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Welcome to 35 new members joining in time to receive the August issue of FRENDEX. We hope they find their new membership to be helpful.

ANDERSON, Gerald R., Ewa Beach, HI
 BABCOCK, Frank R., Seattle, WA
 BOSTWICK, William, Alameda, CA
 BRAGA, Ceasar, Jr., Fall River, MA
 BYWATER, Richard, Bowling Green, KY**
 CLARK, Dean, Clarksville, TX
 CLAYTON, Chris, Salt Lake City, UT
 DALGLEISH, Brent, Prescott, Ont.
 FARKAS, Ladislav, Maule, Chile
 FITZSIMMONS, D.P., San Francisco, CA
 FOLLENSBEE, Burton G., Hallowell, ME
 GALLUCCI, James D., Portland, OR **/GA
 GARNER, Patrick C., St. Simons Island
 HAPANOWICZ, Bruce S., Utica, NY
 HEPPE, Michael A., Houston, TX
 HESCH, Ruth M., White Plains, NY
 HILLIKER, Jim V., Anaheim, CA
 IRWIN, Douglas, Durham, NH
 JOHNSON, Chester R., Alexandria, IN

LAAG, Robert, Riverside, CA
 LUNNA, William D., Swanton, VT
 NONEMAN, Claude A., E. Lansing, MI
 ORCUTT, Frank F., Alameda, CA **
 PENNINGTON, Mark, Paris, IL
 QUTTAINEH, Majed A., North Miami, FL
 SIPOS, Stephen I., Jr., Waukegan, IL
 SIAZAS, Tom, Detroit, MI
 SLOAN, Bud EP, Boonville, CA
 SREBNICK, Daniel, Staten Island, NY
 SURFACE, Charles L., Anderson, IN
 TEDFORD, James, White Cloud, MI
 WALLACE, R. Mark, Hoboken, NJ
 WEINSTEIN, Robert E., Boulder, CO
 ZANER, John C., Heflin, AL
 ZIATKIN, Lawrence J., Montreal, Que.

** Welcome back to NASWA after a short absence!

* * * * *

"WORLDWIDE LISTENERS GUIDE TO THE RADIO SPECTRUM" A new 25" X 35" multi-color wall reference chart which lists frequency, type station, and location of over 500 stations of all types operating from 10 kHz to 30 MHz. This would make an attractive wall decor as well as being useful. They can be obtained direct from Radio Publication Co., P.O. Box 28, Lake Geneva, WI 53147 for \$4.50 postpaid and mailed in a sturdy mailing tube.

NEW ENGLAND AREA DXERS OUTING: Although this affair has been and will be mentioned elsewhere in FRENDEX, we feel it worthy of some extra mention since our own QSL Report editor, Sam Barto is the coordinator of this event.

Sam tells us this will be one of the largest outings of its type in North America and that all radio hobbyists are invited. It will be held on Sept. 4, 1979 at Black Rock State Park in Watertown, CT, and we gather it is an all date affair.

Everything being planned for this fourth annual event is to lengthy to be mentioned here, but detailed information is available for a self addressed and stamped business size envelope sent to Sam Barto, NEAD XO Coordinator, 245 Cherry Ave., J-11, Watertown, CT 06795.

FOR CANADIAN MEMBERS ONLY: Montreal area DXers are invited to a "DX Pic-Nic" being organized by the Montreal section of the club DX Québecois to be held at the Metro Station on Ile-Ste-Hélène, face of Biosphere on August 26, 1979. For more information, call DENIS BEAUREGARD at 637-7002 or write to him at 2425 Rue St-Antoine, Lachine, Que. H8S 1V9.....HAM TRADERS, INC., 45 Brisbane Road, Unit 18, Downsview, Ont. M3J 2K1 advise they will send NASWA members a free and postpaid copy of their latest catalog if requested. They mention that while their present catalog is mainly amateur gear, they will be adding more shortwave items as time goes along.

NASWA

A REPORT FROM
HEADQUARTERS

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

THANKS TOM GAVARAS FOR A JOB WELL DONE! At the beginning of Tom Gavaras' IR-C section in the July Log Report of FRENDX, he touched on the fact that he would be stepping down soon as one of FRENDX's Log Report editors due to an anticipated increased work load during his senior year in college. HQ was not aware of this in time to be mentioned in last months HQ page.

As Tom mentioned, his first column appeared in the February, 1976 issue. It has appeared in the following 42 issues without fail which represents well over 200 pages of log reports containing thousands of items requiring countless hours of time to compile. Needless to say, we are sorry to lose our senior Log Report editor, but understand that no one can be expected to continue forever. We know all appreciate his efforts, and wish him well. Also, we hope he may find time to contribute to FRENDX in other ways in the future. We have several persons being considered as Tom's replacement, and possibly we will be able to announce our choice in the next issue.

NASWA DX INFORMATION NET: In April FRENDX, Alan Mayer (WD91RU) ask for those members who were amateur radio station operators (hams) to contact him if they would be interested in organizing a SWBC DX information net.

Alan reports that response was encouraging, so he will give it a try. Starting Sunday August 19, 1979 at 1600 UTC on about 21365 kHz on the 15 meter band, and depending on the response, that schedule will be weekly thereafter although some modifications may be made as things proceed.

We are pleased that this is about to come about because we see so many proposed ideas fall apart due to lack of interest or participation, so we hope this gains ground as time goes along.

MORE ABOUT "ANTENNAS/ACCESSORIES" In the June FRENDX, we mentioned a new feature to be known as "Antennas/Accessories" would appear in FRENDX from time to time. In our haste, we overlooked mentioning several important facts which should have been included in our announcement.

First, that this feature is a revival of a similar series which appeared in FRENDX some years back and featured hints and ideas on antenna construction as well as comments on accessories (other than receivers) which members would like to pass along to others.

To get this feature started, editor Mike Agner asks for brief descriptions and/or comments on antennas and accessories being used by our various members for their DXing which they might want to recommend to others. Such material should be sent to Mike Agner, c/o Delphi Associates, 12 New England Park, Burlington, MA 01803. This was a popular feature when it previously appeared, and we hope enough will respond so it to make it possible.

LAST CALL FOR NASWA MEMBERSHIP DIRECTORY: Response to our announcement in the July FRENDX about the new NASWA membership directory was far from overwhelming, so we will repeat it one more time in case some may have missed it.

This 40 page directory of the names and addresses of over 1,900 NASWA members, which is current as of June 1, 1979, can be obtained by members only from NASWA's HQ address. North American members can send .75 cents in U.S. or Canadian coins or in mint U.S. stamps only. Overseas members can obtain theirs for 3 IRC's by surface mail or 5 IRC's by airmail.

As mentioned in our first announcement, this is a limited printing and will be available only while the supply lasts.

FREE THINGS TO WRITE FOR: Here are some things available upon request. RADIO WEST, 3417 Purer Road, Escondido, CA 92025 are having a summer sale, and a new four page list of new and used equipment is available for the asking. RADIOS INTERNATIONAL, P.O. Box 6053, Richardson, TX 75080 have started their second year as a supplier and announce their new 1979 Catalog-B which is now available for the asking, although a SASE is suggested for quicker response. GILFER SHORTNAVE, P.O. Box 239, Park Ridge, NJ 07656 have a new catalog listing receivers, antennas, accessories, books, and hard to get items of interest to the radio hobbyist.

shortwave CENTER



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

AUGUST 1979

DX Shack

IDEAS FOR THE DX SHACK

by John W. Creamer, 670 S. Canosa Ct., Denver, CO 80219

These hints and kinks are directed to the many new members of NASWA (experienced or not in the DXing hobby). . . Old Timers may say "Why didn't I think of that?"

When it comes to remembering QTH's or radio shack locations, I will confess to having lived in over 10 different cities. My listening posts were sometimes in the basement of our home, other times in small closets, but no matter where my receivers were located, I was very happy and was always trying to improve on my reception.

Like many other DXers, I have learned much about the arrangement of receivers, and various other items connected with listening, logging stations heard, etc. Now I gladly share with others different ideas that have helped me to make my hobby a pleasure. . . I will tell you what I did to improve, and then if you think you would like to try these ideas out -- why go ahead and combine them with your own ideas, you can always better another person's plans!

LOCATION: If you can place your radio table holding receivers, speakers, clock, and other items close by a window, it will be a big aid to you. . . perhaps you can bring your antenna lead-ins near the window, or you can bring them in through a basement window, and up through a floor heating grate to your table.

RADIO TABLE: I am using a very strong and well built table just two feet square, but to the table top I bolted a 3' x 4' piece of $\frac{1}{2}$ " plywood, thus my table working area is ample. Next on the side of your table where you want to sit, cut out of the plywood a half circle about 6" in from the edge. . . this is to allow you to pull your body up closer. Get the idea?

110-115 VOLT SERVICE: Get a multiple outlet box having about six 3 prong receptacles and a switch .. the better boxes come with a circuit breaker and a pilot light. Using this neat arrangement allows you to plug in your receivers, lamps, fan, or whatever... it also permits you to shut off all items when you leave the table. But do not plug your electric clock into it.

SHELVES FOR RECEIVERS, ETC.: If your table top is at least 3 feet from front to back, and about 4 feet from side to side, you may find it useful to provide for several shelves, each about 12" deep from the back wall of the table towards your chair. Fasten shelf supports made from 2" x 7" lumber, 12 inches long to the table using small metal brackets. These supports are to hold the lower shelf about 7" above the table top. You will need to fasten upright side supports made of 1" lumber to the left and the right 2" x 7" lower supports, then above the first shelf you can build other shelves if you wish and where you wish. I use a total of three shelves, the top one is about 19" above the table top and the middle shelf is 12" above the table. On the different shelves, arrange your lighting to shine downwards on the table.

REASON FOR SHELVES: The reason is to be able to raise your receivers up above the table top, to give you working room, for papers, books, etc., at table level where you need space. You will always see radio shack pictures with the receiver on the table, thus when you use them, you are always looking downward at the dials.

I have tried all different arrangements, and I have found it better to place the receiver and speaker on a shelf about 12" above the table, this puts your receiver front controls, dials, etc. at "eye level", making it so much easier and relaxing when tuning. And your one or more speakers are level with your ears. You won't believe it until you try it out.

AUXILIARY PHONE RECEPTACLE: If your receiver has a receptacle on the front panel for head phones, I will bet (regardless of what level your receiver is at) that your phone cords

now dangle across the table top when you use them. Right?

There is no reason or need for this, letting the cords lay on the table, and always in the way. Simply get another phone plug, some small 2 conductor wire (even lamp cord), and another phone jack. Place the added phone plug in your receiver front panel, and run the wire from the plug straight down to the table top. Then, if possible, drill a small hole through the table (if that is not possible, simply run the wire over the back or side edge of the table) and lead it underneath to either front left or right side of the table. Arrange a metal bracket to hold the phone jack, then plug your head set into this jack. Use a hook to hold the phones when not in use, and your table top will always be clear for you--when you wish to use your speaker, you just pull the plug out of the front panel.

And while I am thinking about it -- if you are bedfast, or if any friend of yours is, a shortwave receiver at your bed is a wonderful help. I once visited an invalid, who had a movable arrangement over the top of the bed clothes that permitted the pulling of the shelf with receiver on it up to where the person could tune it. It could also be pushed to the foot of the bed.

The arrangement was made of two pieces of 1" x 12" lumber, one on each side of the bed, these stood vertical, with the shelf of 1" x 12" lumber from one side to the other. Underneath the bed at floor level, these two side pieces were joined to make them rigid (along with appropriate metal braces) and small metal rollers permitted the arrangement to slide easily up and down the bed.

You could do nothing better, nor more appreciated, than to build something similar for that dear person you know of.

DX Shack II

THE ULTIMATE HAM - DX SWL SHACK

by James W. Young, Box 576, Wrightwood, CA 92397

To the beginning SWLer, even a small portable with a whip antenna affords he or she with a new and exciting hobby venture. There are few of us that have not imagined the BBC Monitoring stations with their exotic receivers and massive antenna farms. Sitting at a big console with all that 'power' at ones finger tips means nearly arm-chair copy of the Falkland Islands, or whatever dream you might have. But, alas, our dream fades back to that portable and whip. So where does one go from there, we ask? Patience, time, and yes, some money always helps. To me, if you ask, I will tell each one the same thing; PATIENCE! If your interests are solid, if you are willing to work towards a goal, if you want the ultimate, then take the necessary time; 5 years, 10 years, 20 years, or whatever!

My radio interest started in 1949 listening to AM stations from my boyhood home in Portland, Oregon. WOW! I heard Chicago, Los Angeles, Dallas, New Orleans. In 1955, after a move to Seattle, my father bought me my first real radio, a Hammarlund HQ-100AC (still impressively sitting next to me this very moment). I had become a 'ham' WN7FTT. I talked to 23 states in 6 months with a kit transmitter and the HQ-100 resting on a door between two saw-horses in the cold basement. I had my ultimate shack then! Between ham contacts, I heard Sweden, Japan, Moscow, HCJB, on the SWBC bands, even had the QSLs by the time my father had fixed up and remodeled our house. I had my own room, and he even built me a desk with a glass top. So after my license expired, I kept up on SWLing. The WRTVH found its way to my warmer and neater shack in 1960.

I took some time off to go to college and then the U.S. Army, and returned to my next residence in Port Angeles, Washington. Then on to the Seattle World's Fair in 1962, back to Seattle with my trusty radio, 3 x 5 card files, and 60 or so QSLs. I still had that glass top desk, and seldom was the glass cold on weekends as I sat up all nite doing my thing. I was then living at a friends house, boarding while working at the Fair.

The call to come to California in October, 1962, saw me leave Seattle with my 1954 Chevy convertible towing a small covered U-Haul trailer. Three days later I pulled into Wrightwood, stepped out of the car, smelled the fresh pine scented air, and took a few pictures. One of those pictures shows the chimney of the very house I was to buy three months later, the same chimney that is 10 feet from me at this very moment. That was some 17 years ago.

When I found this small house of 850 square feet with an upstairs shell for an attic, I never dreamed of the final results that are now a reality. The house was in the open, away from the trees, in the center of a shallow valley. I did not buy it because of the great location for antennas, etc., but because the price was low and affordable! I soon set up my

shack in the little single bedroom, and strung a 20 metre folded dipole that just fit between the chimney on the east and a four foot pole above the roofline on the west. That was 1963.

By 1965, I was upstairs in the attic, away from the bedroom that was too small for my bride, myself, a new dresser and bed. I had added two more 20 metre folded dipoles, to that by the new knife switching arrangement I had, I could select N-S, E-W, or SW-NE orientations. I also had built a kit preselector out of Popular Electronics. It was my ultimate shack!

In 1967, I bought through Allied Radio, a big brand new dream receiver, a Hammarlund HQ-180A. I joined several clubs, began SWling in seriousness, wrote reports, and finally got the 100th SWBC country QSLed. My desk was so very small, or was it that I had too much on it? I pulled the desk 12 inches away from the corner wall both forward and to the side, built up leaves, as you might call them, built an antenna tuner, and added a 100 kHz calibrator. I began to DX the lower frequencies, picking up African regions I never thought possible. I joined more clubs. I became very interested in SWling the ham bands, and soon had over 300 countries confirmed. My file cabinets were too small, or was it that I had too many 3 x 5 cards to put in them? Not only that, but a working companion at the Observatory was a ham, he recently moved to Wrightwood, cleaned out his garage, and gave me cabinets and radio parts till they nearly rolled down the step stairway, just outside my room.

In 1971 I became a ham again, W6FNI, but this time I kept my ticket and soon became a general class with WB6FNI my present call. Another ham in town was forced to move and sold his Viking II transmitter for next to nothing. It was (and is) bigger and heavier than the Hammarlund HQ-180A. Now where was that going? I added a filing cabinet, another leaf to the desk, and a parts cabinet on the far side. My original desk was now twice its original size! It was at this stage I began to dream of the exotic or as I put it, the ULTIMATE shack. I cut a part of the desk out, set the HQ-180A at an inclined angle, put extra legs on the front of the other equipment, and the shack looked a little more impressive, and useful, I might add. But it was still too small. I had designed a BCB antenna tuner nearly half the size of the receivers and also purchased a ham band tuner of similar size. My equipment was stacked two and three high against my attic slanted roof-line. It was staggering, but absolutely absurd at the sight of the two miles of wire I must have had behind everything. My shack was now a cramped small closet. What was I to do?

In the summer of 1977, it was remodel time. We added nearly 1000 square feet of living space in which I, as the designer of the remodel plans, had so generously provided for the ULTIMATE shack. Needless to say, I sit here typing this story at the desk that is 8 feet long and 6 feet wide with a cut out center and wrap-around 200 degrees of console space. The desk is 1½ inches thick, supported by two legs near the center, with additional support from the old desk my father built, or at least the drawer section from that desk; the very end section of the desk supported by a business size low-boy file cabinet. I have added a LF military receiver, a seven digit frequency marker/generator, another (yes!) HQ-180A, and an SX-190. There are four speakers, three preselectors, a cassette recorder, a reel-to-reel recorder, a new calibrator, audio jacks for diversity reception, and separate controls for all types of recording from any receiver. A 'T-R' switch as I still ham a bit, a five antenna switch, BCB loop hanger, and an audio filter round out the shack. All my line voltages are monitored and set by a massive 30 amp autotransformer. I even added several more antennas, one of which is a 235 foot inverted V up 70 feet at the apex. This is the best overall antenna, especially for the VLF, BCB, and the tropical bands, as well as the 160 metre ham band.

The ultimate shack here in Wrightwood took years to acquire, and years of patience. Less than a month ago my own son listened to four different SWBC stations, sent for QSLs, and got the bug. "Boy, would I like to have a receiver of my own," was his remark. Oh, and for you curious ones, NO, I have not yet logged the Falkland Islands, nor Tristan da Cunha, but, who knows!

RF-2900

LISTENING TO THE PANASONIC RF-2900

by Malcolm Kaufman, 244 Fieldston Terrace, 8E
Bronx, NY 10471

I recently purchased the upgraded digital Panasonic portable - the RF-2900 with readout on all bands. Here are a few comments that fellow DXers may want to weigh in considering a purchase.

I was able to purchase the receiver at a discount house in New York City, paying only \$185, considerably less than what others paid elsewhere for the 2800. For all-band digital

readout the price is certainly reasonable enough.

The FM band seems adequate, though in a test with Jeff Stover and Chris Hansen, the Sony ICF-5900 seemed to perform better on marginal, deep-fringe stations. If you intend to DX FM, you may be disappointed; if you're just listening to area outlets, there should be no problem. The readout on FM registered in 100 kHz increments (98.7; 98.8, 98.9, etc.). There are receivers that readout every 10 kHz (98.90, 98.91, 98.92, etc.). I can see the need for readout to two decimal places. When the Panasonic reads a given frequency, the listener is not necessarily right on the station. A readout of, say 99.5, could actually be 99.53 or 99.55, necessitating fine tuning. There is no such problem on AM where resolution is down to 1 kHz. The listener knows he or she is right on 880, for example, as opposed to 881 or 879 kHz; any additional fine tuning is unnecessary.

I presently live in a steel-reinforced apartment building where AM response is poor. I imagine listeners in situations where more signal actually reaches the internal loop will experience much of the same AM overload common to most of the "new generation" SW portables. DXers in rural or semi-rural areas should have no problem.

As for the SW bands, the readout is accurate to 1 kHz and can be adjusted if necessary through the use of the BFO switch and SW calibration dial. Selectivity in the narrow mode seems reasonably adequate. A recent IRCA technical column points out that the 2900 has been improved over the 2800 and 4800, so a purchaser shouldn't rush to have the set modified for selectivity before actually using it for a while.

Otherwise, performance on the SW bands did not measure up to this owner's expectations. Drift is a very serious problem. The set needs constant retuning, even after an hour or more of operation. This makes unattended taping impractical, and for a SWL like myself, who may listen to a major broadcaster for several hours while attending to various chores, repeated trips back to the receiver for retuning are a downright nuisance. This drift is serious - as much as 2 kHz in 5 minutes, and I find it inexcusable in a solid-state receiver. Problems like this should have been resolved with the refinement of transistor technology.

Equally disturbing is the presence of numerous birdies across the SW bands. The problem is particularly serious in the tropical bands, though no band is completely birdie free. The problem has rendered such major international broadcast frequencies as 15070 (BBC), 17630 (IBA's Reshet Bet frequency), and 12060 (RMWS) useless. Like the images plaguing the 2800 and 4800, the problem seems attributable to a second IF stage that is much too low in frequency - only 2 MHz. Such an arrangement defeats many of the advantages of double conversion -- images are usually found only on single conversion sets. Comparison with a 2800 indicates that the birdies are just as prevalent with that model; it's surprising that other DXers haven't noticed them, or at least commented on the problem in the pages of the DX press. The 2900 has the same image problems as the 2800.

These shortcomings have to be balanced against the unit's very reasonable pricing. All-band digital readout at under \$200 is going to require cutting corners somewhere. The individual DXer will have to decide whether he or she can live with drift and birdies in light of the modest price.

SW Marriage

FROM SHORTWAVE TO ACTION BANDS - OR A MARRIAGE OF HERE AND THERE by Mrs. Beverly Slomka, 273 Bay 8th St., Brooklyn, NY 11228

I am a shortwave listener with a 5 to 15 megahertz Hallicrafters SW receiver. My Husband listens to a Bearcat 210 scanner with selected frequencies from 30 megahertz to 518 megahertz. I am interested in the world, and while my husband is interested in it too, he likes to be on top of what comes across the higher frequencies in our immediate vicinity.

With both types of receivers in our home, we have gotten a sense of being in touch with life and events as never before. While my shortwave receiver has brought me many hours of pleasurable listening to music, talks, and news, his receiver, with the public services it monitors, has served as a vital, and at one time, almost life-saving thing. He can listen to fire, police, Red Cross, Emergency services, marine, ham operators, and countless other things in the five boroughs of New York City. Only a few months ago, our area was in possible danger due to a gasoline leakage from a barge. We were the first to hear of it, to know of the danger and could have evacuated if need be in plenty of time.

Basically, though, we share the information and insights we receive through our radios.

He lets me know any interesting happening in our area. I, in turn, tell him of any new station I hear or any new bit of worldly information. He has stayed up with me to listen to some program at 0800 GMT (3 a.m. our time) and I have gone out with him on a Red Cross assignment fully bedecked with uniform and crash helmet. In the meantime, he helps me with the technical end of my receiver which I know from nothing to very little about.

Yes, there are times I grow weary of hearing the tragedy he often hears on the scanner, and then he lets me have it with the fact that he supposes I only like to listen to some operatic music on the BBC. Mostly, however, the relationship is a harmonious one.

While I know such things as scanners and shortwave radios have wrought havoc in some marriages, they have brought us closer together in ours. We have lots of fun with what we hear on them, as well as times for serious thought. In short, when anyone comes to our home, they not only get coffee or tea, but either shortwave or action bands as well.

R Sandino

CLANDESTINE VS. NATIONAL

by Juan Patricio Salas, Santo Domingo DX Club SDXC, Apartado 17-12, Santo Domingo, Republica Dominicana

After several days passed without my hearing Radio Sandino, I heard them on the same frequency of 7588 kHz at 0430 on Saturday, 2 June. Their signal was strong, compared with other times, interference was regular, and fading was slight.

However, after several minutes of listening, some continuous oscillations began and five minutes later RS was completely covered with American music and folk songs of Nicaragua that were pleasing to Somosa; for example "Que viva - Somosa" and praises as "El esfuerzo en la montana y en la costa, Somosa, Somosa; con la esperanza de Somosa Nicaragua sera. . . grandiosa, grandiosa."

That began while Radio Sandino put on an interview with Jose Somosa, Inspector General of the National Guard charged with the defense of Managua, made while he was drunk, according to the broadcaster. This interview couldn't be heard because of Somosa's station jaming with possibly double the power of RS.

I noticed that apparently the audio signal at the Somosa station was being input with more dB than the microphone resistance of the transmitter allowed, resulting in distortion. The Somosa station did not identify itself. Using my receiver controls, I could make some of the noises disappear, but the competition between the stations was being won by the Somosa station.



I also heard the blocker station on 6 and 7 June with the sound problem resolved. On the 7th I was listening to RS with Jose Radhames Caberra in my HQ, but when the Somosa station signed on at 0447, we turned off my Panasonic RF-2200 and listened to recordings of past RS programs. In the morning (8 June) I turned on my receiver and heard the Sandinist Front station with greater power than ever before at 7:10 a.m. local time (1110 GMT) on 7587. The broadcast ended at 1230 GMT after the news. It was a great experience to hear this radio battle between the clandestine station and the national radio jammer.

I hope that, after the Nicaragua conflict is over, many new shortwave stations will be born there.

Tape Your DX

SLOOWW IT DOWN OR SPD IT UP!

by Syd Osterman, Toronto, Ontario

I refer to your tape recorder or cassette machine. A Pitch or speed control is a very handy thing to have. It will enable you to increase or decrease the speed of the tape by up to 20%. I can hear my readers saying, "so what." So this, when you are trying to interpret the man from Uganda or Ghana who seems to be all lips and no tongue, just speed him up by 5 to 10% and presto, you will be able to understand him. Trying to catch up with the tinkling

lady from the Far East? Well, slow her down by around 10% and she will begin to sound like the man from Uganda!

Pitch controls are found on a few tape machines and are well worth having if you are a serious DXer, and would like a little help with those language and ID problems that we all experience. Check out recorders with pitch controls. After you do so, I suspect that you will want one too! Note: Obviously the speed is changed only on playback so that tapes can still be played on other machines.

Clarence

ACROSS THE BAND

Moore

by Daniel L. Nevels, Box 607, Rougon, LA 70773

Clarence Moore, W9LZX and inventor of the quad antenna, passed away suddenly on 24 January, 1979, at his home in Syracuse, Indiana. He was a minister in the United Missionary Church and developed the quad while serving as an engineer at Missionary Station HCJB in Quito, Ecuador. He had been recently honored with a lifetime HClJB license by the Ecuadorian government and was working on a new antenna design when he died at 75 (Thanks to W8WU, K8IRJ (HR Report)).

The story of the quad antenna started in the year 1939 when a group of radio engineers from the United States traveled to Ecuador in South America to install and maintain the missionary station HCJB. The new radio station was located in Quito, high in the Andes Mountains. With a carrier power of 10,000 watts, HCJB was to transmit the Gospel to the North American Continent in the 25 metre band.

The engineers at HCJB built a gigantic four element parasitic beam and centered it on North America. The excitement of this first transmission was dampened when the antenna slowly started to disintegrate. The antenna glowed red at the tips, as huge bolts of electricity jumped from the element tips into the cool Ecuadorian air. Part of the beam tips that glowed red fell to the ground. The sound of sizzling and crackling was heard up to half a mile away. It soon became apparent that the antenna was slowly being destroyed by corona discharge. A solution had to be found if HCJB was to continue broadcasting.

Clarence Moore, one of the engineers at HCJB, was assigned the job of solving the problem of corona discharge. The high voltage at the beam tips and the easily ionized air at the two mile high transmitter site, presented a real challenge to him. Clarence first placed six inch copper balls on the element tips. This was only a temporary measure. The copper balls detuned the antenna and in damp weather the corona discharge was still present. If HCJB was to remain on the air, something had to be done.

In the summer of 1942, Clarence took a short vacation to the coast of Ecuador. He was convinced that with the help of God, he could solve the problem. The thought slowly unfolded to him as divine inspiration. The quad shaped antenna grew from the idea of a pulled open folded dipole.

Clarence rushed back to Quito with his new idea. The crew hastily built a two element quad and erected on the tower at HCJB. They started the transmitter and waited with great anticipation. As night fell and dew collected on the quad, not once did a violent corona discharge occur. It seemed that the problem was finally solved. SWL reports began to pile into the station with high signal reports. The reports confirmed the outstanding results with the quad antenna.

When Clarence later returned to the United States, he applied for a patent to cover the new antenna. The quad soon became popular among the SW stations in Central America. Clarence built several quads for the broadcast station. He also built one for 20 metres. The outstanding signal of HClJB brought him inquiries about his new antenna. Later the quad was built and used by amateurs in the 20 and 10 metre bands.

Whenever there is a gathering of DXers, you can bet that the quad is the foremost topic in a discussion of antennas. Clarence Moore's absence is deeply felt.

HCJB can be heard on the 11745, 11915, and 9560 kHz outlets starting at 0040 GMT, actual programming starts at 0100 with Passport. HCJB also has an amateur radio club. You can talk to the hams at HCJB (they are the engineers that operate the station) on Saturdays at 2100-2200 GMT on 28580 on 10 metres or 21280 on 15 metres. Those of our readers who are hams, give them a shout, they will be listening for you.

Mizuho sx-59

A REVIEW OF THE MIZUHO SX-59 PRESELECTOR/PREAMPLIFIER

by Don Dickey, 9130 12th Ave. South, Minneapolis, MN 55420

The Mizuho preamplifier/preselector was originally created for ham use, but Perry Ferrell at Gilfer Associates modified the unit for DXers by shunting the remote terminals on the rear panel which were provided for a transceiver.

Front panel controls are as follows; left to right, 1. attenuator switch (off-on), 2. RF gain and power switch, 3. band selector with three positions for tuning 3-7 MHz, 7-14 MHz, 14-30 MHz, 4. Tuning dial for precise adjustment, 5. LED red light to show the unit is on.

The rear panel has two screw-on coax connectors, one for direct connection to the antenna and the other for the receiver. Gilfer installs two RCA type jacks so that you can use either type of connection. The remote terminals are made inoperative by shunting. The rear panel power cord connects to house current.

The SX-59 comes in an attractive metal cabinet that measures 6" wide by 2 7/8" high (including the rubber feet), by 5 3/4" deep. My SX-59 sits atop my antenna switch. I can switch the preamplifier/preselector to all six of my receivers.

On weak signals I have noted as much as 20 dB signal strength increase on my modified 1978 model Yaesu FRG-7000 and a very definite improvement in my Drake SPR-4.

The Mizuho SX-59 is available from Gilfer, P. O. Box 239, Park Ridge, NJ 07656, for \$87.00.

Book Review

SHORTWAVE PROPAGATION HANDBOOK - A REVIEW

by Bill Smith, 145 Deryl St., Eunice, LA 70535

I have finished reading a copy of the recently published The Shortwave Propagation Handbook co-authored by George Jacobs and Theodore J. Cohen. The book is published by Cowan Publishing Corp., 14 Vanderventer Ave., Port Washington, NY 11050, and available from them and other sources, such as Gilfer, P. O. Box 239, Park Ridge, NJ 07656, for \$7.50.

For nearly 30 years I have purchased nearly every available book intended for the layman and hobbyist on the subjects of antennas, propagation, shortwave listening, amateur radio and associated topics. Frankly, within the pages of The Shortwave Propagation Handbook I find nothing new, but rather a well-written, simple-termed, near textbook collection of facts that most anyone who has spent time dialing a shortwave radio has observed, if not understood.

I would estimate that many shortwave buffs care only about what they can log and not about why or how the DX signals reached their antennas. To these individuals I suggest you are missing the plot of the DXing mystery. If you don't care how that signal reached you, forget the Handbook. If you do, the \$7.50 is well spent.

The first 28 pages of the 155 page work is a rehash of similar first chapters in many buff books, but more informative than most. The meat of the book starts with chapter 2 and continues non-stop for five additional chapters.

Propagation is a complex field, so don't expect to spend a couple of evenings reading the Handbook and instantly become an expert. There is more than enough information in the book to make yourself knowledgeable in the field, but the Handbook becomes a reference for constant use rather than a dust collector after the initial reading.

There is little specifically written directly to the shortwave broadcast bands other than a single chart that shows information on how the 20-meter amateur band relates to the 19 and 25 meter SWBC bands and so forth. But frequency spectrum is spectrum, whether it is 19 meters or 20.

