Yaesu's inclusion of narrow-band FM as a reception mode, but another interesting inclusion renders their motive clearer. The skirt of the MHz dial - remember, this dial is detented, just as is that of the Kenwood R-1000 - included in addition to an index for 0-29 MHz markings, settings for all MF/HF amateur bands as well. Yes, they are electrically redundant with 10 other MHz positions of the bandswitch, but there they are arranged in strict frequency order: 1, 3, 7, 10, 14, 18, 21, 24, 28, and 29 MHz. These allow easy selection of the amateur bands without having to sort them out between the other MHz ranges, even the new 10.100, 18.068, and 24.890 MHz bands are included. This caters to the ham-band SWL and the amateur standby-receiver shopper, and those looking for less costly tunable IF receivers for use with converters pulling in 50, 144, 220, and 440 MHz FM bands, therefore the FM reception feature is applicable as well.

Size and colorwise, the FRG-7700 resembles the Radio Shack DX-200; there is a front panel speaker. No slick full-color brochures were available at the Yaesu exhibit because the radio was "only about ten days old" according to the representatives. "Will the FRG-7000 be phased out I asked. "Not in the near future," said they. "Why not a 24 hour format clock?" was my next question. They didn't know.

They did know of the FRG-7700's price and availability: \$715 including memory, 559 without memory, in October. I also asked what, for me, is the most important question, "What about overload?" The answer - that balanced JFET mixers have been incorporated to minimize this - wont mean much without actual on-air tests.

Receivers

HANDS-ON VIEW OF THE NEW RECEIVERS

by Jerry A. Lineback

I have just returned from a late summer radio meeting where I had the opportunity to view and use some of the receivers mentioned above. Present were several ICF-2001s, the NRD-515, a prototype of the Yaesu 7700 and the other Sony receiver shown in the WRTWH add. Also seen was a Kenwood R-1000 and several Panasonic 2900's for comparisons.

First, the 2001. This is destined to become very popular. Keyboard entry is easy. It is very usable for checking frequency lists, keeping track of parallels, monitoring stations, etc. It works generally as described in the above articles. My observations on selectivity and sensitivity were that it was typical of portables. Sensitivity was adequate with the whip antenna. Sensitivity was improved by using the mains power. Several persons indicated that performance was best when an external antenna was used. Selectivity seemed to be about 10 kHz on strong stations. Strong stations next to weak ones tended to slop over at least 5 kHz and to tune the weak one, it was often necessary to back down or run up 2 kHz to receive the least interfered side band of the weak station. Selectivity was probably comparable to the ICF-5900, Panasonic RF-2800/2900, etc. There is only one position available. Audio was great for such a small receiver. It is a little bigger than the ICF-5900 and smaller than the RF-2800. It will be easy to put in a suitcase. My feeling is that the scan mechanism will have only a limited application. The receiver sometimes does not stop at a strong station or will stop off frequency. What is really needed is the ability to scan the memorized frequencies. The receiver will drain its batteries in 6-10 hours of operation. Therefore, most operations will have to be from the mains. (Buy stock in Union Carbide.) My overall impression is that it is rather typical of portables in performance, it is very convenient to use, is small enough to be portable and to travel well, and will be a unique and valuable addition to a main receiver. A DX machine by itself, it is not. There is a shortage of receivers right now. Reports indicate that the receiver will be very difficult to modify due to high parts density and complex arrangement.

The NRD-515 seems to be much as Bob Foxworth described it in last month's FRENDX. It is a compact, high-quality, receiver with the capabilities for pass-band tuning and other important capabilities. The receiver does need a 4 kHz filter in the filter array, but selectivity on the narrow filter (2.4) is excellent and does perform as well as the Drake R-7 in that regard. The memory is separate and sits on top of the radio. It is rather large and the couplet is rather awkward looking. Entry and recall are easy steps. This is a high quality performance machine in the same class as the Drake receivers.

The Yaesu-7700 is about the size of the Kenwood R-1000 and has many of the same type of features. There is a clock, variable selectivity, and a 12 channel memory built in. The memory unit, although an option, is built in to the receiver and is much more compact than the memory system on the NRD. The stock FRG-7700 has two broad filters on AM that are really impossible to use even for normal SWling because they let in too much noise and adjacent channel interference. However, it also has the narrow filter (2.4 kHz) selectable on AM and it is quite usable and works well. Gilfer plans to modify the receiver with better selectivity and I expect that other shortwave dealers will offer modified versions too. Selectivity in the medium position was as bad as that on the icf-2001. Good 3 and 4 kHz or 5 and 6 kHz filters might make good replacements depending on taste. Audio with the narrow filter was adequate with strong signal apparent bandwidths in the 4-6 kHz range, good enough to remove most side channel interference. The memory is easy to enter and recall. There are 2 channels selected by a rotary switch. My personal feeling is that this is a very good receiver and a worthy replacement for the 7000. While it lacks some of the features of the RD and R-7 that I find valuable in tuning, it may represent the best bargain in a receiver with a memory. It should prove to be popular too, in its modified-selectivity form at least.

Also present was a dummy of the Panasonic RF-9000. It has more buttons and dials, and everything else than you can imagine. It is really a suitcase sized boat anchor that is only slightly smaller than a venerable Hammerlund SP-400X that was on the auction block. This monster may do everything but heat the bathwater. And if you despair good DX, tie it around your neck and jump off a bridge! There is no information on the real performance that can be expected from this receiver.

The other Sony receiver, the CRF-1 model, needs much additional design work before production and is not discussed more here.

Availability: Some 2001s were brought in to the US in June and most have probably been sold. Additional shipments are not expected till September. There may be a shortage for a while. Seems the Japs are scared about our economy. Price increases are expected due to yen-dollar fluctuations. The NRD-515 can be ordered now. The 7700 will be available in the fall. My feeling—thanks for the memory—it can be a very valuable tool, if coupled with good radio characteristics.

Down under

IT TOOK ME SIX WEEKS TO GET TO THE ANARC CONVENTION

by Bill Whitacre, 2609 Devonshire, Lansing, MI 48910

The very day after my official graduation exercises at Michigan State University I left Lansing Capital City airport heading, eventually, for the ANARC convention, this year, held in Irvine, CA. This was on June 8th and I did not arrive in Irvine until July 12th, still almost a week before the official opening of the convention. Fortunately there is plenty to see and do in southern California and thanks to my gracious hosts Dave Browne and Jim Young, I had an interesting tour of Pasadena and the chance to DX at 6000 feet elevation at one of the best equipped shacks I've been in.

As you can by now imagine, these 8 days of southern California living were the climatic finish of a trip that took me to such far off points as Auckland, New Zealand; Sydney, Melbourne, and Canberra, Australia, and for recuperation, the Cook Islands, just before hitting the Los Angeles smog!

The whole odyssey started June 8th from Lansing, and by the time I finally landed in Auckland it was June 10th - thanks to the International Date Line and plenty of "airport lounge/flight time." I was met at the airport by my host for the first of my all too short 4 nights stay, John Allchin, ace MW DXer. The next night was spent with long-time DXer and erstwhile travel agent Bryan Clark and his family and the next two nights were spent with Auckland branch chairman of the New Zealand Radio DX League, Barry Williams and his family. Among the many highlights of this part of my trip were listening to John Allchin's tapes of U.S. MW stations, their favorite quarry in N.Z., visiting the Radio Hauraki studios in the Caltex building in Auckland, and seeing the life-collar from the old M.V. Tiri (some of you will remember R. Hauraki as the Pacific's equivalent of the offshore days in the Atlantic - the difference being that Hauraki is the only pirate in history to get a license and become legal - on land!). Other highlights included recording an interview with Radio Pacific's Roger Jeffares for his hour long weekly feature on DXing and even getting in a game of golf with the New Zealand women's amateur champion, the delightful Kay Maxwell, who, as it turns out, is Roger Jeffares assistant. We even had a local meeting during my visit at Bryan Clark's and this provided a great chance to bore the Kiwi's with some slides of U.S. DXers, receivers, and a tape or two. Thanks to Barry Williams, I also got a chance to talk to Arthur and Ralda Cushen over the phone for quite some time one evening as well as to some DXers from the good old days of DXing via Barry's regular 80 meter amateur schedule. We also heard FRCN-Kaduna on 4770 kHz here for the first time. Converting to GMT from NZ is no real problem as they are +12 hours and you just switch from AM to PM or visa-versa and convert to 24 hour time to get GMT. Then all you have to do is remember which day it is, hi! All my hosts kept apolligising for the weather there, but if this was their winter, I'd trade it for ours any day! It only rained a couple of times during my 5 day stay and the temperature was a mile 40-60 degrees F most of the time, it did get a bit chilly at night.

The next stop was in Australia, for 3 weeks, starting things off in Sydney where I was met at the airport by 3 ARDXCers (Australian Radio DX Club); Rob Williams, Andy Elwell (who I stayed with) and Bob Fitzgerald - all part of the Sydney branch administrative contingent of ARDXC. I stayed in Sydney for a week because of the generous offer of accommodations there and was glad I did - it is certainly the most interesting city in Australia, and the largest with a population of 3½ million - more than the entire population of New Zealand! We had another great local meeting in Sydney with an impressive turnout, a Chinese BYO (bring your own) dinner and a game of "10 pin" bowling (as they call it) just to help the American feel at home, hi. I particularly appreciated the fine and extensive tours given to me by Kelvin Watts and Bob Fitzgerald - it took the both of them and two days to see just some of what there is to see around Sydney! Golf was also on the docket here as I got in a game with each of the above gentlemen, although my game was not as good as it was in N.Z., which I blame on the change in playing partners from N.Z. The weather was quite pleasant in Sydney, warmer and dryer than Auckland.

It was hard, but I had to pull up stakes and catch a standby flight to Melbourne after a week, but was pleasantly suprised to find the hospitality there equal to that found in Sydney. Rob Wagner picked me up at the airport and was nice enough to have me over for lunch. After this we went over to Bob Padula's home and took a look at this shrine. His famed Marconi CR-100 is everything you've heard - unrecognizable from the original with all the Modifications Bob's put on it to keep it "current." It was great to see where and from whom so much of the direction of Australian DXing and particularly ARDXC has come from. After some ragchewing with Bob, Rob Wagner, Peter Bunn, and Co., we made our way over to my host's home for the almost 2 week duration - Bill Burrows. I had free roam of his caravan (camper) and free meals prepared by his gracious wife Carmen. This stay at Bill's was truly a great part of the trip - even though I did catch a cold from sleeping in the caravan. The weather in Melbourne was getting nearer to our own midwest winter's. Still no snow, except in the mountains, but none-the-less

plenty of chilly and wet weather. After helping Bill ID a few Latins and enjoying his Melbourne QTH, we ventured to the backwoods shack (home) of Mike Willis for a couple of nights of "Indo fever!" (Indo fever is a noncommunicable disease carried by those who indulge in the serious DXing of Indonesians). Mike has the uncanny knack of turning on the radio for a few seconds, checking out a couple of key frequencies and determining that the night will be a loss and turning the radio back off - not quite that fast as he has to wait for his TRIO 9R-59 to warm up! While he was that sure, I wasn't and gave things a work out - it took awhile, but the Indonesians finally started to come in quite well, just as we were getting ready to turn-in, after a nice long yarn by the fire that I was fortunate enough to have my bed next to! While reception of Indonesian stations is unimaginably better there than back home, my hopes were a bit too high. We did hear quite a few 2 MHz RKP stations though and a few "ametr" stations as well, but even out there in the middle of a cow pasture, near the Tarra Valley, and miles from Yarram (the nearest town where Mike is a teacher) we still had occasional bursts of power line noise! Bob Padula reckons this is due to the rather strange technique of power gridding used in this part of Australia. Fortunately this was not the only DXpedition I was to attend (how many people get two DXpeditions on their first trip!). After a very picturesque drive home with Bill Burrows and his dog Borne, along with an interesting farm auction (Australian style) and a drive through Tarra Valley National Park with Mike, I struck onto a connection with one of the best "near Melbourne" QTH's around. After an entirely enjoyable chat with Keith Glover of Radio Australia and a tour of the RA studios, including sitting in awhile on Rob Hoskins doing his show, I spent the evening at Geoff Cosier's home gladly inbibing in a lovely meal his mother prepared for us. After gawking longingly at Geoff's impressive collection of Indonesian (my first love in DXing) QSL's we had another local meeting - this time of the local Southern Cross members. A not entirely peaceful coexistence rules the relations between the Southern Cross and the ARDXC clubs. This gave me a chance to meet Robert Yeo, Sam Dellitt, Harry Weatherly, and Dick Wittington. After swapping some DX-lore and tapes of various items we broke up for the evening, but not before Geoff told me that Dave Foster was going to be in Melbourne later in the week and that Geoff and I were welcome to come up and spend a few days with him. This sounded great to me since this was the QTH Mike Willis mentioned as being somewhat better than his for Indonesian DXing! Had conditions been better and had the lightning noise abated I'm sure David's QTH is an excellent one - as it was we heard quite a few things of interest anyway. Certainly not detracting from his success at his location is his trusty RA-17 Rascal receiver which got a real work-out the two nights Geoff and I spent up there - as did his snooker table, hi! David's place was a rented farm house, as was Mike's, but David's girl friend, Anne, saw to it that we all lived in style. There are good and bad points to the bachelor's life. Anyway, after some great times here including a trip down memory lane with David's slides of his two trips to Indonesia (merely making me more itchy to go there) and a tour of the extensive Eildon Dam area by Geoff, it was time to hit the road again, but not before attending Bill Burrows' daughters' engagement party the next night.

After another successful attempt at a standby flight, I landed in Canberra, the Australian capitol, and hussled off to the first place I'd had to pay to stay since I left home! Canberra is a beautiful "planned" city similar to Washington DC, and surrounded by mountains with, in winter, snow capped peaks. It was here, after a couple days touring the shops, embassies, and fast-food stands that I met up with, not entirely by accident, Chris Martin for a free ride back to Sydney and a couple hours to talk on our way home. Chris, as some of you might remember, is the Vancouver honeymoon trip winner from CJVB's contest a couple years back - he is also a MW DXer extraordinaire and knows the geography of parts of the U.S. like the locals - a result of the MW DXing hobby. After a short day or so in Sydney, some final good-bye's, and a trip to a "duty free" JVC dealer for a tape recorder, it was off to the best part of the trip for me.

Air New Zealand lands in Cook Islands at 2:25 AM on their weekly Auckland-Cook Islands- Los Angeles flight and as you might expect there is, despite the early hour, a great turn-out for the plane - particularly when you fly in with the Italian National Rugby team as I did! There are two other Air New Zealand (the only international carrier to land there) flights in on Monday - from Auckland, and on Friday - from Fiji. I won't dwell too much on this part of the trip since I hope to eventually write a separate article on Cook Islands, but . . . Cooks is one place in the Pacific that is relatively easy/cheap to get to and yet is not spoiled (as if yet) by the tourist industry like Fiji and Tahiti. There is only one "international" standard hotel on the island - the Rarotongan and it was only 1/4 full during my stay on the island. Most of the visitors to the island stay at the locally run inns, lodges, and homes. I stayed at the Orange Grove Lodge and would highly recommend this to anyone contemplating a trip here - particularly for DXers as Alex Moreland, the owner, has a new FRG-7. One thing to remember is that Cook Islands is about the only place in the world to require that you have confirmed booking for accommodations before you enter the country. This can be done through your travel agent and there are ways around it. The best way to see the 18 mile circumference island of Rarotonga is to rent a motor scooter (usually Suzuki 50's) or car from one of the many local firms in the business - rates are reasonable and gas is no more expensive here than in France. Rarotonga (the largest of the 8 or so Cook Islands) is a volcanic island with plenty of peaks,

surrounded by a beautiful coral reef - you can walk out to the edge of it and never get above your knees in water - but after the edge, it's down, down, down. For the radio enthusiast, the island is a real miniature wonder. There must be more monitoring and transmitting going on here, per capita, than any place in the world! There is a brand new Cable & Wireless "Mercury House" in Avarua (the capitol), a telecommunications training center (where Radio Cook Islands' 5045 kHz aerial is), ZK1AA who has not only HF but also satellite responsibilities for inter-island communications and is government sponsored and even attended WARC-79, there's Radio Ikurangi, an FM outlet in Avarua, The Cook Islands Broadcasting and Newspaper Corporation on two MS and one SW frequencies and other various monitoring antennas all over the island. I paid a visit to both C.I.B.N.C. and Radio Ikurangi and a report on both of them will appear some time in the future. Let me just say now that if your stereotypical picture of a small Pacific island broadcaster is grass skirts, thatched huts, and handcrank generators, you're in for a surprise!! As an example of the ironical nature of broadcasting here, consider this: Cook Islands, an indirect dependant of New Zealand's has FM broadcasting and New Zealand, a modern a country as it is has none!

In conclusion I should like to thank all those people who were so kind to this weary foreign traveller with lodging and hospitality galore. I should like to also point out that it doesn't take a bank full of money to make such a trip - if it did I wouldn't have made it! My Air New Zealand flight from Los Angeles to Sydney cost \$819 and they allowed two free stopovers which I chose to be Auckland and Cook Islands. This was an introductory offer and a great price-they must have realized this too as when I checked on the price a week later it was up to \$875. Anyway, all joking aside, world travel is one of the best educations there is and it's one of the best ways to get your head together and be thankful for what your own home has to offer. So if you get the chance to do it, do it, by all means.

NEW EDITOR

SPECIAL NOTICE: NEW EDITOR:

AS ANNOUNCED LAST MONTH, YOUR PRESENT EDITOR IS LEAVING SHORTWAVE CENTER. CONTRIBUTORS SHOULD NOW SEND THEIR MATERIAL TO THE NEW EDITOR:

JOHN MORITZ, JR.
 4779 Pine Trace
 Youngstown, Ohio 44515

John Moritz is an experienced editor and DXer. He will be an excellent addition to the FRENDX editorial staff. I have talked to John and am impressed with the plans he has for Shortwave Center. SWC will be in good hands. But I must remind you - the NASWA member - that there can be NO Shortwave Center without your contributions. I hope that you will support John with your contributions as you have supported me.

All unused material now on hand will be forwarded to John for his use. If your contribution has not yet appeared, it will be in John's hands. He will prepare the next (October) issue.

A special heartfelt thanks to all those who have contributed material for Shortwave Center in the last 5 years I have served as Editor.

Goodbye for now. Jerry A. Lineback.

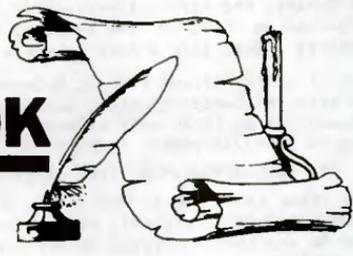
73 *Jerry*

 HELPING HAND: For Sale. Panasonic RF-2800, like new. Will make a great second receiver or portable. Shipped anywhere in the U.S.A. for only \$140.00. Please contact Jerry A. Lineback, P. O. Box 325, St. Joseph, Illinois, 61873. Phone 217-469-2583 evenings at your expense.

Thanks, Jerry. You did a beautiful job. Don't stop writing; we need you.

Bill

Listeners NOTEBOOK



GLENN HAUSER
University Radio WUOT
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ENGLISH SCHEDULES

AFGHANISTAN R. Afghanistan anc'd that from 19/7 its ES at 1700-1830 would be on 17745 ex-15075; this may also apply to EG 1900-1930 (WBI 17/7) Yes, it does (WBI 24/7) Has now adjusted to 17742 (WBI 7/8). Since beginning of last week, probably to avoid jamming on 17745 (Jonathan Marks, RN DXJB 14/8) R. Afghanistan has tried the 16mb previously, only to return to 15075 eventually (gh)

ALGERIA Fq usage at 2000-2030 changes almost daily; anc'd 7145 still untraced, on 7195 instead; 9610 erratically used, 11740 regularly, 11810 untraced. In the 19mb, these noted on various dates: 15245, 15260, 15308, 15360. 17745 seems off now but 21635 still (QTH Af 30/7)

AUSTRALIA R. Australia noted on 15115 ex-15145 at 0830-0930+ when still announced 15145; hrd on several occasions (Jim Conrad, IA, 8/8) Probably on for a longer span like 15145 was; a change not anticipated in their tentative S80 sked, but may carry over. I've noted RA audible on 21650 (Shepparton) at 2100+, normally a difficult time to hear RA in NAM (gh) on LN 11925 to EAs/NPac 1300-1730 ex-21660, which is now used 1000-1230 only (Green WRC 10/8) more LN-3, 14

AUSTRIA ORF anc'd these changes 30/7 effective for S80: 1830-1900 EAF 15155 ex-15225; 0430-0500 SEAs/AuAs 21735 ex-21740; 0830-0900 Au/NZ 17830 ex-15440; the last is on a long-path 270° beam across CA, like 0200-0400 on 12015, so should be equally well received here (Munster, GA) more LN-14

BELGIUM CRT 1605-1650 on 21525 to Af ex-16m to Eaf, over WYFR here (Jim Conrad, IA, 1/8) ex-17730; I am delighted (Ed Bromley, Bonavista Nfld) Change made 29/7 (WBI 7/8) 1705 from 28/9 more LN-8

CANADA (Cf Aug LN-1) RCI Mon-Fri 0615-0630 & 0645-0700 still sked on 9760, not 9655; and new 9560 shown for a 50-kw unit at 0200-0230, 0300-0330 and 0400-0430 ex-9655. To be dropped at 0400 as from 26/10 due to standard time and need for the xmtr 0330-0430 for extended BBC relay on 6120. Also effective 7/10 (probably typo for 27/10) CBCNQSW runs an hour later: 1128-1359½ on 9625 6195 /sic--they said the same last winter but in fact stayed on 6065 in mornings--after all, BBC-Antigua is there!/, 1400-2359½ 11720 9625, 0000-0607 9625 6195 (RCI 29/7) more LN-8

CHINA R. Peking to Eu, 2030-2130 & 2130-2230 obs on 9530 ex-7470; // 12450 11600 8660 (WBI 7/8)

ECUADOR HCJB tentative S80: NAM 0030-0230 9745 15355-ex-11910 26020. 0230-0500 9745 11910 15155 26020. 0500-0700 9745 11910 26020. 0030-0200 2nd pgm 15155. 1200-1300 11740 15115. 1300-1430 11740 15115 17890. 1430-1600 15115 17890. 1900-2000 & 2130-2200 26020. SAM 1200-1600 15115. Eu 0700-0830 11835 15240-ex-15200. 1200-1600 26020. 1700-1730 17790 21480 26020. 1900-2000 15300 17790 21480. 2130-2200 15180-ex-15300 17790 21480. SPac 0700-1030 6130 9745 11900 26020 (at 0800-0930 6130 and 11900 carry separate programs) (DXPL 16/8 via Chris Smolinski, MD; Dale Park, HI and gh) **FRANCE & GERMANY EAST** EG pgms 1 hour later from 28/9 (gh)

GERMANY WEST One night during the Democrat Convention, DW 0120 to NAM hrd on 6055 instead of 6040, while VOA was hrd there with extended-schedule; normal (S80) VOA *0300 from Woofferton (gh) On usual 6040 6085 6100 6145 in 49m; if they had stayed on 6055, DW might not have to 'drown' anybody on 6040 like RBI, which has dropped DW to a 2-level with QRM. S80 sked shows these changes for EG: 0120-0220 As/ANZ 6065 ex-15235; that's all (Ralf Munster, GA, 19/8)

GREECE ERT VOG: 0130 ENAM 11730 9655 9515. 0340 WNAM 11730 9650 9515. 0935 Au 21455 17830. 1040 Japan 15345 11845. 1235 NAM 21455 17835 11730. 1335 Caf 17830 15345 11730. 1535 NAM 21455 & 17835-not Tue; 11730. 1840 SAF 17830 15345 11730. 1920 Eu 11860 9655 7125. Sometime toward the end of 2200-2350 SAM 9615 7125 (WBI 24/7) This reflects changed timings for EG nx segments in generally Greek broadcasts; 5-10 min duration; maybe some fq changes S80 (gh)

GUATEMALA 29/7 at 0810 on 6180 I just picked up the end of the Voice of Guatemala's EG pgm 'Latin Scope'--is this their overseas xmsn? (Tracy K. Wood, Hillsboro OR, Sept RIB) Well, of course; supposed to be 100 kW xmtr here now I think; taped 8/8 0800-0900 and hrd EG ending at outset, and 2 EG IDs, requests for reports during following hour (gh) Also 29/7 0849 EG ID, 'for Guatemalans abroad and friends of Guatemala' (Jack Jones, Jackson MS) Irregular (gh)

GUINEA Conakry hrd 29/8 /sic--probably 29/6/ with long talk on United States of Africa in EG at 0420-0440 on 4910; ID 'The Voice of the Revolution in Conakry' (Mike Barraclough, July WDXC Contact) Doubt it's a firm schedule, but might bear checking around that time for EG (gh)

HUNGARY I can't believe it. R. Budapest coming in at 0200 well on 15220--first time ever hrd on this fq (David Crichton, Germantown TN) Also good here, often better than 17710; had been inaudible on 15220 most of summer tho listed; I think they have one less xmtr than fqs or swap hi power/lo power. Remember all xmsns an hour later as from 28/9 w/std time (gh)

INDIA AIR 2245-0115 is on 15110 11765 9605 7215 (JADX via R. Australia DX 3/8) more, LN-15

IRELAND Free radio stn R. Dublin now on 6317 (measured 6316) with 300 watts 24 hours, except Mons 0200-0600, per call to stn; reports may be phoned to Dublin 758864; they intend to stay on SW and seem unworried by threatened anti-pirate legislation; and occasionally on 6400 and 7200; better reception now (Mark Fulwell, Allen Dean, Mark Warner, Nicholas Sharpe, Mike Barraclough & Gordon Darling, Aug WDXC Contact) R. Condon, LN-15

ISRAEL All broadcasts from Israel are now being heard one hour earlier, because Summer Time is in effect from 2/8 to 13/9 (Efraim Geffen, IBA, 6/8) No frequency changes for this (Ben Dalfen, DX Corner, 27/7 via Bob Hoffmann, NY) And S80 changes delayed to 14/9. In my opinion, the fact that the home country changes time zones is not sufficient reason to mess up an entire external service to countries where the time has not changed (gh)

JAPAN (Cf June LN-2) R. Japan S80 changes: 2015-2045 ME&NAf 15420 & 11780 ex-15235 & 11855. Eu 0800-0830 17855 ex-17870; 1830-1900 11875 ex-11855. General Service: As 0400-0730 17880 ex-15195; Eu 2200-0530 9585 ex-15310; Portugal relay 0700-0715 15130 ex-15435; 2200-2215 1530 ex-15180 (R. Japan)

JORDAN On a July trip I checked 9560 at 1500-1730 and found no trace of Jordan; nor on any other SW fq, but still on MW 856, past 1730; could be fluke since I checked only once (Dan Lang, Murrysville PA) You omitted where you were; could have been in skip zone for 3im (gh)

KOREA NORTH KCBS, R. Pyongyang: 0600-0750 Eu 11905 9420. 0800-0950 SEAs 11780 9977 3560. 1100-1250 Ams 9977. 1300-1450 SEAs 9977. 1500-1650 N&ME&Aaf 11895 9977 3840. 1700-1850 N&ME&Aaf 11895 9977 3840. 2000-2150 Eu 9420 6575 3560. 2300-2450 Ams 9977 (WBI 31/7)

MEXICO R. Mexico International hrd w/EG pgm 'The Mexican Hour', travelog-like tour of coastal towns, ending with long credit list, 0137-0140 25/7 /Fri/, SIO 444 on 5985 (Jack Jones, MS) WYFR now blocks this, but 17765 should be clear of AFRTS for S80. Same show is aired in EG now on XERF-1570, better hrd thruout NAM from Del Rio', GMT Mons 0400-0500. I warn you not to listen to XERF at any other time! (gh)

MONGOLIA Did hear RUB, barely on 11825 *1220 22/7; sadly, beneath tone and at 1225 IS of R. Australia Indonesian service (Doug Jaffe, Montpelier VT) Same here; useless; 11825 sked to continue S80 from R. Australia (gh)

MOZAMBIQUE R. Mozambique ES hrd on 4855 at 0400-0429* (Jean-Jacques Bloch, Washington DC)

NETHERLANDS RN S80 sked shows only one change compared to J80 and it isn't EG (gh)

NORWAY (Cf Aug LN-2) Final S80 NRK sked (EG GMT Mons) shows 0000-0030 9550 FE (I omitted); 0200-0230 NAM 9610 not 9595; rest about the same (gh & via Eric Swedberg, Portland OR)

PAKISTAN New sked for R. Pakistan ES until 7/9: 0230-0245 SEAs 21745 21590 17835. 1100-1115 Eu 21655 17662. 1600-1615 ME/EAf 21755 21635 21485 17910 17660. 1645-1745 UK 15485 11675 (Shigenori Aoki, NDXC, via ADXN) more, LN-15

PHILIPPINES (Cf July LN-1) R. Veritas Asia changes: 1130-1200 add 11775; 0030-0100 & 0300-0330 on 17785 ex-17790 (WBI 31/7)

POLAND R. Polonia 0200-0238 & 0300- on unannounced 7145, their 'seamen' fq (Max Greenwood, PA)

PORTUGAL noted 21/7 to 0532* (ex-0520) in EG on 9575 11925; suspect also to 0320 (Dale Park, Honolulu HI) I.e., Esperanto segment dropped, tho I keep forgetting to confirm. Also believe I hrd R. Portugal announce that they were dropping 11800 and 15125 for EG at 2030-2100 Eu (gh)

SWEDEN (Cf July LN-2, Aug LR-D-3) R. Sweden again moved, back to 15315, this time for EG only at 0230, not for SW 0200, still 15290 co-Brasil but not QRing Nederland, noted 28/7. However for S80 NAM changes: 2300-2330 15270 ex-15380 //11705; 0230-0300 9695 ex-15315 //11705 (gh, STA)

UGANDA R. Uganda noted in EG at 1832 on 15230 (Wesley Carroll, LA, July SPEEDXGRAM)

U S A WYFR has begun its 'Canadian' service, 1300(Sun 1230)-1552 on 9535, 1600-2152 on 11830, 2200-0500 on 5985 (Jim Conrad, LA) VOA-Bethany still appears in the S80 sked; some fqs on which it is the only VOA xmtr sked are 25880, 21485 and 9525. AFRTS S80 sked derived from VOA sked shows 25615 resumed at 2200-0200 replacing 17765; otherwise: 21670 Phi-50 0100-1900. 21570 DL-50 1800-0430. 17765 DL-50 1600-2200 & 0200-0600. 15430 BY-175 Nfld 1100-1600, Azore 1600-2400; also GR-250 1600-1800. 15330 BY-175/175 Azores/SAM 1100-1600; BY-175 1600-0200 SAM DL-50 FE 0430-0600. 15345 GR-50 1800-2400 Nfld, 0000-0200 BY-175 Nfld. 11805 DL-50 0900-1800 11790 GR-50 1800-2400 Nfld, BY-175 0000-0700 Azores. 9755 BY-175 0200-0700 LA. 9700 DL-50 0900-1600. 9590 GR-50 0900-1100 Nfld. 9575 BY-175 0900-1100 Azores. 6030 GR-50 0830-1100, BY-175 0200-0700. 11835 Phi-50 1900-0100. However, 9530 replaced 9575 0900-1100 24/7 (gh)

UN Radio's Friday (Mon-Fri as soon as the General Assembly goes into session) 2245-2300 report to Caribbean returns to 11830 ex-11920 which was co-channel Moscow, //15225 (gh)

U S S R R. Moscow services to NAM, expected to become effective 7/9; real sites parenthesized

Nam Service 2300-0400: E&CNAM: 12030 Tula (Simferopol') -0100. 11770 Kiev (Lvov). 11750 Lvov (Plovdiv). 11720 Lvov (Nikolayev). 11710 Vinnitsa (Sofia) -0300. 9720 Kenga (Novosibirsk). 9700 Sofia (Sofia) 0130-. 9685 Moscow (Simferopol') 0130-. 9665 Ivano-Frankovsk (Simferopol'). 9610 Tula (Lvov). 9600 Havana 0000-. 600 Havana. WNA: 21565 Petropavlovsk -0300. 17760 Khabarovsk. 17700 Petropavlovsk. 15425 Petropavlovsk. 12050 Khabarovsk (Petropavlovsk). 9710 Petropavlovsk 0330-. Nam Service to West Coast 0400-0800: 17760 Khabarovsk. 15425 Petropavlovsk. 15405 Khabarovsk -0600. 15180 Komsomolsk 0400-0500. 12050 Khabarovsk (Petropavlovsk). 12030 Petropavlovsk. 11875 Khabarovsk 0500-. 11755 Vladivostok 0530-. 9710 Petropavlovsk. WS to WNA: 9655 Komsomolsk 1300-2100. 9710 Petropavlovsk 1300-2000. 9750 Petropavlovsk 1300-1700. 11720 Khabarovsk 1300-1900. 12030 Petropavlovsk 1300-2100--may be off. 12050 Khabarovsk 1800-2300. 15245 Petropavlovsk 1700-2000. 15425 Petropavlovsk 2000-2300. 17700 Petropavlovsk 2200-2300. 17760 Khabarovsk 2200-2300. 21565 Petropavlovsk 2100-2300. WS to ENAM: 1200-2300 no changes. 0400-0600 12060/11920/11735/11720 off, 9610/9530 added. R. Kiev 0030-0100 9800 7150 11735 ENAM, 15180 15405 17870 WNA. 0300-0330 same. R. Vilnius 2300-2330 7150 11735 ENAM, 15180 15405 17870 WNA. R. Yerevan: 0353-0358 Su/We/Th/Sa 15180 15405 17870 WNA. Hard to QSL site Kursk not in J80 or S80 IFRB schedule on 11755, but in addition circular for 2230-0430 WS to SAs/ME. Try prior to VOA-Colombo *0100 (UHN Aug)

VIETNAM Cf July LN-2, VOV second xmsn at 1330-1430 was mistake for 1530-1630, and WBI now-2477--says 15010 10040 for it; no changes in other xmsns (gh)

YUGOSLAVIA LN-15

/more, LN-14

MISCELÁNEA RADIAL

AFGHANISTAN On 19/7 R. Afghanistan replaced 15075 by 17745 for ES in Pashto/Dari 1730-1830; Russian 1630-1700

continues on 11805 (WBI 24/7) 27/7 obs confirm GM 1830-1900 on 17745. Relay of DS in Pashto/Dari obs 26 & 27/7 +0745-1040x on 15075 //other channels; 30/7 15075 DS *0125 (WBI 31/7) 17742

ALBANIA R. Tirana will start Swedish xmsns thrice daily: 0430-0500 & 1830-1900 on 7300 5960; 2230-2300 9375. Section headed by Mr. Peter Sörnstedt (Ullmar Quick, Eskilstuna, Sweden, SCDX 22/7). R. Tirana Chinese hrd at 0500 on 14320 (Jim Conrad, IA, early August) more, LN-14

ALGERIA RTVA Arabic hrd at 0633 on 15233 (Michael Willis, R. Australia Japanese DX 3/8)

ANDORRA is running 6215 //6225 at the moment to 2100* with AWR pgms, except Sun when World Music Radio continues for one hour. 6225 is the new 10 kW xmtr, previously tested on 15030 & 9370. 15030 now used one hour Suns in EG 0900-1000 including DX pgm 0930, //9670 /Portugal/ which is on 0930-1000. Was about a minute ahead on the 3rd so don't know how they are feeding it, as DX pgm is taped on Thu or Fri for Sun xmsn (Mike Barraclough, UK, 13/8) 15030 was tested 22/7, 9370 on 28/7 (Noel Green, BBCWRC 10/8) AWR obs 1720 26/7 on 15030 //6219. AWR-Portugal stated 27/7 that 15030 tests from Andorra would end that eve, and from 28/7 tests of AWR pgms would be on 9395 at 1630-2100 //6219, but 9370 was used instead from later than 1630 (WBI)

ANGOLA R. Nacional Angola, Luanda, hrd on 3375 to 2400* 25/7, 26/7, new later sign-off helps Nam Reception (Maxfield Greenwood, Devon PA)

more ANDORRA LN-14

ANTARCTICA After about 270 days I received an 8" x 13" 'certificado confirmando escucha' from LRA-36 accompanied by a letter from Marcos Alberto Calmon, Mayor (major?) and director of stn, all stamped with a big blue stn seal. He says mail only arrives there by icebreaker during Dec & Jan and that sked is now 1130-0230. Might be possible in mornings now if fq is clear. Postmark B.A., probably like FPO mail here; letter dated 11/6 so it was sent in mid-winter. A very nice letter along with a pamphlet about the Argentine Antarctic, in English (Bob Rankin)

ANTIGUA BBCWS hrd 13/6 0730 on 28530=3 x 9510 (Les Wells, UK, WDXC Contact) what a MUF! (gh)

ARGENTINA RAE to add 3 new 100 kW xmtrs (REE DX 4/8) RAE has just acquired 3 x 100 kW xmtrs (SFR DX 18/8) Now if they get some new frequencies, they'll be in business (gh)