Jacobs and Cohen are both amateurs, so the book is written toward the amateur radio market, except as mentioned in the above paragraph. Their so-called "Master DX Propagation Charts" on which a goodly portion of the book is based are referenced to transmitter power of 1 kilowatt effective radiated power (ERP). In this day of SWBC stations operating with ERPs of 5 million watts or more, this reference becomes rather invalid except in the case of the low-powered broadcasters below 5 MHz or so..

There is, however, worthwhile information on the so-called "gray line" method of DXing the lower shortwave frequencies and how the "gray line" works, although I suspect this generally is well-known by the 60 metre DXer.

All in all I find The Shortwave Propagation Handbook generally good. If you want a reference book on propagation, the Handbook is a good buy. If you want a story book, forget the Handbook or anything similar on the field of propagation -- it just doesn't happen.

In closing, I would congratulate the authors and the publisher for printing a book nearly free of typo errors and mis-labeled charts, much unlike the sloppy work of the much-heralded World DX Guide by Radio Nederland's Jim Vastenhou, whom I doubt ever had an opportunity to proof-read the text once it was typeset.

FEBC

FEBC, THE STUPENDOUS FAR EAST BROADCASTING COMPANY

by Terry Concannon, 11918 Groveside Ave.
Whittier, CA 90604

The Far East Broadcasting Company means a lot of things to a lot of people. It may mean the Philippines to some people, San Francisco or the Seychelles Islands to others. The truth is, the Far East Broadcasting Company (or FEBC for short) is all of those things and more, much more. The history of FEBC is a story of hard work and success.

It all began in 1945. That year, three men, Robert Bowman, John Broger, and William Roberts, put together their total resources of \$1000 to establish a christian broadcasting organization. On 20 December 1945, with absolutely no financial backing and no permit even to build a radio station, the Far East Broadcasting Company was incorporated. By 4 September 1948, FEBC in Manila was granted a franchise to build two 10 kW transmitters in the Philippines. Then came the big day. It was 4 June 1948 and it was raining. But, despite this, there were happy faces inside the studios of FEBC, as John Broger announced the first broadcast of KZAS, the "Call of the Orient" station, situated in Manila, Philippines, on mediumwave.

This broadcast brought forth even better things from FEBC. One year after KZAS (now DZAS) went on the air, the first shortwave operation, DZH6, was initiated. This, like KZAS, was a domestic service for the peoples of the Philippines, and it broadcasted on the tropical bands.

Still another year later, FEBC launched its first international shortwave station. Its call was DZH7 and it broadcasted in the 31 metre band. The years that followed saw the addition of three more shortwave stations. By this time, FEBC was broadcasting in 30 languages and dialects and was rapidly gaining recognition in international broadcasting as a major shortwave voice.

In 1952, a sixth international shortwave station was placed on the air. 1954 proved to hold another breakthrough for FEBC as DZFE, FEBC's first FM station, began broadcasting from Manila. Known as "Manila's Fine Music Station", it was very popular with the intellectuals of the Manila area because of its thought-provoking gospel messages.

FEBC acquired from the Voice of America two shortwave stations and their antenna systems in 1956. One of these now serves in the 13 metre band. Many other stations were acquired within the next 23 years to make a total count of 14 Philippine transmitters.

The hub of all this FEBC activity throughout the years has been the Christian Radio City in Manila (or CRCM for short). On its original 12.5 acres, CRCM today contains housing for missionary and national broadcasters, transmitting equipment, recording studios, administrative offices, and the largest missionary printing operation in all of East Asia. If you would like to know more about this broadcasting conglomerate, why not write to: FEBC Radio International, Box 1, Valenzuela, Metro Manila, Philippines.

The FEBC also operates well known shortwave stations in San Francisco (KGEI), and the Seychelles Islands (FEBA). KGEI has two shortwave transmitters which beam programs to East Asia and Latin America in 7 languages. These transmitters once served as a freedom station operated by the U.S. Government. Should you wish to write to KGEI, their address is: KGEI, P. O. Box 15, San Francisco, California, 94101. FEBA also has two shortwave transmitters. They broadcast to South Asia, East Africa, and the Middle East in 14 Languages. Their address is: FEBA, Box 234, Victoria, Seychelles.

To conclude this article, I would like to thank the kind people at FEBC Radio International headquarters in La Mirada, California, for all their gracious help.

Pennants

FLAGS AND PENNANTS

by Ron Wendt, 4307 SE 102nd, Portland, Oregon 97266

This is a list of stations that were reported to have given flags and pennants in 1978 and reported in the QSL section of FRENDX. I would assume that, in some cases, the pennants are duplicates of the country's main service, but I have listed them here as individual stations.

ARGENTINA; RAE: AUSTRALIA; Radio Australia: BELGIUM; BRT, ORU: BOLIVIA; R. Pan Americana, R. Animas, R. Emisoras Bolivia, R. Grigota: BRAZIL; Radio Bandeirantes, R. Educadora de Agosto, Radio Nacional d Brazil: CANADA; RCI, CBC-NS: CHILE; R. Mineira, R. Universidad de Concepcion: CHINA; R. Peking: COLOMBIA; R. Colosal, Emisora 70, R. Guata-puri, La Voz del Huila, Ondas del Orteguaiza, R. Santa Fe, R. Sur Colombiana: COSTA RICA; TIFC, R. Casino: CUBA; RHC.

DOMINICAN REP.; La Voz de las Fuertas Armadas, La Voz dela Libertad, R. Norte: ECUADOR; R. Rio Amazonas, HCJB, R. Zaracay: FINLAND; R. Finland: FRANCE; RFI: GERMANY-DR; RBI: GERMANY-FR; Deutche Welle, Deutschlandfunk: GUATEMALA; La Voz de Nahuala: HONDURAS; R. San Isidro: HUNGARY; R. Budapest: IRAN; NIRT: N KOREA; R. Pyongyang: S KOREA; R. Korea: KUWAIT; R. Kuwait: LATVIAN SSR; R. Riga: LITHUANIAN SSR; R. Vilnius.

MALAYSIA; Voice of Malaysia: MEXICO; R. Mexico: MONACO; Trans World Radio: MONGOLIA; R. Ulan Bator: NEW ZEALAND; Radio New Zealand: NORWAY; R. Norway: PAPUA NEW GUINEA; r. Central District, R. East Sepik, Port Moresby, R. Southern Highlands, R. East New Britain, R. West New Britain, R. Manus: PERU; R. Atlantida, R. Union: PHILIPPINES; R. Veritas Asia: POLAND; Polish Radio: PORTUGAL; Radio Portugal: SOUTH AFRICA; RSA, Springbok Radio.

SWEDEN; R. Sweden: TAIWAN; VOFC: USSR; Radio Moscow, Radio Station Peace and Progress: VATICAN STATE; Radio Vatican: VENEZUELA; Ecos del Torbes, La Voz del Tigre: VIETNAM; VoV: YUGOSLAVIA; R. Beograd.

Receivers

NASWA RECEIVER DISTRIBUTION

by Bill Smith, 145 Deryl St., Eunice, LA 70535

A survey of FRENDX Credits yielded 232 contributors using a total of 34 different makes or models of receivers.

DX-160	28%	RF-2200	6%
FRG-7	27%	RF-4800	4%
RF-2800	11%	SX-190	4%
SPR-4	9%	ICF-5900W	4%
FRG-7000	6%	All Others	1% (which includes 25 receivers)

NEWS

WHAT'S NEWS ON SHORTWAVE?

by Terry Concannon, 11918 Groveside Ave., Whittier, CA 90604

News? On shortwave? It varies with the station, country, background of the station, and the target area. Unlike your local AM broadcast band station, world news on shortwave is a medium which lets you know the whole story presented directly by the world itself and often times coupled with the station's views on the situation.

There are, of course, many news programs being broadcast by the hundreds of stations on shortwave and all are designed to inform the listener of the events of the recent past. But what is different is the slant in which it is presented. The thing to do is keep up to date on world events through your local newspaper and tune in to the broadcasts of the countries concerned. During the China/Vietnam war we had interesting listening from Radio Peking and the Voice of Vietnam. Uneasiness in the Middle East? The IBA and Radio Cairo are the ones to listen to there.

News about the country of origin is always interesting. "News about the Soviet Union" broadcast by Radio Moscow during the "Moscow Review" programs is a good example. You can hear this at 0500 and 0700 GMT on the Pacific Coast Service and 0030 and 0230 GMT on the North American Service. "News about Britain" is an excellent show, and is worth listening to. Most SWLs know the times of this program, so I won't venture any further on that. "Asian News" from Radio Japan, broadcast at 0035 GMT on 17825 and 15270 kHz is a fine source of news for those interested in situations in the far east.

And finally, to round things out, are four of the more interesting and enjoyable programs of news. FEBC gives a new slant on news with it's "God's news behind the news" at 0245 GMT, Thursdays, on 17810, and 15395 kHz. If you want 'news that didn't make the front page,' try the old familiar "Paul Harvey, News and Commentary" at 2100 GMT on 17765, 15430, 15330, and 11790 kHz on the gold ole AFRTS. If you just want plain, in-depth news, you can't beat BBC's "World News" every hour on the hour, or Radio Nederland's "Newline" at 0230 on 9590 and 6175 and 0530 on 9715 and 6175.

***** THIS & THAT

Autek Research, Box 5127, Sherman Oaks, CA 91403, announces their new QF-1A audio filter. This model is an improvement on the QF-1 which has been around for several years. Audio filters process the audio output of your receiver to enhance or eliminate certain audio frequencies. This can be useful in eliminating hum, heterodynes, and certain other types of interference. The QF-1A is designed for use on voice copy. It can also be used to process the output of your recorder so you can try different settings over and over to get that hard to copy ID. It has peaking system to peak any set of audio frequencies down to 20 Hz wide. Using the selectivity control the peaking can be flattened out. There is a notch with depth up to 70 dB possible. The equipment also has a high and a low pass filter. Write them for a fact sheet and price.

Popular Electronics complied with our request for a review of the Lafayette BCR-101 shortwave receiver in their July issue. Interested members are referred to PE for details. The reviewer's impression was favorable towards the BCR-101 for casual SWLs and novice hams inspite of some shortcomings. The receiver has a drum dial and a crystal calibrator that will permit readings to 10 kHz (5 kHz possible with extreme care). There is a jack on the back for output to a counter. The receiver is single conversion up to 4 kHz and double conversion on the shortwave bands. Image rejection and lack of bothersome birdies in the SW section were considered good factors. Sensitivity ranged from about 1 to 2 uV on shortwave. Selectivity is rated as 8 kHz wide and 3 kHz narrow. The reviewer did not give results of actual reception selectivity. However, the presence of a narrow-wide selectivity option puts the BCR-101 a step ahead of the DX-160, which it is obviously designed to compete with. Price is \$249.95.

TRANS WORLD RADIO, an international Christian broadcasting organization is celebrating its 25th year of broadcasting. It began as the Voice of Tangiers, in Tangiers, Morocco, on 22 February 1954. The first broadcast was in Spanish and English over a 2.5 kW transmitter. According to Dr. Paul Freed, the president and founder of TWR, the organization now broadcasts in 80 languages with combined transmitter power of over 5 megawatts. Transmitter sites are located today in Monaco, Netherlands Antillies, Swaziland, Cyprus, Guam, and Sri Lanka. (Thanks to Ed Insinger.)

DON DICKEY, 9130 12th Ave. South, Minneapolis, MN 55420, will send a two page write-up on his memories of Radio's early years (1921 on) upon receipt of a SASE.

MONITOR AND DX HEADQUARTERS, P. O. Box 3333, Cherry Hill, NJ, 08034, is the source of WDX numbers for DXers and SWLs interested in such things. \$1.50 will bring you a certificate with your number. Write to them for an application.

GEORGE B. SHERMAN, Box 2284, Minneapolis, MN 55402, announces the availability of a NASWA Shortwave DX guide, part 1, 2000-4700 kHz. This is a comprehensive list by frequency of stations heard in North America by NASWA members (reported in Log Report and Update), from April 1976 through the June 1979 issues of FRENDX. Selected low powered stations, such as Indonesians, that were heard overseas are included where they may be logable in NA. NASWA Radio Country List names have been used. It is hoped that the relative completeness of this guide will discourage "List Logging" (the practice of counting a station as heard without actually getting an ID on the basis of what is listed in the past couple of FRENDX issues). With 39 issues combined, there are several possibilities shown for most frequencies. If the language is identified and the time considered along with the frequency, the possibilities are reduced. This suggests the IDs to listen for. Price is \$2.00 in US funds postpaid in USA, Canada, and Mexico. (Note: This is not an official NASWA publication, but we encourage members to make such available to other members-JAL. 73s till next time.)

Listeners NOTEBOOK



GLENN HAUSER
University Radio WUOT
Knoxville, TN 37916

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ENGLISH SCHEDULES **AFGHANISTAN** R. Afghanistan anc'd that from 23/6 its 30-min ES xmsn to SEAs would be at 1530 ex-1400, on 4775 (BBCMS 21/6) Hindering its audibility in WNA (gh) MinCom reported 22/6 it intended to use 15365 ex-11890 for Eu 1700-1930 /including EG 1900-1930/. Obs confirm and reception better tho still very poor. Ex //15140 no longer hrd (BBCMS 28/6) RA says it intends to move to 15075 as of 7/7 (Richard Messham, BBCWRC 9/7) It did, noted 14/7 (Utter & Osterman) Since 7/7 RA ES to ME & Eu on 15075 ex-15365 (BBCMS 12/7 & Noel Green, BBCWRC 15/7)

ALBANIA R. Tirana (fqs vary) NAm 0000 9750 7065, 0130 & 0230 9750 7120, 0330 7300 6200. Af 0430 9480 7300. Eu 0630 9500 7080. Au & As 0700 11985 9500, ditto 0930. NAm 1230 11965 and 9515. SEAs & Au 1400 11985 9500. 1630 Eu 9480 7065. Af 1730 unconfirmed. Eu 1830 9480 and 7065. Af 1930 9500 7075, 2030 Eu 7065 1395. 2200 Eu 9480 7065 1395 (BBCMS 6/79) I heard them still announcing a MW channel for 0330, as if to NAm (gh) **ALGERIA** LN-6 **ANTIGUA** LN-3

BANGLADESH (Cf July LN-3) The 1230 xmsn is on 15285 21670 (R. Bangladesh 25/5 via Bill Matthews; BBC MS 5/79) Perhaps 21570 was a typo (gh) HS EG nx at 1530 on new 3965 (G. Victor A. Goonetilleke, Sri Lanka, R. Nederland DX Juke Box 29/6) **BRUNEI** LN-10

BENIN 4870 noted with "News from Abroad" 2030-2040; amnt suggested daily, but not hrd Sat 5 May (Rikard Johansson, DSWCI) EG news 1900 on 4870 (Pfeiffer, DDR, SCDX 17/7) **BURMA** LN-3

BULGARIA R. Sofia: NAm 0000-0100 15330, 0430-0500 11750. Af 1830-1900 17825 15310. GB&I 1930-2000 11720 9700. Af 2030-2130 17825 15310. GB&I 2130-2200 15135 11750. (BBCMS 6/79)

CAMEROON R. Buea does not relay the Yaounde National nx in FR & EG at 2200, unlike the other provincial stns which do carry this. EG nx from Yaounde National on 4850 is featured 1830-1840 as well. This is also carried on Garoua 5010, Buea 3970, Bertoua 4750, and probably on Yaounde provincial 4972, not currently audible (Paul Karagianis, England, SCDX 19/6) R. Cameroon hrd on new 9705 with IS 1500-1630 (G. P. Singh, Zambia, SCDX 10/77) cf LN-7

CANADA RCI has 'temporarily' dropped 17820 for Mon-Fri As It Happens & World At Six to Eu at 2100-2300. The tentative S79 sked, planned last spring and no doubt due to be amended: N&C Am: 2200-2400 Mon-Fri 5960. 0000-0030 5960. 0100-0130 5960. 0200-0230 5960. 0300-0330 & 0400-0430 11845 9535 5960. SAM 0100-0130 17820. 0200-0230 & 0300-0330 11940. Af 0615-0630 & 0645-0700 Mon-Fri 11960 9590, relay on 1720. 1800-1830 & 1900-1930 17820 15260. 2130-2200 17820 17750 15325 15150 11945. ME Mon-Fri 0615-0630 & 0645-0700 relays 15265 17860. Eu 0615-0630 & 0645-0700 Mon-Fri 11825 9655 6140, relays on 7155. 1645-1700 21695 17820 15325. 1900-1930 21695 17750 15325, relays 7130 5995. 2000-2030 21695 17820 17750 15325, relay 5995. 2200-2300 Mon-Fri 17820 15325, relay 5995. EEU 1545-1600 21695 17820 15325 relays on 15305 11935 11905 9555. Some of these fqs used at the outset of the J79 season, and even schedule times, have already changed and there's no reason to believe the oldies will resume (gh)

CZECHOSLOVAKIA R. Prague: Ams 0100-0200 & 0300-0400 11990 9730 9540 7345 5930. 0730-0800 & 0830-0900 (Sat/Sun -0930) S&EAs & Pac 11855 17840 21700; 1430-1457 7345 11990 15110 17705 17840 21615. Af & As 1530-1625 21615 17840 17705 15110 11990 9605 7345 6055, 1730-1825 5930 7345 9605 11990 17840 21615. GB&I 1630-1657 5930 7345, 2000-2027 5930 7345, 1900-1927 5930 7245 7345, 2130-2200 6055 1287 (R. Prague J79 & S79 sked via William Davenport, Nashville TN) 9730 to Ams is obviously a typo for 9740. BBCMS essentially the same sked 5/79 (gh) 21620 (RMWS DX 14/7)

ECUADOR HCJB mid-season changes: 1900-2000 & 2130-2200 Eu 17765 ex-17790; secondary NAm svc 0030-0200 to 15265 ex-15115 (DX Party Line 21/6) 15265 hrd 27/6 announcing as being parallel to the 31 and 25m bands, but 15265 had completely different programming than 11915 and 9745 at same time (Arthur Bodek, Cedarhurst NY) HCJB has its own definition of 'parallel' (gh) LN-16

FALKLAND IS (Cf May LN-2) FIBS 2370 2230-0130, Suns 2145-0030 (Tony Jones, Paraguay, ADXCI)

- FINLAND** To Nam at 2330-2400 R. Finland has changed to 15270 11755 (Steve Webster, RCI 24/6)
- FRANCE** RFI using new 21705 for Paris Calling Africa at 1600 (Andrew Blumberg, NY, 20/6) LN-16
- GERMANY WEST** DW has made some rare changes: NAM 0130-0150 now 11865 9605 9565 9545 6145
6100 6085 6040, i.e. 6145 ex-6075. 0530-0550 11905 11785 9650 9545 6185 5960, but a recent check showed them missing from 5960 (DW 7/79 Programm, gh) more, LN-16
- GUAM** (Cf July LN-2) KTRW monitoring shows a change to 15225 from 15350 at 1430-1500 (Yoshiaki Hayashi, JADX, via R. Australia Japanese DX Time 8/7)
- HUNGARY** (Cf June LN-2) R. Budapest's Hungarian History pgm is also aired to Eu Tu/Th 1900-1930 on 15220 11910 9835 9655 7200 6025. The daily 2100-2130 is on 6110, not 6025. Rest of sked matches (via BBC MS 5/79) ITALY LN-8
- ISRAEL** Kol Yisrael tentative S79 for Nam: 0500-0515 17815 15485 15105 11655. 1200-1230 on 25625 21675 17685 17565=long path. 2000-2030 17645 15415 11655. 2230-2300 15300 12085 11655 9815 and 17815 (Larry Magne, Cheltenham PA)
- KOREA NORTH** R. Pyongyang: Eu 0600-0750 11905 9420. SEAs 0800-0950 11780 9977. Ams 1100-1250 & SEAs 1300-1450 9977. N&E&Af 1500-1650 & 1700-1850 11885 9977 3840. Eu 2000-2150 on 9420 6575 3560. Ams 2300-2450 9977 (BEC MS 6/79)
- KOREA SOUTH** R. Korea anc'd 16/7 a new sked, including some xmsns expanded to 45 mins: Nam 0400 9755 11820, 1800 11830. Lam 0215 15350, 1800 15255. Eu 1245 12090 15570. SEAs 1245 on 7550. General svc 0400 9640 15570. They said these new 45-min pgms will be in addition to the 30-min pgms. I assume the 30-min sked remains the same, tho KBS is noted for its frequent changes (Joe Tangredi, Las Vegas NV) Their amnts are inconsistent and perhaps inaccurate. I did hear the 1800 running to 1845; the 1600 and 2300 still 30 mins. They said the additional 15 mins would include pgms "Let's Speak Korean" and editorial comment. To Nam 11820 was to replace 15345 but no times given; it was used at 2300 & 0430. To Eu at "2300" (I think this is a slip in Korean time, i.e. 1400 GMT) on 15570 ex-9870. To SEAs 7550 ex-11665, also wrong. And the GS on 15570 ex-17740. This had been at 0430. I didn't hear them say that 0430 was retimed to 0400 (Wildier Pickard II, Evanston IL) What a mess! (gh) MALDIVES & more MALTA LN5
- KUWAIT** (Cf July LN-2) At 1800-2100 R. Kuwait on 11690, our typo as 11960 (SCDX) "Hiding" under uth QRM 11690 28/6 at 2000, sigs as good as old 12085 but mucho QRM. Believe ex-15345 (Conrad Richardson, Lynchburg VA) 0500-0800 has been on 21545 to SAs, 250 kW xmtr at Sulabiya. Anc'd //9630 to Eu, not hrd here (Adrian Peterson, Poona, India, R. Australia DX 8/7)
- MALTA** R. Mediterranean continues from Cyclops on 5960 and 1557, obs at 1835-1855 (BBCMS 21/6)
- NETHERLANDS ANTILLES** TWR tentative S79 for Nam 1100-1245 (Sat 1330, Sun -1415) shows 15225 ex-15255, but this could be a typo (gh) R. Nederland hopes in late July to change 17810 due to QRM, to 17695 at 2030-2120. Lopik which has been on 17695 will move to 17605, also at 1830-1925 (DX Juke Box 19/7) On 19/7 at 2030 17810 appeared to be missing (gh) On 20/6 Lopik at 2030-2120 changed from 15220 to 17695 due to Budapest (RN) NETHERLANDS
- OMAN** English obs 0900-1100 on 11890 (Rikard Johansson, DSWCI) Had been reported -1030 (gh)
- PAPUA NEW GUINEA** R. Western at Daru noted on extended sked on daytime freq 6080, Mon 0730-0745 relaying Port Moresby; usual sked is Mon-Fri 2215-0645 (Peter Bunn & Bob Padua, RA 1/7)
- ROMANIA** (Cf July LN-2) Sked matches except: No 2300-2330 xmsn. 1730 no 17720. 1500 15255 not 15250. (BBC MS 5/79). PAKISTAN LN-16 PHILIPPINES LN-15/16 RWANDA LN-5
- SWAZILAND** TWR *1800 to Eaf on 15410, mixed with VOA (No#1 Green, BBC WRC 15/7)
- SWITZERLAND** SRI 0700-0730 & 0900-0930 to Au/EE on 21695 //21520 9560 15305 (No#1 Green, BBC WRC 15/7) Ex-11780, which had been tentatively for S79 too; as of 20/4 no changes were anticipated for S79 (gh)
- TAIWAN** (Cf July LN-1) Sked matches for VOFC except 0300-0350 also on 11825 to AuAs; 2130-2230 2230 on 9600, not 9660, which may have been a typo (via BBC MS 6/79) more, LN-5 UGANDA LN-10
- TURKEY** VOT 1200-1300 SWAs 17775. Eu/ME/NAM 2130-2255 on 11955 11880 9515 7170 (BEC MS 7/79)
- U S S R** Current RMWS meter-band sked designates these for Nam: 0400-0600 25, 31. 1000-1400 16, 19. 1400-1500 16, 19, 25, 31. 1500-1600 16, 25, 31. 1600-1700 25, 31. 1700-1900 16, 25, 31. 1900-2000 16, 25. 2000-2100 16, 19, 25, 31. 2100-2200 19, 25, 31. 2200-2300 16, 19, 25, 31. As of 2/9, 16m to be dropped at 1500, and 31m at 2200, and 13m to be added at 2100-2300. Times RMWS is on the air to other regions: Eu 0400-1900, 2000-2300. Af 0400-1700, 1800-2000, 2100-2300. ME 0400-1800. As 0400-1300, 1600-1700. ANZ 0400-1300, 1900-2300 (via William Davenport, TN) Per amnts, RMWS since 11/6 is on 927 kHz MW for the Moscow area at 0400-2200 (BBC MS 14/6) R. Kiev: 2000-2030 Eu 11830 9560 6020. 2200-2230 Eu 1242. 0030-0100 Ams 17870 15525 15405 15180 11735 9800. 0300-0330 Ams same plus 11830 (BBC MS 4-5/79) 11920 ex-11830 (UHN) R. Vilnius: 2300-2330 Ams 15525 15405 15180 11790 11765 11735 11690. Eu 2230-2300 6100 1557 1107 666 (BBCMS 4-5/79) V. of Armenia: 0355-0400 Su/W/Th/Sa Ams 17870 15535 15405 15180 (BBCMS 4-5/79) Those who tune this in will discover it runs 2 or 3 minutes earlier than times times BBC gives, and is now called V. of Yerevan, in keeping with Soviet practise of naming stns after cities rather than republics (gh) Is to WNA via Soviet FE xmsns on the three freqs not including 11690 (June UHN)
- YUGOSLAVIA** (Cf June LN-3) RY now at 1530-1600 on 15300 ex-15295; 2200 on 1269 (BBC MS 5/79)

OTHER SCHEDULES **RAMADAN**, the Islamic month of fasting in the daytime and revelry at night leading to lengthened broadcast schedules, is in progress during 1979 from 26 July to 22 August. Some countries which have been on DST may go off it so sunset comes an hour sooner! (gh)

ALGERIA RTVA noted at a new time, 0100-0300 on 15160 11810 (Goonetilleke, RN DXJB 29/6)

ANGOLA Emissora Regional da Huila is wandering 7365-6780, ex-5-MHz, 0445-2300* (Ginbey, RN DXJB 12/7)

ANTIGUA Sorting-out-the-sites dept. DW complete sked from here: 0030-0105 PT LAm 11865 and 11785. EG Nam 0130-0150 9545 6040. 0200-0550 GM N&Cam 6085. 0230-0350 SP LAm 11965 11785. 0400-0520 GM N&Cam 11785 9545. 0530-0550 EG NamW 11785 9545. 0600-0950 GM AuAs 11785 11705 9690. 1000-1035 PT LAm 11810 9640. 1000-1120 SP LAm 11705 9735 6085. 1200-1220 GM SAM 15185 11785 11705. 1300-1320 GM Nam 15150 11810 11705. 1330-1350 GM Nam 15150 11810 11785. 2130-2300 PT LAm 11865 11785. 2200-0150 GM N&Sam 11795. 2300-2430 SP LAm 11865 11785 (BBC MS 6/79 per DW) This presumably includes the low-powered MONTSERRAT unit DW never tells the BBC about. Note at times, e.g. 1000, 5 xmters are in use, so sharer BBC is using none from here. However, at 1350-2130, DW is using none, and BBC is using none at 1330-2000, indicating 2-? work shifts per day, and allowing this valuable resource to go to waste 6 hours a day --if you have BBC reception problems between 1330 and 2000, just remember the xmters have to gather a bit of dust, too! (gh)

AUSTRALIA RA tentatively planned to reintroduce services from Darwin during late June: 0800-1000 21580, 1500-1730 11865 or 11870 (Telecom Australia, via Victor Goonetilleke, July ADXN) R. Australia tentative S79 changes don't mention Darwin, but these: 11790, new Shepparton xmsn on 100 kW 320° to zone 54 at 2100-2300. 11825 opening at 1215, ex-0945. 11855 2300-0100 to zone 41, ex-54. 11865 ex-11870 1500-1730 and new S 0745-1030 100 kW 308° zone 54. 15160 2100-0700 52° ex-42°. 15205 Carnarvon 2330-0130 250 kW 347° zone 49 ex- Shepparton on 15130 at 2215-0130. 15310 2215-0300 310° ex-308. 15320 shortened from 0400-0930 to 0400-0600. 15355 2045-0530 10 kW ex-100. NEW 15410 C 250 kW 347° zone 54 0800-1030. 17870 add S 2215-0130 100 kW 320° zone 49. Some may already have taken place (via Telecom Australia)

AUSTRIA ORF alteration as of 1/6: SAM 2100-2300 15200 ex-15320; EAs 0800-0900 21630 ex-21615. Also SEAs 0400-0600 21575 is a change at some point (via ORF)

BANGLADESH RB ES: 0515-0545 AR 15400 17890 21685. 1115-1145 Nepalese 7245 9720. 1400-1500 Urdu 11925 15285. 1600-1630 Hindi 9535 11765. 1645-1815 Bengali 11765 15285 (William A. Matthews, Columbus OH; and BBC MS 5/79)

BOLIVIA New R. Aroma, Correo C. Tarata, Cochabamba, on 5568 and 1450, 0.3 kW, CP190, sked W. 1000-0100, Sun 1200-2300. Dir.: Patricio Sansuste Pérez ("RF", WRTH LA News 12/7) R. Norte de Montero now *0945 (Emilio Pedro Povrženić, Rosario, Argentina, 10/6)

BRAZIL Addr. of 2480, R. Clube de Rondonópolis, Ponta Porã, is Rua Fernando do Rio da Costa 651, Edif. Vitor Hugo, 29, 78500 Rondonópolis MT (SWB, Cláudio R. Moraes, WRTH LA News) R. Mundial, Rio, on 4825 ex-4815. (SWB, WRTH LA News) Stn 190 is on 6080 with 5 kW, R. Caiçara, Rede Rio Grandense de Emissoras, at 1200-1500, alt (? -gh), and on 9520 5 kW 1500-1900, and 11895 10 kW 2100-0300 (Moraes, WRTH LA News) Stn 721) 4935 is R. Independência de Manaus, ex R. Sompur, Rua Joaquim Nabuco 1356, 6900 (sic-gh) Manaus AM (Moraes, WRTH LA News)

BURMA BBS DS Main pgm: 0030-0200 BM & 0200-0230 EG 7185. 0330(Sun 0230)-0700 BM & 0700-0730 EG 9730. 0930-1430 BM & 1430-1600 EG 5985 5040. Also on 955 thruout. Nationalities pgm on 4725: 1030 Kachin, 1100 Kayah, 1130 Sgaw Karen, 1200 Two Karen, 1230 Chin, 1300 Mon, 1330 relay main pgm EM nx, 1345 Arakanese, 1415-1445 Shan (BBC MS 5/79) 7)

BURUNDI Voix de la Révolution on 3300 now *0300, ex-0330; sometimes //6140 (Ginbey, DXJB 12/7)

CAMBODIA V. of the Kampuchean People said 24/6 it would intro an IS on 11945 9695 1360 from 1/7, alternating quarter hours of EG, FR, Thai, Laotian, 2300-0100 & 1200-1400 (BBC MS 28/6) Phnom Penh 9695 greatly enhanced sigs of late, suggestive of new higher-powered unit, *2300 in Cambodia, audible past 0000, but not apparently according to new "IS" sked via BBCMS, as of 30/6. Also at 1100 in Cambodia (Bob Padula, Victoria) Despite the anmt, WOKP 9695 continues with DS //6090 917, other two freqs unhrd (BBC MS 12/7) Maybe start 20/7 (BBCWC 22/7)

CHINA R. Peking DS currently obs: First Pgm: 2000-2300 11610 11330 11290 10245 9080 9064 8600 7516 7504 7335 7095 6750 6665 6493 6225 5880 5860 5320 4905 4180. 2300-0100 15590 15550 =from 2330 15510 11610 11330 11290 10245 9080 9064 7504 7335 7095 6750 6665 6225 6200 5880 5860 5320=to 2330. 0100-0600 17605 15590 15550 15510 11610=to 0200 11330 11290 9080 9064 7504 6665. 0600(Tue 0900)-1100 17605 15590 15550 15510=to 0800 not Wed/Fri 11330 11290 9080 9064 7504=to 0530 Fri 11665=to 0500 Fri. 1100-1735 15590=to 1500 15550=to 1400 11610 11330 11302 11290 10245 9080 9064 8600 7516 7504 7335 7095 6750 6665 6225 6200 5880 5860 5320=from 1400 4905 4180=from 1500. Second Pgm: 2100-2400 12220=from 2330, 11505=from 2300 11040=from 2330 10620 9775 9020 8320 8007 7770 7190=from 2220 6345=to 2330 5990 5163 5075=to 2330. 0000 -0600 15030 12220 11505 11040=to 0530 Tue 10620 9020 7770 7190. 0600-0950 15030 12220 11575=from 0700 11505 11040 10620 9775=from 0700 not Wed/Fri 9670=from 0715 9020 8320=from 0700 8007=from 0800 7770 7190. 0950-1300 15030 12220 11575 11505 11040 10620 9775 9670 9020 8320 9007 7770 7190. 1300-1600 15030=to 1400 12220 & 11575=to 1330 11505=to 1500 10620 9775 9670 9020 8320 8007 7770 7190=to 1430 6345 5990 5075=from 1330. (BBCMS 21/6) More.... + LN-16

Wengzhou City Service (Zhejiang Province) per 12/13/18/6 obs and pgm previews, ops 2050-0740 & 0850-1520 on 2415 and 1575. Pgm's largely cultural, and Peking First Pgm relays 2230-2300, 2330-0300, 0500-0740, 1200-1230, 1300-1500 (BBC MS 28/6)

Peking Broadcasts to Taiwan: 2000-0610 (Sun 0700), 0830-1900: 15880 2301-0610 & 0830-1129. 15710 2200-0610 & 0830-1400. 11100 2000-0610 & 0830-1500. 9170 2000-0610 & 0830-1900. 6790 2000-2300 & 1130-1900. 5125 2000-2200 & 1401-1900. 4770 1501-1900. 3360 2000-0130 & 1000-1900; relayed by PLA Fujian Front Sta 2100-2115, 0500-0515, 1200-1215, 1500-1515, 1600-1700. In Hakka, Amoy, Std. Chinese. PLA Fujian Front Station to offshore islands and Taiwan in Amoy & Std Chinese. Net One 1000-0500: 7850 1000-1359 & 2315-0500. 6765 1000-1529 & 2231-0500. 5900 & 5265 1000-0500. 5240 1000-1659 & 2145-0500. 4330 1400-2314. 3535 1700-2144. 2490 1530-2230. Net Two 0400-2100: 8195 0400-1329. 7280 0400-1428. 7025 0400-1525. 6400 & 5170 & 4840 & 4380 0400-2100. 6000 & 5770 0400-1459. 4130 & 2600 1500-2100. 3900 1526-2100. 3400 1330-2100. 3200 1430-2100. 2430 1525-2100. (BBC MS 6/79)

R. Peking reversed-tape Russian ES: 0300-0355 SSB-17490 12450 11455 8425 8260 6995; 15600 15165; 15250 15115 14980; 11695; 15045 11600. 0900-0955 8260 5220. Xmtr site groupings separated by semicolons. Forward Russian every hour 1000 thru 0200 & 0400; and 2130, 2230 (6/79)

CONGO The only two RTVC xmtrs on the air are 3232 at 0400-0700 & 1700-2300; 7105 0700-1700 (Richard Ginbey, RN DXJB 12/7)

COSTA RICA R. Noticias del Continente extended hours on 9615, to *1800, repeating the 0015-0300 pgms at 1815-1900 before carrying regular daily pgms (BBC MS 5/77) Hard to squeeze two and three quarter hours into 45 mins, isn't it? (gh) Testing since 18/6 2100-0415, including anti-Somoza pgms and Radio Sandino recordings, also they said at 1300-1400, and that 'very soon' daily sked would be 2345-0515 (BBC MS 28/6) More, LN-7, 8

CYPRUS Cyprus Broadcasting Service (sic -gh) GK to UK now 2212-2244, on new 9695 //7230, no 48mb freq hrd; 27/5 (Bob Donly, SC, June SPEEDXGRAM) Presumably still Fri/Sat/Sun only (gh)

ECUADOR HCJB new 15400 *2230-0000* to SAM ex-15360 as of 6/7; also new 11825 ex-11835 RS 0830-0900 9/7 (Bob Padula, Victoria) more, LN-16

EGYPT: R. Cairo's GS in AR now on 11665 ex-11630 0400-1800 (BBC MS 12/7) Jammed some (gh)

FRANCE "Coopération Radiophonique", independent of RFI, for rebroadcasting in Africa, 0915-0945 on 25900 25820 21730 21675 17850 17795 17775; and 1515-1545 25900 25820 21675 17785 17775, both not Sun, mostly FR but occasionally with English items (BBC MS 5/79 per R. France) Every time I've listened, the final item is in EG, around 1540 (gh)

RFI to C&EEu: 0500-0600 15425 15180 11840 11790 9535 7280. 0600-0700 15425 15180 11840 11790 9550. 0700-0800 15425 15180 11770 9550. 0800-0900 15425 15180 11770. 0900-1000 15315 15180 11770. 1000-1400 17860 15315 15195 11770. 1400-1600 15315 15220 11770. 1600-1800 15315 15190 11770. 1800-2000 15315 15190 11805 11770 9715.

RFI to Af: 0400-0500 17800 15315 15155 15135 11730 11705. 0500-0600 21620 17865 17850 17800 15315 15155 11705 9660 7135. 0600-0700 21620 21580 17865 17850 15315 15300 15155 11845 11730 9660 7135. 0700-0800 21620 21580 17865 17850 17715 15315 15300 15155 11845 11730. 0800-0900 21620 21580 17865 17850 17715 15315 15300 15155 11845. 0900-1000 21675-Sun 21620 21580 17865 17850 17715 15300 15155 11845. 1000-1100 25820 21675 21620 21595 21580 17850 17715 15300 15155 11845. 1100-1400 25820 21675 21620 21595 21580 17850 17720 15300 15155 11845. 1400-1500 21675 21620 21595 21580 17850 17720 15300 15155 11845. 1500-1600 21675-Sun 21620 21595 21580 17850 17720 15300 15155 11845. *1600-1700 21675 21620 21595 21580 17775 17720 15300 15155 11845. *1700-1800 21675 21620 21580 17860 17850 17795 17775 17720 15425 15360 15425 15360 15300 11845. 1800-1900 21675 21580 17860 17845 17795 17775 17720 15425 15360 15425 15210 15200 11845. 1900-2000 17860 17845 17795 17775 17720 15425 15360 15300 15210 15200 11845 11705 9690. 2000-2030 17860 17845 17795 17775 17720 15425 15360 15300 15210 15200 11930 11705 9690. 2030-2130 17845 17775 17720 15425 15360 15300 11930 11705 9690 7160. FR except *EG at 1600 (R. France via BBC MS 5/79, which adds: pgms one hour later as from 1/10)

GERMANY WEST DW in GM to ENAM/SAM 2200-0150 15410 11795 11765 9735 9700 6075 3995. C&WNAM & CAM: 0200-0550 9735 6145 6085 3995. 0200-0430 6100. 0200-0350 11795. 0330-0550 9605. 0400-0520 9545 11785. (DW July sked) Relay sites involved are: Antigua 11795 at 2200; Kigali 11765 at 2200; Malta 11795 9735 6100 at 0200; Antigua 6085, and from 0400 11785 9545 (DW via BBC MS 6/79)

GHANA GBC (local languages): 4915 0530-0800 & 1200-2300 (Sun & Holidays 0530-2300). 3350 0530-0800 (Sun & Holidays -0900) & 1600-2300. 5990 1200 (Sun & Holidays 0900)-1600. GBC-2 (commercial service) 4980 0530-0800 & 1200-2300 (Sun & Holidays 0530-2300). 3366 0530-0800 (Sun & Holidays -0900) & 1600-2300. 7295 1200 (Sun & Holidays 0900)-1600. (undated sked via Greg Danylchenko, Port Credit, Ont., July) Also still sending out mythical ES sked noting that all but 6130 are off the air; that is sked 0600-0800, 1600-2300 (gh)

GUATEMALA R. Tezulután, Cobán, obs 0300* on 4835, also announcing 2340 and span as 1100-0300 (BBC MS 21/6)

GUINEA Voix de la Révolution noted on Sun only fading in around 0600 on 15310v (Ginbey DXJB)

INDONESIA RRI Surakarta QSL gives this sked: 0500-0815 500W on 4900; 1000-1700, 10 kW on 4932; local news at 1400-1411. RKPD Tkt II Magetan, 500 W on 3488: 0500-0800, 1000-1600, 2230-0130. "We will finish revising our xmtr about mid-June" (Takehara, IDXR 17/6) LN-16

INTERNATIONAL WATERS Voice of Peace is testing two 10 kW xmtrs at 0900-1400 on 6248, 9948

always //1540, in EG and FR, asking for reports (Roberto Levenstein, RN Radioatividade 19/7)
Voice of Peace now on SW 6240 24h //1539; P.O. Box 4399, Tel Aviv, Israel (Offer Barth, SCDX

IRAN VOIRI anc'd that frn 9/6 the "Familiar Voice" svc would resume for compatriots 17/7)
abroad, 1930-0130 on 15084 9022, and 2230- on 11930. However, currently hrd on 15084 and
9138 only and remains solely a VOIRI DS relay (BBC MS 14/6) VOIRI AR svc anc'd 21/6 that it
would begin a morning svc 22/6, 0430-0730 11735 Naf, unconfirmed (BBC MS 28/6) VOIRI ES:
1315-1400 Pushtu & 1400-1445 Urdu 11735. 1445-1515 RS 11930. 1730-1800 Turkish 9138. 1730-
2030 AR 11735. 1800-1830 GM, 1830-1900 FR, 1900-1930 EG 9138. (BBC MS 6/79)

IRAQ R. Baghdad ES in Persian now 0730-1030 & 1600-1900 on 11726.5, 9572.5, 3240. Urdu 1300
-1400 obs on 11726.5 only (BBC MS 14/6)

ISRAEL Since 11/6 VOI ES relay of DS Reshet Alef in Ladino, ex-1800, obs at 1745; the 1745
relay of Mograbit from Net-A untraced. ES continues Net-A relay in Hebrew 1800-1815, after
which the freqs--21777 and 17565 or 15565--relay Net-B as sked (BBC MS 28/6)

LIBYA The Radio of the Holy Qur'an now on 7165 at least 0800-1500 (BBC MS 14/6) cf LN-9

MALDIVES Male 4754 *1200-1732* all vernaculars, no EG anymore at 1500-1730; strong signals
until 1520 has het from Ujung Pandang about 500 Hz down 15/6 (Victor Goonetilleke, Sri Lanka,
ADXX) There was some EG at 1430 or 1445, but into local lang before 1500 on 4754. No trace
of any other listed channel (Rikard Johansson, maritime mobile, SCDX 17/7)

MALTA (Cf July LN-16) Per Variety, Libyan xmsn via Malta "Voice of Friendship & Solidarity"
has been cancelled on part of the Maltese govt, because of 'slanted news'--Egypt has com-
plained about reporting of peace treaty. This story does not make clear whether all or just
one Libyan pgms are cancelled (SWNS June-July) R. of the SPLAJ from the Mediterranean Station
continues in AR 5960 0700-0800 (BBC MS 14/6) Further obs show //7135. R. Mediterranean con-
tinues 1800-1855 in AR/FR/EG on 5960 and 1557 (BBC MS 21/6)

DW xmsns now sked via Malta: 0030-0105 PT Lam 15105 11810 9610. 0130-0150 EG Nam 11865
9565 6100. 0200-0350 GM N&C&M 11795. 0200-0430 6100, 0200-0550 9735. 0400-0550 AR NE & Naf
6025 1557. 0445-0520 Turkish 7275 6100. 1115-1215 JP As 21650 17825 11765. 1240-1350 Nn As
21650 21590 17825. 1400-1450 AR NE & Naf 15225 11785. 1400-1750 GM NE C&SAs Eu 11795 1557.
1540-1630 Hindi/Sanskrit 17825 15405. 1630-1720 Urdu As 17825 15405. 1720-1750 EG As 17825
15405. 1800-1850 Turkish 9650 7160. 1900-2055 AR NE & Naf 7265 6000 1557. 2055-2120 Magh-
ribi NE & Naf 7265 6000 1557. 2130-2300 PT Lam 15105 9610. 2300-0030 SP Lam 15105 11810
9610 (DW via BBC MS 6/79)

MAURITANIA Nat'l Radio of the Islamic Rep. of Mauritania anc'd that from 6/7 it would resume
normal pgms. Now that the 40-day mourning period for the late P.M. had ended, sked 0600-0900
1200-1600, 1800-2400 (BBC MS 12/7) Cf July LN-4

MOZAMBIQUE Maputo 7110 is varying 7105-7125, sked 0600-1600, but hrd 0500. Quelimane 4902
*0255 //7155/935. Beira inactive on 4895 6090 9635; but 3280 *0255 ex-*0400 (Richard Ginbey,
Vanderbijlpark, Tvl, RSA, RN DXJB 12/7) R. Mozambique reactivated 4865 7110. Beira on 3235
ex-3280, 0400-0700, 1730-2000 (Ginbey, SCDX 12/6) more, LN-9 # Back to 3280 (Ginbey, SCDX 3/7)

NETHERLANDS ANTILLES Due to QRM in Brazil, RN changed its PT 2230-2325 as of 20/6 to 9715
and 15315 via Bonaire, and 17695 was added from Lopik. (RN) :NETHERLANDS

NIGERIA (Cf July LN-4) Imo BC Svc, Owerri, QSL says 4755 is 100 kW with log periodic ant,
and that "I will get in touch with you, if need be, as soon as I overcome our present techni-
cal difficulties." Perhaps this is why they have been missing late aft (Chris Lobdell, MA,
15/7; QSL dated 20/6) Stn name changes: Jos 5965 R. Plateau (of Plateau BC Corp.); R. Kwara,
Ilorin, 7145; Cross River R. Calabar, 6145; FRC Enugu ex-EBC, 6025, all 0430-2305 (Ginbey RN)

OMAN R. Oman 11890 obs 0857(Fri 0800, Sat 0500)-1313; 6175 opens 1400 (Rikard Johansson, mm,
DSWC1 June) R. Oman, Muscat, DS, obs since 22/6 on 11890 throuth the day instead of changing
to 6175 at 1350 (BBC MS)

PORTUGAL Now the sked DW xmsns from Sines; #--produced by DLF: 0415-0445 Bulgarian, 0445-0515
Romanian both 9650 7285. 0530-0600# Czech/Slovak, 0600-0630# Polish 11865 9605. 1615-1715
Bulgarian 21550 15245. 1730-1830# Polish 15185 11865, 1830-1915# Czech/Slovak 15185 11865.
1930-2030# Hungarian 11865 (and 15160?). 2030-2115# Czech/Slovak 15160 11865. 2130-2200 Bul-
garian 11905 9650 7285, 2200-2300 Serbo-Croat ditto (DW via BBC MS 6/79)

RWANDA DW via Kigali sked: 0330-0430 Swahili 9565 7225, 0430-0515 EG same. 0515-0545 FR on
9565 7225 too. 0930-1030 EG As/Au 21540 17800. 1045-1115 EG & 1115-1145 Swahili C&EAF 15410
11785. 1200-1245 EG, 1245-1315 Hausa, 1315-1400 FR Waf 17765 15410. 1415-1500 Amharic 15410
11965. 1515-1615 FR, 1615-1715 Swahili, 1715-1745 EG C&EAF 11965 9735. 1800-2150 GM Af 9735
6160. 2200-0150 GM N&SAm 11765 (DW via BBC MS 6/79)

SWEDEN As of 9/7 R. Sweden to Lam 0130-0230 SP, PT on 15325 ex-15240 due to Italy QRM (SGDX)

TAIWAN VOFC in Chinese to Nam: Std Ch 0000-0100 17890 15345 15270 11825. 0200-0300 Cantonese
17890 15345 11825. 1300-1400 Cantonese 17890 17800 9600; 1400-1500 Std Ch 17890 17800
9685 9600. 2040-2140 Std Ch 17890 11825 11745 9685. (Some of the freqs are to other targets--
unspecified). SP to SAm 2300-2350 17800 15225 15125 11860 11725 9600 (BBCMS 6/79) To save
energy, DST introed from 1/7 per Taipei ES 30/6; no effect on ES sked (BBCMS 5/7) which adds,
local time should now be GMT + 9) Voice of Asia is a 600 kW stn on 621 kHz MW, from Kao-
hsiang (Takao), 1100-1700 since 1/1/79 in Std. Ch, Indo, Thai; and EG 1100-1200(Sun -1110).

(BBC MS 6/79) The stn has now been hrd on 5980, //621, using same IS as VOFC. 1130-1358 in EG, Indo, Mandarin, presumably one hour each; 1400-1700 in Mandarin, Thai, Indonesian. The correct addr is: Box 3243, Kowloon, Hong Kong, as well as Box 880, Kaohsiung, Taiwan (Tetsuya Hirahara, Japan, SCDX 3/7) Obviously gh is somehow involved in this right-wing operation, since Kaohsiung is a sister city to Knoxville (M. C. Burystan LIX, Fitful Screech)

TANZANIA R. Tanzania ES: 5050 0330-0500, 7165 0900-1030(Sat/Sun -1530), 15435 0330-0500 & 1530-1915 (Richard Ginbey, RSA, RN DXJB 12/7)

TURKEY Per VOT amnts, the service in Turkish for Turks abroad sked from 18/6: 0357-0600 15170 11880 9665 9515. 0600-0900 15170 15145 11880 9515. 0900-1200 15170 11955 11880 9515. 1200-1500 15170 11955 9515. 1500-1700 15170 9665 9515. 1700-2000 15170 15145 11880 9515. 2000-2127 11880 9515 7170. Preliminary obs confirm this sked. 15170 and 9515 are beamed to Br; 11955 7170 Balkans. NEAF, ME, SEAS, on 15145, 11880, 9665, respectively (BBC MS 21/6) VOT non-EG ES: 1300-1330 Urdu, 1330-1400 Persian on 17775. 1400-1500 AR 11845. 1500-1530 Romanian, 1530-1600 Greek, 1600-1630 Bulgarian, 1630-1700 Serbo-Croat, all on 9550. 2000-2100 GM, 2100-2130 FR both 11955 (BBC MS 7/79)

U A E Dubai BC Stn is commercial on MW and SW 6040, 10 kW, in AR 0330-2145 for the ME (Mohamed Lewji, England, 3/7 SCDX)

URUGUAY Since 15/5, R. Espectador, CX14, has added 6045 to 11835, 1000-0300, but 6045 is not announced (Vicente Bombardiere, Villa Gobernador Galvez, Santa Fe, Argentina, 28/5) The 6045 outlet belongs to the affiliated R. Libertad Sport (Moisés Primo, Montevideo, SCDX 5/6) R. Carve CXA13 has 10 kW on 6155 at 0800-1600 & 2000-2400; SW skeds may vary due to power restrictions (Horacio A. Nigro, Uruguay, SCDX 5/6) All SODRE stns operate 0900-0200 due to DST of GMT -2 (Primo, SCDX) This winter DST means the times in Apr LN-5 are an hour off (Carlos Maslatón, ADXCI)

U S S R Contrary to amnts, obs since 25/6 show that R. Moscú SP "Escucha Chile" remains at 1100-1130; and at 0300-0330 on 15550 15465 15435 15210 11630. Also, "R. Magallanes" 0330-0400 for Chile on 15550 15465 15435 11630, not at reversed times. The former 0300-0330 & 0330-0400 SP to LAm are now combined into 0300-0400 on 17880 17760 15535 15480 15150 12070 12010 (BBC MS 5/7) Some Soviet regional non-EG ES skeds: R. Baku 1300-1715, 1830-1900, 2015-2105 on 6135 6110. R. Dushanbé 1400-1630, 1700-1730, 1800-1830 on 7275. R. Kiev Ukrainian: 1800-1830 11870 11830 9560 6020, 1930-2000 11830 9560 6020, 2200-2300 15405 15180 11880 11790 11690 9800 5905, 0330-0400 11735 9800 9655. GM 1900-1930 11830 9560 6020. R. Leningrad Fri 2200-2300 RS for Soviet fishermen 9560 6200. R. Minsk Belorussian 1800-1830 11880 11830 9610 7420, 2130-2200 9785 7340 6020. R. Riga on 5935: Sun 0800-0930. Wed 1930-2000. Tu/Th/Sa 2020-2130. Sun 2105-2200. Tu/W/Th/Sa 2130-2200. R. Tallinn 6085: Sun 0800-0915; not Sun 0915-1000, 1600-1630. Daily 2105-2200. R. Tashkent 1230-1400, 1500-1530 15460 15115 11925 11730. 1230-1330 6200 5035. 1430-1500 11925 11730 6200 6060 5035. 1530-1600 11925 6200 6060 5035. 1600-1800 11925 9600 9540 7145. R. Tbilisi 1900-2100 Tu/Su 5930 unconfirmed. R. Vilnius 2200-2230 6100, 0100-0130 17870 15525 15515 15405 15180 11735. V. of Armenia 0600-0730 Sun 4990. 0800-0900 Sun 17700 15260 15190. 1300-1500 4990. 1500-1630 6120 4990. 1730 -1800 4990. 1800-2100 6120 4990. 2030-2100 7270. 2200-2300 15515 (BBCMS 4-5/79)

VIETNAM New Lang Son Broadcasting Stn obs as of 1/7 *1130-1315* on 5798, in Viet to 1245, then Meo-Dao or Chinese. ID not positive. BBCMS report of Nationality Radio Station, Dalat on 4200 at 1130-1200 has not been confirmed. Bac Thai obs on 6917v, sked now *1025-1100*, *1130-1230 Viet*; 1230-1300 a Vietnamese dialect but not a minority lang, and 1300-1328* Viet with all their own pgm, ex *1030-1325*. Since 7/6, Cao Bang on same freq, 6917v, *1330-1430* having dropped Hanoi relay 1430-1515. Son La 4770 & 6330: *1130-1200 Meo-Dao, 1200-1230*(?) Tay-Nung, *1300-1330 Viet, 1330-1400* Tay-Nung. VOV dropped 10030 for ES, completely silent freq in June (Isao Ugusa, DX Front Line 3/7)

ZAIRE V. of Education & Development, Bunia, W. *0400 on 5070v; WRTH 79 *0600 is probably in local time (Richard Ginbey, RSA, RN DX Jue Box 12/7)

MISCELÁNEA RADIAL **ALBANIA** R. Tirana first time I've hrd on a harmonic, 18600, 3 x 6200, at 0116 20/6, very strong tho messy on fundamental; rubbish in SP on 'authentic communism' (Richard Stoller, NY) MW xmt on 1458 kHz hrd with strong harmonic on 2916, 2300-2355 in PT (Michael Burden, Notts., England, RVDXW 3/7) On 9745 11/7 at 0230 QRMing HCJB (Steve Webster, RCI DXD 15/7) I've often noted them below 9750 but not as far down as 9745 (gh)

ALGERIA Tnx to tip from Larry Magne, RTVA hrd on new 11633 21/7 from 2100; very distorted in AR and other langs; 22/7 0005 began clandestine "Voz de la Resistencia Chilena" //7246 to 0035* On again at 0500 check with TS, //11810/7195. Voz Res was still claiming to start at 0100 GMT on other frequencies. 22/7 2000 EG, 2030 SP on 11633 (gh)

ANGOLA LN-7 **ANTICUA** You're the only person who would put such subversive things as harmonics in his department without sighing and grumping, so: BBCWS 20/6 at 0050 very poor on 24700, 4 x strong 6175. DW in PT with piano solos on 23730, very strong but suddenly worsened 0059 20/6, 2 x very strong 11865. And DW in GM 20/6 0100 on 23590, 2 x fair 11795 which now has het from Colombia 11793v. This one may be Montserrat (Richard Stoller, Old Bethpage LINY)

ANGOLA Em. Reg. de Menongue's correct name is "Emissor Regional de Kuando Kubango" and the correct addr is C.P. 37, Menongue. Letter from stn says the 4780 xmtz has problems and is not fully functional. Em. Provincial da Huila hrd on new 7350v and old 3970 to 2255* (Václav Kořinek, RSA, June DSWCI). Em. Reg. do Zaíre on 4906 at *0500, drifting to 4900 at 0553. Local ID at 0529 prior to R. Nacional nx relay. Em. Reg. do Lobito on 7001 had SP 1600-1700 for Cubans; few local IDs but one at 1100 (Rikard Johansson, m/m, June DSWCI) Huila on 7365 7/6 with organ IS 2159, Luanda ID. Lobito on 7000.77 7/6, local ID 2158 (Gordon Darling)

AUSTRALIA Because of the national industrial stoppage, both Shepparton and Lyndhurst were completely shut down 1400 20/6 to 1400 21/6. Only RA xmsns were from Carnarvon; no VNG, no Melbourne domestic 6150 9680 11880 15230, no ISB feeds. But domestic SW from Sydney, Brisbane and Perth remained on the air (Robert Jones, July ADXN)

BANGLADESH Here are some R. Bangladesh addr: Reception reports should be sent to: Research Engineer, Directorate General, R. Bangladesh (Research Wing), 23/7 Shyamoli (B-Block), Dacca-7. Comments on programs to: Dir., Ext. Servs., R. Bang., P.O. Box 2204, Dacca. Comments on publications to: Editor, Radio Publications, R. Bangladesh, P.O. Box 2966, Dacca-2 (CMS)

BOLIVIA R. 21 de Diciembre, 6081.5, hrd around 1000 with nice highland Bolivian huaynos, is named for the date of the Catavi Massacre in 1944, in which military gov troops fired on tin miners of the Catavi Mining Complex (Pitt McNeil, DC, via FT via July ADXN) R. 27 de Diciembre, 3350, hrd at 0115. (Jan Tunér, RN DXJB 12/7) Another massacre date? (gh) R. Machupo, 5660, per QSL is in San Ramón de la Sierra. R. San José de Chiquitos, 5585, hrd to 0400*. On 4737, R. Cultura, Cobiya hrd, announcing 4850, so ex-R. Cobiya? Watch out for a different stn 4738v42, R. Mamoré. R. Santa Cruz, 6136, at 0100 (Jan Tunér, RN DXJB 12/7)

BRAZIL The State of Mato Grosso has been divided into M.G. do Norte and M.G. do Sul, the border being the parallel 17°S. The abbr. for the latter is MS (Robert Veltmeijer, Brazil, WRTH LA News 12/7) (Cf LN-3; July LN-16) R. Clube de Rondonópolis, 2480, testing daily from 0200 (Tony Jones, Paraguay, ADXCI) Hrd 22/6 to 0301* ("RP" in Play-DX) Hrd testing 29/5 to 2/6, good at 0015, but not since 3/6. Anmt says it's a subsidiary of R. Ponta Limitada, and the town is in Mato Grosso do Norte (Vicente Bombardiere, Argentina, 13/6) Hrd same dates, very good around 0020-0040 with ID every 15 mins (Emilio Pedro Povrženić, Argentina, 10/6) R. MEC 17875 is being hrd in Eu along with the other on 16m, R. Cultura São Paulo 17815 (Roberto Lévenstein, Madrid, Spain, RN Radioatividade 12/7)

CHINA LN-16

BYELORUSSIA R. Minsk hrd at 0800 with organ IS, RS nx on 11880 (Bill Butuk, RCI DXD 9/7)

CAMEROON (Cf July LN-3) On the contrary, 9745 is anything but dead. 10/6 Yaoundé relayed a Douala soccer match in EG, FR. 1830 EG nx, 1847 FR; also can hear R. Cameroon at 0630 with EG nx and comment, then FR (Gordon Natrass, S. Africa, SCDX 26/6) R. Garoua QSL letter says on SW 5010/7240 both 4/30 kW or 100 kW. This may mean that there are two xmtz working simultaneously on 5010/7240, and that an additional 100 kW xmtz may be on either (Alexandros Koutamanis, Greece, June DSWCI SW News)

CANADA As of 1/7, RCI has a new head, Betty Zimmerman, as Alan Brown has taken an early retirement (Ian McFarland, PQ) CKFX 6080 appears to be peaking about an hour later in the east and south than here in Kansas. This is not surprising. So Klein is right; I am in an ideal location for the Canadians--that's why I wrote the survey--but propagation plays an important role too, even on 49m (Bob Rankin, Lawrence) CFCX 6005 noted 8/6 0633 with spoken "CFCX" ID with location, SW freq and meter band, cart played over record, not part of the CFCF MW pgm. A novelty worth getting on tape. CKZU 6160 Vancouver to 0800*, advanced from 0900 due to DST and hrd thru OC any nite, at varying levels; usually readable. At *0827 CKZN St John's easily hrd; no sign of the Colombian (Bob Foxworth, NY) CKZN new s/off around 0411* with "O Canada" and GSTQ--summer sked; likewise *0830 with marine wx. CKZU hrd from 0706 with regional, not net pgm of folk mx, Greek, etc, to 0800* (Syd Osterman, Ont, 18/6) 0810* 7/2 (Whitacre, MI)

CHAD R. Omdurman reported 15/6 that Chad Nat'l R. had ceased xmtz that morning after having resumed the previous evening after a 3-day break. The Sudanese News Agency correspondent in N'djamena reported the reason was 'certain unspecified quarters' had earlier ordered the arrest of broadcasters and technicians in Broadcasting House. They were released 14/6. CNR explained that radio officials had often requested the removal of difficulties in the way of their work, such as lack of xmsn equipment maintenance, damaged during Feb fighting (BBC 21/6)

COLOMBIA "HJCU, R. Melodía" hrd around 0230 19/6 on 12090.7, which proved to be 2 x new 6045.4, ex-6140, but not 20/6 (Dave Walcutt, Houston TX) 21/6 0953 getting Australia 6045, same "Cadena Líder" ID as before not mentioning SW (Jack Jones, Jackson MS) Harmonic varied up almost to 12095, QRMing BBC (Larry Magne) R. Sutatenza now *1030; 6095 fq is not mentioned in anmts (Emilio Pedro Povrženić, Rosario, Argentina, 10/6) Rdif. Nacional on new 5932 around 0100 (Jean-Jacques Bloch, MD) Varies 5930-5936 (Webster). Rdif. Nacional has dropped 13848, but 15335 is hrd from *2200 (Roberto Lévenstein, Madrid, R. Netherland Radioatividade 19/7)

COSTA RICA (Cf July LN-9, 16) R. Noticias del Continente tests began 13/5 at 2300, with Argentine tangos and Peruvian waltzes, on 9615 (E.P. Povrženić, Argentina, 10/6) Relayed R. Sardino 1/7 2302-2320 and 2/7 0015-0114. Then the TIRL speaker said this had been a special pgm on the fight of the Nic people against 'la dictadura sandinista'--that's some goof, should've been 'somozista'!--to be rebroadcast Mon 1215-1315 local, i.e. 1815-1915 GMT (Jean-Jacques Bloch, MD) A Cuban stn by proxy with pgms for Chile, Perú, Argentina, in addition to the San-

dino pgms. All vehemently anti-US, scolding like a Cuban 'Peace & Progress'; heard as early as 1830 here (Dave Walcutt, TX) Cf LN-4

CYPRUS R. Bayrak, hrd on 6141 from fade in around 1900, Turkish nx 1930 to 2000* NA (Noel Green, BBC WRC 2/7)