ARMENIAN SSR R. Yerevan hrd on 6120 ex-6085, to ME //4990: 1300-1400 Azerbaijani, 1400-1500 Kurdish, 1500-1530 Arabic, 1530-1630 Armenian, 1630-1730 HS in Arm, 1730-1800 KD, 1800-1830 AM, 1830-1900 AR, 1900-2100 AM. At 1630-1730 also on 4810. AM to Eu is on 11805 2130-2200; to LAm 2200-2300 on 15515 (Shigenori Aoki, NDXC, via RA DX 27/7)

AUSTRALIA From 28/7, Carnarvon's sked amended so that Darwin took over 2 xmsns: 11855 Indo 2258-0100; 21570 EG SEAs 0158-1052. From 4/8 for a trial period, Darwin MW stn 8DR-657 kHz carries R. Australia EG pgms 1430-1930--the first time an ABC MW stn has relayed RA (Robert Jones, Aug ADXN) For overnight workers; RA anc'd it 1/8 and felt confident it would be accepted by public; at 1330-1830 (WBI 7/8) Time conversion confusion? (gh)

BELGIUM From 1/9, BRT adds a 22-min daily pgm in PT to Brasil, fq and time TBA (Carlos Roberto Godinho, Parana, RN Espacio Diexista 15/8) Bet it's in the 2205-2245 'hole' in sked (gh)

BOLIVIA Obs following the recent military coup confirmed the opn of these SW stns: R. Saracenda 4885, R. Norte 4938, R. Animas 4990, R. Roboré 5312, R. 21 de Diciembre 6082, R. Santa Cruz 6138, R. Luis de Fuentes 6146, R. Indoamérica 6175, R. La Plata 9717. Also, these stns which became part of the 'National Radio Network' headed by R. Batallón Colorados, La Paz: t. Grigotá 4830, R. Batallón Topáter 4980, R. Cristal 5005, R. Progreso 6005, R. Panamericana 6035 (WBI 24/7) On 29/7 R. Batallón Topáter in Oruro broadcast text of a document signed by the Commander of the Second Army Corps, the Bolivian Mining Corp., the Catavi Mining Enterprise and reps of the miners. It stated i.a. that the Commander of the Second Army Corps had received and was the trustee of xmitting eqp belonging to R. 21 de Diciembre, R. La Voz del Inero and R. La Voz de Llalagua. The eqp would be returned following a request submitted to the govt. (R. 21 Dic had been supporting miners, hostile to military authorities) (WBI 31/7)

AFP reported that the Minister Secretary of Press & Info said in La Paz 4/8 that 90% of Bolivian radio stns were not functioning in accordance with the law. Stns had been authorized to resume mx and ads, but were obliged to join the National Radio Network to broadcast info controlled by the govt. Their future was now being evaluated, but they would continue under state control for the time being. A further AFP report 4/8 said that according to the Bol. Telecomms. Directorate, R. Fides had been closed down indefinitely. Stn had been accused of broadcasting pgms 'inspired by foreign interests and broadcasting aggressive and disrespectful opinions against the state's high powers and other institutions as well as inciting the disruption of internal peace'. R. Fides, per AFP, had been taken over by paramilitary forces 17/7 and its technical installations irreparably damaged (WBI 7/8) I saw photos of R. Fides after the facilities were machine-gunned apart. I doubt it is still on the air (Tracy K. Wood, OR, Sept REVIEW OF INTERNATIONAL BROADCASTING) Cf July LN-3; R. Corocuro hrd on 5870 27/7 at 0140 pwr ('FC' in PLAY-DX, Italy, 4/8) See also Democratic Solidarity Radio Network, LN-12; LN-14

BRAZIL New R. Nacional de São Gabriel noted on 3375 at 0343-0403* 28/7, definite ID and fq, no s/off anthem; not audible 29/7 (Gerry Bishop, PA) Don't confuse ANGOLA, LN-3. This in Amapá state, WRTH 80 list as inactive (gh) New stn presumed R. Aparecida, noted on 6010 0300*, *0900, ex-5035? (Arthur T. Cushen, NZ) Hrd R. Nacional Cruzeiro do Sul, 4765, 24/7 0250+, sambas, many IDs; listed in TBS as 'not yet started', QRM another Brazilian. R. Anhanguera, 4915 at 2325 15/8, ID, fqs, pop mx, way over Macapá if there at all; ID sounds like 'Anguera' (Jay Novello, Endwell NY) 4765, R. Nacional de Cruzeiro do Sul is active. R. Iracema, Fortaleza, 4815, active, sked 0900-0300 (SWN via WRTH-LA) R. Por Um Mundo Melhor on 4855 ex-3235 (Robert Veltmeijer, WRTH-LA 26/4) R. Dif. de Poços de Caldas, 4945, sked 0830-0030, stn says. R. Dif. de Teresina says it's on 4845 ex-4835, 0700-0400; R. Brasil Central, 4985 says it's on 9755 and may increase to 10 kW (WRTH-LA 30/6) R. Transamazônica, 3520 hrd on 3525v (SWB/WRTH) R. Nacional de Rio active again on SW with 10 kW on 9705, at Itaoca Island off the city of São Gonçalo in Rio state--same site as Radiobrás' Rio xmtrs and Tupi's. Per RB, sked still varies but soon 1000-0315 always relaying 1130. Contrary to WRTH80, R. Caicara, Pôrto Alegre does not use 6080--MW only. RNB Amazon svc reported on new 17735 //15445 11780 (Roberto Levinstein, Madrid, WDXC Contact) More, LN-14

BURMA unID Burmese-type stn, tent., hrd on 4980 +1230-1330* with local mx, talk; at 1330 s/off, played 'Sain Orchestra' type Burmese traditional mx; maybe un-named anti-Burmese govt clandestine operated by minority group? (Takumi Kobayakawa & Takumi Yamazaki, ICDXC 12/7)

CAMEROON Yaoundé hrd back on 4972 //4850 with Nat'l Svc around 2000, weaker than 4850 matching listed powers of 100 vs 30 or 4 kW. Both usually // 9745 (QTH Africa 30/7)

CANADA Are the CBC outlets on 6160 still on, and CKFX-6080, and CFVP-6030? I'd like to DX them but about 2 years ago I read they were to be phased out (Bill Bergadano, Staten Is NY)

CHINA Xizang PBS, Lhasa hrd on new 5955 for Tibetan svc, ex-9490, //4035 5995 11787 (Shigenori Aoki, NDXC via RA DX 27/7) Fujian PBS, Fuzhou, ES to Quemoy & Matsu: 0000-0030 Std Chinese 5040 4975. 0130-0200 Amoy 5040 4975: 1400-1430 Std Ch 4975 2340. 1500-1530 Amoy 4975 2340. 2100-2130 Std Ch 4975 2340; + numerous MW fqs (WBI 24/7)

COLOMBIA Rdif. Nacional obviously doesn't use mil-spec parts! Drifting 49m fq up on 6252.3 on 2/8 to 0500*, next day 6253.8. Previously hrd 5990, 6168, etc. Loud; in terms of audibility it's actually a rather good pick! (Richard Stoller, Old Bethpage LINY) Hrd 2/8 0408 on 6252, // 15500 to 0500*, also 3/8 but not 4/8 (Mike MacCollum, IN) 6254 3/8 0405-0430, not hrd next few nites but 7/8 on 6250, tentative; 6251 10/8 0330-0500. What they're doing on this fq, I don't know (Kirk Baxter, Mission KS) Am hearing them on 6250 v 6255, 0200-0400 (Bob Rankin, KS) R. Super de Cali on new 6125 ex-6085, 1034 9/8; not checked since (Jack Jones, MS) La Voz de la Selva, Florencia, noted on late or 24h on 6170, 0830-0930; rarely has operated at this time during 1980 tho in past years often did (Peter Bunn, RA DX 20/7) La Voz de los Centauros hrd on 23822, 2310-2354 2/8, 4 x 5955+, confirming that fund is on hi side (gh) more, LN-14

COMORO Radio-Comores back on 7260, noted 1330-1508 19/7; some audio feed difficulties, and a substitute mx pgm 1400-1450 (Andrea Sella, Kenya, QTH Africa 30/7) Only other SW outlet known to be active is 3331, both 4 kW (QTH Africa editor) 7260 nice long-path west coast target (gh)

CONGO 15190 hrd at 0700-1100, variable s/on, and 1400-1700*; 9715 at 0600/0700-1700; 3265 at 0830-2300* (Richard Ginbey, Vanderbijlpark RSA, RN DXJB 14/8)

COOK ISLANDS Rarotonga 5045 now closes at 0900 (Arthur Cushen, NZ) Whew, no QRM to Havana (gh)

COSTA RICA R. Noticias del Continente address is Ap. 876, Centro Colón, San José (SWB via WRTH-LA 26/4) TIFC has 5 xmtrs including AM & FM, so 3 SW: 500 W on 9645; 5 kW on 5055; 2.5 kW on 6175. 6035 also listed, presumably alternate for 6175 (July WDXC Contact)

CUBA Cf Aug LN-4, checking 1958 WRH, found that 5045 was listed for a 1 kW Habana stn, COCW, Circuito Nacional Cubano. Post-revolutionary authorities probably figure the fq still belongs to Cuba, tho certainly sounds like a higher-powered xmtr now (gh) Still hrd only at 1000-1100 with RMWS // 9600 (Jim Conrad, IA) RHC hrd 2110.2/8 on 20786 in AR(?) to 2113* (Mike MacCollum IN) On 1/8 RHC was crossmodulating with an RTTY xmtr, producing various spurs between 14800 and 15000; not too surprising as RHC shares site with Cuba's main HF PTP facility (SWNS)

CHILE R. Nacional de Chile, Arica, says it uses 9530 at 1100-0600 (WRTH-LA 30/6) Cf July LN-4: R. Manantial, 6260 hrd since June evenings +0100-, about 1 kW; from very isolated Chile Chico, 1600 km S of Santiago (Felipe Asejo, Pacifico DX Club, via RN Espacio Diexista 15/8) Some skeds: R. Universidad de Concepcion, 6135, 1100-0300. R. Nacional, 6150 & 9545 1000-0500;

R. Agricultura, 9630, 1000-0400; R. Minería, 9750, 1000-0600 (ibid.)

DOMINICAN REPUBLIC An unconfirmed report says Rudy Espinal has returned from Venezuela to Santo Domingo (Aug SWNS)

ECUADOR R. El Mercurio, Quenca, says it has 2 kW on 6070; Manager of R. Bahá'y, 2340 is Isabel de Calderón; La Voz de los Cardas, 4765 says power is 5 kW (WRTH-LA 30/6) ERP Riobamba 3985 hrd *1007 with march; on 4820, 'La Voz Católica de Ambato' hrd at *0923 with march and anmts in SP & QC (Arthur Cushen, NZ) That's presumably a sublog for R. Paz y Bien (gh) On DX Party Line 7/8, Clayton Howard described HCJB's xmtrs and how they are designated: T1 50 kW 25-19-16m; T2A 50 kW 49m; T2 50 kW on MW 690; T3A 10 kW 6090 mostly Quechua; T3B 10 kW 3220 ditto; T4A 30 kW mainly 31 & 19m; T4B 30 kW 25-19-16m; all of these were built by HCJB engineers. T5 = Johnson Viking 100W converted ham xmtr for 26020; T6, T7 and T8, are 100 kW RCAs covering 3.2 -26.1 MHz. T9 is HCJB-built 500 kW for 49 thru 13m, not yet operational; also 2 FM xmtrs in Guayaquil & Quito (gh)

EL SALVADOR Feared R. Nacional had left SW before I got it, until logged 14/8 1115-1128 with ID, CST TC, IS (Maxfield Greenwood, PA) Noted 16/8 1240 on 9553, too close to Habana-9550 (gh) Beat here around 2130, on 9554 (Gerry Bishop, PA) 9554 fair at 2330 ID past 2400, via long-path 3/7; hrd subsequent days as early as 2300; QRM from Gabon 2nd harmonic; not audible past 0100 due to jammers (Bob Padula, Victoria, ADXN) 9552v, often 0030-0100, LA mx, EG pops, ballads, frequent IDs; fair-poor; lost at 0100 when Liberty & jammers open (Gordon Darling, WDXC)

FRANCE On RFI 17860 12/7 hrd an EG 'news flash' on Chaine Sud--number given to call for driving condx, wx, tourist info; 'English speaking operators will be on hand to answer your questions'. next EG flash would be 'a few minutes after 9 AM tomorrow', and back into FR at 1405 (Jay Novello, NY) German nx on 21705 at 1504 16/8 stumped me until France-Inter FR ID 1505 (gh) 'Coopération Radiophonique' for rebroadcast in Africa, independent of RFI /but on its fqs/ sked 0915-0945 on 25900 25820 21730 21675 21570 17795 17775; 1515-1545 on 25900 25820 21515 17785 17850; not Sundays; mostly in FR tho occasional items in EG. Broadcast to Antarctica in FR Mondays 0800-0845 on 11880 (R. France via WBI 17/7)

GERMANY WEST Tnx to four new 250 kW xmtrs, R. Liberty is now heard totally clearly in its Central Asian Service at 1200-1600 on 17895 (Spanish SCDX broadcast 20/8) The location of these was mentioned but I didn't catch it (gh) Some DW changes for S80: SP to IAm 2300-2430 17720 ex-21560; Same for PT 2130-2300 & 0030-0110. GM to Ams 2200-0150 add 17860; error in my piece Aug SWC-7: Antigua 6085 not 6065 (Ralf Munster, Decatur GA)

GUATEMALA Cf Aug LN-5, two QSLs received a week apart for the same report to AWR-LAm; took 18 days by airmail. BBCMS report of calls TGNU- totally incorrect as cards show TGMU. I have hrd them at least once a week since 9/6 and have yet to hear an ID in EG at 0430 or s/off as 'Union Radio' (Phillip Marshall, East Point GA) Well, they certainly did at the outset. Also received two QSLs here, in one envelope, one specifying '6090 x 3' for 22/3. This was their first day of operation but card does not say so. They still owe me promised gift (gh) La Voz de Nahualá, good and strong on 6720, 2 x 3360, 24/7 to 0445* (Dave Walcutt, TX, 31/7) LN-15

ICELAND Reykjavík hrd in Icelandic on SSB 12175 at 1850; 15420 unheard (Victor Goonetilleke, Sri Lanka, RN DX Juke Box 24/7) more, LN-15

INDIA AIR Delhi hrd *1330-1415* on 7155 7/8+, nx in various sub-continental langs; jamming QRM from 7150; neither fq nor xmsn listed in WRTH 80 (Bob Hill, Redwood City CA) more, LN-15

INDONESIA RRI reported 22/7 that all non-govt stns in Maluku Province, particularly in Ambon and surrounding areas, have been called upon not to relay foreign radio news broadcasts. The Head of the Info Dept's office for Maluku had also requested that they refrain from broadcasting reports 'which may cause restlessness in society--especially pornographic and coded reports'. Those ignoring this appeal, he said, would have their broadcast licences revoked (WBI)

ISRAEL IBA EG at 1900-1930 hrd 8/8 on unlisted 5910, SIO 554 (George Munz, NJ) That's really much too early this time of year for such propagation, especially if super-strong. Suggest you had a receiver image from a higher frequency (gh)

ITALY Italian Broadcasting Corp., listed 6250 actually 6251½; 17940 is inactive and will not come into service until Sept; there are also future plans for tests in 11m on 26005. IBC's latest sked includes 30 min of Farsi Sundays 0800 on 6251.5 & 6275 and 1400 on 6275--pgms prepared by Iranian students resident in Italy, including probably the world's only DX pgm in Farsi; all info from IBC man in charge Stefano, met at EDXC Paris (Mike Barraclough, WDXC)

JAPAN (Cf June LN-6) 300, 600 or 900 watt NHK HS SW relays changes/corrections: 3607½ Hiroshima to 1000; Tokyo not Sun. 6005 Matsuyama to 0252; Fukuoka 0140-; 6175 Tokyo not Sat; 6175 Hiroshima to 0800; 6190 Osaka to 0330; 9550 Tokyo not Sun. Also, test xmsns on 9535 from 300 watt Nagoya 0745-0755 on 3rd Thurs; Osaka 0800-0810 3rd Wed, Sendai 0803-0810 3rd Mon. Xmtr sites: Sapporo - Nopporo; Hiroshima - Gion; Sendai - Haramachi; Fukuoka - Kasuga; Tokyo - Kawaguchi; Matsuyama - Harita; Nagoya - Okehazama; Kumamoto - Shimizu; Osaka - Mihara. These SW relay are used as backup for regular broadcasts (Yoshiaki Hayashi & Shigenori Aoki via JADX & NDXC, via August ADXN) Kumamoto is registered for 9535 but has no regular service. First net pgms are on 3259, 3607½, 3970, 6005, 6130, 6175, 9535 and 9550; 2nd Net on 3377½ and 6190 (R. Australia DX 10/8) R. Japan EG hrd 10/8 at 1000 on 15505, new? (Richard Dale, Springfield MO) Receiver problem? Normally 9505 (gh) FEN hrd on 47700 kHz 24h, as feeder from Yokota studio to Asaka xmtr (Yoshiaki Hayashi, Japan, R. Australia Japanese DX-Time 27/7) Should be a possibility during this fall's F2 MUF peak (gh)

KENYA Cf Aug LN-5. QSL from VOK bears this notation: Mombasa has MW only; Langata, near Nairobi has SW xmters; 4934 is at Langata (Mike Hardester, San Marcos CA, 3/8)

KOREA NORTH KCBS R. Pyongyang non-EG ES sked (not including Korean to S. Korea & Japan): 0400-0550 FR Eu 11905 9420; JP 11780 7290 3560 634. 0400-0650 AR 11885 9977 3840. 0600-0750 Std Chinese 11780 7290 3560; FR NGME&AF 11885 9977 3840. 0800-0950 FR SEAs 11905 9420; RS to FE 7290 7203 3840. 0900-1455 JP 6540 3015 634. 1000-1050 KR SEAs 9977 9420 7290 3840. 1100-1250 Std Ch 7290 3560; SP Lam 9420 3840. 1300-1450 FR SEAs 7290 3560; SP Lam 9420 3840. 150-1550 KR NGME&AF 11905 6338. 1500-1650 RS Eu 9420 6575. 1600-1750 AR 11915 6338. 1700-1850 FR Eu 9420 6575 3560. 1800-1850 KR NGME&AF 11915 6338. 1900-1950 KR Eu/NGME&AF 11895 9977 9420 6575 3840. 1900-2050 FR NGME&AF 11915 6338. 2000-2050 KR Eu 11895 9977 3840. 2100-225 AR 11915 9977; JP 7203 6338 3840 634. 2200-2250 KR SEAs & Lam 9420 7290 3560. 2300-2450 Std Ch 7290 3560; SP Lam 9420 3840 (WBI 31/7) On 11906 closing KR 1548; USSR 11905 QRM. Also 11-915 *1600 AR, both 9/8 (Bob Hill, CA) JP 2100-2250, fair on 21608 (Bryan Clark, NZ DX Times July) Aha! That's 3rd harmonic of 7203 (gh)

KOREA SOUTH Prosecutor General Kim Chong-kyong threatens stern punishment of people who secretly listen to broadcasts from North Korea, or spread anti-Seoul propaganda (Korea Herald, 22/6, via Eric Cooper, RIB) We have such nice democratic friends, don't we? (gh)

KUWAIT R. Kuwait now closing 11665 and 15345 at 1900 in EG broadcast instead of 2100, but 9650 and 1345 continue (Herbert S. Wolfson, Blauvelt, NY, 10/8) Probably temporary measure for Ramadan like last year (gh) Right, I notice they're back to 3 hours now (Wolfson, 17/8)

LAOS Xiang Khouang Province National Radio, obs on unlisted 5600, likely ex-5089 as nothing hrd there since; could not check reported //7130; +1200-1400* in Lao, Lao Soung, local lang; Vientiane relay 1200-1230; never played nat'l anthem at 1400* but Pakse does (Isao Ugusa, Japan, DX Front Line 25/7) XKPNR now on 5602 +1100-1400*, first noted 6/7 seems ex-5099 (Takumi Yamazaki, Akita, Japan, ICDCX)

MALAWI LN-15 LESOTHO LN-15

MEXICO XEVJ, from Linares, Nuevo León, international coverage in the decade of the 80s, on 5980 kHz, a frequency which cuts distances short /play on words in Spanish on 'shortwave'-- translated text of ad in classified section of Monterrey newspaper El Porvenir, 27/7 & 29/7 via Horacio Hinojosa Arce, via RIB & Roger Legge. The ad doesn't really say it's on the air now, but could those closer to NL check 5980 especially in daytimes. It was mentioned in Jun LN-6 as 24h, XEUJ, no doubt one of numerous typos in original source (gh) For about 3 weeks have been hearing stn on 6185, as early as 0830, as late as 1000--nothing but mx, all kinds--classical, pop, R&B, Lam, etc., never any amnts; pretty good level but considerable fading. I wonder who? (Jack Jones, MS, 5/8) Checked it 14/8, playing album sides, very brief voice over mx IDs at 0958 & 1040; still detectable at 1102 tune out after Colombians gone. Am 100% positive call is XEEP, as in WRTH, but couldn't make out stn name (Maxfield Greenwood, PA) Electrical rationing is in force in Mexico now--blacking out different areas on different sked for two half-hour periods each evening. Everyone is affected; broadcast stns go off the air when their particular area is out, and return when the power does. Large industrial users are trying to negotiate a change in the sked of 'cortes' so they can close one day a week instead of having workers sit around for two half hour periods a day. This will continue until enough rain has fallen (Carl Huffaker, Mexico City, 28/6, via SPEEDX)

MOZAMBIQUE Maputo, 4800, first noted 25/7 2140; 26/7 1945, seems natl pgm not interprovincial and good level on new fq (Peter Bunn, Australia, ADXN) maybe ex-4925 as unhrd there; not //4865 26/7 (Bob Padula, ibid.) It's Nampula provincial stn, ex-4965, varying 4798 to 4804 on different days; in past also used 4938 4950 4965 4972 4975 5350, all but last confirmed here (Miki Vclai, QTH Africa, Pretoria, 20/7) Nampula on 4965 ex-4945 0255-2210 (Richard Ginbey, RSA, RN DXJB 14/8) The 'interprovincial' pgm transmitted from Maputo is not, as name would seem to suggest, a second country-wide pgm, but one serving Maputo & Gaza provinces only, in the same way as Beira or Nampula; there is only one country-wide pgm, in PT only, IDing as 'National' pgm (E. Mondlane, Mozambique, QTH Africa 30/7) Fqs used by this are: 3210 4868 (nom 4865) 7240 9618 11814 15300v (QTH Africa ed.) Where've I heard that name Mondlane before? (gh)

NETHERLANDS (Cf Aug LN-6) Altho ISWBC stns rely mainly on services of monitors, we do believe that when a listener takes the trouble to send a correct reception report, it deserves verification. We do not intend to drastically alter our QSL policy but due to budget considerations we are making a few changes. As of 11/80 we will start issuing two different QSLs per year, and this will happen on 1/5 and 1/11 annually. We will make an effort not to send out more than one QSL per month to a particular listener; with only two cards a year we assume that few people will try to collect more than one of a particular issue (Frits Greveling, RN DXJB 19/6 via NZDXR)

NEW ZEALAND After my return from ANARCON Los Angeles, RNZ told me our 19mb antenna is off the air at the moment; may be back on before end of August (Tony King, Wellington, 3/8): RNZ now on 15485, natl pgm relay 0350 18/8, comparable signal to 15345, slight RTTY QRM 15482½ (Jay Novello, NY) Glad they didn't wait to 6/9; quite an improvement here; y'all listen in (gh)

NICARAGUA La Voz de Nicaragua noted in Brazil on 11375 at 0100 (Roberto Levinstein via Mike Barraclough, WDXC who adds: could be a typo, or a xmt misalignment) Hrd 21/7 on 5950 with pgm at 0200 celebrating the first anniversary of the revolution; not hrd for months prior to this, nor since (Gerry Bishop, PA, 28/7) 25/7 0128 on 5950, very fidel-castroish speech by member of the ruling junta; SIO 444 (Jack Jones, MS) I've run across it a few times on 5950(g)

NIGERIA Kaduna 50 kW test on 4770 no longer hrd, but 6090 very active 0430 (Green, WRC 10/8)

PARAGUAY (Cf Aug LN-6) R. Nacional hrd on new 9735 apx; 6025 still on, very good but deep fading in Santiago, 0215-1500 GMT /sic/ (Felipe Asejo, Pacifico DX Club, RN Spanish DX 15/8)

PHILIPPINES (Cf Aug LN-7) I had a carrier and some audio on 3115 about a month ago, reported it but not printed in FRENDX. There was something there; only hrd once and not even a carrier since (Mike Harvester, CA, 9/8) R. Veritas Asia fq usage: 17785 0000-0400. 15320 0130-0400. 15285 0000-0400 & 2155-2400. 15215 0955-1530. 15135 0030-0130. 11955 1300-1530. 11935 1230-1300. 11725 2125-2425. 11775 0955-1200. 11705 0925-0950. 9745 2125-2400. 9625 0925-1025. 9615 1030-1300. 9605 1300-1530 (R. Veritas via WBI 31/7, rearranged by gh)

PORTUGAL (Cf July LN-6) Changes in sked dated 6/80 for RDP ES: Venezuela 0000-0230 PT & 0230-0300 SP 15240 ex-15185. PT to Eu 1100-1300 (Sat/Sun 0800-1800) 17825 ex-17755. Eu 2000-2230 in foreign langs on 11800 15125 /tho I think they may have turned these back to PT now/ with 6025 in PT 1800(Sun 1830)-2000. PT to Brazil 2200-0100 & SP to SAM 0100-0130 on 15170 ex-15250. However maybe further changes for S80 now (sked via Rowland F. Archer, NC) also via (WBI 24/7) R. Portugal EG 16/7 15125 was also on 15140 with spurs on 15019.5, 15046.7, 15062.3 15088.0, 15110.0...lost interest--band a mess! (Jay Novello, NY) 4/8 at 1803 I hrd R. Portugal in EG on 21700 until suddenly off at 1809; at 1820 hrd EG on 21530 and 17880 where it was supposed to be, but not on 21700 (Mike MacCollum, IN) /more SAUDI, LN-15

SAUDI ARABIA Sked for non-EG services lists these fqs: 21505 15060 21600 11950 9720 7220 5875 11870 7290 17805 21615 15435 11685 11910 15410 17865 21565 15345 17720 15275 19545 (Geo. Munz, NJ) Last may be SSB feeder? (gh) Besides 14 MW fqs, Gen'l svc in AR from Riyadh announces when it opens that it can also be hrd on SW 11950 11870 9720 7290 7220 5875 (WBI 17/7)

SOUTH AFRICA A 50-kW SW xmtr is to test from Capital Radio, Umtata, Transkei, toward Cape Province later in August; no frequency given (Richard Ginbey, RSA, RN DXJB 14/8)

SURINAM R. Apintie on new 4950 in Hindi, ID 0830 31/7, ex-4794, fair to 0900 fade (Chris Lobbell, MA) R. Apintie audible nightly 0445-0500*, Germanic-sounding lang; good audio, bad carrier; tentative (Richard Dale, Springfield MO) Same fq? you omitted. In mid-August UPDATE. Klein, FL said the 4950 stn was SRS (gh) more, LN-15

SWITZERLAND Red Cross Broadcasting Service sked for next two months: 22/24 Sept & 27/29 Oct at 0600-0700 & 1130-1230 & 1700-1800 on non-directional 150 kW 7210. 23/9 at 0945-1015 on 150 kW (except 21520 250 kW) in various directions on 9560 15305 21520 21695; 25/9 0945-1015 150 (except 17830 250) in different directions on 15430 17830 21520 21630 (Swiss PTT)

THAILAND R. Thailand again active on 7116, +1030-, fair, // 6070 4830, first noted 24/6 (Hiroyuki Komatsubara, Akita, Japan, ICDCX)

TURKEY (Cf Jun LN-14) VOT Turkish for Turks Abroad the same after 1200, but before then read the sked thus: 0425-0600 15405 15220 15125 9515. 0600-0930 15405(Sat/Sun/Mon) 15220 9515. 0930-1200 17860 15220 11955 9515 (WBI 7/8)

U A E Dubai can be heard GMT Suns from about 0000 until s/off, one week at 0212, the next at 0145; weekly since 20/7 in EG; anc'd fq is 21700 but if that isn't on, try 17775 (Herbert Wolfson, Blauvelt NY) Dubai hrd testing on 21700 0130-0300 GMT 9/8 & 10/8; totally int'l rock/pop mx with DJ ancr, asking for reports and promising QSL (John Santoro, Jr., Oceanside NY) For about the last 10 days, 21700 has relayed DS in EG from Dubai stereo 92 MHz FM; span varies day to day, +0455-1043; mainly western pop mx, 10 min nx at 0530, 1030. 30 mins of ads at 1000-1030; local time checks; sometimes 21700 carried at 1000-1015 DS nx in AR; closing anmt says still testing to Eu; also on 17775 testing until apx 1015, usually AR DS (WBI 31/7) Cf Aug LN-7: 11700 was a typo for 21700, of course (gh) more, LN-15

U K O G B A N I BBC SSB feeder hrd on 6840a in SP 0238 5/8; Steve Mahlberg puts it on 6842 SSB at 0200 23/7 (Robert L. Hoffmann, II, New Hyde Park NY)

URUGUAY SODRE hrd 26/7 at 0026 on 11885, SIO 222; ID and sked sounding like she said 0500 for EG, but QRMed; into SP 0031 (Mike MacCollum, IN) I doubt it (gh) more, LN-15 more AFRTS LN-15

U S A AFRTS SSB roundup: 9241 LSB 0355 7/8; 8/8 0435 on that plus 10537 LSB; both times it seemed the xmsns were delayed a half second compared to AFRTS on 6030 (Mike MacCollum, IN) So likely fed to some base by satellite (gh) On 17673 LSB around 1800 (Jim Conrad, IA, 21/8) Also reported in WDXC Contact as an unID on 9240 at 1918 11/7, SINPO 45444 with Sheridan nx per Steve Calver, London (gh) Very strange--0225 on 21695, hrd AFRTS // 21570, but soon ran a VOA s/off; why? (David Crichton, TN) Same site, Delano sked there 0130-0230, in SAs langs, I think--maybe they got their inputs mixed up (gh) Tough luck, Switzerland--when Carter's press conference 5/8 ran past 0200, VOA jumped from 6130 to avoid QRming DW, up to 6135, head-on against Switzerland for 3 minutes; however, during Democrat Convention, VOA coverage switched to more sensible 6125 at that hour (gh) more, LN-15

I used 14325 (the ham Hurricane Watch Net, 24h), to keep up on Allen's progress and found I was 6-8 hours ahead of the wire services. Everyone interested in following such natural disasters should make a permanent note of this USB frequency (Max Greenwood, PA) Human drama, jammers, periodic CW stn with "We are sinking", USCG on fq, and so on; interesting. Mundane traffic ("Are my relatives OK?") is on 14313; other fqs 7200 and 3805, unhrd here (Stoller, NY)

U S S R ABC news reported 22/8 that BBC and VOA were complaining the Russians are jamming them again due to the situation in Poland (gh) Jamming seems heavier now in the 1800-2000 period on 13, 16 and 19m (Jim Conrad, IA, 21/8) 'Prime time' in the USSR (gh) For the first time since 1973, USSR is jamming Russian and other lang xmsns of BBC, VOA and DW, but not yet those from Canada, Sweden and Italy (NRC Handelsblad, via RN Espacio Diexista 23/8) more, LN-15

Cf Aug LN-8, Hobbs' reception of RMWS at 1500 on 4860. He may have witnessed a not-uncommon engineering error. Chita site is listed here for DS; at 1500, three 500 kW xmtrs are listed as broadcasting to SEAs, possibly with WS as part of the fare, on 11940, 15100 and 17890. With the WS feed in the control room, it is possible 4860 xmtr was switched into the wrong feed. Propagation from Chita to CA then may have been open since much of the path was dark. Mr Hobbs probably was enjoying a good opening into Chita, but I suspect it did not last much beyond 1500 (Douglas W. Johnson, Issaquah WA)

VANUATU Max Greenwood and Bob Hill monitored independence ceremonies 30/7 on 7260; so it's official; but see **CLANDESTINE CRANNY** for diehard R. Vemarana (gh)

VENEZUELA R. Sensación, Caracas, has reactivated 6000 (Santiago San Gil, Onda Tropical, via RN Espacio Dioxista 2/8)

VIETNAM Cao Bang B.S. still moving around 6600 kHz area. In July hrd on 6610, then 6650 in mid-July, 6630 late-July, now back to 6650!; Bac Thai is another drifter. In July, they moved from 6895 to 6885, 6899, 6868, 6858, then to 6896 late July. Or are we so bored of Cao Bang/Bac Thai's frequency changes? (Isao Ugusa, DX Front Line 25/7) Yes! (gh)

YUGOSLAVIA LN-15
ZIMBABWE ZBC R. 2, when conditions are good, this puts in a fine long-path signal around 1400 on 7121, equal to or better than Peking one kHz lower. Obs 9/8 1405 in vern discussion; 1428 into tedious disco (sorry, that's redundant) number, over which an EG ID and TC were given; 1434 back into vernacular (Bob Hill, Redwood City, CA) ZBC has undergone a facelift: Radio One is at 0325-2200 (Sun 0400-2100), relaying R. Jacaranda M-Th 2010-, on 3396 morn & eve, 7285 days. Radio Two: Shona/Ndebele/EG 0325-2010, Sun 0400-2010; Fri and Sun to 2200* with R. One relay on R. Three, all fqs including 3306 (Richard Ginbey, RNDXJB 14/8)

FUTURE PLANS **ANGUILLA** Quality Media Corp. has received a license from the govt to construct a radio-TV complex, 'The Caribbean Beacon'--2 AM stns, 1 FM, 1 TV, and 1 for ISWBC. Initially the stn will have 50 kW on 690 kHz. The West Indies application is the first to gain approval of 20 filed by QM with foreign governments for new radio & TV stns; the Anguilla stn is estimated to cost \$500,000 to build (Religious Broadcasting Magazine, 6/80, via Ken MacHarg, IN, via Sept REVIEW OF INTERNATIONAL BROADCASTING)

AUSTRALIA The latest episode in the continuing saga of Cox Peninsula. The decision reached in April by the Parliamentary Public Works Committee is to reconstruct the stn on existing site. The alternative, Humpty Doo, resiting proposal was rejected. The Australian govt gave its approval 16/5, for the full re-construction plan to proceed and hopefully be completed by 11/82. First is a \$700,000 job to repair a jetty for the daily transport of staff from Darwin to Cox Peninsula. New curtain ants, capable of being lowered similar to those at Carnarvon, will be erected under Telecom Au supervision, at a cost of about \$3 million, including xmsn lines and switching facilities. Another \$1.72 million will go for repairing submarine cable across Port Darwin and adding another for electricity supply. The Committee also recommended that the govt give early consideration to installing a third RA xmtr at Carnarvon and the Northern Territory domestic SW svc should proceed without delay, with xmtrs incorporated into the Cox Peninsula site (Robert Jones, Aug ADXN) /Eu service 1900 also to expand to hour.

CANADA The pendulum swings... In early Oct, RCI African service plans to expand EG broadcasts to one hour on Sats & Suns, 1800-1900, which will also entail some program changes such as the addition of a 'Canada week in review', per Ian McFarland on RCI 23/8 (gh) In Oct 1978, Family Radio applied for an FM license in Vancouver, BC. The CRTC has denied the application, citing a 'long-standing policy of denying such applications on the grounds that the public property comprised by the radio frequency spectrum should not be used for narrow or sectarian interests FR had already spent \$150,000 in renting and renovating the old CBC studios in the Hotel Vancouver. FR claims the station would be 'family-oriented' but the CRTC wasn't convinced (Denys Horgan, Toronto Globe & Mail, 9/7, via Syd Osterman) All they'd need to do is turn on WYFR's Canadian service for ten seconds to see how non-religious it is. Lucky Canadians... (gh)

CYPRUS The Greek-Cypriot newspaper 'I Dhimokratiki' reported 4/8 that the Libyans want to set up a radio stn here, to cover a wide area in AR and possibly other langs. No decision has so far been reached (SPLAJBC ceased broadcasting from Malta at Junend) (WBI 7/8) R. Bayrak (Turkish Cypriot) may add more langs and an international service in 1981 (BRT DX Corner 28/7/LN-14)

ECUADOR (Cf Mar LN-8) Latest QSL from Escuelas Radiofónicas Populares, signed by Padre Rubén Veloz, Director, still says 'soon you will be able to listen to us on 5015' (Gerry Bishop, PA) HCJB may use an interval signal in the near future (Clayton Howard, DX Party Line 7/8) GUAM
LN-14

GERMANY WEST DW will soon start broadcasts in Cantonese; stn has good contacts in China, and the new Sri Lanka relay stn will help reception there (a German source via Patrick Jeffers, WDXC MM)

INDIA AIR reported that the Minister for Info & BC, in a 28/7 parliamentary debate, said he regretted the radio net had been neglected in the past and that AIR needed 22 powerful SW xmtrs of 250 to 500 kW each to strengthen its external broadcasts (WBI 31/7)/more, LN-15

KENYA A radio xmtr site costing 25 million shillings was under construction in Kibirichia in Meru District and would be in full operation before yearend, per VOK 26/7 (WBI 31/7) SW?(gh)

LEBANON Dateline Radio Hill, Free Lebanon--When Radio WORD, the AM "Voice of Hope" celebrates its first anniversary as the first Christian radio stn in the Holy Land early this Sept, it will be joined by a new SW Gospel outlet, the 'King of Hope', per George Otis of High Adventure Ministries, Van Nuys, CA. Equipped with a brand new Singer solid state 20 kW xmtr, the

new SW stn will target the Middle East with 'heavy blocks of Arabic programming, Iran with broadcasts in Farsi, and East Africa with Swahili programs, and will devote particular attention to Russia and Eastern Europe' (Religious Broadcasting Magazine, 6/80, via Ken MacHarg, IN)

MOROCCO Moroccan radio reported that an agreement had been signed 12/7 for the French broadcasting company SOFIRAD to use the Nador stn. The Mediterranean Int'l Broadcasting Co. had been formed, with HQ in Nador, but studios in Casablanca, Rabat, Tangier, and would start broadcasting in the next few days from Tangier until Nador stn completed (WBI 17/7) 51% Moroccan, 49% French interests, MAP quoted the French publication 'La Correspondance de la Presse' 20/7, with SOFIRAD entrusted with building the Nador xmtr in NE Morocco at a cost of 111.6 million dirhams; to be completed by Sept 1980 (sic) with 2 LW xmtrs and one SW xmtr to cover the ME & Af. The foundation stone was laid 11/7 by the Moroccan Min. of Info, who will chair the operating body with a 12 million dirham capital and HQ in Tangier. A further MAP news agency report via Tunisian TAP agency 22/7 said the xmtrs for Nador would be delivered 'ready for use'. Their installation was forecast for Sept 1980 (WBI 24/7)

NAMIBIA Per SABC, which is helping set up the new Namibia Broadcasting Corp., the date for the first xmsns from two new 100 kW xmtrs near Windhoek has been postponed to Sept 1980. Pgmms to include several hours in German in addition to other langs of Namibia (QTH Africa 30/7) SWABC will not confirm the fqs previously reported (Richard Ginbey, RNDXJB 14/8) Seasonal (gh)

PHILIPPINES FEBC is doubling power of several 50 kW xmtrs to 100, and putting up new antennas for As (Alistair Perkins, interviewed by Arthur Cushman, RN DX Juke Box 7/8) **SRI LANKA**, LN-15

SEYCHELLES FEBA expects to have a new 100 kW Continental xmtr on the air by Sept 1981 (ibid.)

UNITED NATIONS UN Radio is considering expanding its SW (and FM) broadcasting, and has commissioned a consultant, Bert Cowlan, to study the options. Among his recommendations (see PUBLICATIONS): The UN should make its SWBC daily, begin a new service for WEu, seek to acquire its own fqs at WARC 83-84, establish itself as a credible SWBCer on its own with experimental 10 kW broadcasts (via William H. Schaap, DC, RIB Sept)

U S A House has approved amendment that would add \$2.1 million to ICA appropriations, targeted for increased VOA pgms to ME & FE. Amendment offered by Rep. Thomas Evans (R.-DE), to 'offer free flow of information to those citizens whose govts deny freedom of the press'. (Broadcasting magazine 4/8 via Bill Bergadano, Staten Island NY)

YUGOSLAVIA A report in the EG svc of the Yugoslav news agency Tanjug, 2/7 said the modernization of R. Yugoslavia would take place 'in the next two and a half years'. (WBI 31/7)

DX PROGRAMS

ANDORRA World Music Radio, 6219 already audible here for 2120 DX program 3/8; should improve as sun sets earlier (Ed Bromley, Nfld.)

ARGENTINA Marpla DX Club is to have a weekly DX pgm on 10-15-20 m via LU2DNR beginning next year, 500 W, half hour in Spanish, half hour in Portuguese; we're looking for someone who can do DX programs in English and French too (Néstor Rubio, RN Espacio Dioxista 15/8)

AUSTRALIA Cf Aug LN-10. GH's suggestion that ARDXC is hindering efforts to reform an English DX pgm on RA is without foundation. RA has stated to ARDXC, and to other Australian DX/SWL groups that it will not consider a pgm for a minority audience within the EG service. ARDXC has met with RA personnel several times, and at the last meeting we offered to provide whatever RA wanted to re-establish a 'DX' pgm in the EG service. This was unacceptable to RA. Efforts from other overseas DX clubs could usefully be employed in indicating to RA that the existing scripts, used for the Japanese DX pgm, can be successfully utilised for an English segment. Convince RA that a need exists, and you'll have the program back on the air (Bob Padula ARDXC) How can it be a 'minority' pgm? Everyone who listens to RA is doing so on SW; thus news of SW stations can be of use to them (gh) **AUSTRIA** Some gh productions on SW Panorama now.

CANADA Some RCI DX Digest topics for Sept: 7th, interview with Noel Green about SW hobby in Britain. 14th, Jeff White ANARC/HAP report. 21st, Harold Sellers' ANARC DX equipment report; interview with Manfred Beyen of AGDX about SW hobby in Germany. 28th, Jonathan Marks with EDXC-HAP Europe report (Ian McFarland) Until things can be reorganized, those who listen to the European service are likely to hear less than half of the total DX news (gh)

GERMANY WEST The DX Programm of DW in the German service, 2nd Sats of month had been bilingual with EG; but in July & Aug it was in German only (gh) Same noted in Aug by (Munster, GA and Barraclough, UK) The English translation is presumably still carried in the EG 0930-1030 broadcast to As, 3rd Suns, generally audible in Nam for those awake on 17780, 11850 etc (gh) LN-14

NETHERLANDS RN DXJB is now produced by Jonathan Marks, who is making it more timely, and into more of a 'communications magazine' with new contributors such as clandestine expert John Campbell (gh)

NEW ZEALAND LN-15

POLAND R. Polonia's DX pgm is given 5 minutes at the end of broadcasts every 2nd and 4th Sunday (Paul Watson, WDXC Contact) Except to Nam, where it's repeated weekly on GMT Mons (gh)

SOUTH AFRICA Starting with Aug, QTH Africa editor Miki Včelař is appearing on R. RSA DX Corner with DX tips the first Saturday of each month at apx 2135 on 15155 21535; GMT Suns 0235 on 15220 11900 9585; Tuesdays apx 1115 on 25790 21535 15220; Thurs apx 1305 on same (QTH-Africa, with 580 fqs from DX Corner 24/8) SABC's domestic EG service on the first Monday between 1500 and 1630 on SW & FM 'Audio Mix' pgm includes a DX program for hams, DXers and CBers (Richard Ginbey, RSA, RN DXJB 14/8)

SRI LANKA For its 30th anniversary, AWR-Asia is conducting 'The World's Biggest DX Contest', with lots of prizes, special QSLs, and if requested, a QSL certificate. Part I: Sun Oct 5 in RMI, ID 20 different stns in 20 different quiz questions. Part II: Sun Oct 5 0001 GMT until Sun Oct 12 2359--log as many different channels as possible of the following: AWR-Europe, AWR-Asia, AWR-Latin America; and Adventist Radio Net stns in USA, Canada, Italy, Philippines, Indonesia, Puerto Rico. Part III: Sun Oct 12 in RMI, ID 20 different stns by tuning signals, themes, interval signals, etc. Sufficient pgm detail, and listing of QRM must be given to qualify for QSL; in many lang pgms, an EG pgm number will be given; neatness and accuracy are important; all entries must be postmarked on or before Mon Oct 20, and can be addressed to either AWR-Asia or AWR-Europe. The Oct 5 & 12 broadcasts of Radio Monitors International will be carried at least thrice by SLBC, and also in full by AWR-Eu & AWR-LAM (A. Peterson)

U S A 'World of Radio', gh's weekly half-hour DX/SWL pgm, is carried within 'International Panoramas' on WXAC 91.3 FM, Reading PA, Weds at 5-7:30 pm ET. This may change during the fall back to 10 am-noon Sundays (Jim Weber, West Reading PA) WPTF-680 Raleigh NC is running World of Radio usually Suns 9:08 pm ET, of variable length sometimes accompanied by locally produced info on SWL, usually over by 9:30 (gh) **USSR** RM NAS DX Sun 14/8 0050 (Varron) new time; still?

PROGRAM NEWS

CANADA RCI 'Canada à la Carte' for Sept (1800 Sats on Af svc): A four-part series of readings by one of Canada's best-known authors, Farley Mowat, from his recently published WWII memoir, 'And No Bird Sang'. The book takes Mowat back to July 1942, when he was a 22-year-old lieutenant in the Canadian army, in the war against Hitler's forces in Sicily and Italy--a delirium of sustained violence, as Mowat described it (Ian McFarland) I've noted 'Summer Air Farce' at the unsked time of Sats 1430 GMT on CBCNQSW 9625 and 11720, repeat of previous Sunday pgm. Science pgm 'Quirks & Quarks' begins a new season Sept 13 (Sats 1605 on NS) with a pgm from the British Association for the Advancement of Science convention. The Sunday drama segment, at 2005 GMT on the NS, starts Sept 7 a 10-part dramatization of The Deptford Trilogy---Fifth Business, The Manticore and World of Wonders, by Robertson Davies. Nightfall, last half hour of As It Happens on Fridays, Sept 12: 'No Admittance, No Exit'--the Future Clinic, where computers decide patients' treatment options on the basis of their contribution to society; Sept 19, 'Wind Chill'--mysterious events in an isolated winter cabin (gh, info from CBC program guide)

UKOCBANI BBCWS makes another of its thirdly program shakeups as of September but there aren't too many time changes in regular pgms. 'Brain of Britain' at 1130 moves from Tue to Mon. A new news feature series is 'Assignment', Weds 2030, Thurs 0230, 1615, Fris 1130. 'Rock Profile', Tues 0030 & 2030, Weds 1330. 'Last Night of the Proms' is Sept 13 at 1830 (gh)

CLANDESTINE CRANNY

R. Vemarana On 1/7, R. Vanuatu denied a report attributed to Vema Rana Radio, apparently R. Tanafo renamed (Bill Whitacre at Bill Burrow's, Melbourne, Victoria) The breakaway group on Espiritu Santo have been operating for many years from Tanafo but have now come up with a new stn on 3522. Fades in around 0730 with FR to 0900, then EG with nx 0915, closedown around 1130, later on Fri & Sat. Sounds like R. Lemarana, announced as from Santo on 3522. M&W ancrs in EG pgm, and they generally play old recordings and have been heard dedicating mx to listeners in NZ and comrades on duty all night, as well as anti-Vila anmts. Reception down here fairly good and must be more than 60 W when I QSLed Tanafo in 1976; noted since 11/7; first reported by Owen Cullen of North Auckland (Arthur Cushen, Invercargill NZ, 23/7) R. Vemarana not hrd since 23/7 when British & French forces reoccupied the island (Cushen, 29/7) It returned to the air, hrd on 3522 up to 11/8 when 3576 used at 0900, also 12/8. At 0930 they read out a reception report from me; in early July I gambled and sent off a report realizing that there may be no mail service, so you can imagine my surprise. Still CW QRM like on 3522; as late as 1200 but no set pattern of closedown (Cushen, 13/8) British Royal Marines are jamming R. Vemarana, so it QSYes from 3522v; but the marines are soon scheduled to pull out (Jonathan Marks, RNDXJB 14/8) R. Australia reported 22/8 that the rebellion was almost over, after the invasion of troops from PNG (gh) Vemarana returned to 3522 (Arthur Cushen, RNZ 25/8)

V. of Malayan Revolution sked 0530-0600 & 1450-1520 on 15790 & 11960, in EG (D. Faccioli, Uruguay, Aug SPEEDX) Don't recall that 11960 before; it's been on 11830 (gh)

V. of the People of Burma Since 24/7 this stn in BH and vernaculars supporting the pro-Peking Burma Communist Party, obs on 5110 //7570, daily 0030-0230 & 1130-1330; no more references to 5110, which had been used from 1971 when first hrd until 27/3/80 (WBJ 31/7)

V. of Free Afghanistan A visiting Afghan rebel delegation in London has asked for money to set up this stn to broadcast in Russian and presumably native langs. It is not clear if their demands were met (Russell Shapiro, July WDXC Contact)

R. Mujahidin is still using 15305 and 9710 (1600-1655) (Jean-Jacques Bloch, Paris, 22/8) more

R. Vatan discovered on new 15555 20/7 1710-1800; 5 kHz above R. Moscow Persian service 1630-1730! (Richard Varron, NJ) Found on 28/7, 29/7, ID 1741 on 15555; no jamming (John C.F. Kegel, Baltimore MD) Also hrd here tho difficult to catch ID (gh) Still on 15555 and no jamming; determined announced //w/help of Persian dictionary, and it's 9027 (Jean-Jacques Bloch, Paris, 22/8) Just up from Teheran, hardly coincidental (gh) Most shadowy of all the anti-Khomeini clandestines is R. Homeland /Vatan/. Monitoring has disclosed little more than that it is vehemently anti-Khomeini and realises how much popular interest it can generate by broadcasting old-style Persian songs and poems to a people depressed for over a year by an austere diet of

LN-11

Islamic themes from what is now known as the 'Voice and Vision of the Islamic Republic'. Sufficient evidence is building up to point the finger at Cairo--where the exiled Shah is living--as the place from which R. Homeland broadcasts. How deeply the CIA is involved is unclear. Help could vary from financing the stn to organising and running its nightly broadcasts, tuning its output to suit what the US judges to be the extent to which the Khomeini regime is disintegrating. What is thought to be the same stn also broadcasts as the 'Radio of the Mujaheddin (Islamic guerrillas) of Afghanistan', giving heart to Afghan rebels of the same ideological persuasion as the Iranians whom their radio stn-mate is trying hard to oust (Andrew Whitely, recently in Tehran, Financial Times, 28/6 via Doug Irwin, NH)

Free Voice of Iran anc'd 21/7 that it now broadcasts twice daily in 31m. This Persian-lang stn supports Ali Oveysi (9590v) 0300-0400, and 1500-1600 (WBI 24/7) Obs 4/8 1500-1600 & 0300-0400 on 9570 instead of 9590; 5/8 1500 on 9539; like R. Iran, seems to be trying to avoid deliberate interference (WBI 7/8) The Free Voice of Iran acts for Gen. Gholam Ali Oveissi, the 'butcher of Tehran' as he was known in pre-revolution days, who heads the so-called Liberation Army of Iran. Almost certainly these rivals of Bakhtiar's R. Iran transmit coded messages to friends in the regular Iranian armed forces and give instructions to local cells to 'watch your district's clergyman' in preparatin for an uprising, and transmit from Baghdad using the facilities of the Iraqi govt radio (Whitley, ibid.)

Radio Iran Obs over past two weeks show R. Iran is subject to deliberate QRM consisting of repeated playing of a few notes of mx. 13/7, this stn supporting Shahpur Bakhtiar asked its listeners to disregard any jamming and retune rx slightly. Stn also alleged 16/7 that a xmtx on Kurosh Kabir Ave /in Tehran/ was being used to jam it. R. Iran was not hrd on 17/7 and 18/7. However, since 19/7, the stn, normally on the air 1330-1430 apx, has been obs making five or six fq changes during its xmsns to avoid QRM. Fqs range from 9535 to 9590, nominal 9580 (WBI 24/7) Anc'd 27/7 it would repeat 1330 cast on same 31m wavelength daily 1930-2030 from 27/7 (WBI 31/7) Confirmed the repeat; continues to QSY many times per broadcast (WBI 7/8) The Ayatollah's opponents are turning to the airwaves to mount a frontal psychological attack aimed at undermining morale and paving the way for a military coup. Within the past six weeks three clandestine stns have been set up assisted by neighbouring states. Money is thought to be coming from further afield, including the U.S. and Israel. So great has been the interest generated by the new arrivals, with their fiery condemnations of the clerical regime and predictions of its imminent demise, that many discontented Iranians switch from one stn to another, then record the 'messages of hope' to replay to their friends. In the bazaars and small shops in southern Tehran, as well as in provincial towns, transistor radios are tuned in every evening to The Free Voice of Iran, Radio Iran and Radio Homeland. R. Iran broadcasts on behalf of Dr. Shahpour Bakhtiar, the Shah's last Prime Minister, who now runs his campaign against the mullahs from a Paris headquarters. The Bakhtiar camp claims their xmtx is sited on the border with Iran, just inside Iraqi territory, tho technical evidence suggests that a 100 kW xmtx, as they claim to possess, is more likely to be in Basra (Whitley, ibid.)

V. of Palestine, V. of the Palestine Revolution, believed to operate in Lebanon, now announces 3 MW fqs for its two daily xmsns, 0500-0700 & 1800-1900: 1270, 1138 (actually 1143), 1160(WBI)

V. of the Oman Revolution The R. of the PDR of Yemen anc'd that during Ramadan, VOTOR pgm'd be broadcast 1600-1700 on 11770 only--other fqs 7190 5970 5060 +MW would carry DS in AR (During the rest of the year, VOTOR pgm is on all Aden radio fqs at 1545-1630 (WBI 17/7)

R. Freedom From South Yemen in AR hostile to PDR Yemen now hrd in eves on 9960 1700-2100; amnt indicates 56m (possibly 5345) also used; also at 1130-1430 on 9960 (WBI 24/7) Hrd *1630 on 5345 (G. Victor A. Goonetilleke, Sri Lanka, R. Nederland DX Juke Box 24/7)

Democratic National Front Radio obs 17/7 in AR on 6005 1630-1830 instead of 1400-1600, hostile to Saudi Arabia & North Yemen (WBI 24/7) 1400-1600 resumed at end of Ramadan (WBI 14/8)

V. of the Arab Revolution AR-lang anc'd its summer sked, effective from 14/7: 0500-1100 would include nx 0530 in review, full nx bulletin and local press review 0630, news summaries 0830 & 1000. 2nd xmsn 1300-2000: nx 1300, repeated 1400; fresh nx 1730; last nx review 2000. VOAR announces xmsns on 1200 kHz but is hrd only on 1175; signs off with the old Egyptian national anthem (WBI 17/7)

V. of the Eritrean Revolution, in AR & verns from Eritrea Liberation Front: 0445-0545 M/W/F on 6170; 1430-1530 Su/T/T on 7245, both via Hurriyah, Iraq. Also 1730-1800 on 9585 via Mogadishu (QTH Africa 7/80)

R. Freedom EG & verns, anti-S. African govt, by ANC, communist. 1725-1800v on 5010 & 6135 via Tananarive; various times 1700/2000 on 9578 via Lusaka; 15435 Dar Es Salaam (QTH Africa 7/80)

V. of Namibia EG & vernaculars, by SWAPO, communist. 1830-1900 on 9578 via Lusaka and at various GMT eve times on 7245, 9535 via Luanda; 15435 Dar Es Salaam (QTH Africa 7/80)

V. of Truth PT & verns, hostile to Angolan govt, 2000-2050 on 4950; believed in southern Angola or northern Namibia (QTH Africa 7/80)

V. of Free Africa, LN-15

V. of Free Sahara via Algiers depends on their fq changes, 2200-2300, so now obs on 9491 15194 21725 (Jean-Jacques Bloch, Paris, France, 22/8)

La Voz de la España Nacional Yesterday in Barcelona, officials from police and Ministry of Culture closed this radio stn, the property of the Alliance of Nationalist-Syndicalist Labor, as it was broadcasting without permits. When the officials arrived, the ancr described this on the air; his last words were 'Long Live Spain'. This was the last of the free radio stations

in Barcelona area (Madrid DS in SP, 1800 6/5 via Allen Lesser, Washington DC, SDXA)

R. Libertad Cubana 'Comandante David', who predicted the downfall of the Castro regime in radio broadcasts to the island four times a week, has been silenced. José González of Hialeah was indicted in U.S. District Court Thursday on charges he violated FCC rules by operating an illicit radio xmt. "That's him," assured Kenneth Lipman, the asst. U.S. attorney who presented the case to a grand jury on behalf of the FCC. Refugees arriving this summer in the Cuban sealfit said David's broadcasts would accurately predict acts of sabotage in Cuba (St. Petersburg Times, 2/8, via Rusty Serenberg, FL, via Sept R.I.B.) RLC not hrd since 10/7 (Steven Reinstein, Miramar, FL, Sept. REVIEW OF INTERNATIONAL BROADCASTING) more, LN-15

La Voz de Alpha 66 has taken up the slack, hrd 11/7, 18/7, 31/7, 1/8 *0100 on 7048v, several times with Comandante David tapes, not always at the correct speed! (Reinstein, ibid.) LN-15

La Voz de la Junta Patriótica Cubana Hrd 14/7 0215 on 7400, SIO 444, long march, 0227*; another very weak stn s/off about half a minute later; 28/7 0019 on 7401, stronger by 0217, gone at 0307 re-check (Mike W. MacCollum, IN) Missing since late July; something to do with David indictment? (Mike Tripka, OH, 11/8) On 7390a 1/8 0315 with off-air relay of statement by Costa Rican pres. Carazo (SWNS) 1/8 on 7400 0200-0229*, s/off with 'Hasta mañana' and national anthem (Kirk Baxter, Mission KS) LVJPC seems to be the most active of the Cuban clands; 31/7 *0131-0301* on 7400, excellent sig, 1/8 *0200-0229* and 2/8 *0157-0256* (Steven Reinstein, FL) 5/8 t/in 0205-0232* on 7411, spurts of ure QRM; 6/8 back to 7400 0207-0258* during both evenings they used alternate ID 'R. Mandí' with address, at least a dozen times, of Apt. 6805, Caracas, Venezuela. This 'stn' plays all that MOR mx, while LVJPC handles the anti-castro tirades. I can confirm MacCollum's obs, Aug LN-12, that there are at least two different xmtrs. 6/8 I counted four distinct breaks where the signal strength and audio quality were noticeably altered. These breaks lasted just a few seconds and on three of them were preceded by the Cuban NA (Steven H. Reinstein, Miramar FL) I'll bet it's R. Mambí, which was the name of a pre-revolutionary stn in Habana, CMCA-730 (gh) more, LN-15

R. Franqua The Guatemalan newspaper Prensa Libre quoted R. Fabulosa 16/7 that a clandestine stn ID-ing with this acronym (for Fuerzas Revolucionarias Anti-comunistas de Nicaragua) had been hrd in April on a MW fq close to that of R. Reloj in Costa Rica (700 kHz) (WBI 31/7)

Volveré In a report on alleged clashes between govt and anti-govt forces in Nicaragua, Radio América in Tegucigalpa stated 17/7 that the Somozist forces had a clandestine stn calling itself "Volveré" (English: I shall return). It operated in the border area between 0200 and 0400 (no fq details, and no trace of this stn yet) (WBI 24/7)

Democratic Solidarity Radio Network, an anti-junta Bolivian network was formed by five union-controlled radio stns after the military seized control Thursday. All radio stns, except for a few in remote tin-mining areas, are controlled by the military (AP & Ray Banner, Washington Post 21/7 & 20/7, via Bob Foxworth) see also LN-3/4

Radio Liberación de Chile operated 28/4 on 93.0 and 102.0 FM with 10-watt Italian-made xmtrs fed by a cassette recorder until busted by authorities (Ercilla, 20/5 via Tracy K. Wood, RIB)

Spy Numbers 11/8 1735-1750* 17650.0 USB (SIO 232) hrd the YL with the GM double 5-digit group sets. Same one that for weeks on end was active on 7404a 11/79 thru 1/80 at 0600 with a repeat at 0620, xmsn always beginning with 'India November' for five mins before YL would present five to seven sets, including pronunciation of 'zwo, ffnef, neuyen' (Ralf Munster, GA) A spy on 7322a, 9/8 at 0639, very strong, tape mess-up so I tuned out, still there 0640, 0646, 0654; at 0704 re-check, hrd a YL on AM with 5-digit groups, not repeated, gone at 0722 re-check (Mike MacCollum, Indianapolis IN) 12/8 at 1205, unusual time, 5-digit mechanical woman Spanish numbers on 9343 RCSSB; big hum on carrier (gh) Every evening at 0200 on 3060, repeated 15 past on 3090, tape of alpha characters in CW groups of 5. A letter/number substitution (not transposition) system. Groups always made up of: ADGIMNRTUW. By taking group count digraph or trigraph and comparing with manual count of groups, numerical value of letters is obtained: A1, N2, D3, U4, W5, R6, I7, G8, M9, T0 (Havana Moon, Aug NNRC) more, LN-15

V. of Peace Two members of Benelux DX Club have heard this Able Nathan international waters stn in Arabic, Yiddish, English, one day on 6225, another on 6260 /no time/ (RN Espacio Diexista 2/8) Regarding this report, in late June several 'VOP' xmsns were hrd including 6260, but they were made by ex-stn employee Nigel Roberts; he operated two 48mb pirates before leaving for Israel. R. Utopia and Psychedelic Radio, the latter with an address in Australia; several people were rather surprised at his taking a job at VOP as an engineer considering his level of technical knowledge. He returned from VOP and began badmouthing Able Nathan on the air as well as playing lengthy VOP tapes and offering them for sale. So this could be the VOP broadcasts mentioned by the BDXC (Mike Barraclough, UK, 13/8) Blue Music Radio; R. Condor, LN-15

R. Impact Cf Aug LN-12. I apologize for getting the 11 mb channel wrong; it is 25625, not 25-650; 15050 is correct. R. Impact has already made a few tests on both (Mike Burden, UK, 20/7)

R. Verus Cf Aug LN-12. Noted on 6235 29/6 at 1500 with IDs and requests for reports; unusually clean modulation for a Dutch stn; may have been a relay (Mike Barraclough, UK, WDXC Contact)

(A European Pirate Network) on 7340 Sun mornings--first Sun, R. Impact; 2nd Sun, Weekend Music Radio; fourth Sunday Radio Free City; on months with five Suns all stns broadcast in rotation. Free City thus moved from 7315 (Bill Meatyard & Mark Warner, WDXC Contact July) 3rd Sun? (gh)

R. Confusion did not show here 28/7 at 0100, 0132, 0159, 0229 on 14550 ± 10. Did they finally

lock up Crazy Roger? (Robert L. Hoffmann II, NY) If R. Confusion kept its appointment 28/7 at 0100-0125, I couldn't hear them (Doug Jaffe, Montpelier VT) Failed to show for 28/7 broadcast; I monitored the fq for over an hour and thereafter from time to time, but no dice (Thomas Semesky, Gary IN) Per your tip on DX Digest, hrd R. Confusion at 0102; all they did was ID, then switch to SSB. Then nothing. Disappointing. Also very weak (Ed Stone, NY NY) 28/7 at 0055 I heard a few 'hello's on 14550, then off, back on w/ R. Confusion International ID and off again; 14546, down to 14544 at 0117; 0129 best on 14547, 0133 contest, 0140 Wavelength and off; by 0143 actually coming in quite nicely, much improved audio quality; off around 0211 (Mike MacCollum, Indy IN) 28/7 0100 on 14545, 'Crazy World Radio Network', deep fades and RTTY QRM. Lost him until 0120, found on 14550 at 0130; said would QSL via FRC, said he had a bumper sticker, 'Radio Men Do It With Frequency'; contest; fair audio but bad fades--would disappear for couple mins at a time--changing power to elude DFers? (Rowland F. Archer Jr, Hillsborough NC) Hrd as sked 28/7 0100 on 14550, weak to inaudible; included Rolling Stones' stinking song 'Emotional Rescue', on past 0200 (Dave Mosier, San José CA) Me too, 14550 *0130 apx 28/7, very strong but overmodulated; I've entered contest for the \$19.81! (Derek Lowe, Jackson TN) 28/7 0140-0211*, also 0115, but MARS 14545 QRM. 14550, SIO 333, deep fades; should have been further from MARS fq; had a 'pro' sound, little dead air; bad hum; correct time (Kirk Baxter, Mission KS) Hrd 28/7 0120-0210 on 14555 by John Campbell & Gordon Darling, UK (WDXC Contact) Pirate Radio New England, hrd 17/8 0245 on 1620, fairly good sig; phone calls and mx seemed to be a tape of a PRN xmsn made in DC with incorrect time, and refs to Xmas coming up; audio cut suddenly at 0323; also poor on 2nd harmonic 3240 (Doug Jaffe, Montpelier VT)

BBK Radio, Manhattan Pirate Radio returns! Sat & Sun GMT after 0300 on about 6245 (High Brower NY via Bob Hoffmann, ASDA)

R. DX International LN-15

V. of the Pyramids 17/8 tuned to 6241 at 0402, hrd VOP announcing that 0500 on 11650 they'd relay a special BC of the Voice of the Voyageur; ID as member of BBI net, 100 W, rock songs, advisory repeated 0417*. Strong, groundwave signal, nothing on 11650 0445-0530; but hrd open carrier on and off 9330 around 0500 (Jay Novello, Endwell NY) 19/7 on 6240 from 0500 to 0508 I hrd a stn without ID, but said they'd be back 20/7 on 5850 at 0400 and signed off with 'Champions'; anc'd fq was 6250. 20/7 0405- was stn on 5850, but no ID hrd, SIO 222 (Mike MacCollum, CA) VOP presumed, 11650 20/7 0318 tune in, mentioning spl xmsn of VOV on 5850 at 0400 that evening. At 0400 20/7 on 5850, VOV s/on with 'Rock You', 'We Are the Champions', then further adventures of Bobby Bootlegger and R.F. Wavelength, form of radio drama, to 0500* apx (Wm. J. Martin, Wilmington DE) VOP on 9334 19/7 *0300, anc'd 9330, then introduced R. Quadro from W. Germany, played a nice tape of R. Caroline, 0330 fadeout. VOP on 6241 19/7 0505 said he would be on tomorrow at 0400 on 5850; 20/7 0400 on 5850, a new VOV tape, same old program, poor sig (T.D. Anderson, Jr., Minneapolis MN) Here is our modified sked for Sat & Sun GMT. All BCs begin on the hour preceded by 5 min IS. 0200-0600 on 11650, 9330, maybe 6240; 1800-2200 on 11650, 15020, maybe 17550. Altho the BBI RN led stn, the VOV is permanently inactive, other BBI stns will be relaying new VOV pgms. The first of these was aired 20/7 at 0400 on 5850 by the VOP. Future xmsns likely on 11 MHz which offers excellent reception across the country at nite. Regular weekend BCs will end in Sept and resume in May. Special BCs will occur during the holidays however (Voice of the Pyramids)

R. Syncom International hrd 10/8 on 7375, best reception ever here (still not very good--232). Many recorded IDs, FRC addr; 0625, 0658-0703, gone at 0721 recheck (Mike MacCollum, IN)

V-Wave Enviamo (?) not at all sure of ID; hrd 0550 18/8 on 3847a, alien YL interviewing rock star Von Lmo, off at 0621; slightly unconventional. SIO 333 (Mike MacCollum, Hilton Head SC)

'WDBA' is off SW for good; have gone legal with a cable-FM stn in Florida, Al Muick told me several months ago (Mike MacCollum, SC)

'KIVA' or 'KIBA', not sure which, if either 15/8 0325 on 7310a; very pro-sounding DJ and show; wretched Billy Carter imitation, plug pulled mid-song 0355; sounds like WBLO (MacCollum, SC)

'PIBA', Purple Pumpkin Network, Springfield, 16/8 0335 on 7310, mostly old rock, 'Billy Carter' imitations; 20 over 9; very good clear audio; 0355* (David Woodward, Washington DC)

Radio VCR, 7355 12/7 0702 ID w/25 watts 0707*, back on briefly 0714 ('T.D. Anderson, Minneapolis MN') VPR, first hrd 13/7 0334 on 7355; 5 songs in a row, long pauses between; said 45 watt power, off 0359; 14/7 tent 0240-0359; 7355 15/7 0356-0441 t/out; 16/7 7355 0446-0457*, Blues Bros.; 25/7 7355 0452-0457* 'from Middle America'; 26/7 7355 0450-0459* national anthem at s/ off; 28/7 0307-0320 t/out, IDing between songs for first time, gone by 0333 check. Tent 2/8 0415 rock, 0416 religious show, 0445 anmt that it was Garner Ted Armstrong on WOAI; still on at 0455 tune-out, 0510 phone-in show; 0600 nx from a legal stn, 0606 Larry King from WOAI; 3/8 0250 0250, 0328* anthem; 7/8 0314-0317 tune-out; 10/8 0415-0459* (Mike MacCollum, IN) VCR 21/7 0435 on 7355, several IDs, 0556*; getting braver (stupider?) with 90-min BCs the FCC can certainly track down. 25/7 0409-0429; 26/7 0443; 30/7 0403-0420, abruptly off; 1/8 *0335, lots of co-channel ute QRM; 5/8 0249-0328 very clear audio, strong sig; 7/8 0236-0330* spl anmt abt new fq of 21450, couldn't catch times--1800 Sat? (Kirkman G. Baxter, Mission KS) 26/7 7355a, 0436-0500*, closing with Star Spangled Banner (Thomas Semesky, Gary IN) 26/7 0435 on 7355, usual rock, DJ with yank accent; much stronger than on 12/7 (Steve Shaffer, Whiting IN) 28/7 at 0543 past 0606 on 7355, good with fading (Derek Lowe, Jackson TN)

'KSWL' LN-15

Green River Radio Effective 1/8, G.R.R. no longer QSLs reception reports appearing in DX publications; so as not to cause editors any trouble. GRR will only verify reports to us thru FRC -USA. We have also begun using 6990 and 6995, days at random between 0430 and 0730; and we're considering BCs in the 1100-1300 GMT period on 7385 or 7400, 30-60 mins, maybe to 1400 from

Sept. We may expand into 20 and 13m bands too. G.R.R. plans on making at least two appearances in the following time slots, dates and times in GMT: Sept 3 at 1100, Sept 6 at 0530, Sept 11 at 0430, Sept 12 at 1245, Sept 15 at 0500, Sept 25 at 0445, Sept 30 at 0415. Fqs to check are 6990, 6995, 7350, 7385, 7400; broadcasts in these time slots will last apx 10 mins. Our regular broadcasts take place 0400-0800, 30-90 mins, day and time chosen at random (GRR)

"KVHF" presumed, on 6420 0550 disco mx (Derek Lowe, Jackson TN, 28/7) Still in commission, hrd on 28/7 0450 usual old songs, 6420 (Dave Mosier, San José CA) New pirate for me, 10/8 0530-0715 on 6420; SINPO 32232; golden oldies, generally weak, very pro sound; I quit listening at 0715; that's too late for me. Must be on west coast, or on No-Doz (Kirk Baxter, Mission KS) 16/8 0749 on 6420, less QRM and stronger signal than usual, all mx seems (Mike MacCollum, SC)

'RX4M', The Voice of Clipperton is privately-owned, managed by group of young men interested in SWL and who are avid promoters of free broadcasting without govt supervision. Our three fqs: 4810 and 7390 (both 100 watts) and 9620 (20 watts); 7390 is the best fq to hear us. Times are 0550-0630 GMT, Mon-Sat (no xmsn on Sun). 10 mins of nx, then selection from old US radio pgm from the 20s, 30s, 40s, 50s. Mon: Amos & Andy; Tue: DX Forum/Burns & Allen (alternating each week); DX Forum with Mickey Anderson; Wed: Jack Benny; Thu: Fibber McGee & Molly; Fri: Sherlock Holmes; Sat: Fred Harris & Alice Faye; the first five mins consists of an IS using organ tones. The depts of the stn also include: Post office Box 80, mailbag pgm with Aaron Richardson; News, with Tony Giles; Let's Talk Technical, with Larry Adams on electronic theory & SW propagation; The Good Morning Show, Jerry Nelson talk show; these periodically replace the old-time radio pgms, announced one week in advance. We will soon be getting a loop number. To receive a QSL, listeners should place in selected publications (classified section of Popular Electronics, Radio Electronics, QST, CQ, R. Sweden DX bulletin, or elsewhere in those magazines; you might also try other SW publications in the US or int'l club bulletins) the following info: Name, address, SINPO, three identifying characteristics of our program. Do not forget to title your request 'RX4M, The Voice of Clipperton' (Arthur Johnstone, Vice-President, RX4M, '5000 Wellington St, Alameda CA 94501', postmarked Yakima & Ellensburg WA)

PUBLICATIONS

Adventures Along the Spectrum, very interesting 'Options' pgm aired in early Aug is available on cassette for \$6 from National Public Radio, 2025 M St NW, Washington DC 20036 (gh) It's a 59-minute program

The Skywave Bulletin, weekly on MW pgm info, has suspended publication, hope temporary (Byrd)

Alternate Programming, Kim Andrew Elliott's dissertation may be ordered as follows from University Microfilms, Dissertation Copies, P.O. Box 1764, Ann Arbor MI 48106: include your name and address, indicate 'student' with ID number or SSN; Publication #80-11801; author's name: K.A. Elliott; Title as above; 'soft cover xerographic', 'price 18.00'. Add in your own state sales tax, indicate 'priority mail' and include additional \$3 for shipping/handling (in my case with 4% tax it came to \$21.72 (David L. Walcutt, Houston TX))

NBS Time & Frequency Dissemination Services, NBS Special Publication 432 is now being sent out by WWVH--covers history, satellites, etc (Tom Mooningham, Camp Lejeune NC)

Intensification & Expansion of UN Shortwave Broadcasts is a General Assembly Committee on Information 27-page document studying feasibility by consultant Bert Cowlan, dated 7 July, No. A/AC.198/20. A companion 25-page document, A/AC.198/21 is UN FM Broadcasts in the HQ Area. These were picked up by William Schaap on a visit to the UN, but might be sent by mail (gh)

LAST MINUTE ITEMS

AFGHANISTAN R. Afgh ES in RS 1630-1700, AR 1700-1730 now traced on apx 11802 (WBI 14/8)

ALBANIA Cf LN-3, new Swedish replaces some Polish; 0430-0500 7290 5960, 1830-1900 7300 5960; 2230-2300 9487/9480 (WBI 14/8)

ALGERIA EG at 2000-2030 also hrd on 17773 (Japanese reporter to SCDX 26/8) Cf LN-1

AUSTRALIA RA 15115 ex-15145 is for entire xmsn (Dale Park, HI) 0630-1030 (gh) Cf LN-1

ANDORRA R Skandinavia pgm will be back on SW early Sept, 15030, apx 0700 & 1000 (Foged, DSWCI)

BELGIUM Cf June LN-1. BRT EG 1330-1345 now 5/8 on 21465 //17735 (Bob Zilmer, NM, SPEEDXGRAM)

BOLIVIA Cf LN-3/4. Recent obs of stns show whenever govt-controlled National Radio Net has had any info (decrees, communiqués, etc) to broadcast, it has cut directly into all stns without prior notification and with no discernable broadcasting pattern (WBI 14/8) Sophisticated

BRAZIL Stn on 9597.0 is R. Cultura da Bahia, 25/7 0020 (Kornek, GFR, Aug SPEEDX-GRAM)

COLOMBIA Cadena Radio Súper reported 6/8 from Bogotá that govt had unexpectedly annulled decree prohibiting private individuals from transferring radiostn operating licenses to one another. Decree prohibiting inheriting of licences also withdrawn. MinCom said that transfers, all requiring ministerial permission, could take place only if 10 years had passed since granting of a licence. Ministerial authorization also needed for any changes in administrative control of the concession of radio fqs (WBI 14/8)

CYPRUS Cf LN-8. Turkish-Cypriot stn R. Bayrak reported 6/8 that SPLAJ'd been making contacts with a view to establishing two radio stns in N & S Cyprus. T-C offls said proposal accepted in principle. The stns would broadcast religious and cultural pgms (WBI 14/8)

GERMANY WEST Cf LN-9. DW EG DX pgm hrd 16/8 0930 on 21540; ham report followed (Dale Park, HI)

GUAM K1WR to add 2 more 100 kW xmtrs by Jan 1981 for total of 4 (Arthur Cushen, RNZ DX 25/8)

GUATEMALA AWR is on 5985 ex-5980, but due to antenna coupling problems only radiates 2½ kW; this will increase to 10 when problem resolved (Finn Krone, Aug DSWCI SWN) Hello, WYFR... (gh.)