CHILE ARCHI, the trade organization, has furnished a list of members; many of the freqs assigned to SW stations are actually used by LVCH. Among the others not listed by WRTH are these: 6170 CE617 R. Universidad Técnica del Estado, Santiago, 1 kW. 9550 CE955 R. Valentín Letelier, Valparaíso, 1 kW. 9630 CE963 R. El Loa, Chuquicamata, 5 kW. 9650 CE965 R. Yungay, Stgo., 1 kW. 11750 CE 1175 R. Nuevo Mundo, Stgo., 1 kW. 11890 CE1189 R. Cooperativa, Valparaíso, 1 kW. ARCHI also includes as broadcasting stns CE488, R. Colo Colo on 4885, and CE493, R. Vía del Mar on 4930, as in WRTH 79. The strange thing is that in this part of the world nobody but DXers has receivers covering 60m, and Chile, especially the capital area, is not in the tropical-band zone (Carlos Maslatón, ADXCI) I think that list is more likely outdated, including deleted stations, than ultra-recent (gh)

EASTER ISLAND The ARCHI also lists R. Manu Kena with 1 kW, despite reports that it had gone off the air. If someone goes to Santiago, call the stn's rep at 737902. We've seen photos also of the ch. 7 TV stn there (Carlos Maslatón, ADXCI) R. Manu Kena presumably was MW (gh)

ECUADOR In Roger Stubbe's opinion, DXing in LAM has grown rapidly: five years ago HCJB received 100 reports per year, and now 30-40 per month (Carlos Maslatón, ADXCI Mar-May) R. Paz y Bien, 4820, extended sked to 0200* after 25 min of nx (Jan Tunér, RN DXJB 12/7)

EQUATORIAL GUINEA Whatever happened to R. Malabo? Until 2-3 months ago, provided excellent almost daily reception in ENAm. Can anyone still hear them on 6250? (CMS Telegram 9/7)

FALKLAND ISLANDS FIBS using the Stanley airport xmtr causes little hardship to the latter--only two flights are registered weekly (Weltweit H8ren via BDXC May)

GABON Libreville hrd on 7271 *0600, vernacular, into FR 0615, f/out 0655, hetting Poland 7270 until 0630f; Warsaw also in FR 0600-0630 (Bob Padula, Victoria, ADXN July)

GERMANY WEST As pointed out in LN before, the explanation of the DW xmtr on 4882 is that it is a feeder to Malta; I don't know why people connect it with Montserrat, cf mid-June UD (gh) For J79, all RFE fqs 9595 and below are from Germany, and all from 11835 and above are from Portugal; in between, could be either. No RFE xmsns come from former RL facilities, but some RL xmsns come from RFE sites. All R. Liberty xmsns 9505 and below are from Germany (gh)

GREENLAND With semi-sovereignty, the official language has been changed from Danish to Greenlandic, an Eskimo tongue, and the name of the country to Kalaallit-Nunat, meaning "Land of the People" and the capital Godthaab is now Nuk, "Point" (Time, 14/5, via Patrick Allen, SPEEDX Utility Report, June)

GRENADA R. Free Grenada, 15045, excellent signal 11/7 2347-2359* world nx; also obs 6/7 on 15105 at 2110 with C&W mx (Steven Shaffer, Hammond IN) Cf June LN-2, 15104.5 hrd 2010-2113* when goes off with no amrt, coming up on 15045 after 2115, but sig not as good as 15104.5. Never hrd 15125, and 15370 not lately (Syd Osterman, Ont., 18/6) RFG making it into NV, 2300 fair on 15045, mainly religious pgms (Joe Tangredi, 16/7) A real rib-tickler is the daily obit show at 2309 contrasting with BBC news, playing a scratchy "Old Rugged Cross" record in the background. The half-hour newscast at 2330 is quite good for Caribe-watchers (gh)

GUINEA BISSAU Rdif. Nacional may well have cut back xmtr power, since 5041 not reported in NAM DX mags since 10/78, and Karaglanis /England/ reported to SCDX that it had been missing since Oct., but Miki Vcelar in South Africa says he can hear them, poorly due to Angola 5042. Reception was once good in ENAm; they haven't answered our letters (CMS Telegram 11/6)

GUINEA NON BISSAU Conakry noted at April end on varying 6076/6070/6060 // all listed fqs except 7125 (Rikard Johansson, m/m, June DSWCI SW News)

INDONESIA RRI Jakarta has reactivated 4775, hrd 1100-1500*; don't confuse with Afghanistan (G. Victor A. Goonetilleke, Sri Lanka, R. Nederland DX Juke Box 29/6) more, LN-16

IRAN VOIRI new morning AR svc, traced on 15315 from 0430 2/7 tho 11735 still anc'd (BBCMS) Returned to 9022 from 9138, noted 9/7 2300 //15084 (Steve Webster, Ont., 11/7) Since 9/7 ES pgms 1730-0130 reverted to 9022; had been misaligned on 9138v since 22/4 (BBC MS 12/7) 15/7 at 2206 on 9022, no 9138 (Arthur Bodek, NY) Last weekend it was back on 9138 again (George Wood, SCDX 17/7)

ITALY R. Milano International reactivated 1490 kHz a few days ago, 24h with 500W, and within a few days will begin testing 24h with 500W on SW 6130, but check the fq especially in the mornings. A new stn, Compagnia Italiana di Radiodiffusione, will begin testing in July on 6240 on this provisional sked: IT Thu 0500-0530, Sun 0600-0730, Tue/Thu/Fri/Sat 1200-1230. EG: Sun 0800-0900, Wed 1200-1300, Fri 2300-2330. FR: Thu 0530-0600, Sun 0730-0800, Mon 1200-1230. SP Thu 0600-0630. GM Thu 0630-0700. Reports may be sent via Play DX, Via Davanzati 8, 20158 Milano (Play DX 25/6) In the case of Italy I'm never sure whether to consider stuff like this piratical (gh)

JIBUTI R. Jibuti, 4780, noted at 1500 tho WRTH says *1600; hrd past 1900 and is stronger than some months back when it went off the air. New xmtr? Unmisakeable Somali mx and talks often hrd, last 16/6 (G. Victor A. Goonetilleke, Sri Lanka, ADXN) So try for it WNA before 1500(g)

KIRIBATI (pronounced Kiri-BAS) became the world's newest country at midnite 11/7, formerly the British colony GILBERT ISLANDS plus other atolls in the LINE ISLANDS and PHOENIX ISLANDS. The U.S. has agreed to give up claims to Canton and Enderbury but this remains to be ratified by the Senate. The capital is Tarawa, and Kiribati is the only country to straddle the Date Line (Washington Post, 12/7, via Bob Foxworth) Formerly site of SWBC station; they really ought to try it again to cover this vast area of 2,000,000 square miles (gh)

KUWAIT R. Kuwait has registered a new 500 kW xmrtr with the IFRB (David Sapsford, WDXC June)

LAOS Houa Phan hrd 1225-1425 in Lao on 6187.5 //4655 (Victor Goonetilleke, RN DXJB 29/6)

LIBYA The Radio Ship Al Fatah (formerly the Mebo II), Tripoli, fades in around 1240 on 7165 with Holy Koran pgm, but is subsequently jammed (Paul Karagianis, England, SCDX 10/7) cf LN-8

MALDIVES (Cf July LN-8) Oakley's log has been confirmed; she also says she has hrd and confirmed R. Maldives on 9558 at 0705 20/4 (Bob Bodell, July SPEEDX)

MEXICO R. México's address is Estudios Churubusco, Atlas No. 2, México 21, DF (Miguel R. Naranjo Saroza, Tunas de Zaza, Cuba) May have curtailed sked; noted 0332* 21/7 on 15430 and 17765 after "Teletipo" (gh)

MOZAMBIQUE Nampula, formerly from 0230 on 3165, now *0255 on 3142; Pemba on 6676 or 6677 at 0255-0500, 0555-1800+. Maputo-A on 6375 //others 0756-1600+; Maputo-B 4925 missing since 27/6 (Rikard Johansson, m/m off Moz, SCDX 17/7) Cf LN-5: Quelimane on 7158 ex-7150, *1000 in EG, FR, SH, PT; variable fqs obs: Maputo 4868 4926; Beira 4893/4897, 4815/4817, 6025/6026 and 9635/9637. Nampula 4937 ex-4946, Quelimane 4902v *0300; Pemba 4838 ex-4936 not active: the morning (Rikard Johansson, June DSWCI SWN)

NETHERLANDS RN has started a press campaign to stimulate SWL, encouraging Dutch tourists abroad to listen to the stn (SCDX 3/7)

NETHERLANDS ANTILLES Unbelievable but true: RN 9590 EG 0230 3/7 was dealt heavy QRM from TWR Bonaire in EG with usual pgm, nx, Jack Van Impe, etc. Both SIO 522. Still mixing at 0328 check, gone by 0330; no EG listed at this time (Jay Novello, Endwell NY) I have also noted this other dates, presumably a mix with the 800 kHz MW outlet. RN has also had serious problems with the cable feed from Hilversum, 20/2 audio cutting out several times a minute, 21/7 continuous but quite distorted. And there sits their own satellite dish, which they are not allowed to use! (gh) 24/7 0250 HF feed, lousy for classical! Knightsbridge à la DXPL(gh)

NIGERIA Lagos 4990, noted at 0130 with election results, mx, covered by RSA at 0400 (Syd Osterman, Ont., 15/7) As I recall the elections go on for several weeks, so in early August you still might find some Nigerians running all-night (gh)

PAPUA NEW GUINEA P2T11, 11880, with propagation tests 13/6 *2245-0715*, same pgm as 4890, 9520. This is the 3925 xmrtr not normally used in this time period. 18/6 to 0345* and then on 9575 at *0400-0715* this date only, with special sports pgm not //9520 (Robert Jones, NSW ADXN) Hrd 12/7 on 11880 0633-0700 or so, off soon after. Again 13/7 after SFR 0615 close, "National Radio coming all the way from PNG" to 0708* Not hrd 16/7 (Syd Osterman, Ont.)

PERU R. Melodía, Arequipa, now on SW 5995, hrd after Mali 0002v* till VOA GM *0230, 10/7 (Jean-Jacques Bloch, MD) Asks for reports, promising picture postcards, hrd around 0100-0200 (Jan Tunér, Sweden, RN DXJB 12/7) Hrd 0016-0110 14+19+23/6 (Andrea Lawendel +3, Play-DX) Address is Calle San Camillo 501 (SWB via Play-DX) 5980 stn's exact name is Onda Panamericana Nacional, often hrd in Sweden around 0145 (SWB via Play-DX) Cf July LN-8; the "R. Santa desde Santa" was actually R. Pampas. 4854 (George B. Sherman, MN) Hrd around 0230, QRM Par 4855 (Jan Tunér, DXJB 12/7) R. Tacna, nom. 9505, hrd on 9485 (Nicolás Eramo, ADXCI) R. Andina 4995, Huancayo, runs to 0615*, Suns 0700*. R. El Sol 5970, 1200-0545. R. Continental Arequipa, 6055 to 0600* (Roberto H. Iglesias, ADXCI) Hrd around 0230 on 6056 (Tunér, DXJB) On 4875, R. Cooperativa Satipo, hrd fairly regularly last week in Apr, first week in May, a 2300-2400 despite heavy QRM from R. Brasil. R. Quillabamba, 5025, to 0300*, local Sun 0200* R. Ayaviri, 5035, regularly hrd after Aparecida 0300*, sometimes to 0330*, others to 0515+, and sometimes not at all! (Tony Jones, Paraguay, ADXCI)

POLAND The seldom-heard service to seamen noted on 9525 around 2200 (Richard Utter, NY, 14)

SAN MARINO This republic on an Italian mountain has a radio stn, Radio Roger, which has now verified after 11 months--freqs are 90.2 and 99.3 (FM) (Dario Monferini, Play-DX, Milano)

SA'UDI ARABIA Per Saudi News Agency 26/6, BSKSA 'clearly hrd in various parts of America' since installation of new xmtrs and power increase. Minfo has thus instructed the HQS in Riyadh to BC a nxcast for Moslem students in America, the agency said. On 29/6 the stn was obs linking up with Riyadh DS for 1800-1815 nx. Also HQS Jiddah on MW 1485 was to introduce pgms in Korean 'in view of the growing number of Korean communities in the Kingdom' (BBC MS 5/7) Now there will be an excuse for mixing up the words "Korean" and "Koran"!! (gh)

SOLOMON ISLANDS SIBC, 9545, very good lately; local nx 0745-0755, usually quite interesting and informative, a pleasant change from the usual junk music (Syd Osterman, Ont., 10/7)

SOUTH AFRICA Has anything happened to Radio RSA's xmtrs? I can't seem to hear them anymore (Andrew Blumberg, Brooklyn NY) I hear them, but poorly. Perhaps reception will improve with the equinox (gh) /Canary Islands, L'Onde not a likely harmonic fq (g)

SPAIN REE hrd in SP 1805 16/6 on 15590 (Naranjo, Cuba) 1730 20/5 on 29730 (Edmundo Herrerc

SRI LANKA QSLs from SLBC may now have ceased. Lal Herath of the Engineering Staff had been attending to DX reports until recently, but has now left for Abu Dhabi (Goonetilleke, ADXN)

SUDAN Per SNA on 1/7 Pres. Numayri opened the Goma broadcasting stn, built by a US company, in south Sudan that day (BBC MS 5/7)

SWITZERLAND The UN pgm booklet says the SSB xmtr on 7443, HBX37, at Prangins uses A3A type modulation; the carrier is centred on 7440 but at a level of -26db, and modulation is centred on 7443 with a swing of 6 kHz (Rob Kipp, Germany, June DSWCI SW News) **UKOGBANI LN-16**

UGANDA R. Uganda is back--EG to Nam 0300-0415 on 15325, signal as strong as ever, but now QRM'd by R. Moscú till 0400. EG IDs and anmts, continuous Af mx (Joe Tangredi, NV) Under Moscow at 0400 (Andrew Blumberg, NY) S/on seems variable, noted 4/7 *0300, 5/7 *0329, 6/7 *0329. Some days covers Moscow, others vice versa (Syd Osterman, Ont., 10/7) For a while the audio was excellent! from xmtr site Soroti apologizing for lack of feed from Kampala, but since then back to usual (Dave Walcutt, TX) Irr. during June on 6030 for E&CAF obs on about 9 different days, incl nx in EG 1000 & 1500, Swahili 1400. To Saf 9515 twice, EG nx 1630 (BBC MS 12/7) *0310 on 15325, news 0315; HS in EG on new 4932--not Nigeria--hrd at 0435 -0440, ID, local time, pgm review (Jean-Jacques Bloch, MD, 18/7) unID but Telco-quality audio on 15250 17/6 1902-1908* mixing with VOA; Afro group vocals, woman in lang doing continuity. I bet Uganda; Blumberg hrd 15250 in March (Richard Stoller, Old Bethpage NY)

U S A VOA feeder, per SPEEDX Utility Guide at Bethany, on 7770 observed 19/6 and 20/6; **more**, 0410-0730 USB Breakfast Show, 0558-0730 LSB French, 0730-0745 Arabic (?) on LSB + USB, /LN-16 0745-0800 LSB Swahili per anc'r, possibly others; 0745-0802 USB Hausa and French, circa 3 mins each, then EG with excerpts from Carter and Brezhnev on SALT. On one or the other of the later periods I hrd the anc'r state "Returning you to SLBS" /Sierra Leone/ (Ralf Munster)

U S S R (Cf July LN-7) On apx 15025.2 at 2200 2/7 & 3/7 I received one carrier with two modulations, on AM, no hets, predominantly Slavic lang with RMWS under until former 2257* At times low freq hum like Havana also audible (Conrad Richardson, Lynchburg VA) At 2300 they become R. Vilnius; so the xmtrs involved are on 15240--not audible--and 15455 (Stanbury, Ont) RMWS very strong on 19060, 0112 20/6, better than fund 9530 (Richard Stoller, NY) (Pitt McNeil)

VENEZUELA (Cf July LN-7) 4770 indeed IDs as given, more often simply "Mundial Bolívar" / **ZAMBIA** (Cf July LN-7) ZBS 6165 has rejoined the General Service net; until recently was ZBS DS. 3346 is back on with GS early morn & eve. 7250 now used from 0630 for GS in Bemba. On 27/5 ZBS quoted an Eastern Province politician that people were now happy there with R. Zambia reception (BBC MS 14/6)

ZIMBABWE-RHODESIA As of 1/6 RBC became ZRBC, known as "Voice of Zimbabwe-Rhodesia"; otherwise there have been no changes (Richard Ginbey, RSA, RN DXJB 12/7)

FUTURE PLANS **ANDORRA** Dir. of R. Andorra, M. Marquet, would like to have from listeners in UK or Scandinavia accurate signal strength measurement in microvolts for SW xmsns, as well as suggestions for better fqs; they only have xtals for 6215 and 6230 but would get a new one if convinced. The xmtr will operate on bands other than 49m, so they could move higher with a modified aerial. Future plans are for 10 or 20 kW with a log periodic (Andy Sennitt, DSWCI SW News June)

BOTSWANA The VOA xmtr planned for southern Africa has been tabled or dropped (Tom Blossom, Austinburg OH, July REVIEW OF INTERNATIONAL BROADCASTING)

BRUNEI RTB sked effective 26/2/79 notes that the only two SW channels, 4865 and 7215, are to cease xmsn as of 1/9/79 (Stu Klein, FL; Bruce Boomer, WV) So the sked given until then is: 4865: 2200-0600 & 0900-1430 (Sun & Fri no break). 7215: 2300-0530(Sat-0630), 0800-1400, including EG 2300-0030, 0300-0530, 1200-1400 (via Boomer)

CANADA (Cf July LN-11) CKZU 6160--the SW twin of CBC British Columbia--is threatening to terminate service. Listeners interested in preserving CKZU should write Box 4600, Vancouver. Particularly valuable are letters from B.C. listeners. The problem is that their antenna requires replacement and they must somehow justify the expenditure (D. Fraser, Prince George)

ECUADOR The HCJB 3220 outlet began 18/5 with a new 10 kW xmtr, but at the outset with about 4.5 kW, to work up gradually to full power. We hope to have a second 10 kW xmtr on 6180 with Quechua by the end of the summer (Clayton Howard, via AIDX June) Whose summer? (gh)

FRANCE No service in EG to Am is likely at present, says Pierre Kemmer on the PCA mailbag pgm 21/6, but he went on to urge a massive letter-writing campaign that might change some minds in the government. Letters can be sent to RFI, Paris Calling Africa, Box 9516, Paris (Bill Flynn, Pittsburgh PA, July REVIEW OF INTERNATIONAL BROADCASTING)

HAWAII Around 1973 the Billy Graham Evangelistic Association applied for 4 x 250 kW xmtrs on Maui, but it is still stalled at the FCC because of nearby military bases; and BGEA can't afford it right now, anyway. KTWR, also near military bases on Guam, was approved because it is lower-powered (Roger Stubbe, HCJB, at ANARCON 79, Minneapolis)

MONGOLIA Per Montsame, a new stn in Ulan Bator, gift of the USSR, was commissioned 5/7. The Soviet ambassador said it would improve reception in central Mongolia and in many countries and continents. Mongolian leader emphasized that the Voice of Mongolia would be hrd by millions of people in various world countries via this powerful stn (BBC MS 12/7)

NAMIBIA (Cf June LN-8) On 20/6 SABC reported that SWABC had decided to proceed with construction of a SW xmsn stn near Windhoek, costing an estimated 1,320,000 rand, to include 2 x 100 kW xmters and will take about 15 months to complete (BBC MS 28/6)

NIGERIA VON reported 18/6 that three xmters are to be set up in Niger State--in Bida, Silaga, and Kantagora--part of the state's broadcasting corporation's efforts to give adequate and effective publicity to the activities of the state and local govt (BBC MS 21/6) VON is getting 3 x 500 kW Brown Boveri xmters with antennas for Nam/Carib/SAM; the first one should be on the air in 12/79; the other two by 3/80. Thus VON hopes to begin a NAM svc; as well as SP to Eu, and PT to SAF. A 250 kW xmt is already being installed from Marconi, and we have already erected arrays of 34 aerials to cover most parts of the world, including Australia and Asia (VON at ANARCON 79, Minneapolis)

SWAZILAND The new TWR 100 kW xmt is being installed and will soon be on the air. The new curtain antenna for it to reach C&EAF has already been erected and in use (Daily Word, via Charley Hoffman, PA, via July REVIEW OF INTERNATIONAL BROADCASTING)

U S S R Paul Kuznetsov of RM DX Club is conducting a QSL design competition for the 1980 Moscow Olympics. He gave no rules or specifications; there would be prizes, but he didn't say what. But the deadline is, 4/9 (Joe Tangredi, Las Vegas NV)

CLANDESTINE CRANNY

Radio Sandino continued thru 19/7 as before, but as of 22/7 had not been hrd since 19/7, their victory having been accomplished and the need for SW ended. Here is another summary of developments:

10 June. 7317v *0300 mixed with non-stop mx from Somoza jammer (Gordon Darling, Eng, WDXC)

14 June. Date of BBCMS report of variable sked of 0300, 1030, 1900 on 7588 and 7702 not //

15 June. 7588 anc'd it would also be on 31m from next day, but no channel found (BBCMS)

16 June. 7588 logged 0305-0310 under heavy CCI; couldn't trace 7317 (Darling, UK, WDXC)

17 June. Continued to this date at times above with pgms of varying length. ORM mainly from Radiodifusión (sic) Nacional and also Estacion X, normally on 620 and 750 resp (BBC MS)

18 June. On 7315 and 7588 from 0300 and 1030, having dropped 7700; again, not // (BBC MS)

25 June. Since this date Sandino and other Nic pgms one hour later; the country apparently reverted to GMT -6 at midnight 24/6 (BBC MS)

26 June. R. Sandino anc'd that Sandinista committees in Matagalpa had begun a "R. Insurrección" on 7100 at 1700 daily. And that R. Masaya would begin broadcasting 'when it is ready'. Later that day, R. Relej de Costa Rica said 'the Sandinistas now have 3 clandestine radio stations, mentioning in addition to R. Sandino, R. Masaya, and 'a station in Matagalpa'. The Nic govt RTV office had called an urgent meeting of R & TV directors (BBC MS 5/7)

1 July. At 0400-0510 Sandino very weak on 7587; no jammer; 0510 start of 'Somoza music' jamming on 7585. At 0532, Sandino on 7579; at 0535 RTTY on 7579; at 0542, nothing on 7579; 0544, Somoza mx on 7579; 0552 Sandino on 7702, Somoza mx on 7704.5. Sandino loud and clear on 7702, maybe different xmt than 7587. 0651* Sandino signed off 7702 giving xmsn times as 5:30 am, 2 pm, 10 pm; as Nic is on CST now, this would be 1130, 2000, 0400-0650. Slogan: "La victoria es nuestra", as compared to "será nuestra" in May; "adelante combatientes sandinistas; no, a la intervención yanqui en Nicaragua!" Somoza mx suddenly 0658* on 7705. R. Sandino said the Front operates a stn in Matagalpa, which they first thought of naming "R. Matagalpa Libre" but it actually went on the air as "R. Quince Regional" (?). This same night I hrd 0702-0720 some vehement talk on 5955, very poor reception due to strong OC on same frequency, but I did hear them say "no al somozismo" and IDs sounding like R. Estelí. See also COSTA RICA, LN-7. (Jean-Jacques Bloch, MD) At 0458 7702 with live-sounding discussion; no other freqs on or hrd due to QRN; 0505 7587 audible, not //; 0512 mx on 7584 (gh)

3 July. 0430, 7702 saying any aid to the Nicaraguan Red Cross goes into the power of war criminal and genocidist Somoza; 7587 also on, much weaker, no jammers (gh) SCDX this date quotes James Jordan, England that Sandino was on 4795 at 0430 /on an earlier date/. More likely some IAm station relaying it newsily (gh)

4 July. 0420, mx on 7702, low varying het; not on a few mins earlier; and no others on yet 0557 7702 Sandino with mx, ID 0558; no 7587; 7707 Caribbean mx jammer easily separable, with phone-quality audio. 0605-0614 7702 open carrier, then Somoza critique (gh) 7708 Latin mx 0705 in rising frenzy, OC 0727 past 0740, no anmts, assumed Sandino (Ralf Munster, GA) No.

5 July. 7702, R. Sandino 0720 "Viva Nicaragua Libre", etc. choral mx, silent 0732-0737, ID 0800, still going strong at 0820 (Ralf Munster, Decatur GA) During the first days of July R. Sandino obs with its 3 daily BCs on 7702 and 7588; but on 5/7 the 1830 xmsn was hrd on 9615 (BBCMS) Obviously, R. Noticias del Continente. Hmmm, was its xmt ever on when both of Sandino's were? (gh)

6 July. R. Relej reports that FSLN had set up a new "R. Revolución" in Granada (BBCMS 12/7) 0430 on 7586, man with semi-screaming voice, mass chorus snatches; too painful in terms of sound to try to listen to. 0455 on 7702, different pgm, miserable reception. 0505, different stn with mx on 7705 (Ralf Munster, GA)

8 July. Argentine news agency Latin said 'revolutionary' stns continued on MW from two cities and were hrd in Managua and almost all of the country's Pacific and central regions. R. Insurrección operated on R. Matagalpa's fq 570 kHz, and R. Venceremos could be hrd on 1410, the Ondas Populares fq in León (BBC MS 12/7)

10 July. 0415, 7317 on before others, listing firearms (captured?), e.g. mortars, machine guns, Sherman tank; casualty counts; 0426 het on, pitch varies, some mx; tries to zero-beat

but is too unstable. 0435 somewhat prematurely "La dictadura somozista está derrotada" but not his jammer, no problem, just mx on 7321. At 0505 check, 7587 was on, weak and QRM'd, no jamming, and not //. At 1240, only music jammer to be hrd, on 7322. (gh) Spanish Foreign Radio mx also reports on R. Insurrección and R. Victory in León.

11 July. Around 0600, Sandino on 7316 (Steve Webster, Ont.)

13 July. Noted on 7317, R. Sandino at 1155 with eloquent speech (gh) At 0510 R. Reloj de Costa Rica relaying Sandino on 4832. After it ended, ancr said next relay would be at 6 a.m. local. At 0525 same nite I tuned to Sandino 7316 and hrd the exact same pgm as heard earlier on Reloj (Pitt McNeil, Washington DC)

15 July. Has anyone else noticed the audio characteristics of the background noise on 7316? Quite different from the sound on 7587. The rushing sound is a little like the surf and is superimposed on R. Sandino's carrier along with the regular voice modulation and music--it is not part of the signals jamming the stn. It is a noise I have come to associate with HF feed, like BBC-Ascension (Bob Rankin, Lawrence KS)

17 July. At 0400 R. Sandino on 7587-8 with song about National Guard, marimba, 0405 ID. At 0406 mx jammer on, VFOing around (gh) Carl Beck reports /on earlier reception/ that 7702 had replaced 7315, and 0600* replaced by 0735* or 0750*. 7705 was an all-music pro-Somoza jammer. Nothing hrd on 7585 for a week (SCDX)

19 July. By now Somoza had resigned and was leaving the country. 7317 at 0410, at last no jamming, just R. Sandino with ecstatic claims of victory; 0417 "somos libres!" etc., really wild yelling of "Patria Libre", etc. 0430 hi-speed RTTY begins under Sandino mx, mx stops while RTTY continues, overlapping start of mx again at 0433. Seems to be from same xmtr rather than QRM! 0434, "transmitimos desde Nicaragua libre", 0439 announcing that Mexico had recognized their govt; RTTY starting up again. 0442 tune in 7587 now on, announcing Mexico recognition--consistently running about 2 1/2 minutes behind 7317. At 0449, trying to listen to Larry King interviewing SF writers on WSB-750, started to hear R. Sandino //7317, so at this point they had taken over Somoza's Estación X. 0500 on 7317 repeating "our Sandinista chiefs will tell us what to do", still going past 0516. (gh)

20 July. No sign of R. Sandino or jammers on usual 7 MHz channels, in 0400-0500 period. Its mission accomplished, R. Sandino apparently has closed down SW operations. Same situation 21 July, 22 July, 23 July, 24 July.