ICELAND For the Gufunes HS relay 1830-2000 both 11855 and 15420 proved disappointing so they now use the old fq of 12175 for a while (Sverrir Karlsson, Iceland, Aug DSWCI SWN) Iceland R hrd on 9654 1026 16/6, SINPO 44444, IS & Ice pgm (Joachim Nortmann, GFR, WDXC) Maybe

INDIA AIR EG: 1000-1100 NEAs 15350 17387 21695. 1000-1100 Au 1935 15205. 1330-1500 SEAs 11810 15335. 1745-2230 Eu 11620 15165. 1800-2000 Eaf 9715 15190. 1945-2045 N/E/Waf 9755 11865. 2000-2230 Eu 9912. 2045-2230 Au 11755 15110. 2245-0115 NEAs 9912 11810 15375. 2245-0115 SEAs 7215 9605 11765 15110 (JADX via Aug WDXC) AIR has Persian 0345-0415 17785, not listed in WRTH (this might be confused with a clandestine) (Richard Varron, Wayne, NJ)

INDONESIA RRI Biak now has 2 pgms: 6207, not relaying Jakarta 1130; new 3382 relays Jakarta and has local nc 1030, 1330 (Atsunori Ishida, DX Special, via Aug SPEEDXGRAM)

IRAN VOIRI anc'd 9/8 that after Ramadan ended (12/8) AR ES would be at 0330-0630 & 1430-2030 --no fqs. Apparently reduction since before it was 0430-0930, 1330-1630, 1730-2030 (WBI 14/8)

IRELAND R. Condor will test again for NAM from Oct: 6243 0600-0800; and from 21/10 0700-0900. 11463 also used from first week in Nov, 0700-0900, for one month. Power 150 W ea. Reports wanted and will QSL (R. Condor Intl, 53 Charleston Rd, Ranelagh, Dublin 6; via Bob Foxworth)

KENYA VOK reported 12/8 that France would soon supply xmsn eqp to improve reception (WBI 14/8)

LESOTHO Cf Aug LN-5/6. No trace of 4800 (Rikard Johansson, m/m, June, DSWCI) But I did have a positive logging as on BBCWRC and so did Barry Davies (Noel Green, DSWCI Aug)

MALAWI MBC DS in EG & Chicewa 0257-2210 SW sked: Sept-May: 0257-0400 3380. 0400-0520 599: 3380. 0520-0600 5995. 0600-1600 7130 5995. 1600-1713 7130 5995 3380 /sic/. 1713-2210 5995 3380. May-Sept: 0257-0400 3380. 0400-1100 5995 3380. 1100-1300 5995. 1300-1613 5995 3380. 1613-2210 3380. 100 kW on 3380 and 7130; 20 kW on 5995 (WBI 14/8)

NEW ZEALAND R. Pacific, 1593 kHz, '2-Way Radio' pgm Fri 1000-1300/?/ ham, CB, DX (Cushen RNZ)

PAKISTAN PBC sites are sometimes mis-reported. Islamabad has 2 x 250 kW and 5 x 100 kW and 1 x 10 kW. The two 250s exclusively for ES; 100s carry DS and ES and the 10, DS only. Karachi has 2 x 50 kW for ES and link services; 2 x 10 kW link only. Karachi sked: Irani 0330-0430, Arabic 0515-0615, Turki 0700-0745, Hindi 0800-0800 /sic/, Tamil 0915-0945, Indo 1000-1045, Burmese 1100-1200, Arabic /sic/ on 21755 11672 only; ES 1330-1600 on 21755 11640, slow news 1600 on 21755, Turkish 1630-1730, French 1915-2015 (Noel Green, UK, Aug DSWCI)

SAUDI ARABIA it sounded like 9/8 1910 on 15005 when 15060 not hrd; not since (Varron, NJ)

SRI LANKA DW concluded a 20-year agreement 12/8 to complete its net of relay stns. First, a 600 kW MW xmtr, and 3 x 250 kW SW, with option for 3 more SW xmtrs (WBI 14/8)

SURINAM R. Apintie was to test toward Holland 2nd week of Aug 0330-0630 with 50 watts, ERP 500, on 4795, the small chance it would move to 5005; if successful, another series of tests would be conducted with 8000 W ERP, ultimately 40 kW ERP. SRS 4850 now *2130 to save energy, seems unlikely SRS will carry thru with its Eu test plans too; still 0430* (0530* Sun morns) (Wouter P. Martijn, Holland, Aug DSWCI SW News) Cf LN-7

U A E Cf LN-7, Dubai also testing 21700 17775 0200-0312 apx (WBI 14/8)

URUGUAY CW56 Dif. Soriano 10/7 2100 on 4910 & LV de Artigas CW142, 9/7 2015 on 4945 both w/ soccer games, radio links from studio to field, like many other Urug stns, esp Sat-Sun 2000 or 60m. CX42 Em. Ciudad de Montevideo uses 3995 24h for studio to MW xmtr link (Faccioli SPEEDX)

UKOGBANI Cf LN-7, AFRTS relays on LSB 7572 9242 9929 10538 13651 16454 are via AJE, USAF stn in Barford (Ralf-Dieter Kloth, GFR, Aug WDXC DX Magazine) & 5230 LSB unknown Eu site (ibid.)

U S A VOA 'Persian' 0230 15410 7655 changes at 0300 to another lang, Hazari or Dari?(Varron)

USSR Cf LN-7. Many press clippings in on renewed jamming, tnx to all who sent. US & GB say this violates Helsinki 1975 Final Act; Soviets say 'what jamming?'. Some is buzz, some is Mayak; jamming affects 7 USSR langs of VOA, but not Georgian or Polish. Started 20/8 1445 against BBC Russian; 2 hours earlier for VOA. As a result, jamming against Israel has diminished. Soviets also increased jamming in 1968 just before invading Czechoslovakia (many sources)

YUGOSLAVIA R. Yugoslavia EG: 1530-1600 15300 15240 9620. 1830-1900 11735 9620 6100. 2000-2030 9620 7240 6100. 2215-2230 9620 7240 6100 1269. SP 0000-0030 & 0100-0130 11735 9620 7240

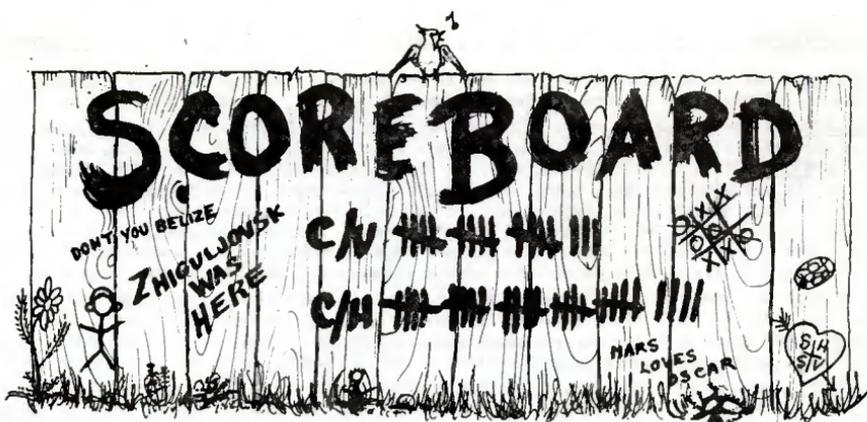
C L A N D E S T I N E R. Libertad Cubana Com. David may have been busted, but am (WBI 14/8)

hearing RLC again with new jefé, Capitán A---rio, 19/8, 21/8 7089 0115 AM/SSB. LVJPC 21/8 0332 -0347*, 22/8 *0200-0250 on 7400, alt. ID R. Mambí (right), addr as Apt. 6508, Caracas instead of previously anc'd 6805. LV de Alpha 66 often now, 0100-0120 on 7047-7050, stronger but jammed, hrd August 1 2 8 13 14 15 19 20 21 22 (Steven Reinstein, FL, 22/8) V. of Free Africa is back, anti-Mozambique govt, 4764.PT & verns 1700-1800 new time, USB full carrier (QTH Af 10/8)

Spy Numbers 9268 19/8 0110 female, emphatic Spanish numbers (Joe Coleman, PA) 9267 21/8 0100-0120 YL numbers, not Spanish, 'Ende' at 0112 & 0120; not hrd 22/8 (George Munz, NJ) PIRATES: Blue Music R., 20 W German stn testing 21800 & 26000 e.g. 1500-1600 Tue; unconfirmed (Norman Nelson, DSWCI) R. DX Int'l hrd 26/7 1300-1345 on 26575 relaying FR DX pgms of RCI, SRI; check Sats 1300-1500 (Gilles Michaud, Laval PQ) 'KSWL' intermittent July FM 100.0 MHz 2200-0500, top 40, SWBC tapes; 2/8 DJ said they'd be back in Sept with all new stn (Dale Park, Honolulu)

UNIDENTIFIED 2120, 19/8 1030-1156* SP, R. Papel or similar, piano mx; doubt Dom. Rep. (Mike Hardester, San Marcos CA) 10414 LSB Spanish 2351 5/8, adstrng, no ID, 2358* to phone call (Mike MacCollum, Indianapolis IN)

Until the next, 73 de Glenn....



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

SEPTEMBER 1980

Europe						Europe					
Reporter/Location	C/H	C/V	CH	CV	Best QSL	Reporter/Location	C/H	C/V	CH	CV	Best QSL
1 James Young, Calif	222	211				47 Jeff O'Donnell, Pa	177	103	31	26	Greece
2 Irving Johnson, Cal	221	72	39	10	Lithuania	48 Michael Salay, Ohio	177	92	37	33	Iceland
3 John Tuschsch'er, Wis	221	38				49 John Herkimer, NY	176	160	35	34	Riga
4 Dan Henderson, Md	220	212	39	37	Sunshine	50 Alex Vranes Jr, Pa	176	138			
5 Ernie Behr, Ont	219	200	38	37	AFN Frank	51 Kent Willis, Ky	176	134	32	31	Iceland
6 Sam Barto, Conn	216	206			World Mas	52 Steven D'Adolf, Mass	174	141			
7 Al Sizer, Conn	215	213	39	39	Condor	53 Bobby Hobbs, NC	173	104	35	31	Iceland
8 Bob Padula, Austral	215	207	36	36	Andorra	54 Brian Cartwright, Pa	173	39			
9 Edward Kusalik, Ont	215	197	38	38	EMR	55 Hadley Cress, Va	173	8	33	1	DW Malta
10 Marlin Field, Mich	214	211	39	39	EMR	56 Alan Plotnick, Conn	172	157	35	31	
11 Bill Sparks, Calif	211	206	37	36	Tallin	57 Albert Muick, Pa	172	118	32	31	ABC Engld
12 Bill Whitacre, Mich	211	184	31	31	IBF	58 Jerry Lineback, Ill	172	101			
13 Edward Shaw, Ky	210	199	37	36	Aust Army	59 Charles Wootten, It	171	146	37	36	YENED
14 Jerry Berg, Mass	209	203	38	37	Pt Parade	60 Albert Cannon jr, NC	171	146	33	32	Sicily
15 Alan Mayer, Ill	209	185	37	36	Riga	61 Brett Saylor, Pa	171	95	32	28	Luxemb'rg
16 Dan Robinson, DC	208	168	38	36	Cill Dara	62 Martin Foltz, Mich	170	120	35	27	Sudwesfnk
17 Nobuaki Takaha '1, Jp	207	167	37	32	Tallin	63 Vladimir Cucura, Pa	170	93	33	31	EMR
18 Tom Williamson, Guat	206	185	40	36	Trieste	64 Charley Hoffman, Pa	168	137	33	32	Iceland
19 Roger Legge, Va	205	180	39	37	Andorra	65 Bill Reynolds, NY	168	94	32	26	Poland
20 Albert Garrou, Ill	204	150	37	31		66 Paul Buer, Fla	167	144	36	36	MSF
21 Al Miller, Ohio	202	191	35	35	TW Monaco	67 Stephen Pitts, Ore	167	140	33	29	Belgrade
22 Neal Perdue, Ala	202	57			Greece	68 James Smallwood, Ala	167	131	34	25	TW Monaco
23 Serge Neumann, Ind	201	183				69 Bob Pierce, Mass	167	93	36	30	Andorra
24 Myron Smith, NY	201	165	37	34	Sicily	70 Henry Lazarus, La	165	154	34	34	W Berlin
25 Gerald Bishop, Pa	200	155	38	35	Sicily	71 Michael Agner, Mass	165	89	27	25	Andorra
26 Al Niblack, Ind	200	130				72 Frank Orcutt, Calif	164	129	32	29	North Sea
27 Jim Fedor, Calif	200	126	37	33	Iceland	73 Andre Pineault, Que	160	131	36	35	Andorra
28 Victor Jaar, Que	199	4				74 Sholom Glikzman, Ill	160	123	34	32	Iceland
29 James Koren, NC	195	157				75 Neal Kolb, Fla	160	75	33	28	Luxemb'rg
30 Joe DiLeo, Conn	194	181	36	35	Andorra	76 Brian Alexander, Pa	160	71	33	30	IBF
31 Mike Ryan, Calif	191	157			Riga	77 Jim Douglass, Pa	158	126	33	27	Poland
32 Tom Cavaras, Minn	191	155	33	29	Luxemb'rg	78 David D'angelo, Pa	158	30			Czech
33 Douglas Wicks, Pa	191	135			Espna Ind	79 Ralph Alm, BC	156	111	33	29	
34 Terry Krueger, Fla	191	112	39	31	Condor	80 Niel Wolfish, Ont	156	105	33	31	Luxemb'rg
35 Don Moore, Pa	190	132	38	33	Condor	81 Dave Briggs, Conn	155	100			Mercury
36 Chris Lobdell, Mass	189	176	35	32	YENED	82 Caesar Braga, Mass	155	58	36	27	Denmark
37 Larry Abraham, Mich	189	158	34	34	Iceland	83 John Huntwell, NJ	153	129	35	35	Andorra
38 Ron Howard, Calif	187	166			W Berlin	84 Mike Hardester, Cal	152	132	30	29	Tallin
39 Andy Robins, Ich	186	133	36	33	Enoch	85 Dan McCarthy, Fla	152	129	33	32	Sudwesfnk
40 John Fisher, Ont	185	142	35	33	Iceland	86 Kevin Mikell, Ill	152	115	35	31	IBF
41 Jim Uerlings, Ore	184	30	33	14	Budapest	87 Herman Ackeremann, Ger	152	110			
42 Troy Gower, Ill	182	147	33	31	Iceland	88 Steven Sbordone, Fla	152	77	35	25	Sicily
43 Mike Nikolich, Ill	182	141	36	35	Iceland	89 Robert Smith, NJ	149	96			
44 Ben Radcliffe, Ill	180	107	40	33	Sicily	90 Mitehell Taylor, Ga	148	88	99		
45 John Sgrulletta, NY	179	179	33	33	Estonia	91 Gordon Blom, NY	147	120			
46 Dave Valko, Pa	179	118	29	25	Denmark	92 David Margritz, Nebr	147	85	30	29	Belgrade

Europe							Europe						
Reporter/Location	G/H	C/V	CH	CV	Best	QSL	Reporter/Location	G/H	C/V	CH	CV	Best	QSL
93 Tom Overcamp, SC	146	126	32	32	Sicily		160 Ken Kash'ara, Cal	102	72				Vilnius
94 Roly Desrosiers, Mas	146	119	34	33	Malta		161 Greg Daryl'ko, Ont	101	76				
95 Walter Kunz, Pa	146	71	34	28			162 Pete Grenier, Cal	100	71	28	25	TW	Monac
96 James McClure, Ky	145	81	32	28	Belgrade		163 R N Harrington, Col	100	61				
97 Joe Talley, Ind	143	143			Moscow		164 James Mulvey, NY	99	79				
98 John Onken, Ill	143	116					165 David Sedgeley, Col	99	68				
99 Henry Ward, Que	141	109					166 Michael Calderwood	98	58	25	22	Poland	
100 Lauren Ware, Va	141	49	31	22	Greece		167 Ted Muszynski, Conn	98	45	30	25	Red Cros	
101 Maxfield Greenwood	141	8	31	2	Iceland		168 Darryl Holland, NY	98	43				
102 Terry Colgan, Tex	140	38	29				169 David Greenes, Mass	96	21				
103 Conrad Richardson, V	140	11	30	7	Iceland		170 Stephen Ponder, NC	95	74				
104 Dan Prisco, Pa	139	111	34	30	Iceland		171 Kelvin Watts, Austl	94	66	26	20	Luxembg	
105 John Kapinos, Mass	139	109					172 Dave Maxfield, Mich	94	29				
106 Baxter Hensley, Tex	138	118	30	30	Luxemb'rg		173 Brent Dalgl'sh, Ont	91	46				
107 Philip Wala, Calif	138	102	30	28	Espra Ind		174 Lermy Saaf, Ill	91	31	29	15	Sw Tel	
108 Greg Ravenhorst, Mn	138	100	30	29	Greece		175 William McDavitt, NY	88	74				
109 Allan Courtney, Ky	138	53	32	24			176 Robbie Berez'ski, Al	88	65	29	26	Portugl	
110 Bill Harms, Wash	137	81	34	30	Luxemb'rg		177 Duane Wise, Ind	87	51	29	23		
111 William Krause, Min	137	77	32	28	Iceland		178 Chris Pygott, Ont	86	64				
112 Larry Cunningham, O	137	42	29	23	Belgrade		179 Mickey Delasse, Man	85	78	31	31	Iceland	
113 Walter Dittrich, Fl	136	109	32	32	W Berlin		180 Thomas Semesky, Ind	85	60	28	26	Malta	
114 Steve Kennedy, Fla	136	92					181 Norm Newhall, Conn	84	73				
115 George Link, Calif	135	106					182 Edward Stroh, Ill	83	70	29	29	Norway	
116 Robert Fleck, Tex	135	105					183 Clarence Wilson, Tx	83	63	26	23	Malta	
117 Bob Ottaway, Colo	135	90					184 David Mosier, Calif	80	37	24	11	Denmark	
118 Jerry Johnston, Ky	135	87	31	27	Iceland		185 Eric Goodson, SC	80	20				
119 David Reits, Ky	134	83			RFE		186 Terry Reinhold, Pa	74	47				
120 Carl Durnavich, Ill	134	77					187 Roger Reini, Tex	74	37				
121 Mac Leonhardt, Ind	133	70					188 Bill Taylor, Pa	72	51	28	24	Malta	
122 Terry Moon, Calif	132	82	31	28	Monanco		189 Terry Concan'n, Cal	71	53				
123 Stephen Porter, Con	132	66					190 Alan Zelchick, Me	70	40	29	21	Denmark	
124 Bruce Ewenstein, NY	131	70	31	19	Sicily		191 Paul House, Ohio	70	36				
125 Peter Schipellitti, M	131	54					192 Joe Kremer, Wisc	70	26	27	14	Greece	
126 Doug Wiraz, BC	130	100	31	29	Bayer'er		193 Joe Dias, Calif	69	52	26	21		
127 Jim Hilliker, Calif	129	93					194 Jerry Schmidt, Wisc	69	44	21	17		
128 Gerald Word, Ga	128	105					195 Dennis Kelly, Mo	68	48				
129 John Meyer, Wisc	127	91	32	29	Minsk		196 David Labossiere, Cn	66	55				
130 Edward Pyatt, Ga	126	115	30	30	Andorra		197 Daniel Sampson, Wis	66	43	25	18	Greece	
131 Peter Kerr, Ont	126	113					198 Steven Shaffer, Ind	66	39				
132 Robert Vance, Tex	124	86	32	30	Austria		199 Al Schlaugat, Wisc	65	49	28	25	Lopik	
133 Adam Gaffin, Mass	123	80			Esp Ind		200 Gerald Clark, Ind	64	50	28	25	Vilnius	
134 Hans Johnson, Tex	122	80					201 Ed Dye, Mo	64	35				
135 Robert McIntosh, On	121	75					202 James Trame, Tenn	63	44				
136 Tom Haskett, Ind	119	99					203 Bruce Johnston, NY	62	50				
137 Jay Hamilton, SC	119	81	30	28	Poland		204 Terry Klaser, Mo	60	32	30	17	Andorra	
138 Scott McClellan, Mi	119	56	30	19	Denmark		205 Michael Laird, NJ	58	44	28	25	Spain	
139 Stephen Leite, Mass	116	89	32	30	Luxemb'rg		206 Robert Zajda, Mass	58	41	27	21	Malta	
140 Charles George, Tex	116	85	30	27	Sudwes'nk		207 Ted Osage, Ohio	57	36				
141 Robert Goss, Tex	115	81	29	29	Luxemb'rg		208 Ron Carbis, Calif	56	31	19	13	Sofia	
142 Kevin Meyer, Peru	115	80					209 Rita Verneti, Kwaj	55	51	14	14	TW	Monac
143 Jeff Kruszka, Ohio	115	31					210 Duke Rice, NC	55	46				
144 Robert Wallace, Haw	114	91					211 Martin Delfin, Tex	53	51				
145 Chris Leithner, Ten	114	85	28	26	Sudwes'nk		212 Jim Shaver, Wyo	50	21	20	7		
146 Timothy Noonan, Wis	113	80	31	31	Belgrade		213 Paul Broull'te, Mic	48	37	15	13	Vilnius	
147 Thomas Lebryk, NJ	111	59					214 Lexington Smith, NY	46	25				
148 Tom Blossom, Ohio	110	97	31	30	Iceland		215 Joy Cronin, NY	44	35	27	24	Vilnius	
149 Robert Viau, Que	110	96					216 Tom Clutters, Ohio	42	20				
150 Gene Eastman, Tex	110	61	30	23	Denmark		217 Jeff Finlay, Ohio	42	10				
151 Mildred Marshall, ND	108	93	31	30	Vilnius		218 Mike Colacarro, Mas	40	37			Spain	
152 Mike Brooker, Ont	108	83	30	30	IBF		219 Don Warner, Ohio	40	22	21	17		
153 Marjorie Eurns, Ill	108	83					220 Jean Pierre Caravan	38	10	24	6		
154 Dan Morisseau, Nebr	108	38					221 Paul Lerner, NY	35	28	20	19	Vatican	
155 David Schweikary, Va	107	77					222 Charles Dumont, Que	34	19				
156 Gary Biasini, Alta	107	50	30	20	TW	Monanc	223 Walter Swain, Fla	34	18				
157 William Mann, Ont	105	89	30	27	Riga		224 Richard Austin, Ky	31	17				
158 Arthur Burke Jr, Fl	105	64	30	28	Poland		225 Steven Sahnaw, RI	23	20	13	11	Sofia	
159 Bill Algeri, Pa	104	70	29	28	Malta								

Time to set your goals for the new DX season - no of countries heard/verified before June. Next deadline is November 15, spotlight is on Oceania. If you have not updated your totals in 1980 you may be dropped from the next list. So let me know that you want to stay on.

XEQT

LA PANTERA



BIAFRA (Nigeria): FRC 6025 via Enugu f/d ltr. in 3 wk
 * for 1 IRC. v/s F.O. Adophy, Assistant Chief Engineer. (Reitz-KY). in 5 wks. for 2 IRCs (Kapihos).

BONAIRE: Radio Nederland 9715 f/d "Special Coronation" cd. in 73 ds. (Eckman-IL). same in 24 ds. (Byron-NY). 9590 f/d "Costumes" cd. in 1 mo. (Meehan-CT). cd. and pennant in 27 ds. (Lucas-PA) f/d "Man with Pipe" cd. in 20 ds. (Swedberg-OR). Trans World Radio 11890 "Antenna" cd. in 27 ds. v/s Beth Holstene. (Schlaugat-WI). f/d cd. in 22 ds. for 1 IRC. (Ewenstein-NY).

BOUGANVILLE (North Solomons): Radio North Solomons 3322.5 ltr. in 60 ds. for 1 IRC. v/s Aloysius
 * Sanoto, Provincial Manager. (Eckman-IL). in 67 ds. for 1 IRC. (Buer-FL). in 7½ mo. (Kapihos-MA). ltr. in 67 ds. for 1 IRC. (Gliksman-IL).

BRASIL: Radio Bras 15290 f/d cd. in 129 ds. for an EG rpt. (Lunna-VT). in 40 ds. for 1 IRC. (Tokarchick-NY). ltr. and plastic sticker in 2½ mo. v/s Bernice de Sousa Otero, Head of International Service. (Greenwood-PA). Radio Bandeirantes 11925 n/d cd. in 14 ds. for a PT rpt. and 1 IRC. (Gliksman-IL). Radio Nacional de Boa Vista 9705 n/d form ltr. in 35 ds. for a PT rpt. and 1 IRC. v/s Enock Alencar. (Gliksman-IL). Radio Dragao do Mar 4925 personal ltr. in PT in 4 mo. for a PT rpt. and ms. v/s Raimunda P. Barros, Assistant da Chefia de Programacao. (Lazarus-LA). Radio Educadora 6 de Agosto 3410 f/d ltr. in 1 mo. for a PT rpt. and ms. v/s Luiz Beleza da Silva. (Moore-PA). Radio Brasil Central 4985 f/d ltr. in EG/PT in 70 ds. for a PT rpt. and 2 IRCs. v/s Jose Castro Jr., Director. (Samuel-MAN). in 6 wks for 3 IRCs. (Schanke-WI). Radio Clube de Dourados 3375 n/d ltr. in 53 ds. for a PT rpt. and ms. v/s Waldemar Dorta, Director Comercial. Also rcvd. pennant and a 4 oz (!) key chain. Correct address: Rua Ciro Melo 2015, C.P. 68, Dourados, Mato Grosso do Sul. (Hoffman-PA).... Thank you for the correct station address... Sam.

BULGARIA: Radio Sofia 11750 f/d "Zlatni Pyassatsi" cd. in 5 mo. (Simaschko-WI). in 4 mo. for 1 IRC. (Tokarchick-NY). 15330 f/d "Pamporovo" cd. in 2 mo. (Brouill-

CAMEROUN: Radio Garoua 5010 ltr. in 3 mo. for an EG rpt. and ette-MI)
 * 2 IRCs. v/s S. Ngoura. (Morris-NZ).
CANADA: Radio Canada International 9755 new "1980 Logo" cd. in 30 ds. (Witte-CA). in 70 ds. (Smith-MD). 6000 (Election Night Special Frequency) cd. in 51 ds. (Eckman-IL). 17820 "Anniversary" cd. in 50 ds. (Baxter-KS). 5960 cd. in 48 ds. (Zeichick-ME). in 51 ds. (Cucura-PA).

MOSCOW U S S R



pre 1960
 Soviet "gem"

This verifies your reception
 report on our transmission
 Date: April 25, 1958
 Time: 19:05 - 19:15 EST
 Wavelength: 11.7, 11.8, 11.9
RADIO MOSCOW



625 Kc.
 Onda Larga
 10.000 W.

TIDCR

9.615 Kc.
 Onda Corta
 4.000 W.

"La Voiz de La Victor"

La Radio Internacional de Costa Rica

Fundada en 1925

Apartado 3611

San José - Costa Rica

mother oldie

A. C.

Muy agradecidos por su reporte fecha 2 / 24 / 1960

San José, Costa Rica, Abril 19 de 1960

CANADA: CKFX 6080 f/d "Super-Country" cd. in 2 mo. for ms.

* v/s Larry Howell, Engineer. 10 watts!!(DeFeyerter-MI).

CKZU 6160 cd. in 2 wks. 500 watts.(Kennedy-CA).

CFRX 6070 cd. in 24 ds. for 1 IRC.(Gold). CFCX

6005 cd. in 29 ds. for 1 IRC.(Gold). CHNX 6130

cd. in 103 ds.(Zeichick-ME). in 21 ds.(Gold).

CANARY ISLANDS: Radio Exterior de Espana 15365 f/d

cd. in 21 ds. for a SP rpt. and 1 IRC.(Witte-CA)

CHINA: Radio Peking 17860 ltr. in 40 ds.(Greenwood-

PA). 17680 "Girl w/ Giraffe" cd. in 15 ds.(Cal-

derwood-CO). 15520 cd. and pin in 24 ds.(Archer-

NC). in 19 ds.(Leite-MA). 17885 "Women Doctors"

cd. in 25 ds.(Fraser-MA). 17855 cd. in 23 ds.

for 3 IRCs.(Schanke-WI)...Save your money, IRCs

are not really necessary to China...Sam.

Where did all the regionals go!!!!

COLOMBIA: Radio Sutatenza 5075 f/d folder cd. in 45 ds.

for 1 IRC.(Simaschko-WI). Radio Guatapurí 4815 personal

ltr. in 19 ds. for a SP rpt. and 1 IRC. v/s Milady Perez

* Cordoba. (Gold). Radio Super de Cali 6085 personal ltr. in 3

wks. for a SP rpt. and ms. v/s Josue Francisco Gomez Hernandez, Depto. Tecnico.(Lobdell).

COSTA RICA: TIQ Radio Casino 5955 f/d cd. and a green pennant in 51 ds. for an EG rpt. and

* ms. (Reitz-KY)...This station has at least 3 different pennants...Sam. Radio Rumbó 6075

f/d bumper sticker/decad type cd. in 59 ds. for a SP rpt. and 2 IRCs.(Hoffman-PA). in 2½

mo. for 2 IRCs and a SP rpt.(Lobdell-MA). in 65 ds. for 1 IRC.(Gliksman-IL). in 75 ds.

w/ the same beautiful multi-colored cd. for a SP rpt.(Klein-FL)...Tnx for the call Stu.

CUBA: Radio Moscow via Habana 6110 f/d cd. in 57 ds.(Simaschko-WI). 9600 and 600 f/d cd. in

38 ds.(Eckman-IL). Radio Habana Cuba 11760 f/d "Castle" cd. in 109 ds.(Boire-NE).

CYPRUS: BBC 15380 n/d cd. in 44 ds.(Archer-NC).

CZECHOSLOVAKIA: Radio Prague 5930 "Castle" cd. in 6 mo. for 1 IRC.(Tokarchick-NY). 7345 f/d

"35th Anniversary" cd. in 57 ds.(Archer-NC).

DENMARK: Radio Denmark 15165 f/d "Radio Tower" cd. in 14 ds.(Archer-NC). in 15 ds.(Swedberg-

OR). in 25 ds.(Kennedy-CA). in 20 ds. for 2 IRCs.(Samuel-MAN).

DUBAI(United Arab Emirates): Radio TV Dubai 21700 f/d "World Map-Logo" cd. in 34 ds. for 1

* IRC. v/s Harold Robin.(Marshall-GA).

ECUADOR: HD210A 3810 f/d "Sun Dial Map" cd. in 2 mo. for an EG rpt.(Leite-MA). HCJB 26020 f/d

cd. in 1 mo.(Conover-KY). cd. in 1 mo.(Archer-NC). 15155 "La Compania de Jesus" cd. in 32

* ds.(Swedberg-OR). 11910 cd. in 21 ds. for 2 IRCs. Pennant rcvd.(Grover-WA). Radio Pastaza

3315 n/d personal ltr. in 2 mo. Also rcvd. a beautiful pennant. v/s Edwin Gustavo Fernandez

Cobo. (Lobdell-MA)...Never seen their pennant but I hear its a beauty...Sam.

EGYPT: Radio Cairo 9475 f/d cd. in 60 ds. (Gliksman-IL).

ENGLAND: VOA Wooferton 7200 f/d "Satellite" cd. in 7 ds.(Archer-NC). 9760 cd. in 16 ds.(Simas-

chko-WI). BBC 3975 cd. in 2 wks.(Kennedy-CA).

ETHIOPIA: Voice of Revolutionary Ethopia 7165 f/d plain green cd. in 14 wks. for 2 IRCs. v/s

* Yohannes Rupheal, Programme Coordinator/Audience Relations Dept.(Morris-NZ).

EUROPEAN RUSSIA: Radio Moscow via Armavir on 12010 cd. in 1 mo.(Barto-CT). 15270 cd. in 1 mo.

(Simaschko-WI). via Moscow on 9600 w/ f/d cd. in 1 mo.(Simaschko-WI).

FEDERAL REP. OF GERMANY: Radio Liberty 5125 via Holzkirchen f/d cd. in 5 wks.(Barto-CT).

Deutsche Welle 11865 cd. in 38 ds. for 1 IRC.(Lunna-VT). 11705 cd. in 53 ds. for 2 IRCs.

(Higgins-PA). Sudwestfunk 7265 p/d cd. in 175 ds. for a GM rpt. v/s Dr. Schorken, Dr. St-

oeker, and Dr. Krank.(Clifford-OK). in 38 ds.(Fisher-MA). in 51 ds. (Kennedy-CA).

FINLAND: Radio Finland 15400

f/d "Glass Making" cd.

in 44 ds.(Schlaugat-WI)

n/d ed. in 1 mo.(Eckman)

FRANCE: Radio France Inter-

national 21595 f/d cd.

in 35 ds. w/ pennant,

sticker.(Archer-NC).

GABON: Radio TV Gabon 4777

f/d "Map" cd. in 2 mo.

for ms.(Reitz-KY). in

10 wks.(Leite-MA).

GALAPAGOS: La Voz de Galapa-

gos 4810 n/d cd. in 124

ds. for an EG rpt. and

1 IRC. v/s Padre Raul

Pinto, Director(Desros-

iers-MA).

ONLY A FEW DAYS TILL NEAD30

Adventist **W**orld **R**adio

TGMUA TGMUB TGMUC

ALL THE HITS AND MORE
CAPITAL
RADIO
604 MHz
MEDIUM WAVE
WILD COAST - TRANSKEI

GERMAN DEM. REP: RFI 9730

"Humbolt University" cd. in 70 ds. (Eckman-IL). 11970 f/d "Altes Museum" cd. in 63 ds. (Rapillo-NY). 11975, 11890, 9730 and 11840 4 "Map" cds. and a personal ltr. from Rudi Friedel in 67 ds (Johnston-NY). 11975 "Clock Tower" cd. in 55 ds. w/ pennant and badge, stickers and a pin. (Archer-NC). f/d cd. in 67 ds. (Zeich-ick-ME).