I had speculated on RN and RCI DX pgms that 7702/7317 was likely transmitted from Cuba (gh) I feel this is not strongly enough based in fact, If the site was in Cuba, it would not have been difficult for the Somoza govt to detect and proclaim as evidence of Cuban, and thus communist, involvement. No evidence, or even claims that the stn is in Cuba have emerged in the US press, not even in the most conservative journals. Occasional urgent commands to troops and so on further limit the xmtr site to a relatively nearby QTH in which the leaders are known to be--Costa Rica. AP, UPI, Wash. Post and Time/Life all say it's in CR. This all follows CR's open support of the FSLN since last March, when R. Sandino went off for 3 weeks and made a comeback with higher power and slicker production. Thus, the implication that Sandino is probably in Cuba is probably wrong, and in need of correction (Pitt McNeil)

My idea was that the second xmtr only (7702/7317), which did not appear until 12/6, was from Cuba. Certainly Cuba was strongly involved, as per the BBC reports in July LN. Rankin's obs of off-air-quality lends credence to 7702/7317 being outside CR. But your evidence, as well as mine, is nothing but circumstantial. Journalists are no help, of course, with their customary disdain for giving the exact frequencies of stns they write about! (gh)

Voz de la Resistencia Chilena via Algeria now hrd after FR nx, 0003-0035, instead of 2300-2330, on new 1414.8 (good), 6160 and 9705 (some QRM), ex-891, 6160, 7245 (Oscar Hansson, R. Viking DX World 3/7) Well, on 22/7 hrd at 0003-0035* on 11633 and 7246 (gh) Magallanes LN-6

Voice of the Free Sahara, anti-Moroccan from Algeria continues carrying Polisario Front BCs in AR, FR, SP 2200-2300 in the ES on 15160 11810 9640 9610 7195 575 while another anti-Moroccan pgm, Maghrib of the Peoples, is at 2200-2400 emphasizing Maghrib unity, in the remaining DS freqs, from the Oran studios (BBC MS 28/6) The latter returns to the Algiers studios for mx 2300-2315. VOFs, which does not identify its source, hrd only twice; since 20/7 (sic--should be 20/6 -gh), on 29/6 and 1/7. On 29/6 it was on all Algiers Arabic and Kabyle fqs except 980--carrying MOP--and some French service fqs (BBC MS 5/7)

R. Free Zimbabwe, first on 7275, then on 7150, variable times -1000-1145-; 1010 relays radio news from Zimbabwe (?); never mentions QTH; maybe Mozambique (R. Ginbey RN DXJB 12/7)

Zimbabwe People's Revolutionary Voice no longer carried on Zambia's 7250 channel (BBCMS 14/6)

Revolutionary Voice of Zimbabwe 30/6 Dar es Salaam radio anc'd that the ES would intro 1/7 addl half hr pgm for Zimbabwe Patriotic Front at 1915-1945. Subsequently confirmed; in Ndebele, Shona, EC, with world nx, commentaries, mx (BBC MS 5/7) The 15435 anc'd, on 9685 only (BBC MS 12/7)

Voice of the Eritrea Revolution (Arabic: "Sawt ath-Thawrah al Eritrea") pro-ELF, including nx, reports of ops vs Ethiopian troops, press reports of support for ELF, and talks thought to emanate from Baghdad, Iraq, now sched M/W/F 0445-0545 on 6170; Tu/Th/Su 1430-1530 on 7245; first half hour in AR, last half in Tigrigna (BBC MS 7/79)

Voice of Arab Egypt Syrian Arab Rep. BC Serv. anc'd that from 10/6 it would BC daily at 1930 on all its fqs this one-hr pgm (Arabic: Sawt Misr al-'arabiyah) (BBC MS 14/6) Daily 1930-2030 obs on 827 782 746 666 566; 952 and 927 not confirmed. Hostile to Pres. as-Sadat and to the peace treaty with Israel (BBC MS 21/6)

Bizim Radyo & Voice of the Communist Party of Turkey (cf July LN-13) I can affirm from personal experience that many of BR's xmsns do indeed come from Romania. I spent two years there in the late 60s as a Fulbright student. While exploring the FM band 88-108 MHz, I ran across the STL for R. Bucharest's foreign SW svc, I believe around 94-95 MHz. Carried on the same freq were pgms of three 'clandestines'--Bizim radyo, Radio España Independiente, and Rádio Portugal Livre--the last two of which no longer exist. Altho the R. Bucharest pgms were hifi the others had phone line hum and attenuation, indicating they were piped in from elsewhere. Turkish students here at KU tell me it is common knowledge that the studios for the Turkish broadcasts are somewhere in the GDR. Bizim radyo's SW xmtrs were at the little Romanian village of Țigănești, about halfway between București and Ploiești. I drove this route to the mountains many times, and my plastic Grundig would overload and go completely bananas with R. Bucharest or clandestine signals whenever I passed the cluster of telephone pole mounted antennas at Țigănești. Doubtless the clans enjoyed xmtg facilities in other 'fraternal' countries as well (Bob Rankin, Lawrence KS)

Voice of the Omani Revolution via R. PDRY 1545-1628, no longer contains a Persian pgm for Iranians at home and Iranian soliders in Oman from 1615 to 1628, per recent obs (BBCMS 5/7)

Voice of the Revolution, Voice of the People's Front for the Liberation of Oman is a clandestine pgm broadcast daily from Libya at 1830-1845 on 15100, hrd 23/6, with anti-British, anti-US, anti-Israeli talks in Arabic (Jean-Jacques Bloch, MD)

Iran VOIRI interviewed 20/6 the PTT Minister Dr. Mohammad Islami, who outlined moves to combat unofficial broadcasters. Certain stns broadcast after 1730 and discussed 'harmful matters' and detector vans uncovered five of them one night in Tehran. Describing them as 'foreign' and 'illegal' radio stations, the Minister said that 'the former security organization (SAVAK) provided these facilities in 26 locations all over the country which we are gradually taking over, experimenting with and will eventually use to cover all the country.' (BBC MS 28/6)

Thai Revolutionary Peoples Radio Station Newspaper Matichon reported 11/6 that per a military source this stn would be established soon to compete with the Thai Communist Party's Voice of the People of Thailand. The new stn will be set up in Laos, possibly Savannakhet. Per the newspaper Nation Review, the stn will be led by a breakaway group of Socialist Party members and may follow a pro-Soviet and pro-Vietnamese line. The move to set up a rival radio stn began early this year, after the Communist Party of Laos handed over an ultimatum to the CP of Thailand to move out part of its stronghold in Lao territory before yearend (BBC MS 21/6) Pro-Viet guerrillas are too weak to form a rival party to the CPT, per supreme command chief of staff Gen. Saiyud Kerdphol 13/6 (Far Eastern Economic Review 22/6 via Isao Ugusa, DX Front Line)

Voice of the People of Thailand 6035 & 9423 is now off the air, a move on the part of the Chinese, apparently, to better relations with Thailand (Washington Post 12/7 via Pitt McNeil) In its 1000-1055 xmsn in Thai 10/7, VOPT announced it was temporarily suspending BCs from 11/7. In introing the pgm's final song, "Proceed to expand operational areas", the anc'r said "I bid farewell to listeners; may you enjoy good health and success in your work." The monitoring obs tend to place xmtrs in the Kunming area of Yunnan Province (China), the Bangkok Post reported 3/6/77 they were in Ken Thao, Loei Province in Laos, or somewhere in the "Golden Triangle" area of Laos. Another newspaper, Nation Review, reported 10/8/77 that VOPT was at the border point of China, Vietnam and Laos known as "Sipsong Panna" (BBC MS 12/7)

Voice of Democratic Kampuchea Exiled Khmer Rouge foreign minister Ieng Sary, in a 18/6 Peking interview with AFP, was asked about reports that this stn was based in China's Yunnan province. He replied that there was 'some truth and some falsehood' in the allegation. Observers believe this to mean that broadcasts made by the Khmer Rouge underground forces could be relayed back by a stn in Yunnan, the agency concluded (BBC MS 28/6)

Voice of the People of Malaya June obs indicate this pro-Peking stn has reduced duration of some of its BCs. The former 2230-2315 Malay is now 2230-2245 and the 2315-0015 Std Chinese now comes at 2245-2315*, signing off until *1130 (BBC MS 5/7)

Laos A high official of Lao govt admitted the leader of Meo insurgents continued to operate a clandestine BC, possibly from Yunnan Province, China. He said by supporting ethnic minorities, China was to establish puppet govt within Laos. He explained, however, Vang Pao, the leader of the Meo rebels is already dead and only his recorded voice is carried in that broadcast (Asahi Shimbun 15/4 via Tsukamoto, DXFL) A new pro-Chinese stn, but does it really exist? Hanoi and Vientiane continuously accuse Peking of supporting "Vang Pao and Gen. Koong Le of the reactionary 'neutralist' forces". Peking says Hanoi's just making it up (Isao Ugusa)

Ireland The govt of the Irish Rep. is to intro a new law to stop pirates, raising the current £50 fines to £10,000. This will probably deter most of the current stns (David Kenny, England, SCDX 26/6) As a result, the most active unofficial SW stns, R. Condor 6243 and West side R. 6280, were hrd making farewell broadcasts in April. But they were both back as usual 13/5. Compensating, also is the revival of Skull & Bones Radio System, dormant since 1/78, hrd on 6276 13/5 after 0930. Perhaps the fine Irish, or (Groucho) Marxist sentiment of "whatever it is, I'm against it", has produced the revival (John Campbell, DSWCI SW News June)

R. Barnag, a rare Belgian (more or less) stn, is about to appear on 6300, testing Suns at some times between 0730 & 0930, possibly 0800, and maybe also 2100-2400 Fridays. Reports can be sent to me; no, it won't be in Devon, and I'm not disguised as a Belgian (Campbell, DSWCI)

Radio Highseas International hrd on 3830a 8/7 0443-0501* talk and mx, many IDs in EG and FR 0450, "Springtime for Hitler", jingles, British-sounding male DJ saying his name was "Broad-caster" and that "Larry" or "Lester Burns" was running the xmtr tonight. Excellent pgm. Said they would open up a toll-free phone no, but abruptly off in mid-music at 0501, SIO 444 to 333. Re the name "Burns", in the 11/77 PE article on pirates by Harry Helms, there was a stn active in mid-Dec 1973 calling itself R. Clandestine. Like R.H.I., it claimed to be on a ship off the Atlantic Coast! And, the ancr at R. Cland claimed 'be "R.F. Burns"! I wonder if there is a connection, or is it coincidental? (Mike MacG. Indianapolis IN) RHI seems to have the same operator as the sporadic "WBLO", also with high quality signal from the NYC area (Daniel Srebnick, Staten Island)

"CREW", Halifax NS, approx 1610, 0300-0500 24/6, seemed to have xmtr problems, as off the air frequently for a few seconds. Pop mx, Cosby records, "C.R.E.W. Commentary" ridiculing the gas-oil shortage in the US, blaming the govt and transportation laws. IDs as "Crew-AM-16", "Crew-Halifax" also giving latter as address for opposing views. Poor to fair signal (John Fisher, Chelmsford MA) More pirate madness on 1613 this time, "CRAW" Halifax, first hrd 11/6 0200-0330 sleepout with old and new rock, some disco, M ancr took some calls on request line, didn't catch number. Fair sig, very deep fades like BCB DX. Not Maritimer accents, didn't say "eh" once, the Canadian all-purpose semi-word. Raspy carrier, but quite professional. Also presumably hrd with rock mx tests at 0020, then OC, same raspy carrier (Richard Stoller, NY) I'm positive it's CREW, hrd it 8 times, sometimes with excellent signal, taped ID (Arthur Bodek, Cedarhurst NY, 16/7) On 1614.5, fair sig with bad FMing (sounds like buzzy modulation with BFO on), at 0235 10/6, ID's as "ERW" or "PRW" or similar, audio fuzzy. Said was in Halifax NS and would be on until 12 o'clock local. Had staged 'calls' from 'listeners' in far places such as Edmonton saying hearing 'loud & clear' (Bob Foxworth, Mineola LINY)

"WCBX" on 1619 at 0128 25/6 with movie mx and ID, then off (Arthur Bodek, NY) the unID on 1620 with the old WMCA talk show was WCBX NY, replaying a tape of the final WMCA Alex Bennett Show --I get a powerful groundwave from them here and they seem to operate with over 250 W. Best time to listen is pre-midnight when they come on sporadically (Daniel Srebnick, Staten Is NY)

"WFAT" bustees making lots of news in NY, appearing on WEVD-FM for 5 hours, etc. Best bet if you want to contact WFAT is to call (212) 283-9979 11pm-12mid on Friday (S.D. Ehrbar, IRCA)

R. Galaxie, 6940 kHz, 250 watts, Reynosa, Mexico, sked every Saturday 0500-0545. This memo is to inform you and your loyal SW club members that a new SW stn is 'on the air'. This station is in Mexico. Permission has been granted to XEJRM, R. Galaxie, by the Mexican govt to xmit on the SW fq of 6940 kHz. We have recently concluded several test xmsns and are ready to begin regular broadcasts to North America. We sincerely (sic) hope your listeners (sic) will tune in. We have used your bulletin as a forwarding address. If this arrangement proves inadequate please inform us of such. Thank you. Sincerely, (George Beck, Technical Advisor, 12/7) Baloney that it's authorized. Postmark was Shreveport LA. I checked both GMT Sat 21/7 and Sun 22/7 at 0500 and couldn't hear a trace. Please do NOT give NASWA's address for correspondence. If you need a forwarder, the Free Radio Campaign (see previous LNs) offers this service (gh) Hrd on 6939.2 11/7 0224-0303*, announcer J.B. Boss. Long touristy talk on Mexico, mentioned DX club bulletins and claimed to be reading from them; mentioned R. Liberation. Said to send reports to NASWA's Box 13 address. Claimed that 'we try to stay away from politics'. 0302-0303 sounded like Belize off the air tape in EG and SP. Tnx to Paul Jordan in Houston who tipped me on this (David Walcutt, Houston TX)

"KDHF", 6420, noted 0545 with continuous mx, always atop some wireless stn, 12/5, 13/5, 14/5 with definite ID as KDHF, SIO 434. Also 0500 "Good evening Arizona, and thanks for your request". They usually 0610* and are on eves from 10 pm to 2 am (PDT) but not any definite days (Marjorie Oakley, June SPEEDXGRAM) Also KVHF 0745-0806 mostly pop mx, "join us Sunday, same time", "This is KVHF, six-dot-four-two-o, on your radio, now leaving the air" which it did at 0806 (Jack Lattemann, WA, June SPEEDXGRAM) We shouldn't forget that as an illegal station they can use whatever call they please; say KVHF one time and KDHF another (gh)

"KYKW" (You-Know-Who), pirate hrd 3 or 4 times in past month on 1040 kHz, always between 12 and 1 am PLT (Herb Childs, Berkeley CA, IRCA DX Monitor 16/6)

PROGRAM NEWS CANADA As of 23/7 the CBC Northern Service dropped "As It Happens" in order to include more native-language programming (Ian McFarland) A lamentable trend for us southerners, but at least this is still available via RCL. Here is the observed sked of "As It Happens Summer Theatre" oldtime radio shows at 2230+ on 15325 and 2330+ on 9755 and 5960: Mon, "Box 13" starring Alan Ladd (nothing to do with NASWA!); Tue, "X Mimus One"; Wed, "Hancock's Half Hour" from BBC; Thu, "Screen Director's Playhouse" movies adapted for radio; Fri, "Casey, Crime Photographer". Contrary to the current NS sked, Sun 0408-0500 is "Best of Radio Noon", and Mon 0230-0300 is still repeat of Fri 0004 pgm, lately "The People's Choice". I also checked for "Tony's General Store" Sat 21/7 2005, and instead there was something in French (gh)

DOMINICAN REPUBLIC Since 25/6 RTVD ES has had 2 x 30min nx at 2330 and 0100 instead of 3 x 15 min at 2300, 0000, 0100 (BBC MS 5/7)

UKOGBANI Some BBC Aug features: "Right Hand Woman" Sats 0430, Mons 0815 2315, Weds 1115. "On Their Majesties' Most Secret Service" Sats 1130, Tues 2030, Weds 0230. "The Art of the

Whodunnit? Sats 0815 1315, Suns 2015, Mons 0315. Promenade Concerts are at 1830, live, on these August dates: 9, 10, 11, 14, 16, 18, 22, 23, 27, 31. "The World of Daphne du Maurier" Tues 1715 2330, Weds 1215 (gh, from London Calling)

VENEZUELA R. Juventud 4900 is probably the best stn on SW for good progressive mx, and their late night "Blues y Jazz" pgm is a standout. Announced as only on local Wed & Thu at 0300 & 0400 (GMT Thu & Fri) but also hrd other days. Much of the mx featured on the pgm simply does not make it to the air on most US domestic stns--Muddy Waters, John Coltrane, Howlin' Wolf, Jeff Beck, and so on--and the quality of the signal being quite good even on portables makes it a good alternative to local US stns for those who prefer good progressive mx (Pitt McNeil)

DX PROGRAMS (Note: Some of these items update info in the exhaustive DX program schedule in the July REVIEW OF INTERNATIONAL BROADCASTING)

AUSTRALIA "Club Forum" is also carried on ABC domestic SW from Lyndhurst 6150 11880 GMT Fris 2200. We still hope to get DXers Calling returned as a separate pgm to R. Australia (ADNX)

CANADA A reminder that all NASWA members and FRENDX readers who have 'hot' newsworthy DX info are urged to send it right in so it can be aired as soon as possible on my RCI DX Digest reports, GMT Mons at 0020, 0120, 0320; as well as Suns 1810, 1920, and Weds 2150. The deadline for possible airing the following weekend is Fri 1400 GMT. If necessary to meet it, you may call me (prepaid please) weekdays at WUOT (615) 974-5375; or at home between 1200 and 0330 GMT, (615) 522-4497. Thanks for your participation, helping to make this the most timely DX program on the air (gh)

DOMINICAN REPUBLIC New ATVD chief says the stn's DX pgm has been cancelled. There had been no listener response to it (Jörgen Mangerich, W. Germany, SCDX 10/7) Oh, come on! It never had a chance and as far as I know never went on the air at all (gh) **HUNGARY GERMANY WEST LN-16**

PHILIPPINES R. Veritas fq changes affecting the DX pgm: 1300-1330 on 15215 ex-15220; 0030-0100 on 15280 15320 17790, ex 15275 15135 17710. (Victor Goonetilleke, Sri Lanka, ADXN July)

POLAND R. Sofia says Warsaw has DX pgms on 2nd and 4th Suns at 0630, 1200, 1600, 1830, 2230 (Rusty Serenberg, St. Petersburg Beach FL 33706, 3/7) These are Eu svc times; confirm? (gh)

SOUTH AFRICA The Monday repeat of R. RSA DX Corner, noted at a different time, 1350-1358 (Joe Tangredi, NV, 16/7)

U S A I have received about 15 favorable responses to the inquiry in April FRENDX about an SWBC DX ham net, so I will give it a try, starting Sun 19/8 at 1600 GMT on about 21365 kHz in the 15m band, and weekly thereafter. Depending on the air response we will continue this sked or modify it accordingly (Alan Mayer, Park Forest IL, WD9IRV) Of course, we all may listen in and benefit from the tips discussed on SSB (gh) Andy, W1WNH(?) gives DX news at 0130-0300 on 14280 (SFR DX 16/7) **USSR** No RM DX Sat 1130 & 1830 as in RIB sked (gh)

PROPAGATION EXPERIMENT! SWLs have an opportunity to aid in observing radio propagation effects thru an ionospheric hole created by the launch of an Atlas-Centaur rocket from Kennedy Space Flight Center in mid Sept, expected to form a large area depleted of electrons. Since the launch will be at night the sun's ionizing effect will be absent, thus allowing an event of several hours. Specific effects of such large disruptions in the F-region are unknown, and since this may be the last giant rocket to be launched in many years, observations from SWLs will be of great value.

Detailed ionospheric observations from various listening sites are desperately needed. The paths from Caribbean relay sites to the New England area will be affected most, tho many other paths may be interrupted and thus have significance. As of 20/7 two special skeds had been arranged and there may be more. The launch is expected 14/9 at 0530 GMT, but it is possible that it could be postponed a day or two; if longer, it would be a month or more. WIAW may carry announcements on the project; also see September QST.

DW Antigua will be on 15185 at 0500-0600, and WYFR at 0500-0600 on 15215; possibly RCI and RN-Bonaire as well; it is hoped to have some 11 and 17 MHz operations for MUF comparisons. Effects may last 2-3 hours, or until sunrise. One-hop paths only are of interest, since further hops would introduce too many variables. The size of the hole is a matter of conjecture --I would guess 200km. Observations from as far west as Chicago may be useful. Preferably tape recordings of the signals the day before, day of, and day after the test should be sent in. Arrangements will be made thru the USAF Geophysics Laboratory to issue a special certificate to anyone supplying quantitative observations of the event. Any listener desiring to participate should write now for further information to:

David Sarrazin, US Dept. of Commerce, Nat'l Telecomm. & Info. Adm., Institute for Telecommunications Sciences, Boulder, CO 80303.

Here are the predicted coordinates: 209km high (start of burn) 28.74 N/76.80 W. 346 km high: 28.56 N/71.82 W. 444 km high: 26.54 N/64.22 W. 466 km high (end of burn) 23.21 N/58.75 W.

There may also be effects on the mediumwave band, but not on the tropical bands (Sarrazin) Dave is a DXer himself; I hope a great many NASWAns in the east part of USA participate (gh)

UNIDENTIFIED 2370 17/7 at 0050, EG pop mx, but soon gone, s/off, or fade? Have been sitting on fq for 3 weeks (James Mulvey, Seaford NY) Also reported from Philadelphians to 0125*. FIBS? Pirate? What I hrd was local WJBE-1430 mix (gh)

LAST-MINUTE ITEMS

CHINA (Cf July LN-10) Reports via Peking of regional service fqs are now being QSLed. These have been received by European DXers: Gansu PBS, Lanzhou 4865; Guangxi Zhuang 4915; Heilongjiang 4840; Hubei, Wuhan 3940; Jilin, Changchun 2960; Xinjiang Uygar 4500; Xizang, Lhasa 4035 9655; Yunnan, Kunming 6937 (Gordon Darling, UK, International Broadcasting Journal, 7/79) Powers listed for R. Peking xmttr sites in IFRB Weekly Circular #1364 are: Beijing 100/120/240; Kunming 50/120/240, the same for Xian & Urumqi. Beijing 11945 was 500 kW M79 but not used now. None of the listed Shanghai fqs--9575, 9530, 15410--have been observed in operation. A number of the listed sites are in operation: 17705 Beijing 120 1030-1130 Cambodian. 17735 Xian 120 kW 0830-0930 Indo. 17745 Xian 120 0100-0500 Chinese to Ams (sounds more like 500 kW), 0900-1300 Ch to SEAs. 17795 Xian 120 0830-0930 Indonesian. 17810 Kunming 50 0930-1000 Tagalog, 1200-1400 EG to SEAs. 17855 Xian 120 0100-0300 EG to ENAM; Kunming 50 1030-1130 Cambodian. A listing of 17710 Kunming to ANZ corresponds with current OOB 17635 0830-1030. 15115 Kunming 50 1100-1200 Lao/Burmese. 15165 Xian 240 1100-1200 & 1230-1300 SP to LAm (M79, not J79); 15250 Xian 120 1200-1230 Tagalog. 15270 Kunming 50 1200-1400 EG to SEAs (reception indicates 240 kW). 15305 Xian 120 1400-1500 Tamil. 15430 Xian 120 1200-1400 Ch to SEAs (listed M79). 11725 Beijing 120 1130-1430 & 1500-1600 Viet. An 11820 Beijing 120 listing of 1100-1200 to LAm and 1200-1300 NAM fits with current OOB 11685 operation. 9 & 7 MHz bands--no current ES in-band op exc. Russian. 5975 Beijing 120 1100-1500 Korean (Int'l Broadcasting Journal 7/79) R. Peking EG to ANZ, fair to strong on 28380, 3 x 9460, 0830 (Nicholas Lock, Qsld., UADX)

FRANCE France Inter again has a summer newscast in EG for tourists at 0700 & 1400 on 164 kHz (missed reporter, SCDX 24/7) In past also on many SW freqs relaying Inter (gh) **ECUADOR** below

GERMANY DW's EG to As 0930-1030 currently well heard in ENAm on 17780, 24/7 (gh) DW has sked a pgm in GM 13/8 at 10-25 mins after 2nd hour (e.g. 2310, 0310 14/8) "German External Broadcasting in the Weimar Republic" (gh)

HUNGARY Topics for "DXers Weekend" 2115 GMT Sats in Aug + following GMT Suns 0215, 0315: 11th: club membership, CB, xmttr power. 18th: SWLs in Hungary; counsel on finding other lang BCs. 25th: Air-bands, marine bands and coupling selectivity. Sept 1st: Prospective plans at R. Budapest; Hungarian radio setup (Budapest International)

ECUADOR Summary of many HCJB mid-season changes: As of 3/7, Eu 0130-0500 11755 ex-11835. 3/7, 0500-0900 11825 ex-11835. 10/7, 1900-2030 15420 ex-15295 & 2030-2200 15180 ex-15295. 12/7, 1600-1800 17825 ex-17765, and 1800-2200 17765 thruout. 18/7 Eu 2230-2400 15205 ex-15400; 0000-0030 15270 ex-15360 (DX Party Line 24/7)

INDONESIA RRI Menado 5987 is now off the air, hrd on 3215 only (Ishida & Wakisaka, IDXR) RPKD (sic) Tkt II Ciamis, 4055, 250 W sked 2255-0300, 0555-1030, 1155-1600 (Takehara, IDXR) RRI Ujung Pandang hrd almost daily around 1200 on 19012, 4 x 4753 (S. Wakisaka, Japan, IDXR)

PAKISTAN R. Pakistan, nx in EG at 1645 on new 15515 (a USSR DXer in SCDX 24/7)

PHILIPPINES (Cf LN-15) RVA revised sked for EG as of 1/7: 1300-1330 India & SL 15215 11955 9590. 0300-0330 India & SL 15280 17790 15320. 1130-1200 SEAs 15215 11805 9590. 0030-0100 Burma 17790 15280 15135 (Frank F. Orcutt, Alameda CA)

UKOGBANI BBC WS coming in fine on unsked 17695 at 1015 24/7, nicely filling gap before *1100 of freqs intended for Nam (gh)

U S A VOA EG to Af, 0600-0730, 3 x 9530, poor, much QRM on 28590 (Nicholas Lock, Qsld, UADX) Quite a catch thru the nite, as this site is listed Greenville (gh)

PUBLICATIONS

NASWA SHORTWAVE DX GUIDE Part 1, 2.0-4.7 MHz, is a 12-page xerox comprehensive compilation of Nam loggings in FRENDX, 4/76 thru 6/79. Unlike the European-reception oriented DSWCI Tropical Band Survey, this does not discriminate against harmonics. By freq with stn, country, times, langs, and more. \$2 ppd in US funds in Nam, from George B. Sherman, Box 2284, Minneapolis MN 55402 (gh)

ADXC Club DX Argentino Internacional, which published a fine Boletín DX, is going out of business after the Mar-May 79 issue, due to lack of time of the backers to continue it (gh)

GO-DX is the publication of the new Middle Tennessee DX Association, general coverage including SWBC, ute, ham, TV, a small pond in which every new member can be a big fish. 24-p mimeo May bulletin had printing problems and widely divergent editorial styles, but presumably will improve. Samples 50c coin; \$4.50 per year from MTDXA, Box 213, Alexandria TN 37012 (gh)

List of Time-Signal Stations, 8th ed., by Gerd Klawitter, fine 40-p offset booklet duplicating some WRTVH info but upper-to-date and illustrated with 'time wheels' showing various stations' formats. By country; also cross reference by freq. 5 IRCs (possibly more for airmail?) to Gerd Klawitter, D-4430 Steinfurt, Ochtrup Str. 138, Fed. Rep. of Germany (gh)

Marine-Band Activity--a complete guide. Extensive 7-p article in July 79 73=magazine by WA2-KBZ, Karl Schulte. 11 tables of stn/fq info, the most depth I have ever seen in maritime fqs. Try your library because it's \$2.50 at the newstand (Tom Blossom, WB8TEM, Austinburg OH)

Free Radio Focus NO. 20 available in mid-July for 3 IRCs outside UK. (Michael Burden, 13 the Chase, Crawley, West Sussex, RH10 6HW, England (Burden, Radio Viking DX World)

Radio Viking DX World will be discontinued from 5/8 along with R. Viking itself (RVDXW)

DO NOT SEND U.S. Stamps as r.p. to Canada, as they are not valid here! (Osterman) Of course.

QSL COLUMN

You'all come now!

CQ CQ CQ Calling all DXers to the Fourth Annual New England Area DXers Outing to be held at Black Rock State Park in Watertown Conn Sept. 9th. I hope to see you there.

Sam Barto, QSL Editor
245 Cherry Ave. J-11
Watertown, Conn.
USA 06795
(203-274-1142)



- ADMIRALTY ISLANDS:** R. Manus 3905 f/d "NBC Map" cd. in 6 wks. for ms. (Pitts-ANDORRA: R. Skandinavia 6215 f/d cd. in 3 wks. for 3 IRCs (Muick-PA). OR).
ANGOLA: R. Nacional 4820 f/d ltr. in 11 mo. v/s Jose Alves Saraira, Director * Tecnico. (Muick-PA). Looking forward to meeting you on the 9th Al...Sam.
ARGENTINA: RAE 9690 f/d blue & white cd. in 56 ds. for an EG rpt. and 1 IRC. v/s Carlos A. Alais Rumbado, Director. (Newhall-CT). R. Rivadavia 5880 f/d "Owls" cd. in 11 mo. for a SP rpt. and ms. v/s Jorge Falcone, Gerente Tecnico. Took 3 follow-ups. (Lazarus-LA).
ASCENSION ISLAND: VOA 17830 f/d cd. in 9 ds. v/s Wayne Greene. (Leithner-TN).
AUSTRALIA: VNG 12000 folder cd. in 39 ds. (Sedgeley-CO). in 37 ds. (Meyer-Peru VLR6 6150 via Lyndhurst f/d "Map" cd. in 30 ds. (Clark-AZ). in 27 ds. for 1 IRC. (Klein-FL). VLI6 6090 via Sydney w/ f/d old style "Map" cd. in 15 ds. for 1 IRC. (Klein-FL). VLM4 4920 via Brisbane w/ f/d cd. in 16 ds. (Klein-FL). VLP9 9660 via Brisbane in 16 ds. (Klein-FL). R. Australia on 15260 via Shepparton w/ "Ringtail Possum" cd. in 16 ds. (Clark-AZ). same in 15 ds. (Dieckmann-MO). in 2 mo. w/ "Melbourne" cd. (O'Riordan-ID). same cd. for 9580 in 18 ds. (Black-NY). in 8 wks. (Plotnick-CT). 21740 in 15 wk w/ "Surfers" cd. (Wendt-OR). same cd. for 9670 in 18 ds. for 2 IRCs. (Semsky-IN). 17795 in 30 ds. for 1 IRC. (Minor-AZ). 9580 and 9670 in 24 ds. (Koskovich-CT). 17870 via Carnarvon and 5995 via Lyndhurst in 80 ds. for 1 IRC. This is a new style card. (Klein-FL).
AUSTRIA: ORF 9770 "Art" cd. in 24 ds. for 1 IRC. (Minor-AZ). "Glass Towers" cd. in 20 ds. (Koskovich-CT). 5945 w/ f/d "Adam" cd. in 3 mo. (Sedgeley
BALI: RRI Denpasar 3945 prepared -CO) cd. in 3 wks. for an IN rpt. and ms v/s Drs. Djemi Subagyo. (Pitts-OR).
BANGLADESH: R. Bangladesh 11765 f/d ltr in 7 wks. for 3 IRCs. v/s Md. Khali-lur Rahman. (Pitts-OR). 11925 in 4 1/2 mo. for 3 IRCs. (Matthews-OH).
BELGIUM: BRT 11715 f/d "Logo" cd. in 45 ds. for 1 IRC. (Fraser-MA). same in 34 ds. (Davenport-TN).
BENIN: ORTB 4870 f/d colorful cd. in 33 ds. for a FR rpt. and 2 IRCs. (Byron-NY). same in 47 ds. (Fisher-MA).
BOLIVIA: R. Fides 4845 "La Paz" post cd. * in 21 ds. for a SP rpt. and photo of myself. (Valco-PA). in 14 ds. for a SP rpt. (Meyer-PERU). Radioemisora * Bolivia 4755 ltr. & a blue pennant in 10 wks. for a SP rpt. and ms. v/s Oscar Elias Siles, Director. (Lobdell-MA). in 5 wks. for ms. (Lazarus-LA). in 1 mo. (Twiggs-CT). Le * Cruz del Sur 4875 cd. and ltr. in 1 mo. for a SP rpt. v/s Enrique Saravia Humerez, Producer. I sent UOF decals. They work well! My first Bolivian! (Klein-FL)...UOF University of Florida...Sam.

Q S L
4850 KHZ
1450 KHZ

via Chris Lobdell



NEADKO UPDATE: Sunday Sept. 9th

Considering the current gas situation, it may be to your advantage to set up relay rides, most likely on the 8th, with other individuals who are coming to the Outing. People from NJ or PA could connect w/ DXers from the NYC area, up-state NY could connect w/ the Albany/Western MA area, Northern New England should be able to get rides from those in the Boston area while DXers from Central MA. and most of RI should be able to make the round trip easily...Where theres a will theres a way!...Sam...Be here on the 9th!!! As of July 20th, the gas lines here in Conn. have 99% disappeared. Gas seems to be a concern not a problem. Like other states we are in an odd-even rationing situation.



Whats samatta? Too much gas. Why don't you share some and come to the NEADKO in Sept? Why not set up relay rides with others along your route who are coming?

BONAIRE: TWR 11925 f/d cd. in 16 ds. for 2 IRCs.

v/s J.F. Shipper. (Semesky-IN). same in 16 ds. for 1 IRC. (Dishman-ME). 11710 in 3 wks. (Barto-CT). 15440 in 17 ds. (Meyer-PERU).

BORNEO (Kalimantan): RRI Palangkaraya 3325 prepared cd. in 2 wks. for an IN rpt. and ms. v/s Sallomo Hamid. (Pitts-OR)...Very nice QSL!

BOUGANVILLE: R. North Solomons 3322.5 f/d ltr. in 3 mo. for ms. v/s Aloysius Sahoto. (Pitts-OR).

BRASIL: RadioBras 15290 ltr. in 32 ds. for an EG rpt. and 1 IRC. v/s Reginaldo Azevedo. (George-TX). in 38 ds. (Davenport-TN). 15280 in 1 mo. for 2 IRCs. (O'Riordan-ID). in 3 wks. (Barto-CT). in 37 ds. for 1 IRC. (Newhall-CT). in 36 ds. for 2 IRCs. (Cucura-PA). in 36 ds. (Minor-AZ). in 33 ds. (Sedgeley-CO). in 40 ds. for 1 IRC. (Ewenstein-NY). R. Ribeirao Preto 3205 cd. in 3 wks. for a PT rpt. (Barto-CT). R. Educadora de Braganca 4825 n/d ltr. in 2 mo. for a PT rpt. and ms(not used) v/s Irma Maria Jose de Sousa (Lobdell-MA). same in 1 mo. for a PT rpt. (Barto-CT). R. Brasil Central 4985 f/d EG/PT ltr. in 18 ds. for a PT rpt. and ms. (Moore-PA). R. Dragao do Mar 4925 EG ltr. in 3 wks. for a PT rpt. v/s Luiz Sergio G. Vieira.