GHANA: Ghana B/Cing Corp. 4915 ltr. in 1 mo. v/s Ernest Asamoah, Publications Officer. (Leite-MA).

GREECE: VOA Kavala 11760 f/d cd. in 8 ds. v/s Daniel * Robinson. (Conover-KY)....They finally got you behind a desk and off the broom.....Sam.

GREENLAND: Gronlands Radio 9575 f/d folder cd. in 94 ds. for 2 IRCs. (Morris-NZ). 9570(?) cd. in 173 ds. for 1 IRC. (Desrosiers-MA).

GUAM: K1WR 11840 f/d "DX Listeners Log" cd. in 10 ds. for 2 IRCs. (Waldburger). 15365 cd. and ltr. in 41 ds. for 3 IRCs. (Reynolds-NY).

GUATEMALA: Adventist World Radio 6090 f/d highly perfumed cd. in 133 ds. for 1 IRC. (Gionet-NB). 5980 f/d blue and white "Globe" cd. in 87 ds. for an EG rpt. and 1 IRC. (Buer-FL). in 93 ds. for 1 IRC. (Fisher-MA). in 3½ mo. for 2 IRCs. (Lobdell-MA). in 18 ds. (Marshall-GA). in 15 wks. for my 50th NA QSL! (Klein-FL).

GUYANA: Guyana B/Cing Service 5950 f/d ltr. in 51 ds. for 2 IRCs. (Rapillo-NY). ltr. in 40 ds. (Kennedy-GA).

HAITI: Radio 4VEH 11835 f/d cd. in 132 ds. for 2 IRCs. v/s Mrs. Edna Beachy (Baxter-KS)

HAWAII: WWVH 15000 f/d "Boat" cd. in 15 ds. v/s C.L. Trembath. (Archer-NC).

HOLLAND: Radio Nederland 17605 via Lopik f/f cd. in 27 ds. (Simaschko-WI). in 20 ds. (Leite-MA). 5960 f/d "Inauguration" cd. in 74 ds. for 1 IRC. (Schmidt-WI). 17615 cd. in 78 ds. (Cucura-PA). 6165 cd. in 16 ds. (Talley-IN).

HONDURAS: HRVC 4820 f/d cd. in 37 ds. for 1 IRC. v/s Ines Alvarado A. (Simaschko-WI).

HUNGARY: Radio Budapest 15220 f/d "SW Club" cd. in 102 ds. w/ pennant (Lucas-PA). 17710 f/d cd. and pennant in 4 mo. (Calderwood-CO). in 69 ds. (Archer-NC). ICELAND: ISBS 12175 f/d cd. in 4 mo. (Matthews-OH). f/d "Thingvellir in Iceland" cd. in 10 ds. (Clifford-FRG).

INDIA: All India Radio 11620 f/d "Painted Storks" cd. in 204 ds. (Moore-PA). cd. in 7 mo. for 1 IRC. (Calderwood-CO). "Kangra Temple" cd. in 183 ds. (Dittrich-FL). in 215 ds. for 4 IRCs. (Schanke-WI). 15335 cd. in 159 ds. (Baxter-KS). 9912 "Peacock" cd. in 5 wks. (Barto-CT).

IRAN: Voice of Iran 15084 f/d "Bandar Abbas Center" cd. in 59 ds. (Boire).

IRAQ: Radio Baghdad f/d cd. in 73 ds. Pennant rcvd. (Gold)...Liked your remark about return postage!!!

IRAN: Voice of Iran 15084 f/d "Bandar Abbas Center" cd. in 59 ds. (Boire).

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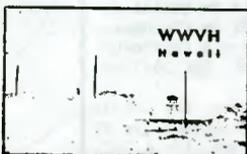
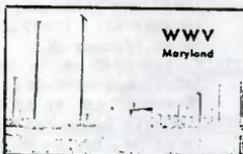
IRAQ: Radio Baghdad f/d cd. in 73 ds. Pennant rcvd. (Gold)...Liked your remark about return postage!!!

RADIO FREQUENCIES
AUDIO FREQUENCIES
TIME INTERVALS
MUSICAL PITCH
TIME SIGNALS
RADIO PROPAGATION FORECASTS

out of the past

NATIONAL BUREAU OF STANDARDS
BOULDER LABORATORIES
STANDARD RADIO TRANSMITTING STATIONS

Corrections to one part in ten billion published monthly



THANK YOU FOR YOUR REPORT ON RECEPTION OF

20
Frequencies
WWV 5-6-61
Station Date

NATIONAL BUREAU OF STANDARDS
BOULDER LABORATORIES
RADIO STANDARDS DIVISION
BOULDER, COLORADO

TIFC submitted by Roly Desrosiers

TIFC

LIGHTHOUSE OF THE CARIBBEAN
FARO DEL CARIBE



RIAS
BERLIN



RADIO TAHITI

vous remercie de votre compte-rendu
d'écoute du:
conforme en tout point au programme
de nos émissions de ce jour.

RADIO TAHITI émet journellement
sur 61.45 Kcs (40 mètres)

- a) programme français de 0500 à 0730 G M T et de 2215 à 2300 G M T
- b) programme tahitien de 0845 à 0500 G M T et de 2200 à 2215 G M T
- c) programme anglais de 0780 à 0745 G M T

IRAN: Voice of Iran 15084 f/d "Bandar Abbas Center" cd. in 59 ds. (Boire).

IRAQ: Radio Baghdad f/d cd. in 73 ds. Pennant rcvd. (Gold)...Liked your remark about return postage!!!



ISRAEL: IBA 15582 f/d cd. in 52 ds. for 1 IRC.(Marshall-GA). 15105, 11637 and 9815 cds. in 49 ds. (Baxter-KS). 11637.5 f/d cd. in 50 ds.(Archer-NC).

ITALY: RAI 9575 cd. in 96 ds. for 1 IRC.(Tokarchick-NY). 9710 f/d "Bernini" cd. in 62 ds.(Lucas).

IVORY COAST: Radio Abidjan 7215 cd. in 45 ds. for an EG rpt. and 2 IRCs.(Lunna-VT). 4940 f/d "Map" cd. in 19 wks. for a FR rpt.(Klein).

JAPAN: Radio Japan 11855 f/d cd. in 18 ds.(Clifford-FRG). 9505 "Koto Player" cd. in 35 ds.(Swedberg-OR). 15270 "Straw Horse" cd. in 6 wks.(Barto-CT).
* NHK 3259 cd. in 2 wks.(Kennedy-CA). NHK 3607 cd. in 2 wks.(Kennedy-CA).

JAVA: Voice of Indonesia 11790 n/d "Tanah Lot Temple" cd. in 144 ds. w/ pennant.(Desrosiers-MA). in 87 ds. for 1 IRC.(Hoffman-PA). in 3½ mo. for 1 IRC. for a request on the 6207 transmitter. My first QSL for a non-existent report!(Klein-FL).

JORDAN: Hashemite Kingdom B/Cing Service 7155 f/d "Mosque of Ibrahim" cd. in 80 ds. for 1 IRC.
* (Gliksman-IL). in 42 ds. for 2 IRCs.(Morris-NZ). in 15 ds.(Clifford-FRG). in 2½ mo. for 1 IRC. (Kapinos-MA). "Museum" cd. in 3 mo.(Klein-FL).

KAMPUCHEA: Mike Hardester flashes the word that two * overseas DXers have recently QSLed this station. Any mailing address would be helpful...Sam.

KENYA: Voice of Kenya 4915 and 4934 ltr. in 121 ds. ltr. states that all SW transmitters are in Langata near Nairobi.(Hardester-CA)...Thanks Mike.

KIRGHIZ SSR: Radio Moscow via Frunze 15535 f/d cd. in * 36 ds.(Reitz-KY). Radio Frunze 4050 and 4940 RS ltr. in 4 mo. for a RS rpt. and other materials. Tnx to George Poppin for the translation on this one.(Barto-CT). (Archer-NC).

KOREA, REPUBLIC: Radio Korea 15570 f/d cd. and green pennant in 45 ds. for 2 IRCs.(Lunna-VT). f/d cd. in 119 ds.(Conover-KY).

KUWAIT: Radio Kuwait 12085 f/d cd. in 336 ds. for 2 IRCs.(Simaschko-WI)

LATVIA: Radio Moscow via Riga on 21615 f/d cd. in 2 mo.(Mohr-NY).

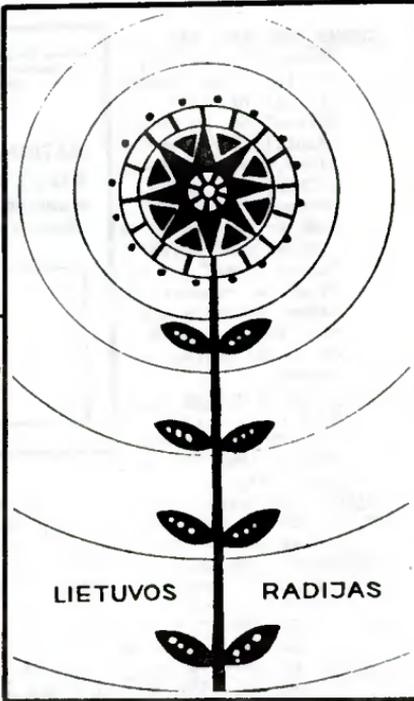
LEBANON: Voice of Liban 6550 f/d ltr. in 116 ds. for EG rpt.(Eckman).

LIBERIA: VOA Monrovia 6035 f/d "Satelite" cd. in 13 ds.(Schlaugat-WI).
LIBYA: Libyan Jamahiriya B/Cing Co. 17930 f/d cd. in 8 mo.(Calderwood-CO). cd. in 113 ds. for 3 IRCs.(Hardester-CA). in 12 wks.(Leite-MA). in 202 ds.(Buer-FL). 15100 cd. in 9 mo.(Smith-MD).

LITHUANIA: Radio Vilnius 11735 cd. in 6 mo. for 1 IRC.(Tokarchick-NY). 17870 f/d "Woman w/ Birds" cd. in 88 ds.(Schmidt-WI).

LUXEMBOURG: Radio Luxembourg 6090 cd. in 45 ds. for 1 IRC.(Tokarchick) "Antenna" cd. in 130 ds. for an EG rpt.(Rapillo-NY).

MALAYSIA: Voice of Malaysia 15295 f/d cd. in 35 ds.(Leite-MA). in 34 ds. for 1 IRC.(Marshall-GA).



6020 KHZ
0502 GMT

We thank you for your Reception Report dated 7 December 1974 on the General Service, and we have pleasure in confirming that your Report is in accordance with the programme broadcast.

Signed: *E. H. Kenzler* for

THE SOUTHERN RHODESIA BROADCASTING CORPORATION

Radio Korea

pre 1960 QSL

NOTE: DON'T FORGET TO PUT YOUR NAME AND STATE/AND OR COUNTRY AFTER EACH ARTICLE YOU SUBMIT TO THE COLUMN.

This confirms your reception of Radio Seoul, HLKA on 28 Dec at 0830 GMT EST. You are cordially appreciated for your kind reporting.

Frequency Table:

FREQUENCY	
710 kc/s (HLKA)	970 kc/s (HLKA)
2,510 kc/s (HLKA50)	3,910 kc/s (HLKA51)
5.5 kc/s (HLKA2)	7,100 kc/s (HLKA1)
7,900 kc/s (HLKA52)	9,640 kc/s (HLKA5)
11,925 kc/s (HLKA3)	15,255 kc/s (HLKA7)
15,410 kc/s (HLKA4)	17,090 kc/s (HLKA6)

HLKA

MALAWI: Malawi B/Cing Corp. 7130 f/d ltr. in 4 mo. for 2 IRCs. v/s L.H. Chikuni. (Morris-NZ).
MALTA: Deutsche Welle 11765 "Logo" cd. in 28 ds. (Witte-CA).
MAURITANIA: Radio Mauritania 4845 "Map" cd. in 56 ds. for an EG rpt. and 2 IRCs. (Lunna-VT).
MEXICO: Radio Mexico 17765 f/d "Logo" cd. in 62 ds. for a SP rpt. (Baxter-KS). XEW 15160 ltr.
 * in 358 ds. v/s Rafael Cardona Lynch, Director de Produccion y Operaciones. (Hardester-CA).
MONACO: Trans World Radio 9495 f/d cd. in 15 ds. for an EG rpt. and 2 IRCs. (Marshall-GA).
MONGOLIA: Radio Ulan Bator 12070 f/d folder cd. in 82 ds. (Dittrich-FL). cd. in 12 wks. (Leite-MA). cd. in 90 ds. (Gliksman-IL). in 3 mo. for 2 IRCs. (Greenwood-PA). 12068 f/d cd. in 3 mo. for 2 IRCs. (Mohr-NY).
MONTERRAT: Deutsche Welle 9545 "Logo" cd. in 28 ds. for 1 IRC. (Witte-CA).
NEW BRITAIN: Radio East New Britain 3385 f/d cd. in 28 ds. for 1 IRC. (Leithner-TN).
NEW CALEDONIA: FR3 11710 f/d ltr. in 79 ds. for a FR rpt. and 1 IRC. (Eckman-IL).
NEW ZEALAND: Radio New Zealand 17860 cd. in 39 ds. for 1 IRC. (Gionet-NB). 11925 cd, ltr and pennant in 14 ds. (Greenwood-PA). 15345 "Indian Gate" cd. in 19 ds. for 2 IRCs. (Byron-NY). same in 18 ds. (Swedberg-OR). in 23 ds. for 3 IRCs. (Samuel-MAN). (Kapinos-MA).
NICARAGUA: La Voz de Nicaragua 5950 n/d ltr. in 7½ mo. for a SP rpt. and 1 IRC. Pennant rcvd.
NIGERIA: Federal Radio Corp. 4990 via Lagos f/d ltr. in 6 wks. (Kapinos-MA). ltr. in 2½ mo. (Barto-CT). 7255 f/d cd. in 303 ds (!) w/ booklet on Nigeria. (Eckman-IL).
NORWAY: Radio Norway 9610 f/d "Steindalsfoss Waterfall" cd. in 7 wks. (Meehan-CT). 9590 cd. in 1 mo. (Jakubowski-OH). 21730 cd. in 68 ds. (Boire-NE). "Old Mill" cd. in 39 ds. for 1 IRC. (no name!) 15345 cd. in 26 ds. (Swedberg-OR). in 66 ds. (Moore-PA). f/d "Hotel Mundial" cd. w/ pennant (flag) in 21 ds. (Lucas-PA).
PAPUA NEW GUINEA: NBC 4890 f/d "Map" cd. in 31 ds. for 1 IRC. (Simaschko-WI). in 52 ds. (Schlaugaug-WI). in 68 ds. for 3 IRCs. (Reynolds-NY). in 59 ds. for 1 IRC. (Buer-FL). in 68 ds. w/ sticker and pennant. (Archer-NC). Radio Madang 3260 f/d "Map" cd. in 67 ds. for 1 IRC. (Dittrich-FL). Radio East Sepik 3335 cd. in 67 ds. via Boroko. (Dittrich-FL).
PERU: Radio El Sol 5970 Thanks to Kevin Meyer who hand delivered my report to the station.
 * It was returned w/ verie statement. (Leithner-TN)...We have some good people in this club.
PHILIPPINES: FEBC 11890 f/d "Hut" cd. in 66 ds. for 2 IRCs. v/s Zeny Visca. (Archer-NC). Phil-
 * ippine B/Cing Service 3286 and 6170 p/d cd. in 2 mo. for ms. v/s Greta Malubag. (Morris).
POLAND: Radio Polonia 11815 ltr. and cd. in 36 ds. (Cox-IL). "Ships" cd. in 43 ds. (Cucura-PA). 11815 and 9525 f/d cd. in 32 ds. Also rcvd. red pennant and membership #44! (Hoffman-PA). Get those pennants Charlie they are really beautiful! 11815 and 15120 cd. in 34 ds. (Swedberg-OR). 15120 cd. and a personal ltr. in 41 ds. from Zdzislaw Frackiewicz, Editor. (Brouillette-MI). 9525 f/d "35 Years of Peoples Poland" cd. in 39 ds. (Lucas-PA).
PORTUGAL: Radio Portugal 15125 "Armchair" cd. in 40 ds. for 1 IRC. (Lunna-VT). cd. in 29 ds. (Cox-IL). "Terrina" cd. in 52 ds. (Gionet-NB). 9575 cd. in 48 ds. for 1 IRC. (Samuel-MAN). 11925 "Stable" cd. in 31 ds. (Cucura-PA). in 35 ds. (Swedberg-OR). in 27 ds. (Baxter-KS). Radio Free Europe 21720 "Map" cd. in 3 wks. (Reitz-KY). Radio Japan via Sines on 15180 f/d "Koto Player" cd. in 24 ds. (Swedberg-OR).
ROMANIA: Radio Bucharest f/d cds. for 11940 "Dimitrie Gavrileanu", 9570 "Slanic Moldova Spa" and 5990 "Borsec Spa" and a personal note for 3 years of reporting! (Meehan-CT).
RWANDA: Deutsche Welle 15410 cd. and sticker in 63 ds. (Leite-MA).
SAUDI ARABIA: BSKSA 11855 f/d "Logo" cd. in 114 ds. for 1 IRC. v/s A.M. Swaleh. Arrived via registered mail (they all do!) (Brouillette-MI). All that money and no pennants....shame!
SIERRA LEONE: SLBS 5980 f/d ltr. in 73 ds. for 1 IRC. v/s H.A. Lynch. (Buer-FL). ltr. in 91 ds v/s J.D. Rhodes. (Leite-MA). in 13 wks. for 2 IRCs. (Kapinos-MA). in 49 ds. for 3 IRCs. (George-TX). in 65 ds. for ms. after 7 tries. Been ripped off-use plain postage (Kowalski)



RADIO RUMBO
CARTAGO C.R.

RUMBO

APOO M3, CARTAGO, COSTA RICA

525 6075 9071

TI-CAL CONFIRMA REPORTE

Fecha: 12 DE MAYO DE 1980 Hora: 02:49 U.S.A. -

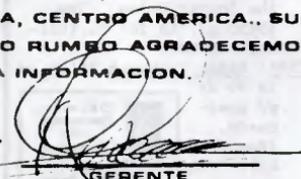
Frec.: 6.075, 49 METROS. Reg.: RUMBO 2.001

Zonas: MASSACHUSETTS. País: EE.UU. AMERICA

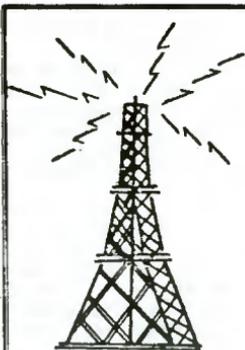
Operador: Señor Christopher R. Lobdell.

DESDE COSTA RICA, CENTRO AMERICA., SUS AMIGOS DE RADIO RUMBO AGRADECEMOS LA SINTONIA Y LA INFORMACION.

This card was also sent in by several others...Sam.

GRACIAS... 

GERENTE



PEOPLE'S DEMOCRATIC
REPUBLIC OF YEMEN
BROADCASTING SERVICE

FREQ 7190 KHZ POWER 100 W

TO CHARLES MOHR

Your Reception Report of the 4th FEB. 80
has been checked and found correct/incorrect.

Remarks Please listen again and
add more detail of program at
various hours. Thank you.

M. S. MOOSA
Signature

SOLOMON ISLANDS: SIBC
9545 f/d "Emblem"
cd. in 20 ds. for
2 IRCs. (Waldburger-
WA). 5020 cd. and
stamps in 3 mo. for
2 IRCs (Greenwood).

SOUTH AFRICA: Radio RSA
f/d "Cheetah" cd.
in 23 ds. (Swedberg-
OR). 17780 cd. in
17 ds. (Waldburger-
WA). 11900 cd. in
15 ds. (Cox-IL).

9585 cd. in 30 ds. (Leite-MA). in 18 ds. w/ pennant. (Lucas-PA).
Capital Radio (Transkel) 7160 f/d ltr. in 5 mo. Several stickers rcvd.
v/s Martina Nicholson, Promotions Executive, Addr: P.O. Box 6402,
Roggebaai, 8012, South Africa. (Klein-FL)...Tnx for the address Stu.

SPAIN: Radio Exterior de Espana 9630 f/d "Santa Maria la Blanca" cd. in
35 ds. (Zeichick-ME). in 35 ds. for 2 IRCs. (Higgins-PA). 11880 f/d cd.
and a ltr. in 32 ds. (Cox-IL).

SURINAM: Radio Apintie 4794 ltr. and pennant. v/s E. Vervuurt, Director.
* (Hardester-CA). ltr. and a cd. in 2 wks. (Kennedy-CA). Still 50 watts!

SWEDEN: Radio Sweden 11705 ltr. and cd. in 17 ds. (Cox-IL). in 16 ds. (Swe-
dberg-OR). 15290 f/d "Map" cd. in 18 ds. v/s A. Arvidson (Simaschko).

SWITZERLAND: Swiss Radio International 11715 f/d cd. in 49 ds. (Simaschko-
WI). 3985 cd. in 2 wks. (Kennedy-CA). 21585 cd. in 5 wks. (Barto-CT).

TAIWAN: Voice of Asia 5980 f/d cd. in 90 ds. for 2 IRCs. (Morris-NZ). Voice of Free China
* 15270 f/d "Ming Vase" cd. in 21 ds. (Waldburger-WA). cd. in 15 ds. for 1 IRC (Swedberg).

TOGO: Radio Togolaise 5047 "Globe" cd. in 60 ds. for a FR rpt. and 2 IRCs. (Witte-CA).

TURKEY: Voice of Turkey 15360 f/d "Castle" cd. in 50 ds. for 1 IRC. (Fraser-MA).

UGANDA: Uganda B/Cing Corp. 15325 f/d "Complex" cd. in 302 ds. for 2 IRCs. (Rapillo-NY).

UKRAINE: Radio Kiev 11770 f/d "Marilinsky Palace" cd. in 1 mo. (Zeichick-ME). Radio Moscow via
Kiev on 9720 cd. in 37 ds. (Simaschko-WI). via Ivano Frankovsk on 9660 cd. in 38 ds. (Eck-
man-IL). via Simferopol 15525 f/d "Fireworks" cd. in 42 ds. (Eckman-IL). -NZ).

URUGUAY: SODRE 11885 p/d cd. in 6 mo. via registered mail. v/s Jorge Cubilo, Director. (Morris
USA: VOA 15155 cd. in only 6 ds. (Cox-IL). KGEI 15280 f/d "Cable Car" cd. in 30 ds. for ms.

(Eckman-IL). cd. in 56 ds. (Boire-NE). United Nations Radio 15225 f/d cd. in 180 ds. (Sim-
aschko-WI). 11830 via Greenville cd. in 212 ds. (Moore-PA)...in 6 ds! and 212 ds! Could our
postal service be more efficient?...Sam. WINB 15250 f/d cd. in 145 ds. (Zeichick-ME).

WYFR 21615 f/d cd. in 34 ds. (Simaschko-WI). AFRTS 17765 via Delano f/d "Logo" cd. in 10
ds. (Swedberg-OR). Voice of the Pyramids 6240 f/d ltr. in 15 ds. for ms. via the FRC.

* (Wallace-MA). Radio Confusion 14550 f/d "Logo" cd. in 15 ds. via the FRC. (Wallace-MA).

cd. in 19 ds. via the FRC.
v/s Crazy Roger and Crazy
Charlie. (Conover-KY)...The
v/s's don't sound very
legit. Hi!

USSR: Radio Moscow 12030 "Misha
Bear" cd. in 31 ds. (Cox-IL)
"City Bus" cd. in 77 ds.
(Fraser-MA). 11630 cd. in
7 wks. (Barto-CT). 21490 &
21530 cds. in 26 ds. for
2 IRCs. (Schanke-WI)...Save
your IRCs...not needed in
the Soviet Union...Sam.
15455 cd. in 105 ds. (Cal-
derwood-CO).

UZBEK: Radio Tashkent 15460 cd.
in 30 ds.
w/ post-
cards.
(Baxter-
KS).



World Music Radio

VIA RADIO ANDORRA

submitted by Chris Lobbell

Date 16th MARCH 1980

Frequency 6219 kHz

Time 2205 GMT

73,
Andy Bennett

WMR - World Music Radio thanks you for your
reception report, which we are pleased to verify.

HAP BID WINNERS: Jim Douglass(323,365), Eric Cooper(312,364), Tom Semesky(310,320,332), Don Moore(329,330,366), Steve Sbordone(341,368), Charley Hoffman(319), John Herkimer(315,333,338,339), Bill Wild(334), John Fisher(351), Richard Pistek(337), Dan Jakubowski(318,326,347,353), Dave Mosier(316,317), Hugh Brower(311,348,359), Sampson(321,325,336,352), Dave Walcutt(354,356,357,358,360,322,327,346,349,350 - one of our big winners), Cronin(362), and our other big winner Brandon Jordan(313,314,324,328,331,335,340,342,343,345,367). Thank you so very much fellas. With the fine efforts from people like yourselves, we have raised in excess of \$2,500.00 this year for HAP and CHAP....Sam.

HAP BID ITEMS: We reached our goal of just over \$2,500.00 for HAP this past year! In just a few days on Sept. 6, we will be presenting Ian McFarland with a check for \$500.00 and a check to Wayne Davis for \$1,500.00. The success that we have had is due solely to the generous contributions made by you - our supporters! This coming year we hope to do even better. Lets get into our new items...#1: Radio France International(RFI) key chain, silver - beauty! #2: RFI bag tag, blue & white. #3: RFI "heart" pen, orange and black. #4: RFI "cap-hat" red, blue & white, adjustable-super! #5: RFI cloth pennant, blue & white (4x8"). #6: Manx Radio (Isle of Mann) decal, multi-colored - rare! #7: BBC-Radio Stoke, red B&W decal(4x6"). #8: WBBM decal, multi-colored-most beautiful decal I've ever seen!! #9: KLOS sticker, multi-colored - gorgeous! #10: Radio Sound Lissone (Italy) sticker, multi-colored(4"cir.). #11: Radio Reporter (Italy) sticker(3x4") multi-colored. #12: Downtown Radio (Northern Ireland) decal, blue and white...over 4 feet long!!! #13: Downtown Radio station badge(2"cir.) red, brown & silver. #14: Radio Antilles (Montserrat) decal(2x8") red, B&W. #15: Radio Antilles sticker (4x4") red, B&W. #16: Radio Antilles sticker(4x6.5") red, B&W. #17: Radio Sole (Italy) erotic art decal, B&W, Super! #18: GBR International (Italy) 3 different multi-colored decals! #19: VOCM Newfoundland and Labrador sticker(5.5"cir.) yellow & black - beauty! #20: Radio Clyde (Scotland) station pen, red & white. #21: CKCB metal badge(2"cir.) blue & white. #22: Radio City-194 (England) metal badge(1"cir.) orange, B&W. #23: Radio Forth (Scotland) metal badge(1.5"cir.) orange, B&W. #24: Radio Peking pin multi-colored. #25: La Voz de El Tigre (Venezuela) cloth pennant(6.5x16.5") silver, B&W - a super item!!! #26: La Voz de El Tigre decal(5"cir.) orange, B&W-beauty! #27: KASH "Banana" shaped sticker(9"long) yellow & brown - unusual! #28: KSNB "Hot Stuff" bottle shaped sticker(8.5"long) green, red, white-unusual! #29: Beacon Radio & Radio City-194 & Radio Newcastle 3 different multi-colored mini-stickers! #30: CKSA station pen. #31: Radio Tirol (Italy) "Dog w/ Earphones" sticker, red, B&W. #32: Radio Tirol "Eagle Emblem" sticker, red, B&W. #33: Radio Netherland cloth pennant(4x6") multi-colored. #34: Radio RSA cloth pennant(5.5x10.5") multi-colored. #35: HCJB paper pennant(4x9") yellow & black. #36: Voice of Spain-REE cloth pennant(4.5x8") multi-colored. #37: KIWR paper pennant(3x8") yellow & black. #38: Voice of Free China-BCC cloth pennant for the NA Service(5x8") red, white and blue. #39: Radio Lombardia (Italy) paper pennant(3.5x6") yellow & black. #40: RFI station sticker(3x8") multi-colored.....Hope you like the above selection.....Sam.

HAP ITEMS FOR DIRECT SALE: The following stickers/decals are available for \$.25 each or five (5) for a dollar (\$1.00): WRBR, WMET, WCFL, WDSO, WHYL, KYMS, WWWW, WQWO, WVAF, WWMW, WWWW, WZEE, Radio Tees, WDET (small), WDET (large), KDWB, CFNB, WXQR, WFME, WRSR, Radio Budapest, WHUM (truck), WHUM (car), KDKD, WRVQ, WNVY, WJPC, WBLF, WNDU, WPPF, CKCK, WCFR, WRFK, KIRO, WSBT, KJTM, WRSC, KRNA, KIOR, WYSL, WEEU, WCCF, WRCM, WKCI, KROY, WGCB, WCAV, WLPA, WTSO, WMMI, Radio Vatican, WWSI, WKTJ, KPof, WHAL, WOTW, KKA, CFCY (small), CFCY (large), Radio Sweden, CKNW, KRSP, WBZ and WRAU..... The following items are being offered for direct sale at the quoted prices: RFI triangular sticker(\$.50); BRT-ORU (Belgium) sticker(\$.50); CFMB super sized station sticker(\$.50) Radio Vatican paper pennant-sticker(\$.50); WVMI (Virgin Islands) sticker, blue and white (\$1.50); KLOS "Too Hip" multi-colored station sticker - super colorful!!!(\$.50); Radio Fil Rose (France) mini-poster(\$.25); KOOL "Butterfly" iron-on decals(\$.50); Radio SR (Swaziland) sticker - @ 20"long!!! (\$1.00); Radio Tees (England) "Tickles Me" banner(\$.50), and WSBT station pencils (\$1.25)....Sam.

REVIEW OF HAP BID PROCEDURE: All you need to do is to send me your bid(s) for any of the above HAP BID ITEMS that you would like to purchase. If your bid is the highest I will notify you (usually within 5 weeks after this sheet appears in various bulletins) of your winning bids.....Sam.

OVERSEAS ORDERS: Due to postage rates we must ask all of our overseas readers that their orders for direct sale items be in excess of \$3.00. International Money Orders, US cash or foreign currency is acceptable for direct sale items. Make all checks and IMO's made out to me or HAP.....Sam.

ADDRESS: The address for all direct sale items and for your bids is: Sam Barto, HAP Fund Raiser, 460 Emmett St. B-19, Bristol, CT. USA 06010.

HAP FUND RAISER: Remember, when you purchase any HAP direct sale item or successfully submit a winning bid, a large portion of your money will be returned to the HAP program in your country. This year a few of the Canadian DX Clubs printed this HAP page each month in their bulletin. The Canadian Chapter of HAP received \$500.00!!!

There are many DX Clubs in Europe, Asia and Oceania. Lets get your club active in this great fund raising effort for 1980-1981....Our goal - to top the \$3,000.00 level!!!

VATICAN: Radio Vatican
9605 f/d cd. in 22
ds. (Johnston-NY).
6015 cd. in 17 ds.
(Lucas-PA). 11845
cd. and pennant in
26 ds. for 1 IRC.
(Calderwood-CO). in
17 ds. (Zelchick-ME).



FEMA

VENEZUELA: Radio Yaracuy 4940 f/d cd.
in 105 ds. for a SP rpt. and 1 IRC
v/s Aumberto Valero Felix Berris.
(Brouillette-MI). Radio Lara 4800
cd. in 74 ds. for 2 IRCs. (Witte-
CA). Radio Universo 4880 "Logo" cd
210 ds. for a SP rpt. and 1 IRC.

* (Gliksman-IL). Radio Maturin 5040
n/d cd. in 28 ds. for a SP rpt. and ms. v/s Carmelo Resplandor. (Moore-PA). Radio Nacional
15390 f/d cd. in 4 mo. for an EG rpt. and 2 IRCs. v/s Charlie Nash. (Morris-NZ). La Voz de
El Tigre 3255 f/d ltr. w/ "Tiger" sticker in 4 mo. for a SP rpt. and ms. v/s Carlos Poleo,
Director. (Reitz-KY). Ecos del Torbes 4980 ltr. and sticker in 37 ds. for a SP rpt. and 3
IRCs. (Reynolds-NY). ltr. and a pennant in 30 ds. for 2 IRCs. (Greenwood-PA).

WEST IRIAN: RRI Wamena 5043 n/d ltr. in 7 wks. for an IN rpt. and ms. v/s Benny Rumaropen.

* (Lazarus-LA). RRI Manokwari 6187 n/d ltr. in 5 wks. for an IN rpt. and ms. v/s Fatmawati
S. (Lazarus-LA)...Very nice Henry...Sam.

YEMEN, PEOPLES DEMOCRATIC REP: DYBS 7190 cd. in 5 1/2 mo. for an EG rpt. and 2 IRCs. v/s M.S.
Moosa. (Mohr-NY). f/d "Antenna" cd. in 300 ds. for an EG rpt. and 1 IRC. (Gliksman-IL).

ZAMBIA: Zambia B/Cing Service 9578 f/d cd. in 42 ds. for 2 IRCs. v/s Peter Musuba. (Morris-NZ)

ZIMBABWE: ZRBC 3307.5 cd. in 63 ds. for an EG rpt. (Kennedy-CA).

NOTE: Well that about does it for another month gang. This month we had @ 112 countries
reported to this column. After my request last month there were several new first time
reporters. Lets keep supporting the column. Get those reports in...Sam.

REPORT ON KAPs OUTING: On July 27th John Kapinos had an outing at his home in Shrewsbury, MA.
Approximately 30 DXers were on hand. John and his lovely wife were great hosts. We all
had a wonderful time. The HAP auction netted a little over \$127.00 for HAPs treasury.
A big thank you to all the attendees!!! Sam.

HAP REQUEST: HAP is in need of someone to translate a letter from English into Portuguese. If
you believe you are qualified, please contact me as soon as possible....Sam.

PERSONAL NOTES: Bill Matthews...I tend to agree with you on your observations concerning the
Chinese regional stations. Its sort of reminiscent of other situations...Sam.

Bill Lumna of Roy's Trailer Park #31, Swanton, VT. 05488 has been having a hard time
verifying India, Uganda and Turkey. These are fairly consistent QSLers. If any of our
readers have any ideas, please contact Bill...Sam.

Mike Simaschko of 715 South Bettinger Court, Milwaukee, WI. 53204 is having trouble with
Luxembourg and Sri Lanka. Any help would be appreciated...Sam.

The above two comments are rather commonplace in this hobby. All I can suggest is to
keep writing and do a lot of praying. There are dozens of factors which could hinder
the receipt of a QSL...Sam.

HAP THANKS: This month a big thank you goes out to Dan Jakubowski, Steve Shaffer, Tom Haskett,
John Kapinos, Bob Wirrell, Maxfield Greenwood and Jim Westbrook. These individuals have

donated duplicate items to HAP and
have collected numerous items from
their local radio stations for our
monthly HAP auctions. I cannot ex-
press how grateful I am for this
generous contribution towards the
Handicapped Aid Program. Thank you!

NEADQ: For last minute reservations
call 203-589-0083. We have a few
seats available for the banquet.
At least a 100 people are expected
at the outing.

Until next time.....

Sam Bath

广播收听证

亲爱的朋友:

Direct QSL from the Chinese
Regional Station at Nei Menggu
Peoples Broadcasting Station

兹证明您
月 日的收听报告, 频率
千周, 符合本台节目。欢迎继续告诉
我们收听情况。

中国内蒙古人民广播电台

八〇年三月+八日

update

September 1980***Number 74

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA
(816) 931-5943 0030-0300 only!!!

UPCOMING DEADLINES: 10 September (Mid-Sept) 21 September (Oct) 10 October (Mid-Oct)

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

- **ANTARCTICA** RNac Arcangel San Gabriel, 6028.9, tentatively in SP 0115-50; occasional snatches of tango mx through QRN. No ID possible. (Bob Rankin, KS 8-15)
- ARGENTINA** R. El Mundo, 6120, in SP 0950-1002; all talks and possibly a nx show of some kind. Couple of IDs along the way and possibly mixing w/ Agnostura. (John Moritz, OH)
- AUSTRALIA** VLW 6, 6140, in EG 1110; M anncr, ABC nx, west Australia nx pgm. (Stu Klein, FL)
- AUSTRIA** ORF revised sked as follows: to EAFR 1700-1900 on 15155 ex-15225; to SEAs/Aus 0400-0600 on 21735, ex-21740; 0900-1100 on 21595, ex 21585; to ANZ 0700-0900 on 17830, ex 15440; to NAM now on 21655. (Jim Conrad, IA)
- BOLIVIA** R. Abaroa, 4723, presumed in SP 0135-50; M anncr, nondescript vocals. No ID but bet it was them. (Moritz, OH)+++R. Panamericana, 6034.3, in SP 0123-31*; anncing that it is now run by the Bolivian National Radio and that it is part of the "National Network of Nationalist Stns." (Bob Rankin, KS)
- BRAZIL** Rdf Maranhao, 4755, in PT 0725-35; song w/ dog barks, many ads, ID, TC, reverb audio, rapid fades. (Steve Reinstein, FL 8-15)+++R. Marumbi, 9674.9, in PT 0020-0135; mostly religious pgms, including Protestant hymns. Many IDs. (Ranking, KS)+++R Cl Pernambuco, 11865, presumed in PT 0815-25; pop song w/ many mentions of Sao Paulo by singer, strange ads, including one for an asthma product. (Reinstein, FL 8-15)
- CAMEROUN** R. Bafoussam, 4000, tentative in FR 0515-45; long talk by M in Afr FR dialect. No IDs, though. (Rankin, KS 8-16)
- CANADA** CKFX Vancouver, 6080, in EG 0740-0803; c6w mx to 0759, ID, nx. First time in 6 mo. (Rankin, KS 8-15)+++CKZU Vancouver, 6160, in EG 0640-0715; classical piano, ID for CBC Vancouver, CBC nx, ball scores, wx, TC and swing mx. (Rankin, KS 8-12)
- CHINA** CPBS, 6200, in CH 1115; lovely opera mx. (Klein, FL)+++ Xiznag PBS--stn has been appearing around 7110 in CH is thought to be Lhasa; noted w/ fair strength but rapid QSB around 1200. No //s found yet. One sked I've seen lists Lhasa here but in Tibetan service. Since July 31. (Bob Hill, CA)+++Gansu PBS--Lanzhou is now using 9710; noted 12 Aug w/ local ID in CH 1157, then joining CPBS net at 1200. Good sig till 1300 when covered by RMWS from Far East site. Checked 6155/6005/4865 for parallel pgms but none readable. After Aug 9. (Bob Hill, CA)***Welcome, Bob. tba
- CLANDESTINE** LV Alpha 66, 7050v, in SP *0100-21*; trumpet intro and march. Interview w/ Alberto Manzo, long anti-Castro talk by excited anncr. Many IDs. Heard throughout beginning of Aug on freqs varying from 7047-50. (Reinstein, FL)
- COLOMBIA** Rdf Nacional, 6145-49v, in SP 0333-0401; found wandering here w/ classical mx and vocals. M anncr w/ IDs. Gone from 6249 suddenly at 0345; found later on 6245. What good on? (Moritz, OH)---Same moving to 6251.4 in SP 0440-0455* nx by 2 M, including regional stories and nx of the highjackings to Cuba. ID and NA before s/off. (Rankin, KS)***Strongly suspect that this was the "Cuban clandestine" heard here by a number of DXers. Remember to check IDs carefully, folks. tba
- COSTA RICA** R. Universidad, 6104.7, in SP 0343-0400*; "When You Wish Upon a Star," "Theme From Exodus," DX preview, ID and off. (Rankin, KS)***Nice and rare evening reception of this. tba
- ECUADOR** LV Rio Carrizal, 3260, in SP 0250-0330*; variety of mx, clear IDs and NA at s/off. Also full list of freqs. (Reinstein, FL)+++Esc. Rad. Populares, 3985, in SP 0300-0310*; talk by M, full ID, QTH, freqs, and long NA. Also noted from 1050-1115. (Reinstein, FL)+++CRE, 4765, in SP 0419-28; modern folk mx on organ. M anncr said mx was for campesinos. ID 0427 and more of the same good stuff. (Moritz, OH 8-2)+++R. Popular Indep., 4800, in SP 0410-17; 3 R. Popular IDs and floklorico mx. (Moritz, OH)
- EL SALVADOR** R. Nac., 9555, in SP 1125; ranchera mx, ID, TC, calls, four-tone IS. (Greenwood, PA)
- GERMANY (FED REP)** RLiberty, 3960, in RS 0325-45; continuous talks. (Max Greenwood, PA)+++VOA Munich, 3980, in EG 0350; live Democratic Convention coverage. (Greenwood, PA)
- GUATEMALA** VoCuat, 6180, in EG 0801-08; anti-communist stuff "prepared by nx staff." Back into SP 0805. (Rankin, KS)
- **INDIA** AIR Delhi, 7155, in verns *1330-1415; news in various local langs. Usually rough copy through jammer slop from 7150. Neither freq nor pgm list in WRTH. (Hill, CA 8-7)+++AIR Madras, 15335, in Tamil 1230; fair level at close of pgm w/ usual muffed AIR audio. (Hill, CA 8-12)
- ISRAEL** IBA HS, 7465.2, in AR tentative at 0323-50; talks by M and mx. (Rankin, KS)
- KOREA (PR)** Pyongyang is now using several new in-band (!!! tba) freqs and has added new transmissions: found on 11906 closing at 1548 after KR tx. Also noted on 11915 at *1600 in AR. (Hill, CA 8-9)
- KOREA (REP)** Seoul, 6165, in EG 1035; R.K. EG pgm now on this former HS freq. (Klein, FL)
- MEXICO** R. Educacion, 6185, in SP 1015-1101; noted at good level w/ monotonous mx to 1047 when

a W spoke for 10 sec or so. Quick ID at 1051. Mostly local mx w/ group vocals and lots of accords. (Moritz, OH)---same at 1040 w/ jazzy Mexican mx, ID, calls at 1045 and back to more mx. (Klein, FL)---same at 0915+ w/ almost continual jazz mx and occasional voice-over IDs. (Greenwood, PA)

NEW HEBRIDES RNH during its final moments under that name on 7260 ay 1250 30 July. Mx, W in UnID lang and off 1300 after tubby little march like these often heard on African stns. 1300 would be midnight there on eve of independence. Became Vanuatu at 1300:01, I guess. (Hill, CA)

PERU R. America, 6010, tentative in SP 0007-0030; pops and rock mx, including McCartney's "Coming Up". M anncr mentioned Peru 0009. Anncmts and ads 0014. No ID. (Moritz, 8-4)

SINGAPORE BBC WS, 6195, in EG 1030; very surprised to hear this--unusual in FL to say the least. (Klein, FL)

USA V of the OAS noted on 9560, 11830 and 15260 at 0042. S/on is 003. (Vlad Cucura, PA)

USA (PIRATE) KVHF, 6420.2, in EG 0535-0708; pop mx, including "I Walk the Line", "Honeycomb." ID readable at 0619. (Rankin, KS)+++R. VCR (???), noted on 7354.9 and 7404.2, at 0145-0214* on lower freq w/ trucking songs and abrupt s/off. On higher freq w/ r&r and off w/ Star Spangled Banner. (Rankin, KS)

USSR Mayak, 7390, in RS 0240-0302; light mx to 0259, Mayak IS and pips. Thought it was a pirate (Rankin, KS)

VENEZUELA K. Impacto, 3355, in SP 0313-27; light mx, ID by M 0320. Tough copy. (Reinstein, FL 8-14)+++LV Carabobo, 4780, in SP 0915; usual stuff. (Klein, FL)+++ R. Turismo, 6178a, in SP 0905-11; obvious problems and bad modulation. Many IDs by M--apparently had just s/oned. Then into light instrumental mx. (Moritz, OH 8-9)

VIETNAM VoV, 10080, in EG *1100-28*; in vy well. Regional nx, comment, and self-serving pgms. Full ID at s/off and then carrier off. (Greenwood, PA)

ZIMBABWE ZBC R. 2, 7121; when condx are good, this one is putting in a fine long path signal around 1400, equal to or better than Peking 1 kHz lower. Noted 9 Aug after 1405 in verns discussion among at least 3 people. Then tedious disco (sorry, that's redundant) number w/ EG voice-over ID. Back into verns 1434. (Hill, CA)

FROM THE EDITOR:

First, a personal note of gratitude to retiring SWC editor Jerry Lineback. Jerry has been a mainstay of this club since at least 1973, quietly putting together first class material without claiming the credit that is justly his. Mac's tribute to him is the least that can be said, and I join it whole-heartedly.

Second, Jerry's departure means that a position will be opening on the NASWA Executive Council. This group is responsible for administration of the club, and membership in it is by vote from the membership. I have informed Mac that I am available for the post (in response to a request to all of the editors), and I would like to take a moment in advance to thank all of you who support me in the upcoming election. I also urge each and every NASWA member to express their preference in the upcoming election. This is your chance to take an active part in the administration of your club.

Best of 73,



log report section

1600-4899



TERRY KRUEGER

- 2320 BRAZIL R 8 de Setembro; 2130 EZL pops, ID, g; varying 1 kHz w/in 30 min. (Sztot-BRAZIL) 0033 PT, EZL mx, M ID/freq (Cucura)
- 2340 PNG R W. New Britain; 1057-1125 PD M, tlk, chants, ID, TC and drums at 1100, China underneath (Lattemann, Fisher)
- 2370 FALKLAND IS. FIBS; 0008-0013 EG nx by M, bells/chimes, BBC WS ID, march mx, 0014 nx; f (Sztot-BRAZIL)
- 2376T PNG R Chimu; 1116 lang, chants (Lattemann)
- 2420 BRAZIL R Sao Carlos; 2301-2304 US disco, furniture store ad, ID (Sztot-BRAZIL) 0038 PT M ID, vocals (Cucura)
- 2428 PNG R New Ireland; 1043-1200 PD, drums, ID/TC, harp and ukelele mx, nx, numerous ments. of Philippines (Hardester, Lattemann, Fisher) Thanks for the note and Kenya QSL copy Mike... TK
- 2450 BRAZIL R Cultura Aracatuba; "vai Embora" by Benito di Paula till 2308, ID, calls (ZYK 543 1340 kHz, ZYG 854 2450 kHz) (Sztot-BRAZIL)
- 2468T PNG R N. District; 1203 lang, vocals, weak at Seattle dawn (L'mann)
- 2480 BRAZIL R Clube Ponte Para, Rondonopolis; 0013 ID by M (Sztot-BRAZIL)
- 2490 BRAZIL R Educ. Rural; 0108 accordians, birthday wishes (Sztot-BRAZIL)
- 3020H USA KGA-Spokane, WA; 1228 EG frisbee fly-away promo, 2x1510, usual 10570H not noted (Hardester 7-11)
- 3205 BRAZIL R Riberao Preto; 2335-0130 PT vocals, ID/TC, "caipira" (hilibilly) mx (Sztot-BRAZIL, Braga, Reitz, Glikman)
- 3205 PNG R W. Sepik; 1211 EG nx, C&W mx, p (Lattemann)
- 3215T SULAWESI RRI-Menado; 1037 lang M&W, instr mx, tlk, p (Lattemann)
- 3220 PNG R Morobe; 1214 PD M, rhythmic chanting, moderate UTE (Lattemann)
- 3225 BRAZIL Lins R Clube; presumed, tlk by M in PT, vocals, no ID but definitely PT (Radcliff 7-6)
- 3225 VENEZUELA R Occidente; 0055-0201 SP local mx, ID/TC (Moore, Cucura)
- 3240 SWAZILAND TWR; 0457 EZL mx and tlk in some African lang. 0458 ID by W in lang; EG 0459 on 3200 (Sztot-BRAZIL)
- 3245T PNG R Gulf; 1218 lang, chorus, QRN (Lattemann)
- 3255 LIBERIA ELBC; 2330-2345 EG live bdcst frm airport (Moore)
- 3260 PNG R Mandang; 1045-1139 PD M, pop and instr mx (Moore, Lattemann)
- 3275 BRAZIL R Dif. Caceras; Pope's progress in Brazil till 0515, song, PT M ID (Sztot-BRAZIL)
- 3275T PNG R S. Highlands; 1044-1115 lang M chants, talk, island mx, poss. nx 1115 (Lattemann, Glikman)
- 3275 VENEZUELA R Mara; 0330 SP, LA mx, ID, NA, off (Holland)
- 3280 ECUADOR LV del Napo; 1031 SP, folk mx, p (Fisher)
- 3284 BELIZE RB; 0115-0410 EG/SP, Hurrican Allen noticias, Platters songs, ID/TC, g (Bolland, Holland, Pyatt) Thanks for note Sr. Bolland... TK
- 3280 MOZAMBIQUE RM; 0348-0402 vern M, tlk, Afro mx (Cucura) out of order
- *3290A MALAGASY REP. RM; 0315-0346 f/o, distinctive Afro-jazz w/ sax/drums, quite good 0330, M "R Malagasy..." (couldn't get rest), then FR tlk until f/out (Greenwood 8-8)
- 3295 BRAZIL R Iguatemi; 1458, promo for Agri Dept, gasahol (Gasalcool) T500, M ID into evangelical pgm (Sztot-BRAZIL)
- 3300 GUATEMALA TGNC; 0131-0405 SP, EG rel pgming, ID, s/off (5 reporters)
- 3322.5 PNG R N. Solomons; 1130-1221 PD, ID/TC, nx, disco (Moman, Fisher, Lattemann)
- 3325 GUATEMALA R Maya; 1046-1050 SP, ID/TC into organ solos, vg (Reinstein)
- 3335 BRAZIL R Alvorado; 2325 TC, MEC (Ministerio de Educacao e Cultura) ad, store w/ "liquidacao final", mx (Sztot-BRAZIL)
- 3335 PNG R E. Sepik; 1036-1245 PD tlk, ID/TC, C&W and pop mx, island mx, dedications (Krause, Moman, Lattemann, Fisher)
- 3345 MALUKU RRI-Ternate; 1118-1122 IN W nx, mx, silence 1121, W ID as "R Indonesia Ternate" and orch mx (Poppin-OR)
- *3355 NEW CALEDONIA R Noumea; 1126, FR, US pop mx, lite rock, UTE QRM 777170 and 771710; could not hear 9510, f (Moman 6-28)
- 3360T PNG R Milne Bay; 1018 lang, assorted pops intorduced by M, island mx and chants from 1102 (Glikman)
- 3365 BRAZIL R Araraquara; 1515 futebol PT vs. Angola (Sztot-BRAZIL)
- 3375 ANGOLA R Nac.; 2355-2400* PT talk by M, NA, off (Greenwood, Braga)
- *3375 BRAZIL R Nac. de Sao Gabriel; 0915-0945 PT, accordion mx, IDs (Klein) 0343-0403* PT way down deep in the static w/ contemp. mx several IDs, none of which was clear until I filtered the tape; no NA s/off (Bishop 7-28) 0922 PT, Brazilian folk mx, clear ID 0935 (Cunningham) 0910 instr mx, PT M ID 0917, f (Braga)

- 3380 ECUADOR R Iris; 0324-0339* SP ballads, ID (Gliksman)
- 3380 GUATEMALA R Chortis; SP 1122, mx, W vocal, ID/freq and accordian mx and harmonizing singers (Poppin-OR)
- 3385 NEW BRITAIN R. E. New Britain; 0830 island mx, covered by Cayenne 0845 (Braga) 1227 (Lattemann, Moman)
- 3385 FR.GUIANA FR3; 0900 s/on w/ time tones, FR ID by M, NA, nx, pop mx (Gliksman, Braga)
- 3395 VENEZUELA R Universidad; 0405 SP, LA mx, ID, f (Holland)
- 3400 CHINA PLA-Fuzhou; 1134 CH W singing pops (Lattemann)
- 3427 IRIAN JAYA RRI-Manokwari; 1137 IN W, C&W, g (Lattemann)
- 3480 BOLIVIA R Padilla; 0135 SP, LA tunes, M t1k w/ ID 0145 (Cucura)
- *3522 VANUATU R Venerama, Santos Island; 1020 EG/PD, the rebel station, popular old songs, political cmtry in EG/PD; ancd arrival of marines (Greenyer-NEW ZEALAND 7-25)
- 3600H CUBA V of Cuba; pgm 1052-1100 in EG // 5400H (fund. 600 kHz) (Reinstein 7-23)
- 3860 USA (PIRATE) unid 0630-0649* 8-10, rock, anmts by 2 computerized sounding M voices (run through a synthesizer?), one anmt began, "Hello earthlings..." IDs impossible due to QRN. Poss. ment of NY; good audio, seemingly professional operation (Bares)
- 3905 ADMIRALTY IS. R Manus; 0944-1119, PD/lang, island mx, tone 1000, s/off 1303* (Fisher, Krause, Gliksman)
- 3945 VANUATU R Vanuatu; EG, ID 0828, nx, only 80m sta. on band; 7260 was much better (Moman) My QSL finally arrived from them today... TK
- 3955 ENGLAND BBC; 0350 GM nx, g (Bolland)
- 3980 GERMANY, w. VoA 0354 EG ID, nx/mx, f (Bolland)
- 3985 ECUADOR Esc. R. Pop; 0225-0240 SP M, folk mx, f (Bolland)
- 3995 GERMANY, w. DW; 0120 GM light mx, IS/ID (Alexander)
- 4000 CAMEROON RC; 0504 end of EG nx, clsc1 interlude, FR nx (Szot-BRAZIL)
- 4004 USA (PIRATE) R Indiana; 0401-0407* EG, repeated IDs by M, buried in UTE w/ freqs, then "Auf Wiedersehen, goodbye" and tnx to gh's tip on DX Digest. Also hrd*0459-0508* and 0602-0609 IDING as Voice of Indiana (Cunningham 7-4) why not "auf wiederhören"... TK
- 4010 CHINA Xilin; Mongolian 1129, quick tempo orient mx, W alternating, words "An Gee Bee Dahn" gave me ID (Poppin-OR)
- 4120 KOREA, N. VoPR; 1148-1201 W Korean t1k, piano, slow band; their theme is "Wm. Tell Overture" (Poppin-OR)
- 4696T BOLIVIA R Riberalta; 0328 SP ballads, amt 0330, f (Gliksman 7-30)
- 4719 CELEBES RRI-Ujung Pandang; 1100 IN M&W, vocals (Henrich, Fisher, Gliksman)
- 4719 UNID 1024 SP, slow ballads, "Mex. Hat Dance" mx, UTE (Reinstein) Just the Cuban MW harmonic, no doubt... TK
- 4722M BOLIVIA R Abaroa; 0204 SP hrd w/ ballads and occasional instr. pieces to 0320 t/o; sev. clear IDs, g except for static (Bishop 8-4)
- 4760 VENEZUELA R Frontera; 0255-0300* SP full ID/calls/power/QTH. "my buenos noches" NA, off (Reinstein 8-1) *0958 marimba/MoR till 1006, NA, IDs, more of anthem, talks in SP. Owe this to Lazarus, Klein, Jones in Mid-July Update! Tnx guys! (Cunningham 7-22)
- 4765 BRAZIL R Nac. Cruzeiro do Sul; 0250-0432* PT, PT pops, many IDs, QRM at least one other (Novello, Jordan)
- 4766.5 ECUADOR CRE; 0415 SP, instr HC mx, anmts, NA, off (Lattemann)
- 4770 NIGERIA FRC-Kaduna; 0510 EG long talk on Muslims, ywo IDs, xlnt at first, fading badly by 0550. Passing thought -- coul' this station's activation have been the motivation behind ELWA's move to 4765? (Cunningham) Could be, though I doubt Samuel Doe really cares... TK
- 4770 VENEZUELA R Mundial Bolivar; 0210 SP, ads, ID, pops (5 reporters)
- 4777 GABON RTVG; 0004* FR, hiliFe, IDs, Afro pops (6 reporters)
- 4780 VENEZUELA LV de Carabobo; 0915 SP, "musica de YV en LV de Carabobo" coming in well -- on early! (Klein 7-28)
- 4783 UNID 0620 M, native flutes, faded, no listing (Kowalski) Mali... TK
- 4800 VENEZUELA R Lara; 0200 SP, ads, ID/TCS, SP pops (6 reporters)
- 4800V ECUADOR R Pop. Ind.; SP ID (R Pop.), TC, HC mx 0934 (J. Jones)
- 4805 BRAZIL R Amazonas; 0223 xited PT M, ID, p in het/QRN (Radcliff)
- 4810 GALAPAGOS IS. LVdG; 0200 SP, vocals (Pyatt)
- 4815T BRAZIL R DiT. Londrina; 0200 barely thru het, PT M, no ID (Radcliff)
- 4815V COLOMBIA R Guatapuri; 0200-0435 SP, LA mx, ID/TCS, hot verion of "Tequila" (Lattemann, Posporelis)
- 4820 ECUADOR R Paz y Bien; *0924-0945 NA, ID, sked (SW only till late afternoon when joined by MW) QRN (J. Jones, Greenwood)
- 4820 HONDURAS HRVC; 0200-0425 SP/EG rel pgming (Archer, Holland)
- 4825 GUATEMALA R Mam; 0300* SP, marimbas, t1ks, orch mx, ID, off 0300 (Thompson) Holland)
- 4832 COSTA RICA R Reloj; 0300-0705 SP sports, ID/TC, SP pops (Alexander)
- 4845 BOTSWANA RB; 0410 Setswana/EG M t1k, lcl vocals, 0500 ID, EG nx into Afro vocals (Cucura)
- 4845 COLOMBIA R Bucaramanga; 1000-1010 SP, ID, LA mx (Posporelis)

- 4845 MAURITANIA RN; 0600+ AR/lang, chants/hilife, IDs (6 reporters)
2310 (Cucura) 1945-2115 FR/AR, mx, ID, UTE (Clifford-W. GERMANY)
- 4845 MOLUCCAS RRI-Ambon; 1040 IN, nice lcl mx, M between selections,
(Klein)
- 4850 CAMEROON Yaounde; 0500 EG nx, ID 0506, recordings (Greenyer-NZ)
- 4850 SURINAM SRS R; 0300-0415 DT pop pgm (Reynolds, Minor) 0945 DT,
back after a sojourn to 4950 for a few days (Klein)
- 4855RFX COLOMBIA R Neiva; 1020 SP M, ID/TC, usual style mx (Klein) 0940
(Greenyer-NZ) 0955 (Cunningham) 0135-0430 (Jordan, Moore)
- 4860 PERU R Chinchaycocha; 0505-0735 wild huaynos, flutes, drums,
SP M, ID x3, QRN (Greenwood, Jordan)
- 4870 BENIN LVR; 0515 lang, child choir in "Internationale" foll by
chants and singing to drums, M (Brouillette)
- 4870 ECUADOR R Rio Amazonas; 0227-0320 SP, dialog, LA pops w / rock
beat, ID finally after 5 songs (Reinstein, Jordan)
- 4875T BRAZIL R Jornal do Brasil; 0050-0112 PT pops, nx/cmtry pgm, ments
of Rio and I think the Pope (Gliksman)
- 4875 COLOMBIA R Super; 0145-0615 SP, clscd and SP pops, ID/TCs, nx
by M (Alexander, Pyatt, Holland)
- 4880 VENEZUELA R Universo; 0445 SP, IS, chimes, ID into nx (Minor)
LA mx, amts, ID (Alexander)
- 4885NF BRAZIL R Cl. do Para; 0830 PT clear singing ID, many ads, usual
pgm, Acreana poss. underneath. Ex-4855 (Klein)
- 4890 PNG NBC; 1013 EG, US pops, M w/ IDs in nice (Archer)
- 4895 BRAZIL R Bare; 0841 M enjoying a long laugh, into PT pops, ID
0910 (Radcliff)
- 4895 SARAWAK RM-Kuching; 1207 lang W, ID as "RM Kuching" and tlk by M
ID 1213, interview (Fedor) 1300 lang ID, nx by W (Greenyer-NZ)

KEVIN SZOT: (think that's your first name?) can you provide info on the Brazilians on 3410V and an UNID I've heard on 3567? Would be much appreciated.

WANTED: does anybody out there happen to have old Apple records in mint or near mint shape they don't want or would sell, particularly Post-Beatle John, Paul, George & Ringo 45 rpm's? If so let this LR-A ed. know!

Alls Über NASWA,
Terry

NOTICENOTICENOTICE

Bad Guys Meeting on October 12 at Peter Schipelliti's house at 31 Beaverbrook Road, Burlington, MA 01803. All are invited. Starts at 1:00 pm till whenever. Food and drink for \$2.00. A good time is promised for all that attend. For more details call (617) 272-3142.

FOR SALE: Galaxy R-530 receiver with speaker and manual. Also a Gilfer A20 Freselector modified for 3-16 MHz operation. Price \$420 includes prepaid UFS. Al Drehmann, 11714 SW 129 Ct., Miami, FL 33186. Phone (305) 274-3843, not collect, please. I am proud owner of new Drake R7!

FOR SALE: Panasonic RF-4900, only 4 months old, with manuals and original box. Price \$375. Also Sanyo RF8880 9-band portable SW receiver. Price \$195. Both receivers in mint condition. Prices include free delivery. Mel Ragucci, 215 Tiki Drive, Merritt Island, FL 32952. Phone (305) 452-2502, not collect, please.

FOR SALE: Panasonic RF-2900. Mint, unmodified. Price \$175 or best offer. Richard Steck, Box 642, Lake Forest, IL 60045.

FOR SALE: Realistic DX-160 only 1½ years old and in excellent condition. Comes with original speaker with an extra long cord. Price \$100. Also, I will buy a 10,000 kHz crystal for my Hammarlund SP-600. Jerry Johnston, 3336 Carriage Lane, Lexington, KY 40502. Phone (606) 272-4413, not collect, please.

log report

section

4900-6199

B

STEVEN WISEBLOOD

- 4900 VENEZUELA R. Juventud: 0130-0345 US top-40 rock mx, M ancr in SP (Reynolds, Jordan).
- 4905 BRAZIL R. Relogio: 2340 readable thru the QRN w/time pips (Braga 7/31).
- 4910 ECUADOR Em Gran Colombia: 0045 futbol game, UTE QRM after 0100 (Bishop-PA 8/4).
- 4910 ZAMBIA ZBS: bird call IS, NA, nx & lcl mx. Fair-Poor (Krause 7/28). time? assume 0345-S
- 4915 BRAZIL RN Macapa: 0620 M in PT w/tlk, ID thru QRN. P-F (Holland-NY 7/29).
- 4915 BRAZIL R. Anhanguera: 0004-0100 Assorted PT pop mx, many ID's (Gliksman 7/27).
- 4915 GHANA GES-Accra: 0530-0605 tlk in Vernavulaers, tribal mx, EG nx @ 0600 (Krause, Radcliff)
- 4920 AUSTRALIA ABC: 1212-1225 EG nx, sports results, TC's, jazz mx. F-G (Poppin-CA, Moman-AT).
- 4920 HONDURAS R. Progreso: 0407-0419 M ancr in SP, LAM mx, ID, tea ads (Cucura 7/20).
- 4920 ECUADOR R. Quito: 0415-0435 M in SP w/amts, LAM & lcl indian mx, ID's (Samuel 7/27).
- 4925 MOZAMBIQUE Maputo: 0430 M ancr in PT, lcl drum & chanting mx. Fair w/QRN (Klein-FL).
- 4925 EQUATORIAL GUINEA Rio Muni: *0430 NA, S/on w/SP amts. Good! (Braga 7/30).
- 4930 DOMINICAN REPUBLIC R. Mil: 0600-0645 light MOR SO & LAM mx, SP amts & ID (Alexander 8/5)
- 4934 KENYA VoK: *0300 S/on amts w/definite ID, faded out by 0320 (Braga 7/26).
- 4935.7 PERU R. Tropical: 0940-1030 Campesino mx, vocals w/acoustic guitars, long ad string @ 1012, nice rustic Peruvian vocal mx, difficult to pick ID out of the QRN (Klein, Reinstein)
- 4940 VENEZUELA R. Yaraucuy: 0625 LAM mx, ID thru heavy QRN P-F (Holland-NY) Not RTVI?
- 4940 IVORY COAST RTVI: 2310-0003* Classical mx, lcl Afro mx, Closing amts by M in FR @ 2358, pgn sked, fqs., two ID's & NA @ 0002. Xlnt!(5 reporters): 0605 Fair w/pop mx (Krause).
- 4945 COLOMBIA R. Colosal: 0310-0900 LAM pop mx, ID's, TC's, SP nx (Posporelis, Archer, Reitz).
- 4950 SURINAM SRS/Apintie: 0830-0905 apparently only here for a few nites w/subcontinental Hindi pgn featuring Indian folk mx, ads in Dutch. (Lobdell-MA, Klein-FL). I won't attempt to outguess the reporters on this one! Klein assures me that its SRS, Lobdell says he heard an ID for Apintie. Signal strength in Florida indicates SRS rather than Apintie. I hope to have conclusive evidence by next month! -ScW
- 4950 SARAWAK RM-Kuching: 1224-1240 CH tlks, time pips, CH vocals & instrumental mx, in EG prior to 1230 w/tlk by M&W on world affairs. ID. Fair (Moman-AT, Thompson-NM).
- 4952 PERU R. Madre de Dios: 0339 instrumental guitar & banjo mx, ID @ 0400. F-G (Radcliff-IL)
- 4955 BRAZIL R. Cult Campos: 0315 nonstop vocals until tlk by M in PT @ 0345, ID (Radcliff-IL)
- 4960 VENEZUELA R. Sucre: 0031-0048 "Noti-Rumbos" nx in SP //4970, LAM mx (Cucura).
- 4965 COLOMBIA R. Sta. Fe: 0450-0528 ancient SP ballads, ID thru QRN, TC's (Brouillette, Holland)
- 4965 HONDURAS R. Landia: Likely the one here @ 2200 w/LAM pop mx, request pgn, PSA's for Honduran medical clinics. (Williamson-Guatemala 7/12).
- 4980 VENEZUELA Ecos del Torbes: 0145-0310 M ancr in SP, many ID's, TC's, horse race results light LAM pop mx, ads. Good (Grishin, Sellers, Archer).
- 4985 BRAZIL R. Brasil Central: 0445-0507 local vocal mx w/guitar accompaniments, Two M ancrs in PT with a variety talk show, ID & fqs by a W in PT @ 0505 (Brouillette, Holland).
- 4990 NIGERIA FRC: 2243+ Live coverage of a tribal dance in Lagos! (Clifford 7/12).
- 4990 VENEZUELA R. Barquisimeto: 0145 lcl pop & disco mx, ID's & TC's by M in SP (Reitz-KY).
- 4995.8 MONGOLIA Ulan Bator MPR: 1231-1301 operatic type song by a baritone, alternate tlk in MG by M&W, symphonic orchestral mx & chime like mx between tlks. Radio play @ 1300 (Poppin)
- 5000 JAPAN JYJ: 1220 ID by W w/CW ID's u//WVH//WV. Fair-Good (Moman-Alberta).
- 5004.5 EQUATORIAL GUINEA R. Ecuatorial: 0424-0435 light instrumental mx, SP amts (Earhart-Pop).
- 5005 MALAYSIA R.M.-Sibu: 1218 interview pgn in lang., roosters crowing in background (Fedor-CA)
- 5010 PERU R. Eco: 1000-1019 ID's, siren sounds, US pop mx/LAM mx, screaming ancr (Gliksman).
- 5010 COLOMBIA R. Surcolombiana: 0405-0415 M in SP w/amts, TC's, ID's, ballads, QRN (Jordan). 0928 "Escuchan R. Surcolombiana" & "Emisora Caracol". Good-Vy. Good (Jones-MS 7/22).
- 5010 CAMEROON R. Garoua: 0438-0450 Holy Qu'ran chants, ID, FR nx @ 0400 (Radcliff, Krause).
- 5020 SOLOMON ISLANDS SIBC: 0740-1015 US & British rock mx, M ancr in EG w/TC's, ID's, relay of R. Australia nx @ 0800. Good but horrible QRN & terrible UTE QRM (5 reporters).
- 5025 PERU R. Quillabamba: 0020 tlk by M in SP, light instrumental mx. Fair (Radcliff-IL 7/14).
- 5025 BRAZIL R. Borborema: 0428-0430* eerie-sounding vocal mx, clear ID, PT amts (Brouillette).
- 5030 VENEZUELA R. Continente: 0150-0250 LAM pop mx, M ancr in SP, ID's (Alexander, Earhart). 1000 apparently an early morning nx pgn w/two M in SP, ID's. Fair (Archer 7/19).
- 5040 VENEZUELA R. Maturin: 0350-0359* tlk by M in SP, LAM pop mx, ID, S/off amts, NA (Jordan).
- 5044 WEST IRIAN RRI Wamena: 1050 Indo songs, 1100 "Song of Coconut Island", IN nx (Behr 7/8).
- 5045 CUBA RMWS: 1010-1035 EG nx on the Olympics, Xlnt & //600, 9600 (Krueger 8/2, Bares).
- 5045 BRAZIL R. Cult do Para: 0100-0302* Nice ballads, M ancr in PT (Gliksman, Alexander). 0700+ A weak Brazilian often noted here at this time period making Cook Islands very difficult indeed (Greenwood 8/8). 0725 Brazilian vocals, ID, M ancr in PT F-G (Holland).
- 5046.5 TOGO ET: 2310-0004* lcl Afro highlife mx, chimes @ 0000, brief nx by M in FR. S/off amts, military band national anthem (Alexander, Bolland, Gliksman, Archer). *0525-0555 chime IS. NA, M in FR w/ID & S/on amts, into group singing (Pyatt 7/20, Archer, Moman-AT)

- 5052 SINGAPORE RS: 1230 TC, ID by W, Cricket match in EG. Fair (Moman-Alberta).
- 5055 BRAZIL R. Maua: 0010 lite pop mx, ID @ 0021, mention of Rio de Janeiro (Moore 7/16).
- 5061 ECUADOR R. Nacional Progreso: 0510 tkl by M in SP, Andean mx (Alexander 8/4).
- 5075 COLOMBIA R. Sutatenza: 0100-0152* nx by M in SP, many ID's, ads (Archer 7/16).
- 5095 COLOMBIA R. Sutatenza: 1002 ads, stm promo's, tkl on the economic situation (Sellers).
- 5882 ARGENTINA R. Rivadavia: 0115 tkl by 2 M in SP, ID's & fqs. Very Strong (UnID).
- 5900 CHINA PFBS-1: 1306-1309 CH vocalists, tkl by W in CH //5265 (Fisher-AT 7/26).
- 5930 CZECHOSLOVAKIA R. Prague: 0400-0430 M in SP w/nx of Lam, Sam Svc (Bolland 8/11).
- 5945 AUSTRIA ORF: 0130-0134 EG nx, ID by M, Austrian nx. Fair //9770 (Kruszka,Grishin,Archer).
- 5949.5 NICARAGUA LV de Nicaragua: 0038-0302* M ancr in SP, Lam mx, political nx by M&W w/ tkl on the Sandinista's. Many political slogans during the first anniversary celebrations on the ousting of Somoza. Excellent w/het (7 reporters).
- 5950 GUYANA GBS: 0334* S/off proceedings in EG, The Pledge of Allegiance, NA (Novello). 0734-1000 solo guitar solo, IS repeated until 0756, orchestral theme, 0759 ID, fqs., TC., into Hindi pgm w/chanting, Indian mx, M ancr w/British accent (4 reporters).
- 5955 COLOMBIA LV de los Centauros: 0959-1100 Lam vocal mx, ads, ID's (Greenyer-NZ, Lang, Moman).
- 5960 CANADA RCI: 0000 EG nx, DX Digest, promo for ANARC show (Archer 7/21).
- 5965.t PAPUA-NEW GUINEA Mount Hagen: 1156 tkl in pidgin w/GRM from a cochannel SP stn, not Malaysia as they arn't suppose to S/on until 1630! (Hardester-CA).
- 5965 BRAZIL R. Guaiaba: 1002-1016 long nx pgm in PT, time pips @ 1015. Brazilian mx (Reinstein)
- 5970 PERU R. El Sol: 0258 M in SP w/ID's, TC's, Instrumental mx, Good (Radcliff-IL 6/29) 0520-0529* Two M ancrs in SP w/nx, amnts, ID, fgy & amnts, S/off amnts, brief anthem (Jordan) 1035-1102 Lam pop mx, Rock mx, many ID's, SP amnts, nx. Fair (Glikzman, Reinstein).
- 5980 TAIWAN Voice of Asia: 1000-1200 clear ID's, usual programming in EG/CH (Hardester-CA).
- 5980 GUATEMALA TOMIA-AWR: 0455 "Quiet Hour" religious pgm, ID, requesting reception reports, S/off amnts in EG, long NA by a chorus. Good (Moman-AT 7/12).
- 5980 SIERRA LEONE SLEBS-Freetown: 2355-0000* choir singing "Hallelujah", sermon. Good (Archer).
- 5980 SOUTH AFRICA R. RSA: 0200-0222 ID, EG nx, Mailbag & Conversation Corner (Buegler, Earhart).
- 5985 ARGENTINA R. Splendid: 0104 full ID, Lam mx, annod //11880, 9470, but only 5985 heard (Behr)
- 5985 MEXICO RM: 0137 EG "The Mexican Hour" Travelog, tour of Mexican coastal towns (Jones-MS).
- 5995 AUSTRALIA RA: 1030 Australian pop mx, "Waltzing Matilda", ID. Fair (Holland-NY).
- 6000 BRAZIL R. Inconfidencia: 2325-0148 Brazilian mx, US pops, ID, tkl by M in PT, lcl amnts, AM & SW fqs (Reitz, Sellers, Radcliff, Fisher-AT). 0805-0820 Brazilian instrumental & vocal mx, lcl pop mx, M ancr in PT w/ID & TC, into religious pgm @ 0840 (Lattemann, Klein).
- 6005 CANADA CFCX-Montreal (Quebec): 2207-1735 Expo's bsbl, ID, nx, sports, wx (Sellers, Lang).
- 6012 ANTARCTICA APAN-McMurdo: 1035 tentatively the one here with pop mx & tkl, signal too poor to ID the lang or the stn. Faded by 1035 (Lobdell 8/5). 1120-1200 US pop songs & EG amnts, heard to 1200 f/out, in often here in Central Canada w/Full carrier USB (Behr-ON)
- 6015 VATICAN STATE VR: 0100-0115 EG nx w/ tkl on the spirit of the church. Good (Browne).
- 6015 BRAZIL RC Pernambuco: 0819 lively vocal mx, PT tkl, heard over Mira (Radcliff-IL 7/8).
- 6025 MALAYSIA RM-Kuala Lumpur: 1143 instrumental mx, CH tkl, ID @ 1200, into nx (Fedor-CA).
- 6035 BRAZIL R. Globo: 0055 futbol game play by play, sirens, whoops & ID's (Reitz-KY).
- 6045 AUSTRALIA RA-Lyndhurst: 1110 ending EG world nx to the S.Pacific, TC. Poor (Sellers).
- 6050 NIGERIA FRC-Ibadan: 0535-0550 M in EG w/nx, ID, Afro tribal mx (Jordan 8/6, Greenwood).
- 6060 ITALY (Sicily) RAI: 2205-2305 Italian mx, piano & blues mx, nx in IT & EG @ 2300 (Clifford)
- 6070 CANADA CFRX-Toronto (Ontario): 2115-2233 US pop & EZL mx, ads, EG nx, wx, energy saving tips, supermarket tips & travel ads. ID as "CFRB" (Brissett, Brouillette, R Hoffmann). 0709 end of nx in EG, ID into EZL instrumental mx. Fair w/QRN (Klein 7/12). 1703-1726 CFRB-ID's, EG nx, wx, pop mx, audible in PA thruout the day. Good (Lang 8/9).
- 6070 SWAZILAND TWR: 0425 Usual religious pgm in GM, into EG @ 0430 (Braga).
- 6075 COSTA RICA R. Rumbo: *1000-1101 M ancr in SP w/canned ID's, "Musica Ranchera", into pop Lam mx. Good! (Klein-FL, Jones-MS 7/19). Can anyone outside the South here this?-ScW
- 6080 CANADA CKFX-Vancouver (BC): 0916 C&W pop mx, tkl by M in EG, "Super Country" (Radcliff-IL)
- 6085 COLOMBIA R. Vuper de Cali: 0800-0900 Lam pop mx, SP amnts, ID's, Caracol network promo, full ID @ 0900 w/fqs (Greenyer-NZ 7/18, Lattemann-WA 7/6, Lang 8/5, Alexander 8/5).
- 6090 LUXEMBOURG RL: 0118-0152 US & British pop mx, British sounding dj, bad QRN (R Hoffmann).
- 6100 MALTA R. Deutchewelle: *0119 S/on in EG w/site ID, into World nx (D'Angelo-PA 7/29).
- 6100** NICARAGUA R. Hernandez Cordoba: 2000 ID, Lam & Mexican folk mx, pop mx (Williamson-GUAT.)
- 6105 NEW ZEALAND RNZ: 0945-1100 "Saturday Scrapbook", old favorites, W ancr in EG, nx from the national network, TC's, //11945. Good! (Zilmer 7/28, Lang 8/6, Glikzman 7/8, Moman-AT).
- 6105 BRAZIL R. Clube: 0805 M ancr in PT, ID, TC, QTH, calls, fqs., Accordion mx (Klein-FL).
- 6120 VENEZUELA R. Angostura: 1005 Two M ancrs in SP w/nx, chimes between stories (Klein-FL).
- 6120 ARGENTINA R. El Mundo: 0100 ID, SP nx, tango mx. Good w/BEC off (Behr 7/28). 0905-0935 Two Men alternating w/nx, ID's. Poor-Fair (Greenwood-PA 7/28).
- 6130 CANADA CHNX: 0905 Sports nx, ads, battling it out w/HCBJ (Radcliff-IL 8/17).
- 6130t LAGS Vientiane: 1135-1201 Assorted traditional songs & chants, M ancr in LL (Glikzman).
- 6140 AUSTRALIA VLW6: 0952-1110 M ancr in EG w/ABC nx, wx warning, horse racing results, nx of local and national interest. Fair-Good (Moman-Alberta, Klein-FL 8/1).
- 6150 COLOMBIA LV de Huila: 0725 Lam mx, ID's, TC's (Alexander 8/5).
- 6150 AUSTRALIA VLR-6: 1101 brief nx headlines in EG. Poor-Fair (Moman-Alberta).
- 6160 CANADA CKZU: 0830 M ancr in EG w/headline roundup, CBC ID's, into a tkl pgm. F (Klein-FL).
- 6165 MEXICO LV de America Latina: 1041 "XEW" ID's, Mexican pop mx. Fair-Good (Jones-MS 7/25).