Luiz once lived in New Haven, CT. Sticker rcvd. (Barto-CT). R. Nacional de Boa Vista 4835 f/d ltr. in 10 wks. v/s Carlos Alberto A. de Souza. QSL was obtained via an EG speaking friend of Carlos. (Howard-CA). R. Guaiba 5965 green and white cd. in 18 ds. w/ sticker for a PT rpt. and ms. v/s Paulo Deniz. (Hoffman-PA). R. Educacao Rural de Coari 2490 ltr. w/ blue & white pennant in 6 wks. for a PT rpt. v/s Maria de Lourdes das Neves, Secretaria. Addr: Pc. Sao Sebastiao 137, 69460 Coari-AM. (Barto-CT).

BRUNEI: R. Brunei 7215 f/d green and white "Map" cd. in 50 ds. v/s S.K. Chong (Valko-PA)...Hope you can make it on the 9th Dave...Sam.

BULGARIA: R. Sofia 11860 cd. and ltr. in 28 ds. (Witte-CA). 15320 w/ "Sidewalk Cafe" cd. in 35 ds. (Dieckmann-MO).

CAMEROON: R. Cameroon 15215 via Yaounde cd. in 37 ds. (Witte-CA).

CANADA: CHU 7335 "Fleming" cd. in 14 ds. (Witte-CA). CBC-NS 9625 "Horizon" cd w/ pennant in 41 ds. (Munster-GA). CPRX 6070 Toronto f/d "Boat" cd. in 29 ds. v/s Clive Eastwood. (Roraback-NY). in 11 ds. w/ stickers. (Klein-FL).

* CKFX 6080 Vancouver 10 watts! "Super-Country" cd. in 2 wks. for 1 IRC. (Saylor-PA).

in 14 ds. (Barto-CT). in 24 ds. w/ ms. (Hoffman-PA). in 13 ds. (Valko-PA) in 2 wks. (Moore-PA).

HELP!!! Mike Lev of 4 Iron Latch Court, Upper Saddle River, NJ needs a ride to NEADKO. Can you assist him? Call 201-327-7644. Thank you...Sam.



HCJB Seaside QSL submitted by Don Minor.

NEADKO
Sept. 9, 1979

NEADKO Attendees: The following individuals and their families have expressed a desire to attend the annual outing: Gregg Peters, Joe DiLeo, Bob Wirrell Bill Oliver, Steve Leite, John Kapinos, John Herkimer, and Leslie Byron. Also attending will be: Gregg Bares, Nick Pappas, Charlie Hoffman, Dave Twiggs, Steve Porter, Bill Campbell, Dick Utter, Ken Villone, Dan Jakubowski, Dick Downey, Jim Douglass, Dan Prisco, Al Sizer, Al Muick, Dave Koskovich, Mike Agner, Vlad Cucura, Al Plotnick, Bob Butterfield, Charles Schanzer and Gerry Bishop. Add Mike Lev to the list.

Fourteen of the above have not been to this outing before. Are they in for a surprise! Also, I have yet to hear from over 30 additional people who came to last years outing. I usually get most of my attendees during Aug. So far we have @ 45 people coming to the outing. I expect that figure to be at least doubled by Sept. 9th. Remember, every item that I have been selling in this column for HAP will also be available at the outing.

For further information about the outing, please send me a SASE...Sam.
CANADA: CKZU 6160 Vancouver "CBC" cd. in 23 ds. v/s Frances H. Bucher. (Mikell-IL). in 3 wks. (Klein-FL). in 19 ds. (Sedgeley-CO). CHNX 6130 via Halifax cd. in 67 ds. for 1 IRC. v/s Judy Carruthers. (George-TX). in 91 ds. for 1 IRC. (Newhall-CT). RCI 11845 w/ "WARC" cd. in 16 ds. (Mikell-IL). same for 5960 in 10 ds. (Fraser-MA). 15325 w/ "World Time Zone" cd. in 14 ds. (Cucura-PA). 5960 w/ same cd. in 14 ds. (Eastman-TX).

CHILE: R. Universidad de Concepcion 6135 cd. in 5 mo. for a SP rpt. and ms. v/s Carlos Godoy Rocca, Director. Gold pennant rcvd. (Lazarus-LA).

CHINA: R. Peking 9780 cd. in 17 ds. w/ pennants. (Plotnick-CT). 17680 "Shen Wu Men Gate" cd. in 16 ds. (Dieckmann-MO). Yunan Peoples Broadcasting

* Station (PBS) 2460 via Kunming, Hubei PBS 3940 via Wuhan, Guizhou PBS 3260 via Kweichow, Xinjiang PBS 4500 via Urumqi and the Fujian PBS 2340 via Fuzhou. Five separate cds. in 1 envelope all for different regionals. China is verifying their regionals. More of you should be reporting these stations...Sam.

COLOMBIA: Emisora Meridiano 70 4925 long personal ltr. and a pennant in 3 wks v/s Manuel Humberto Lopez Sanchez. (Bloch-MD). in 33 ds. (Meyer-PERU).

R. Mira 6015 cd. in 81 ds. for a SP rpt. and ms. v/s Felix Escota E. Also rcvd. a 4x7" station sticker. (Howard-CA).

COSTA RICA: TIPC 5055 f/d "Microphone" cd. in 89 ds. for 1 IRC. (Cucura-PA). in 110 ds. for an EG rpt. and 1 IRC. (Newhall-CT). R. Reloj 4832 and 6006

* f/d cd. in 2 mo. for an EG rpt. and 1 IRC. (Wendt-OR). R. Noticias del Continente 9615 cd. in 28 ds. for 1 IRC. (Eastman-TX). same in 39 ds. for a SP rpt. and enclosures. (Klein-FL)...Very good fellas!

CUBA: RHC 11930 cd. in 7 mo. (Sedgeley-CO). 17750 f/d checked cd. in 126 ds. (Meyer-PERU). in 98 ds. (Eastman-TX). 17705 cd. in 6 wks. (Barto-CT). 11760 f/d cd. in 3 mo. w/ station pennant. (Wendt-OR).

CZECHOSLOVAKIA: R. Prague 7345 f/d "Castle" cd. in 12 ds. (Roraback-NY). same in 50 ds. (Plotnick-CT). 11990 cd. in 51 ds. (Koskovich-CT). in 96 ds. (Dieckmann-MO). 7345 cd., pennant and record in 252 ds. (Byron-NY).

DENMARK: R. Denmark 15165 f/d cd. in 17 ds. (Eastman-TX).

DOMINICAN REP: RTVD 9505 new International Service cd. in 1 mo. (Lobdell-MA). in 17 ds. for a SP rpt. and 1 IRC. (Clark-AZ). 5970 in 2 mo. (Muick-PA).

* in 270 ds. for a SP rpt. and ms. (Hoffman-PA). La Voz de la Libertad 6218 cd. w/ 2 pennants in 24 ds. for a SP rpt. v/s Salvador Castillo Reyes, Director. (Moore-PA)...Nice!

ECUADOR: HCJB 9745 cd. in 32 ds. (Dieckmann-MO). 17790 f/d "Statue" cd. in 31 ds. (Meyer-PERU). 9745 and 11915 f/d "Valdivia" & "Jama Coaque" cd in 18 ds. (Koskovich-CT). Radio Quito 4920 cd. in 30 ds. for a SP rpt. (Meyer-PERU). R. Zaracay 3390 f/d ltr in 30 ds. for a SP rpt. (Meyer-PERU).

SEE YOU IN SEPT!!!

[RC]

RECIEB
5 I 79
PE

BRASIL
Es 900=
P.B.-M. 5957

To Mr. Hoffman: With this letter we verify that the station you heard on 4915Khz, at 09,00 GMT, was RADIO DIFUSORA de MACAPA, broadcasting in portuguese, from Macapa, BRASIL, date of reception was 16/10/1978. With best regards, I am,

Amir Nogueira de Souza
a) Amir Nogueira de Souza
Sender: Av. Candido Mendes
Cep: 68.950
MACAPA - Terr. Fed. do AMAPA
BRASIL.

To Mr. Charley Hoffman
P. O. BOX, 321
MANHEIM
PENNSYLVANIA -17545

impresso de Brasil - 28 linhas numeradas - c.p. 2102

ECUADOR: CRE 4765 personal ltr. in 1 mo. for a SP rpt. and ms. v/s Leonor Pesantes Alava, Secretaria. (Lazarus-LA). in 2 wks. for a SP rpt. and ms. (not used) (Lobdell-MA). 4767 in 2 wks. (Bloch-MD).

ENGLAND: RCI via Daventry on 5965 f/d cd. in 16 ds. (Klein-FL) 7260 in 10 ds. (Rankin-KS). BBC 9510 "WRC Map" cd. in 81 ds. (Minor-AZ). VOA Woofferton 9760 cd. in 11 ds. (Valko-PA). 11960 w/ blue and white "Logo" cd. in 92 ds. for the U.N. relay (Munster-GA).

FED. REP. of GERMANY: Sudddeutscher Rundfunk 6030 f/d cd. in 14 wks. for 1 IRC. (Moore-PA). DW 17780 cd. and sticker in 57 ds. w/ pennant. (Klein-FL). 6075 cd. and sticker in 54 ds. (Black-NY).

FINLAND: FIR 21470 cd. in 22 ds. (Plotnick-CT). 15400 in 33 ds. (Koskovich-CT)

FRANCE: RPI 21580 "Princes" cd. in 25 ds. w/ pennant. (Dieckmann-MO). 17720 "Art" cd. in 33 ds. w/ pennant. (Dieckmann-MO). blue and white felt pennant in 1 wk. (Saylor). same in 1 mo. for a FR rpt. (Klein-FL)... Seems a lot of stations recently are sending out pennants in lieu of QSLs... Sam.

GABON: La Voix de la Renovation 4777 via Libreville f/d cd. in 2 mo. for a FR rpt. and ms. (not used). (Prisco-PA).

GALAPAGOS: La Voz de Galapagos 4810 p/d cd. in 1 mo. for 1 IRC. v/s Padre Raul Pinto. (Pappas-PA). in 1 mo. for a SP rpt. alas only a pennant was rcvd. (Klein-FL)... You're hitting the pennant jackpot Stu! only a pennant in 1 1/2 mo. (Bloch-MD)... Join Stu. cd. in 39 ds. for a SP rpt. and ms. (Hoffman-PA)... I guess you and Nick were the lucky ones!... Sam.

GERMAN DEM. REP: RBI 11890 "Decibel Chart" cd. w/ pictures and a sticker in 45 ds. v/s Rudi Freidel. (Dieckmann-MO). 11805 f/d "Clock Tower" cd. in 2 mo. (Sedgely-CO). 9730 "Leipzig" cd. in 60 ds. (Black-NY).

GREECE: YOA Kavala 6873 (feeder) f/d cd. in 2 wks. (Saylor). Voice of Greece 11730 "ERT" cd. in 62 ds. for 1 IRC. (Minor-AZ). 15160 in 38 ds. (Klein-FL)

GUAM: KTRW 11840 f/d "Map" cd. in 43 ds. (Meyer-PERU). in 21 ds. (Klein-FL).

GUATEMALA: R. Cultural 3300 "Quetzal" cd. in 3 mo. for 1 IRC. v/s Wayne Berger, Chief Engineer. (Pappas-PA). in 15 ds. for 2 IRCs. (Newhall-CT). in

214 ds. for 1 IRC. (Clifford-WA). in 5 mo. for an EG rpt. (Sedgely-CO). in 18 ds. (Meyer-PERU).

La Voz de Nahuala 3360 cd. and ltr. w/ pennant in 3 mo. for a SP rpt. and ms. v/s Juan Fidel Leppe Juarez. (Moore-PA). R. Chortis 3380 ltr. in 21 ds. for a SP rpt. and ms. v/s Juan Maria Xhrouet, Director. (Hoffman-PA)

HAWAII: WWVH 15000 f/d (PA) "Aloha" cd. in 18 ds. (Ewenstein-NY). in 10 ds. (Newhall-CT).

HOLLAND: R. Nederland 21640 cd. in 15 ds. (Dieckmann-MO). 15220 f/d "Deklok Barrel Organ" cd. in 38 ds. (Koskovich-CT). 15235 w/ f/d cd. in 15 ds. w/ pennant and stickers. (Cucura-PA).

HONG KONG: H.K. Radio 8903 time signal QSL in 35 ds for 1 IRC. (Clifford-WA).

HUNGARY: R. Budapest 17710 f/d cd. in 25 ds. (Rorbuck-NY).

NEAD XO: I have noticed that we have many new DXers from CT, RI and MA in the NASWA ranks. You owe it to yourself to attend the NEAD XO on Sept. 9th. Contact me for further information!



QSL

To: S. David Klein
1925 SW. 12th Ave.
401, Gainesville, FL 32601

Dear Listener,

RADIO LIBERATION (LIBERACION LA VOZ DEL GUAM)

This letter is to confirm your report of our Radio Liberation program of Frequency 15.117 at 0700-0930 hours GMT on a frequency of 7260 MHz, 11960 meters.

Thank you very much for your interest in our programming. The staff of Radio Liberation wishes you further good listening.

Comments (if any): Our offices, located at the farced mouth of the now overflowing Mississippi River in its occupied colony of Louisiana, were destroyed April 30. The staff of RL is now living in exile, feasting on loaves, bread and rice in the Southern Highlands.

AT RADIO LIBERATION, WE STAY ON THE FACTS; OUR REPUTATION DEPENDS ON IT.

I still don't know what it stands for?

Steve (Lester) - w/ Vir (manager)
Alex - Prop
Martin (one of the operators)
Dan (with 15000 Hz. production)
General Alberto (Commander, Amplitude Modulation Liberation Army)

CPA
Far East Post
Monsieur

LA VOZ DEL GUAM SECRETARY

NEADXO UPDATE: As **DOOR PRIZES** we have free subscriptions to DX bulletins, tapes, records, publications and much more. We also have hundreds of free items, boxes and boxes of pennants, stickers, decals, tapes and records, pins, stamps, badges, over a dozen T-shirts and hundreds of other items for the HAP Auction...So far we have raised over \$1,000.00 for HAP. We still have 2 months of BID ITEMS for NASWA along w/ the assorted small items, a mini-HAP auction in MA. on July 22nd and the main HAP Auction on Sept. 9th. I anticipate the final figure to be around \$1500.00 or more for the HAP people...Sam.



- INDIA:** AIR 11620 f/d cd. in 19 wks. (Moore-PA). "Snake Boat" cd. in 133 ds. for 2 IRCs. (Cucura-PA). f/d "Flora" cd. in 112 ds. for 1 IRC. (Ewenstein-NY). "Kathakali Dancers" cd. in 116 ds. (Johnson-WA). same for 11810 in 4 mo. (OBRIordan-stein-NY). "Unknown Soldier Memorial" cd. in 66 ds. (Dieckmann-MO).
- IRAQ:** R. Baghdad 9745 f/d "Ahrar Bridge" cd. in 68 ds. for 1 IRC. (Ewenstein-NY). "Unknown Soldier Memorial" cd. in 66 ds. (Dieckmann-MO).
- ISRAEL:** IBA 9815 f/d "Folk Dancing" cd. in 47 ds. (Black-NY). 17685 in 55 ds. (Meyer-PERU). 11655 in 68 ds. (Byron-NY). 9435 in 78 ds. (Blankenship-WV). 11655 w/ "Tribes" cd. in 59 ds. for 1 IRC. (Kremer-DL).
- ITALY:** RAI 9575 f/d "Venere Dormiente" cd. in 4 mo. (Sedgeley-CO).
- JAPAN:** JJJ 15000 "Traditional Garb" cd. in 152 ds. (Valko-PA). in 5 mo. for a taped rpt. (Berg-MA). in 5 mo. (Mikell-IL). PEN 6155 cd. in 1 mo. (Orcutt-CA). 15310 "Hakata Dolls" cd. in 30 ds. (name). R. Japan 17755 in 21 ds. (Munster-GA). in 6 wks. for 1 IRC. (Orcutt-CA). 15195 in 126 ds. (Meyer-PERU)
- JAVA:** RKPT II Jember 3800 f/d cd. w/ ltr. in 2 mo. for 2 IRCs. v/s Dra. Endang Soetliwi, Station Head. Embassy helped on this one! (Godfrey-CO).
- KOREA, PEOPLES DEM. REP:** R. Pyongyang 9430 f/d "Painting" cd. in 48 ds. (Meyer-KOREA, REP. OF, R. Korea 9720 "Rose of Sharon" cd. in 58 ds. w/ blue & PERU) gold pennant. (Dieckmann-MO). 6015 w/ f/d "Childrens Choir" cd. in 2 mo. w/ red and gold pennant. (Klein-FL). 11830 in 48 ds. w/ blue and green pennant. (Calderwood-CO). 9525 cd. in 72 ds. w/ copper and red pennant. (Clark-AZ). 11830 w/ f/d "Buddah" cd. in 1 mo. Also rcvd green and white pennant. (Margritz-NE). 9525 w/ "Mountain" cd in 36 ds. (Meyer-PERU). 9525 w/ f/d "Drum Dance" cd. in 1 mo. (Valko-PA). 9720 in 38 ds. w/ blue and green pennant. (Dieckmann-MO). in 2 mo. for 2 IRCs. (Orcutt-CA). Just a blue and purple pennant w/ sked in 3 wks My 13th different pennant from Korea! Hate to have their bill from the pennant maker. (Barto).
- LITHUANIA:** R. Vilnius 7215 f/d cd. along w/ a red, white and green pennant in 102 ds. (Cucura-PA). 17870 in 11 wks. (Wendt-OR).
- LUXEMBOURG:** R. Luxembourg 6090 f/d "Crest" cd. in 147 ds. for 1 IRC. (Newhall-CT).
- MADAGASCAR:** R. Nederland 11740 f/d "Ship" cd. in 13 ds. (Dieckmann-MO).
- MALAYSIA:** Voice of Malaysia f/d cd. w/ pennant in 36 ds. for 2 IRCs. (Ewenstein-NY). same in 7 wks. (Lobdell-MA). 6025 in 3 mo. for 1 IRC. (Klein-FL).
- MEXICO:** XEEP R. Educacion 6185 f/d ltr. in 3 mo. for a SP rpt. and ms. v/s Joel Hernandez, Auxiliari Direccion. (Lazarus-LA). XERM 15430 f/d cd. in 30 ds. w/ sticker. (Clark-AZ).



VERIFICATION SIGNERS: La Voix de la Revolution 3300 Felix Katayija, Direttore Tecnico. Voice of Peace 5040 Kenny Page. NBC Kaduna 3396 Godwin Okonkwe, Technical Officer. Radio Rwanda 3330 Christophe Mfizi, Direttore Ufficio Informazioni. Radio El Mundo 15290 Amelia Ferreras, Jefe Relaciones Publicas. LOL 15000 Hector Guilo, Jefe. Radio Emisoras Bolivia 4755 Oscar Elias Siles. Radio Dario da Manha 9675 Claudio R. Moraes....via PLAY DX.

SLINKY ANTENNA: Stu Klein has sent me the directions on how to build and install a 120 meter helically wound dipole antenna. Stu says it works great! Fine for attic or apartment dwellers! Direct inquiries to me. SASE please.

NOTES: John Mosman of 1312 Exeter CT., Wheeling, IL. 60090 would like the address for Radio Capitol in Venezuela. The Ap. 4173 is incorrect...Sam. To Ron Dishman...the address for the ScoreBoard Section is listed on the back page of the FRENDX bulletin...Sam. Leslie Byron has received an IBA pennant from Mr. Paul Brouillette of Michigan. Congratulations Leslie and a tip of the hat to you Paul for being such a generous individual. Its reassuring to know that people like you Paul belong to NASWA...Sam.

MEXICO: XEUW R. Nucleo Uno 6020 postcard in 4 mo. for a SP rpt. and 1 IRC.
* Long multi-colored pennant also rcvd. (Klein-FL) cd. and pennant in 3 wks. Station stamp indicates that this is the old "Eco de Sotavento" (Barto-CT).

NEW BRITAIN: R. East New

Britain 3385 f/d cd. in 1 mo. for ms. (Hoffman-PA). in 66 wks. (Howard-CA). in 1 yr. direct from * Rabaul (Klein-FL). in 6 wks. for ms. via Boroko (name). R. West New Britain 2340 in 3 wks. for ms. via Boroko (name)...Please try to write your name gentlemen after each verie. Sometimes I miss a few...Sam.

NEW CALEDONIA: FR3 7170 form ltr. in 35 ds. for a FR rpt. and 1 IRC. (Moore-PA). same in 1 mo. for 1 IRC. (O'Riordan-ID).

11710 in 45 ds. for FR rpt. (Witte-CA).
NEWFOUNDLAND: CK2N 6160 "Network" cd. and ltr. in 3 wks. for 1 IRC. (Saylor-PA).

NEW IRELAND: R. New Ireland 2428 f/d

* "NBC" map cd. in 3 wks. via Kavieng. (Pitts-OR)...I believe the 2 name QSLs under New Britain belong to you Steve. At least the paper looks the same...Sam. f/d ltr. in 48 ds. for 1 IRC. (Klein-FL).
NEW ZEALAND: RNZ 15345 f/d cd. in 1 mo. for 2 IRCs. (Orcutt-CA). "Totem Gate" cd. in 27 ds. for 2 IRCs. (Clifford-WA). 15345 and 17770 w/ "Mountain" cd. in 31 ds. (Plotnick-CT). 6105 "City" cd. in 99 ds. (Meyer-PERU). 17860 w/ f/d "Maori" cd. in 20 ds. for 2 IRCs. Pennant rcvd. (Leithner-TN). 11945 in 22 ds. (Meyer)

NICARAGUA: R. Nacional 5950 n/d ltr. in 5 mo. -PERU) (Muick-PA)...Lucky it didn't get burnt...Sam.

NIGERIA: Voice of Nigeria 11770 f/d cd. via Ikorodu in 181 ds. (Byron-NY). 15120 in 64 ds. (Colacarro-MA).

* Imo Broadcasting Service 4755 via Owerri ltr. in 1 mo (Valko-PA). in 1 1/2 mo. for 2 IRCs. (McDavitt-NY). in 42 ds. for ms. v/s J. Edohasim, Chief Engineer. (Hoffman-PA)...Don, is Owerri located in the Biafra area?...Sam. FRCN 4990 via Sogunle (?) ltr. in 57 ds. for 1 IRC. (Newhall-CT)...Not too sure of site on this one...Sam.

NORWAY: R. Norway 17840 f/d "Flowers" cd. in 50 ds. (Black-NY).

11895 w/ "Winter in Norway" cd. in 26 ds. for 1 IRC. (Plotnick)

PAKISTAN: R. Pakistan 17665 f/d cd. in 47 ds. (Meyer-PERU). -CT) 21655 f/d "Paradise Point" cd. in 3 wks. v/s Mr. Anwar Ahmad

Qureshi, Engineering Manager. (Matthews-OH).

PAPUA NEW GUINEA: NBC 4890 f/d "Map" cd. in 3 wks. for 1 IRC. (Moore-PA). in 18 ds. (Witte-CA). R. Eastern Highlands 2410 cd. in 3 wks.

via Goroka. (Pitts-OR). R. East Sepik 3335 in 6 wks. for ms. via Boroko. (Pitts-OR). R. Madang 3260 in 5 wks. for ms. via Madang. (Pitts-OR). R. Western Highlands 2450 f/d cd. in 3 wks. via Boroko. (Pitts-OR).
* R. Chimbu 2376 cd. in 3 wks. for ms. via Boroko. (Pitts-OR).

We are glad to have your reception report on our program transmitted on 3940 kHz at 1013 hours-1029 hours G.M.T. dated Sept 19, 1978.

Your further reception reports on our broadcasts are welcome.

Hubei Peoples Broadcasting Station

RADIO HABANA CUBA
RHC

PAPUA NEW GUINEA: R. Gulf 3245 f/d "NBC Map" cd. in 3 wks. for ms. via Boroko. (Pitts-OR). R. Central 3290 in 3 wks. for ms. via Boroko. (Pitts-OR).
 * R. Northern District 2468 in 3 wks. for ms. via Boroko. (Pitts-OR).

PERU: R. Victoria 6020 f/d "Logo" cd. in 20 ds. for a SP rpt. and ms. v/s Juan Ramirez Lazo. (Onken-IL). in 4 mo. (Bloch-MD). in 5 $\frac{1}{2}$ mo. for a SP rpt and 1 IRC. (Mikell-IL). in 1 mo. (Barto-CT). R. Quillabamba 5025 f/d ltr. w/ pennants in 27 ds. (Meyer-PERU)...Thanks Kevin. I received the package w/ the goodies!...Sam. R. del Pacifico 9675 f/d "Macchu Picchu" cd. in 14 ds. for a SP rpt. (Meyer-PERU). R. Union 6115 cd. in 53 ds. for a SP rpt. (Meyer-PERU). R. Pampas 4855 personal ltr. and a prepared cd. in 1 mo. for a SP rpt. v/s Guido Barreto Rivera, Gerente. Addr: Jr. Bolognesi 296, Pampas, Huancavelica. (Greenyer-NZ).

POLAND: Polskie Radio 11815 "Runners" cd. in 34 ds. (Dieckmann-MO). in 38 ds. (Davenport-TN). 15120 in 32 ds. (Koskovich-CT). in 49 ds. (Sedgeley-CO).

PORTUGAL: R. Portugal 11935 "Sunflower" cd. in 29 ds. (Dieckmann-MO). in 31 ds. for 1 IRC. This was my 3rd try. (Minor-AZ)...Unusual...Sam.

REUNION ISLAND: ORTF 2446 f/d ltr. and a cd. in 4 yrs. and 6 mo. after 5 * follow-ups. v/s P. Lehaut, Le Chef. (Kusalik-ONT)...Very fine.

ROMANIA: R. Bucharest 15365 "Bran Castle" cd. in 109 ds. (Munster-GA). same for 9570 in 4 mo. (Witte-CA). same for 5990 and 9570 in 10 wks. (Wendt-OR). 11840 and 9570 in 3 $\frac{1}{2}$ mo. w/ "Slanic Spa" cd. (Matthews-OH). cutt-CA).

SARAWAK: R. Malaysia 5030 "Broadcasting House" cd. in 12 ds. for 2 IRCs. (Or-cutt-CA). 7160 via Kuching w/ f/d cd. in 3 wks. for 1 IRC. (Lazarus-LA).

SICILY: RAI 7175 f/d "Ritratto di Bambino" cd. in 81 ds. (Valko-LA). in 4 mo. for 1 IRC. (Leithner-TN). in 2 mo. for 1 IRC w/ site. (Lazarus-LA).

SINGAPORE: R. Singapore 11940 f/d "Singapore by Night" cd. in 45 ds. for 1 IRC. (Sedgeley-CO). in 3 mo. for IRCs. Addr: GPO Box 1902. (Lazarus-LA). in 136 ds. for 1 IRC. (Klein-FL). 5052 in 17 wks. for 1 IRC. (Wendt-OR).

SOUTH AFRICA: R. RSA 11900 f/d "Mountain" cd. in 26 ds. (Plotnick-CT). 9585 in 18 ds. (Dieckmann-MO). 21535 w/ f/d "Drakenberg" cd. in 24 ds. for 1 IRC. (Byron-NY). "Hunters" cd. for 9610 in 19 ds. (Black-NY). R. Suid Afrika 4880 "World" cd. w/ personal ltr. in 2 wks. (Saylor-PA).

SPAIN: REE 9630 f/d "Islas Baleares" cd. in 32 ds. (Koskovich-CT). 11880 in 28 ds. (Dieckmann-MO). "Carteies Turisticos" cd. in 35 ds. (Blankenship-SWEDEN).

SWEDEN: R. Sweden 15290 via Karlsborg f/d cd. in 17 ds. (Dishman-ME). WV). 11705 w/ f/d "Map" cd. in 22 ds. (Black-NY). in 34 ds. (George-TX). 15305 in 28 ds. (Plotnick-CT). 11905 in 26 ds. (Minor-AZ). 21615 in 19 ds. (Koskovich-CT). 21700 in 38 ds. (Blankenship-WV).

SWITZERLAND: SRI 9725 f/d "Mountain" cd. in 29 ds. (Black-NY). same for 21570 in 67 ds. (Meyer-PERU). 15305 w/ "Fribourg" cd. in 2 wks. (Clark-AZ).

TAHITI: R. Tahiti 15170 f/d "Polynesian Girl" cd. in 27 ds. for 2 IRCs. (Black TOGO).

TOGO: R. Togo 5047 "Map"-NY) cd. in 41 ds. for an EG rpt. and 2 IRCs. (Cucura-TURKEY).

TURKEY: Voice of Turkey PA) f/d "Anamur Fortress" cd. in 22 ds. w/ pennant for 1 IRC. (Dieckmann-MO). same in 21 ds. w/ pennant. (Minor-AZ). same for 15125 in 38 ds. (Meyer-PERU). 9515 w/ "Cartoon" cd. in 34 ds. (Black-TURKOMEN).

TURKOMEN: R. Moscow via Ashkhabad on 1930 w/ f/d "Winter Scenes" cd. NY). in 11 ds. for a PT rpt. (Saylor-PA).

UGANDA: UBC 15325 f/d cd. in 35 ds. (Smith-LA).

URUGUAY: R. Carve 6155 f/d ltr. on rainbow stationary

* In 28 ds. for a SP rpt. (Meyer-PERU)...Good catch!

USA: R. Callisto 7370 f/d hand drawn cd. in 2 mo. (Muick-PA)...Al says that the following pirate stations can be reached through his address: R. Polarix, Voice of Venus, Voice of Revolutionary VINCO, KIX, Voice of the Pope's Sundial, Voice of the Northern Prairies, and WJAM-Free Radio Service of Conn...Sam.

* Voice of Venus 7365 cd. in 3 mo. (Twiggs-CT). 7460 in 24 ds. (Fisher-MA). Voice of the Voyager 6220 f/d cd. recvd. direct from Mike Martin at the ANARC Convention. (Twiggs-CT). Voice of the Viking 7450 This QSL was also recvd. at ANARC. (Twiggs-CT).

THANK YOU: A personal thank you goes out to all the fine people who have contributed articles and other donations to the HAP fund raiser and to NEADKO....Sam.

We are glad to have your reception report on our program transmitted on 2340 kHz at 1037 hours-1045 hours G.M.T. dated Oct. 13, 1978

Your further reception reports on our broadcasts are welcome.

Fujian People's Broadcasting Station

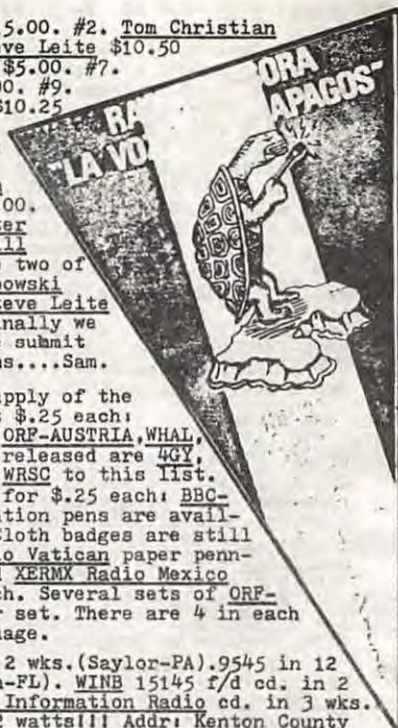
R.T.B.



LA VOIX DE L'AMITIE
STATION ORU

B P 202 - 1040 Bruxelles-BELGIQUE

NEAD XO-HAP BID WINNERS: #1. Tom Christian \$15.00. #2. Tom Christian \$15.00. #3. Bill Campbell \$13.00. #4. Steve Leite \$10.50. #5. Steve Leite \$35.75. #6. Bill Wobican \$5.00. #7. John Herkimer \$5.00. #8. Tom Semesky \$9.00. #9. Emmett Hoffmann \$7.00. #10. Steve Leite \$10.25. #11. Bill Flynn \$12.00. #12. Tom Warrenburg \$5.00. #13. Steve Leite \$20.75. #14. B. Underdown \$20.50. #15. Dave Lueking \$12.00. #16. Steve Leite \$15.50. #17. Tom Christian \$10.00. #18. Mike Hardester \$5.00. #19. Tom Semesky \$3.00. #20. Mike Hardester \$5.00. #21. Bill Campbell \$18.00. #22. Bill Campbell and Tom Christian \$27.00. I have two of these items. You both won! #23. Dan Jakubowski \$2.50. #24. Mike Hardester \$2.00. #25. Steve Leite \$26.25. #26. Tom Christian \$25.00. and finally we have #27. Charles Mitchell \$5.00... Please submit your checks to me and I'll post your items.... Sam.



HAP ITEMS FOR SALE: We still have a good supply of the following stickers and decals for sale at \$.25 each: CKNW, KCJJ, KXIC/KICG, WMNI, WDG, CFMI, ORP-AUSTRIA, WHAL, KPOF, Radio Vatican, and KRNA. Now being released are 4G, WFB, WBSA and Radio HumberSide-BBC. Add WRSC to this list. The following metal badges are available for \$.25 each: BBC-Local Radio and Radio City-194. These station pens are available at \$.25 each: KWKH, KLTR and WHAL. Cloth badges are still in supply from WDRF-FM at \$.50 each. Radio Vatican paper pennants are in good supply at \$1.00 each and XERM Radio Mexico cloth pennants are available at \$2.00 each. Several sets of ORP-AUSTRIA decals are available at \$1.00 per set. There are 4 in each set. All are printed in a different language.

USA: VOA Delano 21695 f/d "Capitol" cd. in 2 wks. (Saylor-PA). 9545 in 12 ds. (Ewenstein-NY). 11850 in 2 mo. (Klein-FL). WINB 15145 f/d cd. in 2 wks. (Orcutt-CA). WXT613 1610 Travelers Information Radio cd. in 3 wks. XMTX is in Boone County, KY. QRP only 2 watts!!! Addr: Kenton County Airport Board, Mr. Ted J. Bushelman, Director of Community Relations, Greater Cincinnati Airport, P.O. Box 75000, Cincinnati, OH 45275. (Muick-PA and Saylor-PA)... Great going!!! Sam.

USSR: R. Moscow 9600 cd. in 33 ds. (Minor-AZ). 15520 in 1 mo. (Wendt-OR). 11840 in 37 ds. (Dav-enport-TN). 9710 in 2 mo. w/ small red pennant (Margritz-NE).

UZBEK: R. Tashkent 9540 and 9600 f/d "Temple" cd. in 30 ds. for 1 IRC. (Newhall-CT). 15460 f/d cd. in 1 mo. v/s Mrs. Nadira Babadjanova. (Matt-**VATICAN:** R. Vatican 11845 f/d "Ethiopian news-OH". Studio" cd. in 3 wks. w/ pennant. (Saylor-PA). in 19 ds. (Sedgeley-CO). 17900 in 17 ds. (Dieckmann-MO). 6015 in 2 1/2 mo. for 2 IRCs. (O'Riordan-ID). 11845 in 2 wks. (Byron-NY). 15220 w/ f/d "Antenna" cd. in 58 ds. (Meyer-PERU). 9645 w/ f/d "Palazzo Pio" cd. in 63 ds. (Dieckmann-MO). 11845 cd. and pennant in 40 ds. for 1 IRC. (Blankenship-WV). 17900 in 47 ds. (Koskovich-**VENEZUELA:** R. Lara #800 CT) "Network" cd. in 5 1/2 mo. for a SP rpt. and 1 IRC. (Mikell-IL). in 8 mo. for a SP rpt. and ms. (Prisco-PA). R. Barquisimeto 4990 f/d cd. in 7 mo. for a SP rpt. (Prisco-PA). R. Los Andes 6010 personal ltr. in 8 wks. for a SP rpt. & ms. v/s Angel Marquez M. III. (Lobdell-MA). Ecós del Torbes 4980 f/d ltr. in 48 ds. for a SP rpt. (Meyer-PERU)..



2 watt QSL submitted by Brett Saylor of Altoona, PA. Very Nice!!

1610 kHz, 2 Watts, monopole antenna 47.5 feet above the ground 10 miles SW of Cincinnati, Ohio, in Boone County, Kentucky.

We confirm your reception of our radio transmission on the 23 day of MAY 19 77

[Signature]
Chief Engineer

WXT613
Travelers Information Radio,
Kenton County Airport Board.

Box 75000
Cincinnati Ohio 45275

NEAD XO - Sun. Sept. 9th, 1979

VENEZUELA: YVTO 6100 cd. in 31 ds. for a SP rpt. and 1 IRC. v/s Luis Rafael Nunez. (Newhall-CT). R. Juventud 4900 f/d green and white cd. in 8 mo. (name).

VIETNAM: VOV 10060 f/d ltr. in 3 1/2 mo. for 2 IRCs. Pennant rcvd. (Leithner-TN). 10040 and 12035 in 4 mo. (Wendt-OR). 15009 in 96 ds. for 1 IRC. (Ewenstein-NY). in 3 mo. for ms. (Overcamp-SC). 15008 f/d cd. in 103 ds. (Cucurapa). 12035 in 123 ds. (Meyer-PERU). 10040 in 113 ds. (George-YUGOSLAVIA: R. Yugoslavia 6100 TX).

f/d "Ohrid" cd. in 3 1/2 mo. (Matthews-OH). 15240 cd. and pennant in 54 ds. (Meyer-PERU).

ZIMBABWE-RHODESIA: RBC 3396 f/d "Map" cd. w/ new country name added in 33 ds. for 2 IRCs. (Ewenstein-NY). in 25 ds. for 2 IRCs. (Eastman-TX). in 18 ds. for 2 IRCs. (Kusalik-ONT). in 35 ds. for 1 IRC. (Sedgeley-CO).

FROM THE FLOOR:

ANTARCTIC: AFAN 6012 cd. in 7 mo. after a follow-up. (Kusalik-ONT).

ARGENTINA: R. El Mundo 11755 and 15290 EG/SP cd. w/ car sticker in 1 1/2 mo. for a SP rpt. v/s Amelia Ferreras, Jefe de Relecciones Publicas y Prensa. (Greenyer-NZ). R. Rivadavia 5883 blue and white "Logo" cd. in 8 wks. for a SP rpt. and ms. v/s Jorge Falcone, Gerente Technico. (Onken-IL).

AUSTRALIA: VLR9 9680 f/d cd. in 58 ds. for 2 IRCs. (Danylchenko-ONT). Radio Australia 9580 via Shepparton f/d "Pink Rose Cone" cd. in 5 1/2 mo. (Blankenship-WV). 9580 f/d "Dingo and Cub" cd. in 126 ds. (Blankenship-WV).

BONAIRE: R. Nederland 9715 cd, sticker and pennant in 3 wks. (Margritz-NE).
BRASIL: R. Gaucha 11915 personal ltr. in 3 mo. for a PT rpt. v/s Celso Ferreira, Gerente de Programacao. (Greenyer-NZ). in 38 ds. for ms. (Hoffman-PA). R. Bandeirantes 11925 cd. in 2 mo. for a PT rpt. (Greenyer-NZ). Radio Guaba 5965 green and white cd. in 2 1/2 wks. v/s Paulo Deniz. (Greenyer-NZ). R. Sociedade de Feira Santana 4865 f/d "Anniversary" cd. in 40 ds. for a PT rpt. and ms. (Hoffman-PA).

CANADA: CKZU 6160 cd. in 16 ds. v/s Frances H. Buchan. (Greenyer-NZ). CHNX 6130 "Scenes" cd. in 30 ds. for 2 IRCs. v/s Judy Carruthers. (Blankenship-WV). * CKFX 6080 "Super Country" cd. in 9 ds. (Monaco-NY). same in 18 ds. (Greenyer-NZ)...Great from down-under!!! Sam.

CHINA: R. Peking 15520 f/d cd. in 36 ds. (Blankenship-WV).

CUBA: RHC 17750 and 11930 f/d cd. and pennant in 128 ds. (Blankenship-WV).

CZECHOSLOVAKIA: R. Prague 7345 f/d "Orava Castle" cd. in 8 wks. (Margritz-NE). same cd. in 70 ds. (Blankenship-WV).

DOMINICAN REP: RTVD 9505 "Map" cd. in 28 ds. for an EG rpt. and 2 IRCs. (Onken-IL).

ECUADOR: R. Luz y Vida 4850 "Mountain and Cross" cd. in 10 mo. for a SP rpt. v/s Hna. Enma Encarnacion. (Greenyer-NZ). HCJB 15115 f/d "Statue" cd. in 32 ds. (Meyer-PERU).

EUROPEAN RUSSIA: R. Moscow 9490 cd. in 46 ds. w/ Olympic booklet (Blankenship-FED. REP. OF GERMANY: Sender Freies

Berlin 6190 cd. in 6 mo. (Kusalik-ONT).

FINLAND: FIR 15400 f/d "Spring in Finland" cd. in 24 ds. (Blankenship-WV). 15265 w/ same cd. in 31 ds. (Blankenship-WV).

GHANA: GBC 4915 f/d cd. in 124 ds. for 3 IRCs. (Danylchenko-ONT).

GRENADA: R. Grenada 15105 f/d cd. in 4 mo. for 2 IRCs. (Blankenship).

GUATEMALA: TGNC 3300 cd. in 6 mo. for an EG rpt. (Monaco-NY).

ISRAEL: IBA 11620 f/d cd. in 33 ds. for an EG rpt. (Davenport-TN).

MONTSERRAT: DW 11785 cd. in 100 ds. for 2 IRCs. (Marshall-ND).

NEWFOUNDLAND: CKZN 6160 cd. in 15 ds. v/s P.H. Holm. (Monaco-NY).

Thats all folks!!!

WVOT

WITH voice of the OPERATOR

We are pleased to confirm your reception report of our broadcast of the 1979 WVOT. We are a radio station located in the Midwest with the purpose of programming for world peace with love help.

Your report of 10/29/79 on 20,060 kHz with a 5100 reading of 1000 at 1000 GMT is fully confirmed. Please tune in in again.

Best of 1979!

J. W. Steiner
Gen. Mgr., Manager

K. L. Jones
Asst. Mgr., Operations

GSL
WORLDWIDE COMMUNICATIONS
ENROUTE GLOBE 10011600

7-241195

Alvin V. Sidor
ex Country Mgr
North, Europe, etc.
06473
U.S.A.

TURKISK
POLIN RADIYOSI

Station Name: Turkiska Polin Radiyosin (AKRPT)
Frequency: 4300 kHz
Time: 31. Dec 1978
Time: 18.00-19.00
Station Power: 150 Watts (Max)

McAlvin T. Sidor
This is to confirm your report of our station on the date and time indicated.
Your report was welcomed and met according to our program schedule.
Thanks so very much.

Station Logo

Signed: *[Signature]*
Station WVOT
Date: 8-5-1979



naswa AWARDS reports

7921 Anfred Drive
Laurel, Maryland 20810

August, 1979

The following report gives all awards issued during the period 1 April 1979 through 30 June 1979. All awards are listed in Chronological order of issue.

EUROPEAN CONTINENTAL DXER

Edwin Farrell
Walter F. Kuntz
John A. Alcock
Ken Holtzman
William A. Algeri
Robert R. Pierce
Wayne Meyer
James B. Douglass
Baxter W. Hensley
Mark Seltzer
Terry A. Klasik

EUROPEAN CONTINENTAL DXPERT

Douglas Wicks
John C. Herkimer

SOUTH AMERICAN CONTINENTAL DXER

Kevin Mikell
Morton S. Ronick
John A. Alcock
Andre Pineault
Douglas Wicks
Daniel J. Prisco

SOUTH AMERICAN CONTINENTAL DXPERT

John C. Herkimer

NORTH AMERICAN CONTINENTAL DXER

John A. Alcock

NORTH AMERICAN CONTINENTAL DXPERT

Richard T. Pistek, WDX9HOA
Al Sizer

DXER DE PACIFICA

Stephen E. Pitts
John C. Herkimer

ASIAN CONTINENTAL DXER

Paul Baur
Stephen E. Pitts

WORLD WIDE DXER

Edwin Farrell
Joseph W. Wildesen
Jonathan Golkin
Rita M. Vermetti
William A. Algeri
Robert R. Pierce
Walter F. Kuntz
B. P. Snowden
Wesley Thompson
James B. Douglass
Bill Sandborn
Charles Connell
Jon Chicky

DX CENTURION

Daniel J. Prisco
Douglas Wicks
James B. Douglas
John A. Alcock
Ralph Alm
Neal Weaser

SENIOR DX CENTURION

John Moritz, Jr.

ALL CONTINENT QRP DXER

Chris Leithner--50 kw
Brett Saylor--25 kw
Douglas Wicks--25 kw
Dan Henderson--2 kw
Al Sizer--5 kw
Bill Sandborn--50 kw
Bill Sandborn--25 kw
Dave Valko--50 kw

SOVIET SPHERE DXER

Jeffrey D. O'Donnell
Bill Whitacre
Roger DeRoy
James B. Douglass

MASTER SOVIET SPHERE DXER

John Sgrulletta

ECCLESIASTIC DXER

Robert A. Goss
Daniel J. Prisco
Douglas Wicks
James B. Douglass
Stephen Pitts
John A. Alcock
Brett Saylor

MAPLE LEAF DXER

Kevin Mikell
Jim Fedor
Ron Howard

ALL VOA DXER

Douglas Wicks
Terry A. Klasik

MASTER INDONESIAN DXER

Bill Whitacre

SENIOR BRITISH COMMONWEALTH DXER

Stephen Pitts

SENIOR PAPUA NEW GUINEA DXER

Ralph Alm

Well, that's all for this month. Thanks for all those who applied, and apologies for the delays. My work schedule has been almost murder. Until next time, 73, Dan J. Dan Henderson

update

August 1979***Number 48

Tom Allenan
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA

(816) 931-5943 2330-0300 only!

UPCOMING DEADLINES: 10 August (Mid-August) 20 August (September) 12 September (Mid-Sept)

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

- AFGHANISTAN Kabul, 15075 nf; in EG 1900-20; M w/ several IDs: "This is R.A. calling Europe." Local and GMT TCs, nx, western mx and comment re Pakistan and Afghanistan. QRM from BBC 15070. (Vlad Cucura, PA) --- Kabul also noted on 15075 nf in EG 1730; ID by W: "R.A., Kabul." Fair signal not bothered by weak BBC 15070. Also heard 15 July 1830 w/ ID and GM pgm. Eg at 1900. Severe BBC QRM. Wonder what freq they'll try next? (Syd Osterman, ONT)
- ARGENTINA R. Splendid, 5985, in SP 0435; talk, comment, ID and LA mx. (Steven Shaffer, IND 7-9)---Splendid also noted on 5985 at 1015 in SP; extended talks, ID, TC, more talk. Deep fades. (Stu Klein, FLA) +++ R. El Mundo, 6120, in SP 0935; M anncr, nx. Very good. (Klein, FLA)
- AUSTRALIA VLW 9, 9610, in EG 1155; 2 men w/ many SkyLab jokes!!! (Shaffer, IND 7-12)+++ RA, 17795, in EG 0335; soft rock mx and W anncr. (Shaffer, 7-12)
- BOLIVIA Realyed from Tony Jones comes word that Jean-Jacques Bloch's report in R. Machupo in UD 47 was correct. Machupo uses 5585-6v and San Jose 5582, but only rarely evenings. tba +++ R. Fides, 4845, in SP 0030-40; M w/ talks, occasional talks by W. Flute mx breaks, ID, local folk mx. (Neal Perdue, ALA) +++ R. Progreso tentative on 6005 in SP 0150-0230; report on Bolivia-Paraguay match behind BBC and CFCX. Same coverage heard on Panamericana 6034. Relej not there. (Jean-Jacques Bloch, MD) ***Relej missing from 6006 of late. Possibly gone to cover a Sandino freq??? tba *** R. Stentor, 6095a, in SP 1035; nice local mx, ID all in het. (Klein, FLA)
- BRAZIL R. rural Santarem, 4765, in PT 0905; long talk by drunk-sounding M anncr; mentions of Santarem. (Klein, FLA) +++ R. Cult. de Bahia, 4895, in PT 0905; usual pops, cute canned stn promo. (Klein, FLA) +++ R. Diario de Manha, 9675, in PT 0900; probable s/on. Calls, freqs, ID and TC. (Klein, FLA)
- BRUNEI RTVB, in QSL to Stu Klein announces that 4865 and 7215 will go off air 1 September.. No indication of whether they will be replaced or are gone for good.
- BULGARIA Sofia, 17825, in EG 2113. W w/ talk on Bulgarian industry. (Shaffer, IN 7-11)
- CANADA CFCX, 6005, in EG 0724; top 40 and golden oldies. Relej off. Confirmed by phone call to stn. (Klein, FLA)
- CHINA RP, 5975, at *1000; EIR, M anncr and long talk in CH. (Klein, FLA) +++ PLA, tentative on 6000 at 1110; W w/ tirade taken up by man. No ID but sure sounds like them. (Klein, FLA) Clandestine V of Dem Kampuchea, 11600, tentative at 1227; spirited local mx, talk by M. Poor and QRMed. (Shaffer, IN 7-12)
- COLOMBIA LV del Llano, 6115, in SP 0926; ID, TC and talks. (Shaffer, IN 7-15) +++ LV del Huila, 6150, in SP 0920; ID and latin mx. (Shaffer, IN 7-15)
- CYPRUS BBC, 21660, in EG 1141; old time mx and talks. (Shaffer, IN 7-13)
- DOMINICAN REP. RTVD, 9505, in SP 0100; Full ID including address, and nx review. Rudy Espinal said at ANARC that he might moe to this stn if things work out. (Shaffer, IN 7-14)
- ECUADOR LV del Triunfo. 3255a, 0455-0457*; EzL mx, IN, two ads and gone suddenly. (Klein, FLA) +++ LV del Napo, 3280, in SP 1003; M w/ opening anncmts, IDs, LA mx. (Perdue, ALA) +++ R. Popular Ind., 4801a, in SP 0640; high voiced Indian vocals, W anncr, ID as R. Popular Independente, TC, more mx. UTE off! (Klein, FLA) +++ R. Paz y Bien 4820, in SP 0925-45; opening anncmts by M, HC march mx excerpts during short local nx pgm of Ambato, TCs, local mx, latin mx. (Perdue, ALA) +++ R. Luz y Vida, 4850, in SP 0225-0345; M anncr w/ talk, ID, orchestra mx. (Perdue, ALA) +++ R. Quito, 4920, in SP 0128-0230; guitar mx, full ID by M ("R. Quito, la voz de la capital.") (Perdue, ALA) +++ R. Federacion, 4960, tentative in SP 0130-50; varied selection of HC and ranchers mx, M anncr, muffled audio. No ID. (Perdue, ALA) +++ HCJB's freq of 15265 now QRMed by Moscow. (Jim Conrad, IOWA)
- ENGLAND BBC, 3975, in EG at *0400. Nx. (Shaffer, IN 7-12)
- GRENADE RFG, 15045, in EG 2340; world nx to 2359*. RFG also noted on 15105 in EG 2110; M in EG, C&W mx, anncr had island accent. (Shaffer, IN 7-11)
- HAITI 4 VEH, 11835, in EG 1135; religious px. ID 1200 (Shaffer, IN)
- IRAN Tehran, 15084, tentatively at 2125; local flutes but no talks. Freq and timw check out. (shaffer, IN 7-11)
- JAPAN RJ, 15270, in EG *2000-2015*; Asian nx and comment. Some fading. (Shaffer, IN 7-14)
- KOREA (REP.) Seoul, 6015, in EG 1015; M w/ comment // 9580. At 1030 possible KR. Also tentatively noted on 6165 at *1030 w/ IS etc. in KR. // 6135 at 1100. (Klein, FLA)
- LIBYA PRBS, 15100, tentatively in AR 2127. Chants some talk but no positive ID. If not them, who? (Shaffer, IN 7-11)
- MALAYSIA RM, 6025, in CH 1105; CH-style opera, W anncr w/ anncmts mentioning Malaysia. (Klein FLA)

MEXICO "R. Galaxy" and "XEJRM", 6939.2, in EG 0224-0303*. Definitely claiming to be in Mexico or Mexico City. "Good evening, this is R. Galaxy. We are b'casting to NAM in the 4mb. This is your anncr, J.B. Boss (???)". Long touristy talk on Mexico, mentions of DX club bulletins and claimed to be reading from them, mentions of R. Liberation. Said to send reports to NASWA and gave Box 13 address. Claimed that stn stays away from politics. Seemed to say tx was 250 or 350 watts, but that power might go up in future. Rock mx 0248-0302. 0302-0303 off air tape in SP/EG sounding like Belize in EG part. Tnx Paul Jordan. (Dave Walcutt, TX 7-11) ***Dave has kept me informed of when this is on, but it hasn't made it to KC yet. tba*** LV America Latina, 15160, in SO 1337; talks by M&W, ads and JM. (Shaffer, IN 7-9)

NETHERLANDS ANTILLES/NETHERLANDS RN Bonaire changes via Jim Conrad: 17605 ex 17695 now Lopik 1430-2230; 17695, ex-17810, now Bonaire to Afr after 1830.

NIGERIA FRC, 4990, 0130 7-15 in EG for election returns. Said next nx would come at three o' clock. Highlife mx in the meantime. (Syd Osterman, ONT) +++ FRC Jos, 5965, in EG 0449-0500; religion to 0500, ID, TC, and nx. (David Schweikart, VA 7-16) +++ FRC, 6025, 2255-0005+ in Eg for election night coverage. (Schweikart, VA 7-14/15)

NICARAGUA R. Sandino, 7316, in SP 0705 w/ huge sigs and usual px. (Conrad, IOWA) +++Sandino heard on 7588 at *0415 7-14; usual pgms w/o pro-Somoza accompaniment. On 7315 at 0545 15 July. Somoza stn on 7320 15 July. (Shaffer, IN 7-14/15)

PNG NBC, 11880, first heard 12 July 0633-0711a. Usual mix of ads and pop mx, and NBC IDs. Covered by SFR to 0615, then NBC to 0700 and sometimes later (0708 13 July). As with 9520, s/off occurs when anncr remembers to pull the switch. 9520 audible to after 0800. July LN-3 lists 11880 as RAustralia freq to PNG. Don't be confused. This was definitely NBC. (Osterman, ONT 7-12/13)

PERU R. Quilibamba, 5025, in SP 0100-0203*; moral talks by W, and s/off proceedings w/ NA. (Bloch, MD 7-9)+++R. El Sol, 5970, in SP 1045; ads, local mx on El sol en los Andes. (Klein, FLA)+++R. Panamericana, 5980, in SP 1010; local band mx, M anncr, screaming ID. Deep fades. (Klein, FLA) +++ R. Melodia in Arequipa, 5995, in SP 0015-0130; new stn. Heard w/ disco mx then more conventional SP numbers. ID: "5995 kc, banda de 49 metros, ondas cortas, R. Melodia, desde Arequipa, Peru." (Bloch, MD 7-20)+++R. America, 6010/3240, in SP 0300-0400; ID: "la unica, la primera, con la R. America, primera del Peru." (Bloch, MD 7-15)+++R. Victoria, 6020, in SP 1020; fading in w/ Andean choral mx, ID after each selection. (Klein, FLA) +++ R. Tawantinsuyo, 6175, in SP 1025; nose flutes, full ID. Good copy. (Klein, FLA)

PIRATE KVHF, 6419, in EG 0803-0915; variety of mx, ID as KVHF mx radio. (Greg Ravenhorst, MINN 7-15)

SAUDI ARABIA BSKSA, 14960, in AR 0510; not // anything listed for them. (Conrad, IOWA)

SOLOMON IS. SIBC, 5020, in EG 0830; early for here. Pop mx, ID talk by M. Also noted on 9545 at 0550; M anncr, C&W mx, local tidbits, mentions of Solomon Is. (Perdue, ALA)

SWITZERLAND SRI, 17830, in EG 1830; Bob Zanotti's report on ANARC. (Shaffer, 7-14)

UGANDA UBC, 4932 nf, in EG 0432-0440; IDs as R. Uganda and UBC. TC as 25 min. of 8 at 0435. Gave freqs as 4932, 638 (MW), and others not copied. (Bloch, MD 7-15)---UBC also noted on 15325 in EG 0347; talk on new government, but same old quality problems. (Shaffer, IN 7-9)

USER Vladivostok, 5015 in RS 1140; "Habanera" from "Carmen", M anncr. Fading fast. (Klein)

VENEZUELA R. Universidad, 3395 in SP 1008; end of NA, M w. opening annmets, ID and lively YV mx. (Perdue, ALA) +++ R. Mundial, 5050, in SP 1005' "La hora campesino." Many IDs through UTE QRM. (Klein, FLA) +++ R. Angostura, 6120 in SP 0915; on early w/ talks on Somoza. (Klein)

ZAMBIA Lusaka, 9580, tentatively at 0445 in lang; Afr mx and songs, long talk w/ mention of Zambia and more mx. (David Schweikart, VA 7-14)

MORE MOSCOW TX SITES FROM BOB RANKIN, KS (Sites per UHN):

Freq	Time	Site	Lang	Condx
15385	1615	Gorky	Turkish	fair QRM
15200	1630	Kalatch	Turkish	poor QRM
11940	1715	Blagoveschensk (R P&P)	CH	poor (jammed)
12000	2130	Tula	EG	good
11840	2145	Havana	EG	excellent
11950	2200	Kharkov	EG	poor QRM
12040	2200	Armavir	EG	good
11630	2215	Moscow	EG	good
9785	2230	Zhigulevsk	SP	good distorted
15535	2215	Alma Ata	SP	good
15265	2330	Dushanbe	SP	fair het
12010	2330	Serpukhov	SP	good
12070	2330	Kiev	SP	good
15350	0345	Vologda	IS only	badly QRMed
17845	1430	Lvov	EG	fair
15175	1445	Irkutsk (T)	Asian	poor QRM
15395	1500	Tashkent	EG	good
15305	1530	Sverdlovsk	UnID	fair

BULLETIN: People's Rep. of China now QSLing regional service sites via Peking. More next issue. (Int. B'cast Journal, Roger Legge, ed.)

73, Ten

log report section

1600-4899



DAN ROBINSON

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This month we get right to it as we have some interesting reports. Just one reminder to those who are still sending information directly to IR-A. . . you will not be given credit on the FRENEX credit page, only after your report.

- 1610 USA FIRATE: On 6/17 0408, some mx audible, perhaps WCEX rptd active by others; not as high as 1614.5 where Foxworth has measured "CRAW" or "CREW" ("Halifax"). This one had few if any armts (Hauser) WCEX 0125 w/usual pop mx (Crawford 6/24) CREW Halifax 0300-0500 EG, w/pops, Bill Cosby records, "CREW" comty on US government's inability to solve gas crisis; ID "CREW AM 16" (Fisher-MASS 6/24) 0253 EG, WCEX w/ID as WCEX, 1620...." (Valko 6/30)
- *2310 BRAZIL R. Progreso: PT, lively Brazilian pop mx, ID and armts by M, ads; most reliable of 120 m Brazilians recently (Stover 6/12)
- *2320 BRAZIL R de Setembro: Yippy vocal LA mx, some sax mx, clear ID by M 0144(Stover)
- *2340 NEW BRITAIN R West New Britain: 1006 Pidgin, M DJ w/island mx, (DW Johnson 6/9) 1010 TENT Pidgin, M ancr, island mx, no ID hrd (Klein 6/17)
- *2370T FALKLAND ISLANDS FIBS: Years of chasing faint carriers finally paid off 7/6, 7/9 when I was shocked to hear FIBS in well 0033 w/mx pgm w/vocalists, YL hosting with EG accent, alternately in tlk and mx; 0110 in BEC radio drama; beautiful reception of low-band Brazilians this night also; FIBS to 0159* this night (ROBINSON 7/6)
- *2376 PAPUA NEW GUINEA R Chimbu: 1055 Pidgin, M w/pop, ads, Poor (DW Johnson 6/16)
- 2390 MEXICO R Huayacocotla: M w/ID, TC 0120, back to rancho stuff (Klein 6/15)
- *2428 PAPUA NEW GUINEA R New Ireland: 1013 Pidgin, M DJ w/island vocal mx, ads, Fair (DW Johnson 6/9) 1015 w/C&W, clear "New Ireland" (Klein 6/17)
- 2450 PAPUA NEW GUINEA R Western Highlands: 1020 Pidgin, M in solo sing/chant, M ancr, Fair w/QRN (DW Johnson 6/9)
- 2450 BRAZIL R Cultura: PT, string of ads, tlk, mix of disco/LA pop; ID 0150(Stover)
- 2468 PAPUA NEW GUINEA R Northern District: 1023 Pidgin, M DJ, island mx (DW Johnson)
- 2475 CHINA Zhejiang(Hanzhou): M comty to 1219; first reception since 1/79(Poppin 6/24)
- *2480 BRAZIL RC Rondonopolis: PT, acc to TBS '78 is Ponta Pora; slow LA mx w/accordion & vocals; PT armt 0858, non-stop mx to 0913, def mention of "Ponta..."(Stover 6/24) 0820 PT tlk and mx, no ID hrd so TENT (Saylor 6/26)
- 2850 NO KOREA Pyongyang: 1220 in lang, YL in tlk, orch mx (Poppin 6/24)
- 3170 CZECHOSLOVAKIA OLB5: 0200 with time pips, long on minute (Saylor 7/5)
- 3200T SWAZILAND TWR: Manzini/Mpangela 0425 AK, M w/religious vocal mx, possible ID @ 0431, poor-weak w/QRN (DW Johnson 6/15)
- 3204 JAVA RRI Bandung: 1228 IN, M&W dialogue, ment of Indonesia, short church bell chime 1229...unint'l ID followed by unusual xylophone temple bell effect chime; 1230 M reports w/mention of Jakarta and Bandung (Poppin 6/24)
- 3205 BRAZIL RC Riberao Preto: 0117 PT soccer game coverage by M, F (Lobdell 7/5)
- 3205 UNITED: 0440 w/ether EG or vern tlk, poor, TENT Afro mx, bad fades; Ibadan?(Stover)
- 3210 MOZAMBIQUE RM: 0410-0436 PT W w/tlk, lcl mx & ID (Cucura 6/24) "A" pgm, pop songs, Afro flavor at 2148; first time noted for 1979 (Padula 6/6)
- 3210 ECUADOR R Federacion: 1108 SP, strongest sig on 90 meters, tlk, HC mx (Valko 7/7)
- 3215 VENEZUELA Ondas Panamericanas: 0050 SP, M in tlk, ID, armts (Alexander 6/13)
- 3220 PAPUA NEW GUINEA R Morobe: 0950 Pidgin, island mx under Ujung Pandang tlk, Fair (DW Johnson) UP on 3220 now??? I know they were on 3215....DR
- 3220 ECUADOR HCJB: 0105 Andean-Quechua vocals, ID (Crawford 6/20) 0147-0200* nice Andean flute mx w/presumed Quechua tlk by M ancr to 0200*(Pappas 6/14) 0110 in rel pgm; ID 0130 "Radio HCJB" best in 90 meters (Field) 0200* time pips at s/off(Saylor) 0857 SP, 0900 time pips, M w/ID, HC mx (Cucura 6/28) *0859 SP, ID (Krueger)
- 3223 SWAZILAND SCR: Back here for lcl evening pgms; ex 4980, pops, EG armts 2137, but QRN RRI-Mataram (Padula 6/2) I'll take QRN fm RRI Mataram any time!...DR
- 3222 TOGO Lama Kara: Modern pops/vocals, FR armts 2207; not dual 5047 as on 6/2(Padula) This item out of order....DR
- 3227 LIBERIA ELWA: *0608 vern, IS, EG ID, into chant-like chorals (Krueger 6/27) *0610 w/IS to 0615, then rapid fade (Cunningham 6/23)
- 3235 BRAZIL RC de Marilla: PT, vocal mx, soft-spoken M ancr w/IDs between songs; ID and fgy over classical mx at 2358; surprising strength; up from 500W?? (Stover 6/23)
- 3240 PERU R America: 0423 SP, Good sig, modern mx, no QRN, several IDs, M DJ (Meyer-FERU)