- 6165 SOUTH KOREA RK: 1035 Heard the "R. Korea" EG pgm here on 7/30, can't they make up their minds? Very Good signal! (Klein-FL 7/30). Guess their 100kw xmtr does the job-ScW
- 6170 COLOMBIA LV de la Selva: 0950 ballads, some ranchera mx, M ancr in SP, ID (Klein-FL).
- 6175 PERU R. Tawantinsuyo: 1045 in clear as a bell this day w/nice ballads, M ancr (Klein-FL).
- 6175 MALAYSIA VoM: 1122 Indonesian vocal mx, brief tlks by a M, ID & nx @ 1130 (Pedor-CA).
- 6180 GUATEMALA R. Nacional: 0403 M ancr w/ID, chimes, organ mx. Good! (Moman-AT 8/12). 0849-1115 ID in EG as "TW-The International Service of the Voice of Guatemala", gave MW, FM & SW fqys., Broadcast for Guatemalans abroad & for freinds of Guatemala. Requests for Reception reports. EG cmntry @ 1038 on how the facts of physical science undermined the power of the aristocracy-Galileo. ID in EG @ 1049 & said that they would continue the talk same time, same channel, next day. Tones like the old radio N-B-C network, SP ID and into the usual fare of Marimba mx (Sellers 8/4, Lobdell 8/5, Jones-MS 7/29).
- 6185 MEXICO R. Educacion: 1040 Mexican jazz to 1045, canned ID's, SP armts. F w/QRN (Klein).
- 6190 VENEZUELA Ecos del Torbes: 1220-1235 SP nx pgm, ads, ID's, TC's, Good! (Krueger 8/5).
- 6195 SINGAPORE BBC: 1030 World Service pgm w/nx, Surprisingly Good! (Klein-FL 8/3).
- 6195 CANADA CBCNS: C&W mx, wx, ID & address given for reception reports (Bodle 7/23).
- 6195 NIGERIA FRG-Sokoto: 0525-0535 Afro choral mx with a male lead vocalist, exotic instrumentation with native chants. M ancr w/tlk in vernaculars, ID. Very Poor (Jordan 8/6). Thus, another LR-B is complete. September is traditionally the start of the low band DX season. So try to get your reports to the distribution editor by SEPT. 12th! I hope to be able to fill 4 pages next month, and I can with your support! I'll be able to do a little DXing of my own during early September, so perhaps I'll have a couple of reports. In current events, I hope to take my GENERAL CLASS exam & code test during early SEPTEMBER. I am currently a novice, KA6IED. That's all for now. 73's Steve
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FOR SALE: New/unused JVC Model 3060 AM-FM-TV cassette recorder. Runs off AC-DC or car cigarette lighter outlet (12v). Counter and automatic turn-off. Price \$300. If interested send letter or card to Mike Hardester, 574 Deer Springs Road, San Marcos, CA 92069.

FOR SALE: Panasonic RF-4900 communications receiver with Gilfer modification. Unit is absolutly mint with carton, instructions, etc. Will ship prepaid for \$400 firm. Baron Von Thoma, 6222 Lewis Avenue, Apt. C, Toledo, OH 43612. Phone (419) 478-5140 or 475-6464 evenings.

FOR SALE: Sony ICF-6700W with all-band digital readout and 4.0 kHz filter modification. Great audio; excellent condition. Carton and manual included. Price \$265. Malcolm Kaufman, 244 Fieldston Terrace, Bronx, NY 10471.

FOR SALE: Palomar Engineers VLF Converter, little used. Asking \$30.00. Robert Fraser, P.O. Box 501, Cohasset, MA 02025.

FOR SALE: Yaesu FRG-7 with 4 kHz Gilfer filter and AVC mods. \$250 via UPS. Harry Helms, 1100 One Tandy Center, Ft. Worth, TX 76102.

FOR SALE: (1). Hammarlund HQ 145A with new tubes. (2). Hammarlund HQ 150. Both receivers in first-class condition and both have manuals. Asking \$225 for the pair. I will deliver within a 100 mile radius of Laurel or purchaser pays UPS. Melvin E. Smith, 192 Charlotte Road, Laurel, MD 20810. Phone (301) 776-9802.

FOR SALE: 1 RAK Listeners 3 Double Dipole Antenna. New, never used. Price \$30 or will swap for best offer. Bob Wirrell, 85 Stillman Avenue, Brockton, MA 02403.

FOR SALE: FRG-7000 in excellent condition. Modified to use narrow SSB filter on AM (ANL in back). Also nice homebrew antenna tuner. Must sell at \$450 or best offer. Will ship UPS. Bob Weinstein, 203 Lucerne Way, Lafayette, CO 80026. Phone (303) 665-2421 from 2300 to 0330.

FOR SALE: R390/URR receiver, operating but needs some work. Manual included. Price \$150 or best offer. No shipping but will deliver anywhere in Bay Area or vicinity if requested. Bob Hill, 1621 Redwood Avenue, Redwood City, CA 94061. Phone (415) 367-9388 (home) or (415) 361-4177 (work).

FOR SALE: FRG-7000, 1 1/2 years old, excellent condition. Modified to switch filters independently of mode and ANL, outboard variable RF gain control (exactly as in FRENCH Feb. '79 and Sept. '79). Firm price \$450. Phone (913) 843-3484 2300-0300 GMT. No collect calls, please. Robert Rankin, 920 Rockledge Road, Lawrence, KS 66044.

log report section

6200-11699

PETER SCHIPELLITI

31 BEAVERBROOK ROAD BURLINGTON, MASS 01803 or phone after 2200 GMT up until 0400 GMT. 617 272-3142. Back to my Engineering Science courses in early September, tho I do have a 'lite' semester.

**** The BAD Guys- Boston Area DX'ers- will meet at my place on October 12, 1980 at 1 PM. This date is a change from Sept. 14'th. A two dollar donation would help to offset the cost of food and beverage. Anybody with an interest in Shortwave or Amateur Radio is invited to attend. For more info or directions call me as soon as possible. Hope to see you here in Burlington, MA.****

- 6207T **W. IRIAN** RRI Biak; 1113-1118 LL, Island Mx w/ OM anncr (Gliksmen 7/19)
- 6220V **ANDORRA** AWR; 1830-2000 EG, Voice of Pfopey Pgm & victor Holbert w/ Mx of Faith pgm. Into SW @ 2000 IDs & requests for reports. (Clifford 7/18)
- 6252V **COLOMBIA** R. Nacional; 0200 SP tlk & ID. drifted down to 6250 by 0330, weak modulation all other SW-freqs were off. (Behr 8/4) see below. ps.
- 6253V **COLOMBIA** R. Nacional; 0401+ SP, class string Mx. OM anncr, //15500. (Novello 8/2)
- 6254.7 **COLOMBIA** R. Nacional; 0248-0504* SP, Operatic Mx, some instrumental classics, few SP commentaries. No hourly ID till s/off w/ freqs. NA twice. Drifts downward (Rankin 8/3)
- 6315 **Unid Pirate:** 0545-0605 stn noted playing various rock "I'm Alive" by ELO @ 0551 OM anncr between selections; talk 0600-0603. Weak w/ lots of QRN. I seem to remember Moonshine Radio listed for this freq. If not them, then who??? (Bares 8/2)..... I first heard the stn on 6315 KHz. on July 20 GMT at 0400 playing pop Mx w/ YL anncr... July 27 at 0400 on 6312A playing late 1950 early 1960 oldies. Some low modulation on the voice. OM anncr.... August 3 at 0330 very weak w/ QRN. Playing hard rock Mx.... August 7 at 2350 fair signal. No anncr, just hard rock.... August 14 at 0025, OM w/ accent talking about different types of Rock & Roll, then he dedicated the next song to ??? Anncr was Bob Scott. 0047 time check for "4 hours 17 minutes past midnight." 0100 time check for "exactly 5:00" at 0149 played "Good Night" by the Beatles. Also played special version of "Has anybody seen my old friend John".... August 14 at 2350 there again w/ weak usual hard rock Mx and much QRN.... August 15 at 0110 pretaped pro sounding 'singing IDs' " ? Radio" by many YLs. 0117 "Good Night" by Beatles and NA type Mx. 0120* (DeRoy-Maine) Roger called me on the telephone on August 14 GMT and I did in fact hear the station in question. Hard copy into my location due to noise. I guess Roger has an advantage living in Maine. There has been some mention of an Irish Pirate from Dublin on this frequency. If so, August 14 time check doesn't make sense, tho they could be playing games. Lets keep a receiver tuned to this frequency. If you get any positive IDs please let me know. Thanks..... Peter
- 6383 **MONGOLIA** R. Ulan Bator; *1223-1252*, IS, EG ID, short NA, Nk, Tlks, poor w/ hvy CW QRM (Fisher-ALB 7/25)(Lucas 7/22)(Fedor)
- 6420V **USA-Rootleg** KVHF; 0535-0708 EG, Pop Mx & Golden Oldies. ID as "You are listening to KVHF, North America." "Tie a Yellow Ribbon" @ 0625. Good carrier but high QRN (Rankin 8/10)
- 6765 **CHINA** PLA-Fujian Front Station; 1136-1145 CH, dreamy haunting CH Mx, Tlks 8/10 by YL. //7850 KHz. Both QSB by 1145 (Reinstein 7/22)
- 6975 **CHINA** Nei Menggu PBS; 1206-1303 CH, opera Mx, Tlk in unknown lang? More Mx w/ mid-eastern flavor. Good (Fisher-ALB 7/28)
- 7025 **CHINA** PLA-Fujian Front Station; 1144-1120, CH/Amoy semi-class. Mx w/ flute solos & operatic vocals by YL. Good signal. //7280 fair. (Reinstein 7/22)
- 7049 **CLANDESTINE** La Voz de Alpha 66; *0100-0125* SP, usual anti-castro dialogue by 2 OM. Snatches of march Mx. Terrible audio & tapes played at wrong speed! (Reinstein 8/2)
- 7065 **ALBANIA** Radio Tirans; 0000 EG, NA, s/on, pgm line-up. "A Week in Albania" (Sellers 8/5)
- 7110 **ETHIOPIA** VoRE; 0334-0401. lang?, Nk, chants, mentions of Olympics. Afro pop Mx, into Amharic at 0400 w/ flute IS. ARO QRM. (Lang 8/8)
- 7130T **LAOS** Xieng Khouang; 1131-1200 LL, Nice traditional Mx & chants. YL anncr (Gliksmen 7/28) 7145 KHz. listed variable and reported inactive. This could be them perhaps re-activated on 7130 KHz. See August 1980 FrenDX LN-6 /page 17/ for more info. Lets check this out and perhaps get a positive ID. Good luck esp. w/ ARO CW QRM! Peter....
- 7145 **POLAND** Polish Radio; 0315 EG, IDs, freqs., "Panorama" CW QRM (Kruszka 7/29)
- 7155 **JORDAN** HKBS; 2310-2326* AR, chanting & AR Mx. Tlk by deep-voiced OM w/ mention of Aman & Allah. s/off in mid song. Fair w/ ARO QRM. (Reinstein 8/1)
- 7160 **MALAYSIA** Radio Malaysia-Kuching; 1134-1210 EG/Malay, EG local & world Mx, EG lesson 1145-1148, ID as "R. Malaysia - Kuching" (Lucas 7/30)(Fedor 7/25)
- 7170 **NEW CALEDONIA** R. Noumea; 1012 FR, Tlks & cl Mx (Fisher-ALB 7/26)(Moman-ALBERTA)
- 7180T **TAIWAN** Yu Shih Broadcasting station; 1129-1146 CH, Cntry, Instr. march Mx at 1130. (Gliksmen 7/31) The possible (Taiwan SS @ 1030/ SR @ 2120), this station is only running 500 watts. What could this be? Check this out and let me know..... Peter

- 7210 SWITZERLAND Red Cross BS; *0600 EG, SRI IS, trumpet fanfare, ID, reports on suffering in Angola, starvation in Uganda. (Kruszka 7/28)
- 7215 IVORY COAST RTVI; 2305 FR, local Mx as well as cl. OM anncr (Sellers 8/3); 0600 FR (Kruszka 7/14)
- 7255 NIGERIA Voice of Nigeria; 0500-0530 EG, IS, ID, Nx, Mx poor (Brissett 7/27)(Kruszka 7/14)
- 7260 VANUATU Radio Vanuatu; 1000 Island songs & Pidg. tlks to 1300 on 7/29; pop & CW songs to 1302* on 7/30 (Behr)(Krause 7/27); 0930-1010 C&W Mx pgm till 0930, Island Mx after that until 1000. Tlk by OM in Pidgin, definitely not FRI Address given by anncr as "P.O. Box 2914, Port Vila" s/off mentioning independence ceremonies on the next day. short NA. Good to very good w/ very little ARO QRM. //3945 was very poor w/ hvy ARO QRM. (Fisher-ALB 7/26); Had the great pleasure of listening to RV on their Independence Day. It was a very relaxed and happy occasion w/ live island Mx & drawings for prizes. Some speeches, cheering, whistling crowd. They didn't s/off at 1030, but instead kept transmitting. ARO QRM (Greenwood) As summer static condx go away, things will shape-up!
- 7270 POLAND Polish Radio; *0200-0229 EG, "Nx from Poland" anncmts abt DX Club for NAM, "Maritime Pgm" ARO QRM (Hofmann 7/24)
- 7355T USA-Bootleg; Green River Radio from 0215-0358* Pop Mx "In America" "Nobody Does it Better" Many IDs as "This is GRR, Pirate Broadcasting Station" Strong carrier but weak audio and heavy fading. ID sounded more like GGR not GRR. (Valko 7/12 & 13) Dave, chances are that you heard VCR. This sounded like GGR during a fade or static but other reports indicate VCR - below..... Peter
- 7355 USA-Bootleg; Radio VCR; 0249-0328 EG, pop Mx, anncd location as Mid America. On 2 to 3 times a week, on this freq. (Baxter 8/5); 0435-0455 C&W, Pop Mx, "Roll Over Beethoven" and other Chuck Berry "favorites" @ 0453, full ID, 25 watts. (Rankin 7/21); 0338-0359* Tlk by OM buried in QRM. (Radcliff 7/13)(Stroh 7/12)
- 7390 USA-Bootleg Voice of Clipperton; 0552 EG, Mx, anncr w/ ID. mentioned 31 meter freq. Into Nx & DX Pgm, then Radio Play. Exc. quality w/ fair signal (Fedor 7/25)
- 7400 CLANDESTINE LV de la Junta Patriotica Cubana; *0131-0301* SP, lots of Cuban Mx, slow ballads to disco version of "guantanamera", long harsh anti-Castro Tlk by OM, many IDs, Cuban NA & march Mx. Very good signal. Unusually long xmsn (Reinstein 7/31); 0200-0229* SP (Baxter 8/1); 0235-0257 SP (Rankin 7/28)
- 7550 SOUTH KOREA Radio Korea; 1300 EG, Nx - "Korea Today" //11830 KHz (Zilmer 7/25); 1318 EG w/ //1570 weak (Fisher 7/26)
- 9475 EGYPT Radio Cairo; 0200-0330 EG, Nx abt Africa. chants. (Johns 7/9)(Grishin 7/21)
- 9505 JAPAN Radio Japan; *1300-1315* EG, IS, OM w/ Nx, (Brissett 7/19)(Hensley 7/31); 1100-EG (Fyatt 8/4); 1500 EG (Earhart 7/18)
- 9515 GREECE Voice of Greece; 0130-0145 EG, ID, Nx, GK Mx, Good signal. (Browne 8/2)
- 9515 MEXICO XEW; 0400 SP, "XEW" ID, tlc & Mx; 0420 under Ankara QRM (Behr 8/4)
- 9515 TURKEY Voice of Turkey; 2211 EG, Nx, //11955 hvy QRM. (Moman-ALBERTA)(Sellers 8/3)
- 9520 PAPUA NEW GUINEA NBC; 0807 EG, Nx, local Nx ID, //4890 KHz. (Moman-ALBERTA)
- 9520 PERU Radio LaCronica; 1930 SP, frequent IDs, Latin Pop Mx (Williamson 7/25)
- 9522 CHINA Nei Monggol PBS; 1400 Mong., Tlks & Mx to 1527*. Good signal above jammer. (Behr 7/26)
- 9525 POLAND Polish Radio; 0200 EG, "Nx from Poland", Polish Folk Mx (Grishin 7/22)(Bodle 7/24)
- 9535 ANGOLA R. Nacional; 2320-0001* PT, "A" Pgm, incredible hi-fi hifi Mx, low voice OM Anncr. Economic Nx, NA at s/off (Novello 7/11)(D'Angelo 7/27)(Maise 7/28)
- 9545 SOLOMAN ISLANDS SIBC; 0702 EG, birthday greetings, pop Mx, "Radio Happy Isles" ID, DW QRM seemed to fade out. (Kruszka 7/22)(Grenier 7/27)
- 9550 CHILE Radio Nacional; 1154-1205 SP, many ments. of Santiago & RN IDs, Tlk on relations w/ Argentina. Fair, mixing with Havana. (Reinstein 8/2)
- 9555T EL SALVADOR Radio Nacional; 0500-0515 SP, Nearly positive of hearing "Radio Nacional" ID in SP by OM. Tlks & bits of LAM Mx, Vocals, LA Band Mx (Jordan 8/6); 2347 SP (Lucas)
- 9555 MEXICO La Hora Exacta; 1900 SP, tone @ 60 seconds. ads. (Williamson-GUATEMALA 8/4)
- 9570 SOUTH KOREA R. Korea; 1150-1200* EG, Mailbag Pgm by OM. TC & freqs. (Johnston 8/3)
- 9570 ROMANIA Radio Bucharest; *0130 EG, s/on anncmts. Nx by YL. //9690 & 5990 KHz. (Alexander 7/10)(Kruszka 7/24)(Lucas 7/15)(Bolland 8/11)
- 9575 ITALY RAI; 0100-0120 EG, Nx abt Fiat, Italian Immigration, Pope's statement on marriage, poor w/ QRM (Bodle 7/24)(Moman-ALBERTA 7/11)
- 9575 PORTUGAL Radio Portugal; 0502 EG, Nx, poor audio. (Moman-ALBERTA 7/12)
- 9578T PHILIPPINES Voice of Philippines; EG at 1016, Tlks by OM anncr w/ Mxical breaks, most likely them, poor. (Lobdell 7/22); 9579 KHz. 1017-1022 EG, (Fisher-ALB 7/26); 9580 KHz. (Radcliff 7/26)
- 9580 AUSTRALIA Radio Australia; 1130-1200 EG, Nx, Mx, "Tales of a Dream Time", "Star Artist of the Week." - Johnny Cash. (Fraser 7/10)(Johnston 7/20)
- 9585 BRAZIL R. Globo-Excelsior; 0100 PT, sports & IDs as "Globo-Excelsior" (Behr 7/26) (Kruszka 7/10); 0840 PT (Reinstein 7/26)
- 9585 SOUTH AFRICA Radio RSA; 0200 EG, s/on, ID, Nx, Mailbag, Conversation Corner. (Nelson 8/4)
- 9590 NETHERLAND ANTILLES Radio Nederland Relay-Bonaire; 0249-0303 EG, ID, 'DX Jukebox' EDK is running an essay contest. (Archer 7/11)(Alexander 8/5)
- 9595T BRAZIL Radio Cultura da Bahia; 0845-0850 PT, comedy routine by YL w/ audience laughter, into slow ballad. Fair w/ some QSB, did not catch ID tho. (Reinstein 7/26)
- 9600 CUBA Radio Moscow Relay; 0201 EG, Olympic report (Grenier 7/22)(Bolland 8/11)

- 9605 VATICAN Vatican Radio; *0100-0115* EG, Rel. Nx, "In and out of the Vatican" IDs. Fair. (Johnston 7/14)(Kruszka 7/21)
- 9610 AUSTRALIA VW-9; 1530-1834, on past usual 1600 s/off w/ live olympic coverage. Australian Michelle Ford won a swimming race. This was the best live coverage of the Olympics that I found on shortwave. I was able to hear the Coe vs. Ovett 1500 meter race live on 8/1. Good at 1530 but poor by 1834. (Fisher-ALB 7/27); 1003 EG, very detailed wx reports. (Moman-ALBERTA)
- 9610 NORWAY Radio Norway; 0200 EG, "Norway this Week", clobbered by RSA on same freq. (Moman-ALBERTA 7/7)(Bolland 8/11)
- 9615 COSTA RICA R. Noticias; 0100-0135 SP, frequent IDs, mentioned Cuba, Nicaragua & USA often. Cntry. (Potter 7/29 & 31)(Reitz)
- 9630 SPAIN Spanish Foreign Radio; *0005-0200* EG, Spanish Kaleidoscope, Olympic Report, Nx service. (Grishin 7/23)(Archer 7/14)(Zilmer 7/28)(Simaschko 7/17); 2242 SP to North East Atlantic & Pacific. IS @ 2245 s/on w/ ID. Good (Sellers 8/3)
- 9664.4 NORTH KOREA KCBS; 1400 Korean HS pgm & Mx, past 1500 (Behr 7/26)
- 9670 MALTA Xandir Malta; 0710-0745 EG, Nx s/bt Malta, Tourist Pgm, Interview w/ YL/OM 12) s/bt theater. Good at first but deep fades by end. (Archer 7/19)(Halsema 7/26)(Klein 7/26)
- 9675 BRAZIL Radio Marumbi; 2330 Braz. Mx & IDs to 0135*v, Fair. /pronounced "Marumbee"/ (Behr 7/23); 0937-0958 PT, rel Mx, some sort of sermon at 0940 ID at 0955, local Nx @ 0956, Mx & Tlks. (Gliksman 7/26)
- 9675 PERU Radio del Pacifico; 0310 orch Mx, SP tlk & ID to 0430*v (Behr 7/23)
- 9695 CYPRUS CBC; *2210-2245* OK, As suggested by Behr, this is definitely the Unid I reported on 6155 in March LR. Many Tnx. (Potter 7/26) Guitar IS until 2215, ID in GK, apparent Nx, then GK Mx, abrupt s/off. (Clifford 7/20)
- 9720 SOUTH KOREA Radio Korea; 1620 EG, 'Week in Review' & Listeners' Forum. (Maise 8/3) (Zilmer 7/27)
- 9730 EAST GERMANY Radio Berlin International; 0020-0045* EG, GDR economy, sports, DX Club, Fair (Johnston 7/14)(Alexander 7/15)
- 9740 SINGAPORE BBC Relay-Kranji; 1130 EG, 'Nature & Farming' Pgm. //11775 Antigua. (Reinstein 7/23)(Archer 7/25)
- 9745 IRAQ Radio Baghdad; 2136-2202 EG, OM w/ Nx & ID, "Weekly Economic Pgm" (Cucura 7/27) (Johns 8/3)(Browne 7/27)
- 9745 CAMEROON Radio Yaounde; 2158-2252; FR, Sounded like EG Nxcast followed by FR Nxcast. Rest of Pgm was Mx & Tlks in Fr (Gliksman 7/19)
- 9750 CHILE Radio Minería; *1000-1011 SP, OC till 1000:45, then chimes twice, NA(?), and Full ID by OM w/ freqs., meter bands, mention of Santiago. Gave station manager's name, then brief Nx, into I AM pop Mx. Good w/ het. (Cunningham 7/19)
- 9750 VENEZUELA Radio Occidente; 1136-1150 SP, Tlk on Coup in Bolivia, string of ads @ 1142 w/ IDs. Sig fair or better. (Reinstein 7/23)
- 9753nf CHINA Nei Monggol PBS; 1400 CH Pgm & songs to 1525*; Sat & Sun to 1547*v; probably ex-7300; good signals. //7105 KHz. (Behr 7/26)
- 9785 BYELORUSSIAN SSR Radio Minsk; 2142-2159* LL, Cntry abt the Olympics. Some instrumental Mx at end. ID and sign off. Over to Radio Moscow. (Gliksman 7/26)
- 9815 ISRAEL Kol Israel; 0115 EG, Pop sound, New time sked (one hour earlier). //15584 & 11637 KHz. (Zilmer 8/3)
- 9977 NORTH KOREA Radio Pnyongyang; *1200-1220 EG, Overview, Nx. It was all I could stand of "The Great Leader, Comrad Kim Il Sung". Fair (Johnston 8/3); 1515 EG (Earhart 7/23)
- 10080 VIETNAM Voice of Vietnam; 1330 EG, freq. sked in meter bands, Nx, Olympic report @ 1428* 1430 on again in another lang??ID, ID (Zilmer 7/25); 1105 EG (Klein 8/1)
- 11610 ISRAEL Kol Israel; 1900 EG, New time sked. Calling All Listeners. //21710, 21675, 17815, 17685, 9815 & 9009 KHz. (Zilmer 8/3)(Simaschko 8/9)(Kowalski 7/25) (7/27)
- 11620 INDIA All India Radio; 2220 EG, Pgm of Hindu Mythology. Fair but fluttery. (Fraser
- 11637 ISRAEL Kol Israel; 0400 EG, belatedly decided to go on DST 8/2 thru 9/12, proving that at Israel Radio programs are produced for the convenience of the staff rather than of the listeners, all External service broadcasts were to be aired one hour earlier during this period. (Hauser); 2300 EG, //21710 & 15584 KHz. (Zilmer 8/2)

Of special interest this month are the frequencies: 6315, 7130, 7180, 7400, 7600, 9578, 9595, 9664.4 & 9695 KHz. Be sure to check these out if you get a chance.

If anyone wants info on Amateur Radio, drop me an SASE and I'll forward some ARRL hand-outs.

A great book has been made better! I'm talking about "The Complete Shortwave Listeners Handbook-2nd Edition" by Hank Bennett & Harry L. Helms. I received my copy via UPS just 24 hours ago and I haven't yet had a chance to read it. Flipping pages I notice that many things have been updated. This book is similar to the first edition and at \$8.95 it's a steal. The 19 chapters cover much material. This book is a great addition to a listening post. If your so inclined, order from TAB Books Inc. Blue Ridge Summit, PA. 17214

For now best 73's and Good DX.

P.S. - I maintain somewhat of a regular schedule w/ Jon Cohen WB2KKS (asst. publisher of NASWA) check Sundays at 1600 GMT on 7282 KHz + QRM. de.....W.B.L.G.E.X.....

log report section

11700 TO 17699

TERRY COLGAN



- 11700 MONACO TWR: 0430-0500 lang, tlks, mx, EG ID @ 0430,0445, p (Brissett)
lang is AM 0430-0445, AR 0445-0500--tc (Nelson)
- 11705 SWEDEN RS: 0310 SP, DX pgm (Kruszka) 2300 EG, s/on anmts, nx, "SCDX"
- 11710 USSR RM: 2300 EG, nx, cmntry (Simaschko)
- 11715 SWITZERLAND SRI: 0147 EG, nx, QRM de RM (Sellers)
- 11720 CANADA CBCNQSWS: 1630-1735 EG, "Quirks and Quarks", "The Entertainers" (Archer, Slomka)
- 11720 USSR RM: 0316-0322 EG, cmntry on arms race (Earhart) Sellers
- 11725 SOUTH KOREA RK: 1000-1030 EG, tlk, ID @ 1025, KR LL, f (Bolland,
- 11730 GREECE VOG: 0130-0145, 0340-0350 EG, ID,W w/ nx, GK mx (Brissett, Hensley)
- 11730 HOLLAND RN: 1945 FR, M w/ tlks & mx (Schanke)
- 11735 USSR R. Kiev: 0045-0100, 0318 EG, "Ukranian Panorama", cmntry on Olympics (Brissett, Kruszka)
- 11735 USSR R. Vilnius: 2305-2330 EG, Olympic results w/ cmntry, lbx, ID, sked (Brissett)
- 11740 AUSTRALIA RA: 0740 EG, pop mx, //9570, 17725 (Alexander)
- 11740 ECUADOR HCJB: 1230-1300 EG, M & W w/ "Happiness is..." (Bolland)
- 11750 USSR RM: 0128 EG, Olympic rept (Sellers)
- 11750 SINGAPORE BBC: 1604-1615+ EG, nx, freq anmt (Kruszka) Zilmer)
- 11750 BULGARIA RS: 0430-0500, 2150 EG, ID, nx, Olympic rept, lbx (Cucura,
- 11760 CUBA RHC: 0400 EG, ID, "From the Land of Music" (Nelson) 1745 SP, M w/ tlk, mx (Stroh)
- 11765 BRAZIL R. Tupi: 0735-0800 PT, long speech by M w/ echo chamber audio, lots of applause, full ID w/ freq @ 0800, vg, 7-26 (Reinstein)
- 11785 USSR R. Tashkent: 1405 EG, nx, ID, inst mx, cmntry (Minor)
- 11790 AUSTRALIA RA: 1052-1135 EG, IS, ID, freqs, pgm notes, nx @ 1100 & 1135 (Archer, Bolland, Sellers)
- 11790 INDONESIA VOI: 1215-1240 IN, M & W w/ tlks, piano & orch mx, vocals (Thompson) 1400-1439 EG, nx, ID, mx, "This Week in Review" (Grenier, Minor, Zilmer) JP listed 1200-1300--tc (Bolland)
- 11791v COLOMBIA R. Nac.: 1055-1100 SP, cmntry by W, tlk by M, QRM de RA, 8-8
- 11800 ITALY RAI: 0100-0120 EG, IS, ID, freqs, W w/ nx, varied mx, ID @ 0119, IS & into FR (Reid + others)
- 11805 BRAZIL R. Globo: 0804-0810 PT, Olympic scoreboard, several IDs by M, f, 7-26 (Reinstein)
- 11815 POLAND RP: 0200-0234 EG, ID, nx, "This Week in Poland", DX pgm. into PL @ 0230, //9525 (Cucura, Nelson)
- 11825 LIBYA SPLAJBC: 0030-0115 AR, tlks, chants, inst mx, chimes @ 0115, M w/ anmts, //15235 (Sellers, Thompson)
- 11825 SOCIETY ISLANDS RT: 0725 FR, DJ w/ remote bcst, disco mx, exc, //15170 (Bares)
- 11830 USA UNR: 0030-0100 SP, M w/ nx, //15160 (Bolland)
- 11830 CLANDESTINE V. Malayan Rev.: 1030 Malay, 1115 CH, //15790, both g, 8-4 (Behr)
- 11830 SOUTH KOREA RK: 1527 EG/KR, alternating IDs, into KR @ 1530 (Kruszka, 1600-1640 EG, nx, "KBS Magazine", tlks, mx (Nelson, Sellers, Zilmer)
- 11835 UNITED KINGDOM BBC: WS 0100-0145 EG, movie review, "Outlook", "Jolly Good Show" (Archer, Sellers)
- 11835 HAITI 4VEH: 1100-1238, 2328 EG, M w/ ID @ 1100, "Radio Bible Class", other rel pgms (Minor + others)
- 11840 GUAM KTWR: 0900-0930 EG, rel tlks & mx, DX pgm, IS, ID & sked @ 0930 (Brissett, Moman)
- 11840 CUBA RM: 1600-1620 EG, wrld nx, cmntry (Reynolds)
- 11845 VATICAN VR: 0100-0114 EG, rel tlks, ID @ 0114, IS (Earhart, Sellers)
- 11845 CANADA RCI: 0300 EG, nx, wx, sprts (Johns)
- 11855 SAUDI ARABIA ESKSA: 2010 EG, M w/ nx (Maise)
- 11860 SEYCHELLES FEBA: 1640 Afar, IS, ID, into AR @ 1700 (Braga)
- 11865t BRAZIL R. Clube de Pernambuco: 0850-0902 PT, coffee ads, brief anmt by M, into folk song, abrupt s/off ?? in mid song, 7-26 (Reinstein) strange time, if s/off--tc

- 11870 NORWAY RN: 0200-0230 EG, nx, cmntry, feature on tourist attractions (Grishin, Samuel)
- 11880 SPAIN SFR: 0015-0155 EG, tlk on SP mx, Olympic rept, DX pgm, ID, lite opera (Alexander, Sellers) Reitz)
- 11885 URUGUAY SODRE: 0000-0030 SP/EG, tlk by W, pop mx, EG IDs (Minor)
- 11885 TURKEY VOT: 2048 EG, tlk on musical instruments (Sellers)
- 11890 PHILIPPINES FEBC: 0858-1000 EG, lbx, nx, rel tlks, IDs every 15 mins (Brissett, Moman)
- 11895 NORTH KOREA R. Pyongyang: 1500, 1600-1650 EG, IS, ID by W, nx, sked & freqs, pol tlks, //9977 (Minor, Zilmer) (Fedor)
- 11900 MALAYSIA VOM: 1157 Mandarin, tlks by M & W, ID by W @ 1200, //15295
- 11900 SOUTH AFRICA R. RSA: 2103-2106 EG, Af nx, f (Halsema)
- 11910 HUNGARY RB: 0105 EG, nx, sprts, f (Sellers)
- 11915 ECUADOR HCJB: 0030-0202 EG, rel mx, "Today in Review", "Passport", ID & freqs (Bolland, Earhart, Reynolds)
- 11915 USSR RM: WS 1600-1620 EG, ID, nx & tlks, p (Buer)
- 11925 PORTUGAL RP: 0156-0204 PT, guitar mx to 0200, 4 long pips w/ a short one @ 0200, ID, nx w/ M & W (Brouillette) 0300-0330, 0502 EG, ID, nx, "Report from Portugal", folk mx (Cucura, Earhart, Moman)
- 11925 BRAZIL R. Bandeirantes: 0835 PT, rooster cackle and ID, pop mx, g, //9645, 7-26 (Reinstein)
- 11930 USSR RM: 2300-2320 SP, IS, ID, nx to 2313, cmntry, f (Buer)
- 11935 BRAZIL R. Clube Paranesse: 0818-0830 PT; lcl TCs yelled over LAM pop mx, several clear IDs, very strong, 7-26 (Reinstein) (Fisher)
- 11935 PHILIPPINES RVA: 1227-1256, soft inst mx, JP/EG IDs, into JP pgm
- 11940 ROMANIA RB: 0130-0153, 0405 EG, nx by W, cmntry, ID, mx request pgm (Minor, Reid, Sellers)
- 11940 SINGAPORE SBC: 1454 EG, mx from TV shows (Grenier)
- 11945 NEW ZEALAND RNZ: 1000-1052 EG, national nx, mx pgm (Sellers, Zilmer)
- 11955 CANADA RCI: 1310 EG, "Sunday Morning", exc (Archer)
- 11955 PHILIPPINES RVA: 1430 EG, lbx, tlk abt contest, mx, nx (Minor)
- 11960 USSR RM: WS 1748 EG, pgm of Moldavian folk mx (Stroh)
- 11975 EAST GERMANY RBI: 0132-0213*, 0230-0300 EG, nx, ID, Olympic rept, cmntry, freqs (Johns + others)
- 11990 CZECHOSLOVAKIA RP: 0305-0330 EG, nx, tlk on Olympics, ID, sked, gen. tlks (Earhart, Hensley, Ketzis) Moman)
- 12000 AUSTRALIA VNG: 0715, 0914, M w/ ID, time pips, //7500, 4500 (Bares,
- 12015 AUSTRIA ORF: 0435 EG, sprts, Olympic rept (Grenier)
- 12050 EGYPT RC: 0200-0328* EG, ID, W w/ nx, tlks, freq ancd as "one twenty fifty" (Bodle + others)
- 12060 USSR RM: WS 0422-0438 EG, "Moscow Mailbag", nx-in-brief, class mx, IDs @ 0430 & 0432 (Hensley)
- 12175 ICELAND ISBS: *1805-2000*, voice marker "This is Reykjavik Radio broadcasting for receiver adjustment purposes" in EG/ Icelandic until 1830, into apparent Icelandic lang nx by M, wx by W, M w/ sprts, psbl radio play, piano mx, ID @ 2000, 7-6 (Clifford)
- 14450v USA R. Confusion: 0100-0213* EG, rock mx, many IDs, plugged FRC, accurate TCs, contest info, requested repts, 7-28 (Baxter + others)
- 14752 USA R. Syncom Int.: *0302-0330 EG, poor w/ full ID & address, little else made it through, 7-11 (Krueger)
- 15000 HAWAII WWVH: 0720 EG, time pips & anmts by W (Bares)
- 15000 JAPAN JJJ: 1258-1302, CW ID & W w/ JP/EG ID, time pips (Fisher)
- 15008v VIETNAM VOV: 1245-1258*, 1800-1815 EG, vocal & inst mx, tlks, nx, Olympic results, cmntry (Reynolds, Thompson)
- 15045 GUENADA RFG: 2215-0013v* EG, pop mx, nx, cmntrys, lcl anmts, TCs, bingo #s, obits, BBC nx @ 2300, ads (Swedberg + others)
- 15060 SAUDI ARABIA BSKSA: 1720-1935 AR, tlks, nx, chants (Holland, Sellers)
- 15070 UNITED KINGDOM BBC: WS 2315-2330 EG, "World Radio Club" (Simascko)
- 15084 IRAN VOIRI: 0230, 1725, 2252-2311 PS, tlks, chants, IDs (Earhart, Holland, Minor)
- 15105 MALTA DW: 0118-0150 EG, IS, ID, freqs, nx, orch mx, current affairs mag (Minor, Thompson)
- 15115 ECUADOR HCJB: 1427 EG, "Morning in the Mountains" (Sellers)
- 15120 POLAND RP: 0205-0215 EG, IS, nx, mx, press rev (Samuel)
- 15120 NIGERIA VON: 0625-0706 EG, Af mx, TC @ 0630, into nx, cmntrys, lbx (Jordan, Radcliff)
- 15120 SRI LANKA SLBC: 1755 EG, nx, ID & freqs (Moman)
- 15125 PORTUGAL RP: 0259-0330 EG, ID, W w/ nx, "Arts and Culture", DX pgm, PT mx (Cucura + others)

15135 BULGARIA RS: 1445, *2130-2200* EG, lcl mx, IDs, nx, DX pgm, Olympic rept, lbx (Nelson + others)

15140 PORTUGAL RP: 0310 EG, strong sig here one nite only, //15125 w/ spurs on 15019.5, 15046.7, 15088.0 & 15110.0, 7-16 (Novello)

15145 AUSTRALIA RA: 0700-0723, 1000-1010+ EG, wrld nx, interview, pop mx (Archer, Earhart, Zilmer)

15150 USSR RM: WS 1340-1359 EG, Olympic rept, mx @ 1346 (Earhart)

15150 USA VOA: 1500 EG, IS, ID, nx (Holland) others)

15155 ECUADOR HCJB: *0130-0300 EG, "Thru the Bible", "DXPL" (McCants +

15155 CUBA RHC: 2005-2140v* EG, pol cmntrys, lbx (Johns, Ketzis)

15160 PHILIPPINES VOA: 1330 EG, tlk abt space shuttle (Simaschko)

15165 CHINA RP: 1415 EG, cmntry on Olympics, CH LL, lbx, mx, tlk on radios (Minor) (Brissett + others)

15165 DENMARK RD: *1755, 1855*, *2059 DN, IS, EG/DN IDs, into DN pgms

15170 SOCIETY ISLANDS RT: 0530-0705 FR/TT, island mx, tlks by M, ID (Maise, Reitz)

15170 SWITZERLAND SRI: 1820-1844 EG, wrld nx, tlks, ID (Bialek) (Gliksman)

15180 USSR R. Tikhiv Okean: 1938-2029* RS, pop mx, tlks, clear ID @ 2028

15180 PORTUGAL RJ: 2200-2215 EG, sked, nx, cmntry, into JP @ 2215 (Alexander)

15185 USA WNB: 2115 EG, ID, rel pgms (Nelson)

15185 PHILIPPINES VOA: 2252-2300 EG, "Breakfast Show", to SEA, f (Buer)

15188.7 BRAZIL R. Inconfidencia: Braz mx & ID to 0258v*, new call ZYE522, 8-3 (Behr)

15200 INDONESIA VOI: 1400-1451 EG, wrld nx by W, IN mx pgm w/ W host, into Thai pgms @ 1500, //11791.2 (Behr, Grenier, Reynolds)

15205 USA VOA: *0057-0125 EG, nx, rept on Repub. conv, cmntry (McCants)

15205 INDIA AIR: 1050-1055 EG, press rev (Halsema)

15220 HUNGARY RB: 0100-0113 EG, sprts, ID by M, f (Bialek) (Gliksman)

15220 USSR RM: 1058-1131 lang, tlks w/ As mx, clear IDs & IS, //15395

15220 SOUTH AFRICA R. RSA: 1300 EG, nx, "Talking Point" (Zilmer)

15220 MADAGASCAR RN: *2030-2037+ EG, "Happy Station", nx (Archer, Earhart)

15230 AUSTRALIA ABC: 0755 EG, ABC orch mx, ID, TC (Moman)

15235 LIBYA SPLAJBC: 2240-2330 AR, chants, inst mx, ID on hr, tlk by M (Reitz) 0100-0230 AR, presumed w/ tlks, chants, gone by 0230, 8-6 (Brissett)

15240 EAST GERMANY RBI: 1330 EG, Olympic rept (Zilmer)

15240 YUGOSLAVIA RY: 1530 EG, IS, ID by W, nx (Moman)

15245 USSR RM: WS 1815 EG, tlks on Repub conv & Kampuchea (Slomka)

15260 CANADA BBC: WS 1500-1600 EG, wrld nx, "Concert Hall", "Sunday Half Hour", "World Radio Club" (Reynolds)

15260 CANADA RCI: 1800 EG, IS, ID, nx, "DXD" (Sellers)

15270 JAPAN RJ: 0005, 0604 EG, nx, press rev, cmntry (Samuel)

15270 SINGAPORE BBC: *0015-0029+ Burmese, over RJ co-channel, into pgms in Bengali & other langs, site not given after IS (Pickard)

15270 TAIWAN VOPC: 2130 EG, IS, ID, nx, cmntry, pop mx (Moman, Zilmer)

15270 PORTUGAL RFE: 2320-2342* Cz/Slovak, f above jammer, alternating male voices, inst mx, ID @ s/off, //15255 (Pickard)

15275 USSR R. Vilnius: 2300-2328 EG, pgm on mx festival (Danko)

15280 CHINA RP: 1200 EG, nx, cmntry, mx, tlks (Minor, Sellers, Zilmer)

15290 SWEDEN RS: 0130 SP, nx, tlk, ID (Bialek) 0230-0240 EG, tlks & mx, //11705 (Earhart) no longer here for 0230 EG, see 15315--tc others)

15290 BRAZIL RNB: 0200-0400 EG, IS, sked, nx, sprts, mx pgms (Reid +

15295 MALAYSIA VOM: 0810-0841 EG, jazz mx, TC, nx @ 0830, cmntry (Lang) 0925-1000* Malay, pop mx, time pips, tlk between M & W till 0943, US pop mx till 0959, s/off anmts & ID (Cunningham) 1028 Mandarin, IS, ID @ 1030 by W, anmts, mx (Sellers)

15300 ECUADOR HCJB: 2145-2200* EG, "DXPL" (Alexander)

15305 CLANDESTINE R. Mujahidin: *1600 Dari, flute IS, M w/ ID, nx, first few mins often jammer-free (Krueger) date??--tc

15305 SWITZERLAND SRI: 0145-0215 EG, IS, ID, freqs, nx, "Dateline", "SSMGR" (Archer, Alexander, Thompson)

15310 JAPAN RJ: 1203, 1300, 1800 EG, IS, IDs, nx, cmntry (Archer + others)

15312v ALGERIA RTVA: 2002 EG nx, 2032 SP nx, dwn from 15319, 7-5 (Behr)

15315 SWEDEN RS: 0230 EG, noted back here again 7-28 in clr (Hauser) also logged by (Browne, Samuel, Zilmer)

15315 NETHERLANDS ANTILLES RN: 0217 SP, sprts, M w/ ID, f (Bialek)

15320 USSR RM: 0235-0242 SP, M & W w/ nx, cmntry (Brouillette) 0600-0615, 1411 EG, "News & Events", usual pgms (Grover, Sellers)

- 15320 AUSTRALIA RA: 0400-0413 EG, wrld & lcl nx, ID @ 0405, TC @ 0410 (D'Angelo, Simaschko) 0502 FR, M DJ w/ rock mx pgm (Brouillette)
- 15325 CANADA RCI: 2000-2030 EG, "DXD" (Johns, Ketzis)
- 15330 BULGARIA RS: *0000-0100* EG, ID, nx, "Across the Map of Bulgaria", lbx, DX pgm, folk mx (Cucara, Danko, Reid) (Brouillette, Browne)
- 15330v COLOMBIA R. Nac.: 0230-0300, 0407-0434 SP, class mx, IDs, nx
- 15335 MOROCCO RTVM: 1340-1505+ AR, radio play, ID @ 1402, AR mx, tlks, psbl nx on hr (Clifford)
- 15345 NEW ZEALAND RNZ: 0440 EG, tlk, vocal & inst mx, vg (Minor)
- 15345 NORWAY RN: 2209-2228* EG, "Norway This Week" (Hoffmann) (Swedberg)
- 15350 LUXEMBOURG RL: 0445 FR, mx requests, telephone calls, nx @ 0500
- 15360 TURKEY VOT: *2200-2300* EG, TK/ EG ID, nx, press rev, DX pgm, pop mx (Browne + others) Reynolds)
- 15365 GUAM KTWR: 1430-1500 EG, rel pgms, ID & IS @ 1500 (Brissett, Minor, LEBANON RL: 0235v-0300v EG, nx, IDs, pop mx (Bodle + others)
- 15375 SOUTH KOREA RK: 2130 EG, nx, folk mx (Zilmer) Reid)
- 15380 SWEDEN RS: 2300-2330 EG, nx, "Panorama", tlks, IS & IDs (Earhart, BELGIUM BRT: 0015-0100 EG, ID, nx by W, cmntry, "Today in Belgium", lbx, mx (Samuel + others)
- 15390 SWEDEN RS: 0350-0405 SW, MOR to 0400, chimes, W w/ nx (Novello) relay of HS presumed; was ID hrd??--tc
- 15400 FINLAND RF: 0335-0350, 1300-1330 (1425 on Sundays--tc) EG, "Northern Report", "On the Town", "Sportslight", IDs, lbx, folk mx (Ketzis + others)
- 15400 SEYCHELLES FEBA: *0343-0445 AR, IS, ID x 2, mx, W w/ nx, vocal & orch mx (D'Angelo, Thompson)
- 15410 USA VOA: 1554-1625 EG, MOR, ID @ 1600, "Voices in Africa", "African Panorama" (Buegler, Halsema)
- 15410 RWANDA DW: 2350 GM, class mx, nx @ 0000 (Sellers) Potter)
- 15420 PORTUGAL RFE: 2053-2100* EG, cmntry, ID, short mx, Fri only (Minor, SRI LANKA SLBC: 1230 EG, pop mx (Zilmer)
- 15425 AUSTRALIA ABC: 0759 EG, ID, TC, nx (Moman)
- 15440 PHILIPPINES FEBC: 1350 EG, rel pgms, ID @ 1400 (Minor)
- 15455 USSR R. Rodina: 1407 RS, orch mx, ID (Sellers)
- 15455 USSR R. Atlantika: 1707-1714 RS, tlk abt Yuri Gargarin, mx & tlk, clr ID (Glikzman)
- 15455 USSR RM: WS 1900, 2030-2130 EG, nx, "News & Views", Olympic rept, "Music Non-Stop" (Maise, Reid, Simaschko)
- 15460 USSR R. Tashkent: 1200-1229, 1430-1430 EG, IS, nx, cmntry, IDs, DX pgm (Brissett, Pyatt, Reynolds)
- 15515 USSR RM: WS 0600-0620 EG, IS, ID, nx, "For Your Asking" (Buer)
- 15515 USSR R. Yerevan: *2200-2235 RS, IS, ID by M & W, nx, opera mx, hrd daily (Krueger)
- 15535 USSR RM: WS 1630-1650 EG, ID, nx, "Culture & the Arts", f (Buer)
- 15540 USSR RM: WS 1630-1650 EG, same pgms as above (Buer)
- 15555 CLANDESTINE R. Vatan: *1705-1800* PS, opening theme, ID, anti-Khomeni tlk, nx, vocal mx, ID @ 1732, sked/freqs, exc, jammer still on 17920, 8-5 (Krueger) tent hrd on 8-2 by (Hauser)
- 15584 ISRAEL KI: *2230-2300, 0005-0025, 0100-0125 EG, nx, mx, TCs, DX pgm (Reid + others) Ralf Munster repts this freq in use since at least 6-18 instead of 15582.5 or 15585 altho this fact not anncd until new tapes made when Israel changed to equiv of DST--tc (Minor)
- 15600 UNIDENTIFIED: 1313 lang, class mx, tlk by W, very fast vocal mx, 7-20
- 15790 CLANDESTINE V. Malayan Rev.: *1450-1530* EG, march mx, ID x 2, more march mx, ID x 2, pol tlks, inst mx, //11830 hrd faintly (Minor, Posporelis)
- 17605 HOLLAND RN: 1330-1354, 1832-1850, 2028-2050 EG, wrld nx, cmntry, "Music All the Way", "Happy Station" (Schanke + others)
- 17630 ISRAEL KI: 1240-1309 HB, tlk, MOR, nx, IDs, wx, HS "B" relay (Bialek)
- 17661.5t PAKISTAN RP: 2010-2015* EG, FE type mx, M w/ tlk, no ID but what else? 8-6; checked 8-7 & found covered by RTTY from 1945 (Munster)
- 17680 CHINA RP: 0215-0244 EG, ID, cmntry, CH LL, mx (Archer, Bialek)

Thanks to all those who took the time to listen and report. Yes, I knew that 7-4 was not a Thursday, but my typewriter didn't (see 11835 last month).

73 de tc

Terry

log report *section*

17700 & ABOVE



BRETT SAYLOR

- 17700 P.R. CHINA RP; 0900 EG, CH mx, ID; fair (Holland 7/4)
17700 USSR RM; 0423-0440 EG, Olympic results, interviews w/ athletes; fair (Earhart 7/22)
17705 CUBA RHC; 1425 SP, Spanish mx, ID, good signal (Holland 7/4)
17705 UNITED KINGDOM BBC WS; 0905, 1750 EG, nx, sports, Olympic reports; (Slomka 7/30, Holland)
17710 HUNGARY R Budapest; 0114, 0210, 0300 EG, nx, Olympic highlights; 0230 HG, nx rpt from Kabul on fighting (Byron 7/3, Archer, Kruszka)
17720 FRANCE RFI; 1415 PR, French folk songs, good; 1600-1640 EG, Paris Calling Africa pgm, world, French, & African nx, Press on Africa, Sports on Monday pgms, ID's in FR & EG; fair, // 21520 (shift from 21515? bs), 21580, 21625 (Browne 7/28, Brissett, Holland)
17720 USA WINB-Red Lion, PA; 1830 * EG, religious pgmng; heavy QRM from SP station (Johns 7/13)
17735 PORTUGAL RFE; 0405-0430 RM, nx to 0410, ID by W, "Radio europa libera", then Lumea Crestina (Christian World) on religion (Rankin)
17735 SWITZERLAND SRI; *1314-1345 EG, nx, tlk on the Red Cross, Iraq; DX pgm 8/9, weak (Bolland 8/9, Bialek)
17742.2 AFGHANISTAN RA; 1900 EG, nrml pgm & local mx to 1929*, weak w/ VOA QRM, ex 15075 (Behr 8/3)
17755 AUSTRALIA RA; 0400 EG, nx, feature on physical fitness; // 17795, 17870, 17725, 17890 (Alexander 8/4, Zilmer)
17773 ALGERIA R Algiers; 2008 EG, world nx, wx to 2015, ID as "This nx comes to you in the int'l svc of R Algiers;" no // hrd (Sellers)
17775 UNITED ARAB EMIRATES Dubai; 0200-0245 EG, ID's, nice jazz mx, requests for reports; // 21700, good (Krueger 8/3)
17785 HUNGARY RB; *0230 HG, here over Moscow 7/15 only, back on 17710 by 7717 (Novello 7/15)
17795 AUSTRALIA RA; 2030-0430 EG, world nx, Australia in Brief, features and mx; QRM from RAI - no het (Simaschko 8/10, Earhart, Hensley, Buegler, Holland, Bialek, Moman) (Zka)
17795 ITALY RAI; 0404 EG, nx by W, ID, address, co-channel RA QRM (Krus-
17795 NORWAY R Norway; *2200-2230* EG, Norway This Week, Nx & Views; vry good, // 15175, 15345 poor (Moore 8/3, Fraser, Brissett) stein)
17810 JAPAN RJ; *0800 EG, IS & ID, into Asian Svc, world nx, good (Rein-
17815 ISRAEL Kol Israel; *1900, 2000-2030 EG, nx, Forum pgm, Folksong; (Simaschko 8/9, Maise, Reynolds)
17830 GREECE V of Greece; 1525-1535 GK, mx, ID, QRM; poor (Posporelis)
17840 NORWAY RN; *1300-1400 NO, ID's in EG&NO, nx, local mx (Simaschko 8/9, Holland)
17845 USA WYFR; 1820 EG, Rel pgm abt Ten Commandments (Earhart 8/2)
17855 P.R. CHINA RP; 0000-0055 EG, nx, cntry, Sports Roundup, beautiful CH mx, off at 0055; excellent (Reynolds 7/29, Thompson)
17855 CYPRUS BBC; 1520 EG, pgm to 1530, then into lang. (Simaschko 7/27)
17860 NEW ZEALAND RNZ; 0320-0545 EG, nx, wx, Arthur Cushen's DX pgm, E-Z listn mx, NZ Journal, weak (5 reporters)
17870 USSR R Vilnius; 2328 EG, conclusion of pgm, freq's, address, ID (Sellers 8/4) *0330-0358* AM, tlks on Armenia, EG nx @ 0354, vry gd (Fisher, Krause) this was for Radio Yerevan....sorry. bs
17870 LIBERIA VOA-Monrovia; 1847 EG, Music Time in Africa, w/ mx from Gambia, Gabon, Seychelles (Sellers 8/3)
17875 CANADA RCI; 2010 EG, sports, nx, Mailbag, DX Digest (Maise 7/27)
17875 WEST GERMANY DW; 0601 EG, world nx, Africa This Morning, Afr nx 0625-0629; good (Lattemann)
17875 ISRAEL Reshet Bet (Home Svc); *0300-0400 HB, MOR mx, ads, nx, Jammed 0400-0430, //17630, 15200 Sun-Fri (Munster 8/7)
17880 USSR R Peace & Progress; *1330 EG, IS, ID, regional nx (Holland)
17880 KAZAKH SSR RM via Alma Ata (per UHN); 2200-2215 PT, IS, ID, nx & tlks, fair w/ adjacent jammer QRM on 17885 (Buer 7/6)
17880 SINGAPORE BBC; 1510 EG, tlk on Africa (Grenier 7/26)

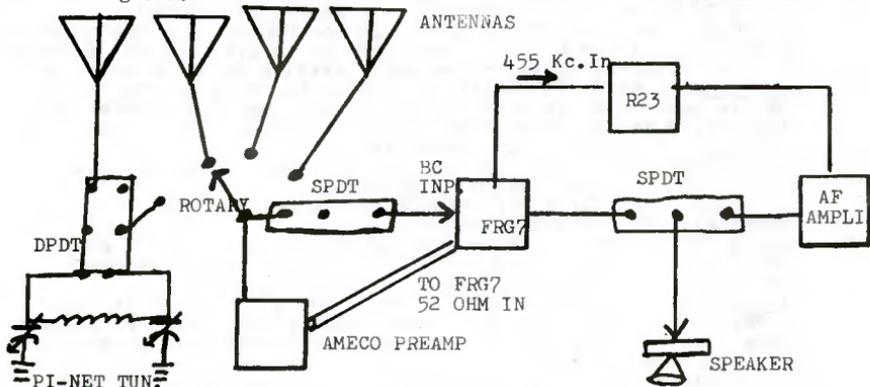
- 17890 ECUADOR HCJB; 1340, 1540 EG, rel pgm, Bible reading, ID (Posporelis 7/30, Holland)
- 17900 VATICAN STATE Vatican Radio; 1545-1600 FR, rel nx by M & W annrcs, into EG @ 1600; beamed to Afr, vry good (Posporelis 7/30)
- 17930 LIBYA SPLAJBC; 1334 AR, chanting, good (Holland)
- 17970 P.R.CHINA RP; 0005-0030 EG, world nx, Listener's Letterbox (Grover)
- 18275 USA VOA; 1735 EG, there were two stations beasting on this freq; VOA hrd plus other w/ tlk by W abt UN (Minor) likely a VOA feeder on ISB; Greenville 50 KW listed here...bs.
- 21460 USA VOA; 0125-0203 EG, nx conference w/ Pres Carter, demo convention, vry good (Briscoe)
- 21465 BELGIUM BRT; 1330-1345 EG, Brussels Calling (Zilmer 8/4)
- 21465 EAST GERMANY RBI; 1300 EG, nx, //21540; 0545-0630 EG, SEast Asia Svc, DX Club, Spotlight on Sports, Olympic cmtry, several ID's, good (Briscoe 7/15, Zilmer)
- 21480 ECUADOR HCJB; 1830, 2130 EG, European Svc w/ DX Party line @ 2130; rpt on ANARC convention, mx, ID's (Reynolds 8/2, Stroh)
- 21490 USSR RMWS; 0230-0415 EG, M & W w/nx, cmtry, mx pgm; good (Bolland 8/9, Hensley)
- 21505 HUNGARY R Budapest; 2300 SP, 0000 SP to 0026*, //17710 (Behr 7/10) Program details ???...bs
- 21505 CZECHOSLOVAKIA R Prague; 1557, 1820-1825* EG, sports report, ID, cmtry; to Asia 1557, to Afr 1820 (Sellers 8/4, Stroh)
- 21510 PORTUGAL? R. Liberty; *0100 Azeri, ID and 0200*; this was reported as Baku in July LR-E; they give clear ID in Azeri as per WRTH (Behr) This was reported tentative as Baku, stating no ID heard...bs
- 21530 ASIATIC SSR RMWS; 0100-0115, 0230-0320 EG, site is Irkutsk per UHN, to Australia; Kremlin bells, ID, nx, magazine show w/ tlk on Olympics, Music Non-Stop pgm; //21490 (Simaschko 8/11, Buer)
- 21530 PORTUGAL RP; 1814 EG, ID, news (Stroh 7/15)
- 21570 SWITZERLAND SRI; 1315, 1536 EG, nx, Dateline, Swiss Shortwave Merry-Go-Round (Simaschko 8/9, Archer)
- 21570 USA AFRTS; 1824-0325 EG, network nx, Sportstime, mil commercials (Simaschko 8/11, Halsema, Stroh)
- 21580 FRANCE RFI; 1605 EG, Paris Calling Africa, nx, //21520 good; 1843-2130* FR, jazz & pop mx w/ M DJ, France ala Carte pgm (Halsema 8/4, Nelson, Sellers, Samuel, Earhart)
- 21585 SWITZERLAND SRI; 1815-1830 EG, 1845-1930 & 2200-2215 GM, nx, SW Merry-Go-Round, into GM w/ nice Swiss mx as filler (4 reports)
- 21590 MALTA DW; 1349 EG, ID "This is Radio DW transmitter in Malta," fair (Bolland 8/12)
- 21600 WEST GERMANY DW; 1715-1805* EG, ID's, nx, Window on the World, fair svc, //715135 (Bolland 8/7, Johns, Grishin, Reynolds, Earhart)
- 21600nf SAUDI ARABIA BSKSA; 2242 AR, def ID followed by songs, good; down from 21605 (Buer 7/28)
- 21635 ALGERIA RTVA; 1745 (language??), pop mx to 1800, tlk on Islamic religion (Bolland) 2015 EG, nx & wx, pop mx, M DJ, ID at 2030 and Latin mx, vry gd signal (Slomka, Archer) 2302 FR, M DJ who sounds if his mentor was Wolfman Jack (Hauser 7/30)
- 21645 SWEDEN RS; *1700-2035* SW Domestic Svc pgm, USB w/ interviews, Folktones, jazz concert, definite ID's; bird chirp IS prior to xmsn (Bolland 8/9, Colgan, Reinstejn, Behr, Halsema, Bruggeman) Thank for the phone calls & monitoring this freq....bs
- 21650 AUSTRALIA RA; 2100-0500 EG, nx, International Report, orch mx, time pips on hour; //21680 (5 reporters)
- 21655 AUSTRIA ORF; *1155 GM w/ IS, ID; 1230-1255 EG, Letters from Aust., Austrian SW Panorama (Sellers 8/4, Fraser, Archer)
- 21700 UNITED ARAB EMIRATES Dubai; 0145-0230 EG, Top 40 mx, ID, good (Bolland 8/9) 0505 AR, M ann w/ chants, vocal mx, MEast mx, tent ID @0515, poor (Jordan 8/5) 0418, 0801-1014* EG/AR, golden oldies, requests for reports, s/off w/ National Anthem, anncd// 9640, good (Clifford 7/20, Buer, Novello) one ID reported as "Communication-Education-Integration-Good vibrations-here on Emirates Radio in Dubai. " ; 0202-0348* EG, pgm of E-Z listn mx, ID as "U.A.E. in Dubai," freq's given: 21700, 17775 KHz. Said that reports would be verified with a QSL card. fair (Valko 8/2) 0150* w/ EG ID, light mx, vry good (Briscoe 7/13) 0910-1000 EG, request pgm (Krause 7/27)
- Out of room....thanks for the reports...keep up the DX! *Bob*

ANTENNAS/ACCESSORIES

EDITOR: MIKE AGNER c/o DELPHI ASSOCIATES 169 MERRIMACK STREET 4TH FLOOR
LOWELL MA. 01853

Greetings from the Land of Lincoln! Yep, yours truly is out in Illinois at the moment on temporary assignment. So please, everyone, keep sending material to the above address until I (or Mac) announces otherwise. My moving around has caused some disruption, so please bear with me while the dust settles down a bit. Thanx all!

I would like to finish the stuff that W. Conrad Richardson sent me. He included a neat little schematic of his basic shack which seems to describe what he has in a nutshell. So, with everyone's indulgence, I will attempt to reproduce it here (and hope the typists and printer can reproduce it well enough...)



N.B. SPDT, DPDT, ROTARY - ALL SWITCH TYPES

With that impressive-looking scheme, I'd like to take this opportunity to thank Con for all the stuff he sent, and to wish him and his health and happiness for the coming years.

Odds and Ends Department- Well, it's almost been a year, and while everyone was sending me stuff (ahem!) I was accumulating stats as to which accessories were most often used by NASWAers. Here are the results so far;

- a) Preselector- Mizuho SX59
- b) Audio Filter- Autek QF1/1A series
- c) Antenna Tuner- HOMEBREW (!! mja)

A few brief comments, are in order, I think. The homebrew listing under the tuners tells me that there are some people which like to fiddle around and build simple circuits. Most of the time, the circuit was the pi-net variety, an example of which can be found in DXing According to NASWA. The high number of people using preselectors was a real shocker, because we all know just how crowded the SWBC bands are. Possibly the built-in attenuator in the SX59 helped account for its popularity (equipment manufacturers, you listening?)

What, out of room again?? Next time, the Odds and Ends Department takes a look at this editor's boo-boos; then we dip into the ever-growing mailbag. Then we will look at impedance (what does that number represent, anyway?) and maybe even throw in a survey or two for you to answer.

See you next time-73 all!

FRENDX CREDITS



For the October issue, please send all log reports to arrive by Sept. 12 to: GREGG BARES, P.O. Box 345, Watertown, CT, 06795.

Brian ALEXANDER, Mechanicsburg, PA (RF-4900, SX-190)...Rowland F. ARCHER, Jr., Hillsborough, NC (DX-300)...Gregg BARES, Watertown, CT (R-390, RF-2900)...Kirk BAXTER, Mission, KS (R-4E/FS-4)...Ernie BEHR, Kenora, ONT (SPR-4)...Eugene L. BIALEK, Bethesda, MD...Gerry BISHOP, Christiansa, PA...James C. BODLE, Canastota, NY (RF-2800, S-108)...Ceasar BRAGA, Fall River, MA (FRG-7)...Kenneth BRISGOE, New Albany, IN (R-7000 Transoceanic)...Michael J. BRISSETT, West Allis, WI (SX-190, S38E)...Paul BROUILLETTE, Sault Sainte Marie, MI (DX-160)...Robert BROWNE, Memphis, TN (RF-2200)...Todd BUEGLER, Edina, MN (RF-2600)...Paul BUER, Miami, FL (SPR-4/FS-4)...Leslie BYRON, Laurelton, NY (Patrolman 9)...Michael J. CALDERWOOD, Denver, CO (FRG-7)...James C. CLIFFORD, Bamberg, WEST GERMANY (FRG-7, ICF 5900W)...Vladimir CUCURA, Reading, PA (FRG-7000)...Larry CUNNINGHAM, Columbus, OH (FRG-7000)...Richard A. D'ANGELO, Wyomissing, PA...Larry S. DANKO, Livingston, NJ (BCR-101)...K.A. EARHART, Saltsburg, PA & Santa Ana, CA (FRG-7)...Jim FEDOR, San Diego, CA...John C. FISHER, Medicine Hat, ALB (FRG-7)...Bob FRASER, Cohasset, MA (XCR-30)...Sholom GLIKSMAN, Chicago, IL (RF-2800)...Steven GREENYER, Invercargill, NEW ZEALAND (ICF-6800)...Pete GRENIER, Azusa, CA (FRG-7)...Ivan GRISHIN, Don Mills, ONT (XCR-30)...Terry GROVER, Vancouver, WA (Transoceanic)...James J. HALSEMA, Washington, DC (ICF 6700W)...Mike HARDESTER, San Marcos, CA (R-1000, FRG-7000)...Editor Glenn HAUSER, Knoxville, TN (FRG-7, FRG-7mod)...Baxter W. HENSLEY, El Paso, TX (FRG-7)...Emmett J. HOFFMAN, St. Louis, MO (51S-1, R-1530)...Robert L. HOFFMANN II, New Hyde Park, NY (ICF-5900W)...Kenny JOHNS, Jackson, TN (R-1000)...J. R. JONES, Jackson, MS...Rufus JORDAN, Pittsburgh, PA (DX-300, Transoceanic)...Sandor I. KETZIS, Woodbridge, VA (ICF-5900W)...Paul KOWALSKI, Milwaukee, WI (SX-190, RF-2900)...William KRAUSE, Anoka, MN (R7). Editor Terry L. KRUEGER, Casselberry, FL (RF-4900)...Jeff KRUSZKA, Elyria, OH (JC Penny 8-band)...Dan LANG, Murrysville, PA (Nordmende Mesa 6606)...Jack K. LATTEMANN, Seattle, WA (FRG-7mod)...Chris LOBELLE, Stoneham, MA...Cookie LUCAS, Salix, PA (DX-160)...Richard LUCAS, Stockton, CA (R-1000)...Clarence E. MAISE, Jr., Lafitte, LA (FRG-7)...Donald McCANTS, Belle Chasse, LA (RF-2800)...Donald MINOR, Tempe, AZ (DX-300, RF-4900mod)...Don MOMAN, Edmonton, ALB (R-7, SPR-4/FS-4)...Don MOORE, Bellefonte, PA (XCR-30)...four Don's in a row!...Ralf F. MUNSTER, Decatur, GA (R-7/DR-7, SPR-4)...Scott NELSON, Parshall, ND (HQ-100)...Jay NOVELLO, Endicott, NY (R-7, RF-2800)...Wildgar A. PICKARD II, Evanston, IL (R-7)...George J. POPPIN, Finn Rock, OR. James POSPORELIS, Troy, NY (RF-2200)...Martin H. POTTER, Limoges, ONT (R-4C, SB-310)...Edward J. PYATT, Atlanta, GA (ICF-200L)...Ben RADCLIFF, Ottawa, IL (SB-310)...Robert L. RANKIN, Lawrence, KS (R-7/DR-7)...Andy REID, Peterborough, ONT (S-53A)...Steven H. REINSTEIN, Miramar, FL (RF-4900mod, RF-2200)...David REITZ, Fern Creek, KY (DX-160)...Bill REYNOLDS, Amherst, NY (DX-300, SW-4A, DX-40)...Chris SAMUEL, Winnipeg, MAN (RF-2800)...Wayne SCHANKE, New Holstein, WI...Harold T. SELLERS, Scarborough, ONT (RF-2800)...Mike SIMASCHKO, Milwaukee, WI (DX-300, Transoceanic)...Beverly SLOMKA, Brooklyn, NY...Edward G. STROH, Riverdale, IL (SPR-4)...Kevin SZOT, Sac Paulo, BRAZIL (R-4B)...Glenn L. THOMPSON, Deming, NM (FRG-7)...Dave VALKO, Dunlo, PA (FRG-7, DX-160)...Dr. Tom WILLIAMSON, Quezaltenango, GUATEMALA (SSR-1)...Robert R. ZILMER, Rio Rancho, NM (ICF 5900W)...

We had a total of 80 reporters to the September Log Report, a substantial increase in number from August. As vacation time winds down hopefully even more people will have time to contribute next time. Presumably due to the labor problems in Poland, the USSR is again jamming the VOA, BBC, and DW; one wonders how long it will continue. Wishing you the best of DX, 73 de G

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