- 3241T. MOLUCCAS RRI Ambon: 1241 orch mx w/w anc; short tkl 1248 (Poppin 6/24)
- 3245 BRAZIL UNID: 7/8 0110 w/mx pgm, weak; three listed (Field)
- 3245 PAPUA NEW GUINEA R. Gulf District: 1206 Pidgin, M DJ w/lcl vocal mx (DW Johnson)
- 3250T PERU R Qollasuyo: 0426 SP, good sig but under heavy CW, usual huayno mx w/very few IDs, message pgm (Meyer-FERU 6/9) Kevin....reports here indicate this one off air due to blown tubes; supposed to return July '78; are they really there?? DR...and are they scheduled this late at night??
- 3253 ECUADOR LV del Triunfo: 0406-0447 SP, IDs, LA/US pops (Krusger 6/3) 0452 SP, US muzak, ID 0456 during s/off (Cartwright 7/7) 0318 SP, M DJ (Moore 6/10)
- 3255 BRAZIL Rdf Brasileria: 0446-0458 lcl mx, 0452 M w/ID, Brazilian pops (Cucura)
- 3255 VENEZUELA LV del Tigre: Typical YV fare w/Latin Amer mx; ID & fcy 0147 (Stover) 0430 SP pops, frequent TCs and IDs (Klein 6/10)
- 3260 PAPUA NEW GUINEA R Madang: 1208 Pidgin, M DJ w/lcl vocal mx, mention of Madang (DW Johnson) 0950 Pidgin, island mx (Klein 6/17)
- 3264.2T MOZAMBIQUE RM: 0358 PT, IS, M w/s/on @0400, lcl pop mx, commercial w/siren, P/F weak w/QRN (DW Johnson 6/15) 0358-0408 IS, drum mx, M in tkl (Valko 7/3)
- *3264a CONGO Brazzaville: 0350* FR/Vern; at 0350 six-note xylophone IS, then percussion mx, into brief vern tkl by M; NA 0359, ID 0402 "Ici Brazzaville, LV de la Revolution Congolaise!!" Good sigs (Pappas 6/15) 2147, first noted 6/2 (Padula)
- 3265 SULAWESI RRI Gorontalo: 1254-1300 vocal mx; 1259 short flute mx, M w/ID, no SCI; 1300: M w/Radio Indonesia mx (Poppin 6/24)
- **3270 ECUADOR R Cosmopolita: 0334 SP, good sig w/a little QRN, lcl mx w/ads and male DJ; a few IDs, but many mentions of Ambato (MEYER-FERU 6/2) Some of these are truly amazing, Kevin, and I wish I could be absolutely sure about their accuracy by hearing them myself....I'm putting my trust in your IDs for this and 3250....DR
- 3275 PAPUA NEW GUINEA R So Highlands: 1224 Pidgin, group song, C&W theme, M anc w/mention of PNG and another C&W to 1233 (Poppin 6/13) 1005 EG M at tail end of mx headlines w/lcl flavor (Klein 6/17) Good PNG morning on 6/17...DR
- 3275 VENEZUELA R Mara: 0050 7/4 w/ads and ID, mx (Field)
- 3285 BEITZE RB: 0110 w/mx in EG (Jones 6/15)
- 3294.5 KALIMANTAN RRI Samarinda: 1211 IN, M with mx to 1217, W anc, M in tkl, mention of Indonesia (DW Johnson 6/9) 1236 ID "Radio Indonesia Samarinda" followed by cmty mentioning Samarinda; 1237 chime-like mx w/male dialogue (Poppin 6/13)
- 3295 BRAZIL R Iguatemi: 0058 on 7/4 w/mx pgm, ID 0102 "R Iguatemi...onda tropical... metros...Osasco, Sao Paulo Brasil..." (Field)
- 3300 GABON Libreville: Afro rhythms 2153; first time noted for '79 (Padula 6/2) Bob.. elsewhere Burundi and Rwanda reported....DR
- 3305 PAPUA NEW GUINEA R Western District: 1222 Pidgin, M anc w/lcl sing-sing & lcl pops, TC (DW Johnson 6/9) Rock mx and Pidgin tkl 1239 (Poppin 6/13)
- 3306 ZIMBABWE RHOESIA VZR: 0418 in lang, pop tunes and armts (Cucura 6/27) *0325-0342 EG, drum IS, ID, bits of mx; first time hrd this freq (Valko 7/13) Same IDs for this one lately??...DR
- 3315 ECUADOR R Pastaza: 0405* SP, close down w/NA, several IDs (Meyer-FERU 7/1)
- 3322.5 BOUGAINVILLE R No Solomons: 0945 Pidgin, W DJ w/pop vocal mx, M in tkl @1002, island vocal mx @1032 (DW Johnson) 0930 (moore) 1255 mention of "Kee-eta" followed by Hawaiian-like song about PNG (this is not their NA and first time I've hrd this song before closing xmsn); gave freq "3322 point 5 kHz", good night and 1300* (Poppin 6/13) 0945 Pidgin tkl, M anc (Klein 6/17)
- 3330 PERU Ondas de Huallaga: 0356 SP, huayno mx, several IDs, lcl notes (Meyer-FERU)
- **3326a UNID: Wanted to get this in, thus the out-of-order listing....Jean Jaques Bloch calls with word of an UNID outlet on this freq, possibly/probably Nigerian w/TC for GMT plus 1; noted 0050 to 0134 7/22, and on same night 6025 noted on late; tkl by M & W in EG w/mentions of Hausa, Ibo, and a couple of IDs crushed under UTE and CHU QRN; I've hrd this one and am truly puzzled by it unless it could be Ibo on another test freq (YE ED via Bloch 7/22)
- 3335 BRAZIL RC de Conquista: PT, lively mx w/whoops and accordion, "Conquista presenta ..." 0228, other mentions of Conquista (Stover 6/7)
- 3335 PAPUA NEW GUINEA R East Sepik: 1000 EG, M anc w/TC, ID, "NBC, Radio East Sepik," into lcl mx headlines (Klein 6/17) 0940 Pidgin, EG ID @1001 (DW Johnson 6/9) W with ID 1116 "Radio East Sepik" TC and into mx (Poppin 6/11)
- 3338 MOZAMBIQUE RM: 0317 choral singing, faded quickly, Poor (Lobdell 7/7) PT tkl at 1/1n 2202; 1st time hrd in '79 (Padula) Bob, any luck with Zanzibar this freq?? DR
- 3345 BRAZIL UNID: 0115 7/8w/mx pgm, ads, couldn't catch ID (Field)
- 3350T GABON RTV: 0542-0548 Vern and FR, M w/trlk in vern, lcl mx, ID in FR 0548, quick fade (Cucura 6/27) We're sure about this one!!...DR
- 3355 ANGOLA RN Luanda: Lcl ballads dual 3375 at 2155; past 2200 (Padula)
- 3355 VENEZUELA R Impacto: 0252 SP, lcl ballads, ID by M (moore 6/17)
- 3360 PAPUA NEW GUINEA R Milne Bay: 0955 EG, M anc/TC/ID (Klein) 1228 Pidgin "McDonalds" theme mx with different words) M DJ, Fair w/UTE (DW Johnson 6/9)
- 3360 GUATEMALA LV de Nahuala: 0340 SP, tkl and ID (Goebel) 0347 lcl mx, many IDs (Meyer) 1126 marimba mx, M in tkl (Poppin) 0312 SP ballads, M with ID (Moore)

- 3360T PERU R Huamco: 0436 SP, good sig, huayno mx w/many mentions of "Huamco" and ID on 1/2 hour; M DJ (Meyer-PERU 6/3)
- 3365 BRAZIL R Cultura: 0051 PT soccer play-by-play, ID (Lobdell 7/5)
- 3366 GHANA GBC: Accra-2/0555 EG, tlks by M&W, mx (Saylor 6/18) 2209 EG dual 4980(Padula)
- 3375 ANGOLA RN: PT tlks 2140 (Padula 6/1)
- 3385 NEW BRITAIN R East New Britain: 1000 Pidgin w/armts, choral mx(Moore(TENT) 0935 Pidgin M DJ w/island vocals, ads, CW mx (DW Johnson 6/9) Rabaul w/ steel guitar and orch mx; 1132 QRM w/Kupang and Miri (Poppin 6/11) I'll take Kupang QRM any time..IR 0940 (Klein 6/17)
- *3385T PERU Rdif del Centro: 0333 SP, huayno mx w/some lcl notes, good sig, some QRM in fm Radio Zaracay; ID (Meyer-PERU)
- 3396 ZIMBABWE-RHODESIA: 0400-0430 EG, golden oldies and pops, ads, TCs(Saylor) Any mention of Zimbabwe-Rhodesia on air??ID
- 3396 NIGERIA Kaduna(NBC): Audible again for our winter, lcl songs after RBC*(Padula)
- *3552 PERU R Difusora La Convencion: 0152 SP, many ads easily Identifying"Quillabamba" lcl mx, good sig w/some QRM, few IDs (Meyer-PERU 6/2)
- 3840 PIRATE: R High Seas International 0447-0459* EG Ancr "This is the International broadcast of Radio High Seas Int'l..." "From the free zone in America, this is Radio High Seas Int'l, the Shortwave Voice of the Atlantic..."(Cartwright 7/8)
- 3875 UNID PIRATE: 0610 usual non-stop rock mx, fair among AROs (Saylor 6/24)(Valko 7/8)
- 3905 ADMIRALTY IS R Manus: 1035 Pidgin, W DJ w/pop vocal mx, ment of PNG, TC @1201, CW mx (DW Johnson) 0830(Saylor)0900(Moore) 1020 ID (Klein 6/17)
- 3925 PAPUA NEW GUINEA NBC: 0940 EG, M w/TCs, ads, pop //4890 (DW Johnson)1025(Klein)
- 3935 JAVA RRI Semarang: 1158 IN, M vocal mx, M&W ancrs, SCI @1159, Mw/ID 1200(DW Johnson)
- 3955 SOUTH AFRICA SABC: 0510 AK, M in tlk, fair w/AROs (DW Johnson) 0510 AK tlks by M w/ID (Saylor 7/6)
- 3960 SULAWESI RRI Palu: M vocal, 1127 steel-drum-like chime, ment "Radio Indonesia.." (Poppin 6/16)
- 3970 JAPAN NHK: 1155 JP, M in tlk, Fair-weak (DW Johnson 6/9)
- 3995 KALIMANTAN RRI Pontianak: 1307 M w/mx ref to Jakarta, Malaysia, America; 1309 band mx, quick version NA, ID "Radio Indonesia Pontianak" fol by short guitar mx, electric organ, second mention Pontianak (Poppin 6/24)
- 4049 USSR Yuzhno-Sakhalinsk: 1134 in radio play; 1145 Moscow TC(Poppin 6/16) on LSB
- 4485 USSR Petropavlovsk: Appeared to be same Hayak pgm as 4049 w/classical piano solo Chopin; 1158 Moscow ID, TC, USSR wx;cmty on SALT Summit (Poppin 6/16) I think that the Bashkir listing for 4485 last month was more likely Petropavlovsk, rptd by Oakley....my error in letting this one by...DR
- 4696a BOLIVIA R Riberalta: SP, mix of traditional Bolivian and standard LA mx; Tent "Riberalta" ID 0430 (Stover 6/24)
- 4699.3T JAVA RKTIP Surabaya: 1120 IN, lcl vocal mx, M ancr w/poss ID @1130 (DW Johnson) 1320-1336 w/vocalists and flute accomp (Poppin 6/24)
- 4740 UNID: 0255-0207 IS played on trumpet, then tlk in unknown lang(Valko 7/3) I've also noted this...there are a few of these all over the bands...DR
- 4750 CAMEROON R Bertoua: 0516 M in tlk(poss EG)(Cartwright 7/8) 0505 FR/drums and M ancr (Moore 7/5) 0515-0530 EG/Vern/FR ID w/mx and mx (Gregory 6/16)
- 4755 NIGERIA Imo Broadcasting Service: QSL letter just in fm Chief Eng says power is 100 kW and they are having technical difficulties(Lobdell) 2300* (Cucura 6/6) Not noted in a while on 4755...DR 100 kW quite powerful for regional xmr...DR
- 4755 COLOMBIA Em Nuevo Mundo: 0405 SP, US pop, LA mx, IDs (Jordan 6/15) 0536(Meyer)
- *4756 BOLIVIA Radioemisora Bolivia: 0900s/on fanfare mx and tlks in Quechua(Bloch) Political nx reports 1025-1030;beautiful clear ID 1031 w/calls, then roosters crowing;Colombia not on this night; rare here (Padula 6/6)
- 4767 ECUADOR C.R.E. : *1027 SP, ads and anmts, "Informative Avion"(Meyer-PERU) 1030-tlks and lcl messages(Padula 6/6) 0433* apparent world nx by M; ID as "C.R.E." then "desde Guayaquil, Ecuador..." SP pops (Cunningham 7/7)
- 4770 LIBERIA ELWA: 0620 EG tlks (Klein 6/7) 0613 rel pm (Cucura 6/7) VOA EG nx 2210 (Padula 6/5)
- 4770 VENEZUELA R Bolivar: 1028 ID during tlk pgm (Padula) 0057-0112 SP, LA mx, ads, poor modulation (Halsema 7/7) 0521 IDs(Meyer-PERU) 0259 IDs, mx(Valko)0048(Cucura)
- 4780 VENEZUELA LV de Carabobo: 0305 SP, M ID (Moore 6/15) *0957(Padula)0040(Tannenwald)
- 4785T TANZANIA RT: 0341 folk mx, Swahili tlk by M, fade by 0400 (Lobdell 7/7)
- 4785 COLOMBIA Ecos del Combeima: 0631 excited ancr (Padula 6/14)0540 w/M ancr hosting mx pgm of romantic ballads (Jordan 6/10) 0540 SP, LA mx, IDs; 2nd Harmonic also noted (9570)(Buer 6/10) You noted the harmonic in middle of 31 meters?DR...not bad!
- 4790 PERU R Atlántids: SP, vocal Andean mx, fast-paced M ancr w/ID 0318(Stover) 0337 SP, a few IDs, M DJ celebrating some kind of anniversary (Meyer-PERU 6/3) 0519-0556 vocal mx, 0556* (Cartwright 7/7) Andean melodies 1017 (Padula 6/13)0215(Klein)
- 4795 BRAZIL UNID: 0857s/on w/muffled freqs anncd (Padula 6/6) 4797 Tabajara??ID listed s/on 0730....otherwise some other Brazilian stn.
- 4797 BOLIVIA R Nueva America: 0430-0500 w/Bolivian election results, Cochabamba results 0455, ID 0458(Bloch) 0204 w/het fm Lara, IDs, ads 0200(Meyer-PERU)

- 4800 USSR Yakutsk Yakut Auton SSR: This freq a rare catch for me; 1208 Mayak RS lang vx rptd by M&W; 1215 unusual piano chime, balalaika orch mx (Poppin 6/16)
- 4800 VENEZUELA R Lara: 0345-0357* SP guitar & piano mx, 0355 ID, closing amt(Clifford)
- 4800H CUBA R Reloj, Santiago: 0945 SP, M&W w/rx, TC, pips, 4 x 1200 (Klein 6/10)
- 4807 SAO TOME R Nacional: 0540 PT, African tunes, drums, tlk in PT(Saylor) 2155(Padula) 0603 PT, very weak in PT, (Klein 6/7)
- *4808T BOLIVIA R Frontera: 1038 SP, good sigs with some QRM, few IDs, Latin pop mx w/ much tlk by H; anyone know the address? (Meyer-PERU 6/6)
- 4810 ECUADOR LV de Galapagos: 0300-0340 SP, EZ mx, Latin ballads, sea and surf sounds, ID by M 0330. Fair/good (Cunningham 6/9) Id/NA at s/off 0405(Ottawa) 0149(Meyer)
- 4815 UPPER VOLTA Ouagadougou: 0557 FR M anc giving 1cl rx headlines, sev mentions of Ouagadougou, ID on hr (Klein) 2147 FR speech(Padula 6/8) *0555 FR tlks (Saylor)
- 4825 MALI Bamako: 0610 FR chanting/singing w/drums, M anc (Klein 6/15) *0600(Saylor)
- 4825 USSR Yakutsk: 1159 M mentions "Moskvo" short R Moscow chime to 1200 (Poppin 6/26)
- 4825 BRAZIL R Educadora Braganca: 0001 full PT ID by M anc, light mx (Lobdell 7/9)
- 4825 GUATEMALA R Mam: 0100 SP, M anc with ID, marimba (Klein 6/15) 0203 marimba(Cartwright)
- 4832 COSTA RICA R Reloj: 0100 SP, w/1cl mx tlk on Sandinistas(Davenport) 0520 w/two minute tape of R Sandino, then ID and cnty on Nicaragua(Cunningham 6/23) 0520 "Radio Sandino" IDs, pol tlk by M&W; one half hour pgm interspersed w/machine gun fire (Saylor 6/8) Noted 6/26 0630 w/their own R Sandino pgm; is completely different fm any Sandino I've hrd as is full of IDs for Sandino and TCs; 6006 was not on; this Radio Sandino is obviously a 1cl production of R Reloj(or someone else)(Hywarren) 0120 (Halseth 7/7) 0300(Goebel) 0303(Valko) 0230(Brouillette) 0610 (Byron)
- 4835 SARAWAK RM Kuching: 2202 Malay tlks, different pgs to 5030, Koran 2203(Padula)
- 4835 BRAZIL R Mac Boa Vista: PT ID 0955, badly adjusted xmtr, bad audio(Padula)
- 4835 SOUTH AFRICA SABC: 0431 EG tlks, ID, wx rpt(Kissane) 0400-0500(Klein, Valko, Johnson)
- 4843T CONGO Pt Noire: TENT 0532 FR, African-style mx, FR tlk (Cartwright 7/7)
- 4845 BOLIVIA R Fides: 0028-0041 SP, rx, ads, M IDs; excellent; guess decided to stay on after Easter (Krueger 6/5) 1002s/on after open carrier fm 0950; ads, flute mx, aneg "....Bolivia libre..." then full ID 1005 as "Radio Fides, La Paz, Bolivia, obliterating co-channel Kuala Lumpur; first time ever hrd here!(Padula 6/7) 0131 w/instr mx, 4-note jingle followed by ID(Cartwright) 1012(Meyer-PERU) 0020(Klein)
- 4845 MAURITANIA Nouakchott: Arabic tlks 2231, our mornings here(Padula 6/1) FR in 1cl mx and chants 0615 (Alexander 7/6)
- 4851 ECUADOR R Luz y Vida: 1002 SP, ID, long string coms, HC mx 1009(Jones 6/13) 1009 w/mx pgm and IDs (Meyer-PERU) 1010 LA pops, TENT (Klein)
- 4855T BRAZIL RC Para: 1cl ads in PT 0843 (Padula 6/8)
- 4860 PERU R Chinchaycocha: 0430-0446 SP/Quechua, M with ID, huaynos, ads(Krueger 7/2) 0625 SP ballads, M anc w/"Chinchaycocha", 1cl flute mx (Klein 6/7) If you hrd an ID Stu then you got'em; if not then it's TENT....don't know if they were on late this PM...IR
- 4865 COLOMBIA LV de Cinaruco: 0115 SP vocals, anmts and IDs (Tannenwald)
- 4870 BENIN LVR: 2245-2301* FR, NA (Alexander) 0500-0635(Johnson, Klein, Cucura)
- 4870 ECUADOR R Rio Amazonas: *1031 w/full NA, M anc in Indian s/on anmt (Klein 6/17)
- 4875 COLOMBIA LV del Norte: 0939 SP, ID, calls, freqs, roosters, "Amanecer campesino" (Jones) 0455* ID LV del Norte de Cucuta" (Klein) 0900 TENT (Davenport 6/6)
- 4880 SOUTH AFRICA SABC: 0435 AK, EZ mx, time pips 0500(Johnson 6/27) 0425 AK(Clifford) *0430 AK, dove call, NA, prayer, mx pgm (Saylor)
- 4885 ANTIGUA/DW RELAY: 0135 EG, M anc w/EG DW pgm on SSB (Klein 6/19)
- 4885 COLOMBIA Ondas del Meta: *1000 NA, calls, ID (Padula 6/7) 0415 (Klein)
- 4890 PAPUA NEW GUINEA NBC: 0800-1333 EG, radio play, IDs, mx, ads for Remington & Fiat; (DW Johnson, Halseth, Cliksmen, Brouillette, Kissane)
- 4890 SENEGAL Dakar: *0600-0640 FR chants, instr mx (Cucura, Alexander, Padula, Klein)
- 4890T HONDURAS R Lux: 0130 SP, M anc w/TC, ID, commercials, SP pop mx, (Klein 6/19)
- 4895 PERU R Chanchamayo: 1050 SP, good sig, huayno mx w/DW, few IDs (Meyer-peru)

That's it for August.....I'd like to bid a fond farewell to Tom Gavaras. He has been doing quite a job these past years and I wish him luck in his academic work. Watch those IDs folks.....had a couple of reports for Mauritius this time around, obviously in error. Remember, if you don't hear an ID (not just a mention of a city name) mark the item tentative. That makes it easier for me when I'm trying to list the item.

73ssssssssssssDAN

log report *section*

4900-6199

STEVEN WISEBLOOD

B

- 4900 VENEZUELA R. Juventud: 0100-0305 SP anmts, ads, U.S. rock mx, Full ID & TC @ 0300, Interview on elementary education in Venez. (Brouillette, Gregory, Tannenwald, Halsema)
- 4905 BRAZIL R. Relogio: 0055 PT talk, time pips every minute, Good (Tannenwald)
- 4910 GUINEA RN-Conakry: f/in @ 2200, audible again for our winter w/FR tlks (Padula-AUS): 0630-0655 Continuous hollow log drum w/chanting & lcl mx, ID by M (Cucura, Klein).
- 4910 ECUADOR Em. Gran Colombia: 0440 M ancw w/bad mike, EZ lcl mx, ads, TC's (Klein, 6/14)
- 4915 GHANA GBC Accra: 0540-0616 EG ID, tlk by M in lang, EG nx @ 0600 (Klein, Gregory).
- 4915 BRAZIL R. Nacional Macapa: 0155 lite pop-Mor mx, tlk by M in PT (Crawford, 6/20)
- 4915 KENYA VOK: *0258-0330 brief IS w/fast flute, choral opening, into Swahili tlk & mx. local folk mx, //4934. Very low modulation! (Crawford 6/20, Krueger, Lobdell-MA 7/7)
- 4920 ECUADOR R. Quito: 0100-0500* LA pop mx, many ads, "La Voz de la Capital" ID's, SP tlk, station jingles, TC's, Good (Baur Huber, Meyer-Peru, Kelly, Klein, Tannenwald).
- 4920 AUSTRALIA ABC Brisbane: 1203-1209 M in EG w/nx. Good (Poppin 6/26). (Padula-AUS 6-1/4927
- 4927 INDONESIA RRI Jambi: s/on w/bird calls 2228, lcl ID & theme mx, s/on time varies/
- 4932 NIGERIA Benin City: 2256-2303 EZ mx & pop mx, ID in EG on the hour. QRM (Valko 7/11)
- 4934 BRAZIL VOK: 0301-0350 tlk by M in Swahili, not as strong as 4915 (Lobdell-MA, Moore).
- 4938 BOLIVIA R. Norte: 0433 Pop mx w/calls from a mobile van, complete ID's (Meyer=PERU).
- 4940 VENEZUELA R. Yaracuy: 0400 tlk in SP, ID, LA mx, NA 0403* (Goebel 6/25).
- 4940 IVORY COAST RTVI: *0600 march mx, ID's in FR, upbeat Afro mx, FR nx (Saylor, Klein).
- 4943 VIETNAM Hanoi HS: EG language lessons @ 2130, into FR lang lesson @ 2145, continues in VT 2200+, unheard previously at this time during our lcl winters (Padula-AUS 6/10)
- 4945 COLOMBIA R. Colosal: 0530 M ancw w/frequent ID's, fast LA mx. Good (Gregory 7/7). 0955 Variety mx w/several ID's. Good w/no QRM (Meyer=PERU 5/30)
- 4960 ECUADOR R. Federacion: 0110-0210 Ecuadorian & EZ listening mx, tlk by M in SP, ID, Andean style mx. Heavy UTE QRM (Klein 6/6, Alexabder 6/15).
- 4965 COLOMBIA R. Sta. Fe: 0500-0508 M ancw w/many ID's, LA pop mx, SP ads (Gregory, Meyer).
- 4970 SABAH RM-Kota Kinabalu: 1317-1331 vocal mx, W ancw w/mention of KK, nx (Poppin 6/13)
- 4970 VENEZUELA R. Rumbos: 0315-0400 LA mx, "Noti-Rumbos" nx in SP w/chimes between stories, M in SP w/tlk (Clifford, Meyer=PERU, Goebel, Bauernhuber).
- 4972 CAMEROUN Yaounde: 2200-2206 interesting roundup of EG nx, then FR ID & s/off w/anthem, The English segment is unlisted in the WRVH 1979 (Padula-AUS 6/13)
- 4975 BRAZIL R. Timbira: Very rare, M in PT w/calls & freqs. @ 2128, into fast mx 2130-2145. Via the South Polar path, one of two Brazilians audible this morning (the other being Brasil Central-4985). Typical midwinter propagation (Padula-AUS 6/7).
- 4975 COLOMBIA Ondas del Orteguaza: 1016 LA mx, ads, ID's w/"Todelar". G (Meyer=PERU).
- 4980 GHANA Ejura: EG svce w/religious pgm @ 2145, ID @ 2147, first time noted during 1979, holding up well during June, to 2305* (Padula-AUS 6/1+)
- 4980 VENEZUELA R. Ecos del Torbes: 0947-1005 LA mx, SP anmts; TC's, ads (Meyer, Tannenwald)
- 4980 ECUADOR Ondas Azuayas: 0402-0452 SP ballads, ID by M, SP ads to 0458* (Moore, Meyer-P)
- 4985 BRAZIL R. Brasil Central: Audible again for our lcl mornings, PT ads 2125, lcl mx, vocals to 2150. Later blocked by Penang. Also audible in our evenings w/ fade-in @ 0704, slow ballads (Padula-AUS 6/3). 2323-2339 tlk by M&W in PT, ID's & Brazilian music. Strongest signal on 60-meters besides TOGO! (Valko 6/27, Cucura 6/24).
- 4996 PERU R. Andina: 0135-0703* Andean mx, ID's, M ancw in SP. S/off time varies lately, Usually at 0602*, sometimes on late past 0700. Several ID's (Padula-AUS, Klein, Cartwright). 1005-1100 Slow peruvian & huayno mx, ID's & SP tlk (Meyer=PERU, Valko).
- 5000 U.S.A. WWV: M ancw w/EG ID @ 0040, QRM from ZUO & MSF (Valko 7/8).
- 5000 GREAT BRITAIN MSF: 0220 ID's in CW twice just before 0220, u/WWV (Cunningham 6/9).
- 5006 BOLIVIA R. Universo: 0244 SP spot w/political propaganda, ID's, EZ mx (Meyer=PERU).
- 5010 PERU R. Eco: 0410 LA pop mx w/M ancw. Good signal w/many ID's (Meyer=PERU). *1002-1010 Instrumental NA, w/many ID's over lcl/Indian songs, Excellent (Krueger-6/28)
- 5015 ASIATIC RFSSR Vladivostok: 1210 nx in RS by M&W, stories about the orbiting Sputnik, sports nx mentions contests in Poland/Bulgaria/Moscow USSR, wx (28 degrees in Moscow, thats CELCIUS!), TC for Moscow, accordion folk mx, tlk by correspondent (Poppin 6/26)
- 5020 SOLOMON ISLANDS SIBC: 0930-1052 Pop vocal & Disco mx, M ancw in EG, ID & lcl nx, pretty good thru the QRM! (Klein, DW Johnson).
- 5025 ECUADOR R. Dif. Splendit: 0445-0502 ID's, lcl mx, Excellent! (Krueger 6/11)
- 5025 PERU R. Quillabamba: 0107 "Tropical" pgm w/greetings, ID's & lcl mx (Meyer=PERU).
- 5025 BRAZIL R. Borborema: 0105-0300 PT tlk, lite mx, ads & ID (Valko, Moore). *0840 Calls, freqs, TC's, ID's, ads, pop Brazilian mx, f/out 0915 in AUS (Padula-AUS, Klein)
- 5030 SARAWAK RM-Kuching: *2200 Malay pgm, preview (Padula-AUS 6/13).
- 5030 VENEZUELA R. Reloj Continente: 0140-0445 M ancw in SP w/ID's, LA mx, lottery pgm,

- 5030 VENEZUELA R. Reloj Continente: Continued from previous page (Gregory,Halsema,Meyer).
- 5035 BRAZIL R. Aparecida: 0233 EG rock mx, lite PT mx, ID by M in PT @ 0251 (Lobdell-MA).
- 5035 COLOMBIA LV del Caqueta: 0715 M ancr in SP, typical LA mx. Fair (Klein-FL 6/11).
- 5040 PERU R. Libertad de Junin: 0112 "Peru, Pais Tropical" pgm, ads & lcl mx (Meyer-PERU)
- 5040 BURMA Rangoon: 1030 now back here for evening pgms, w/Burmese tlk & mx (Padula-AUS).
- 5041**ANGOLA Emissora Regional do Benguela: Noted here @ 2201 after Omdurman s/off, relay of PT nx from Luanda, into lcl pgm 2215. //7245. Heard on 6/12 to 2250 f/out. Seems that all the regional outlets take the 2200-2215 nx from Luanda, the "Cue" for reverting to regional pgms are the gongs from Luanda @ 2215 (Padula-AUS) Good Show!-SW
- 5045 BRAZIL R. Cultura do Para: 0146-0300 M in PT w/tlk & full ID @ 0300 (Valko, Halsema).
- 5047 TOGO RD: 2248 segment of Indian style mx, FR anmts 2250-2300+ (Padula-AUS). *0500-0558 S/on w/W in FR, ID, choral mx, nx by M, lcl chanting to 0600 (Klein-FL,DW Johnson)
- 5050 PERU R. Loreto: 0616-0650* on late w/ID, call signs, S/off anmts in SP (Saylor,Padula)
- 5052 SINGAPORE RS: 1334-1336 W in EG ending nx w/ID. Very good signals (Poppin-CA 6/13).
- 5055 COSTA RICA TIPC: 0340-0358* EG religious pgm, s/off anmts w/ID & NA (Saylor 6/8).
- 5060 ECUADOR Sistema de Emisoras Progreso: 0056 lcl mx to 0100, then SP pol. pgm (Meyer-P).
- 5060**ANGOLA Emisora Regional do Huambo: 2155 lcl pgm, PT nx from Luanda 2200-2215, then back into own lcl pgm audible to 2245 (Padula 6/12).
- 5075 COLOMBIA R. Sutatenza: 0030 SP nx, anmts, LA mx & ID (Tannenwald). 1004-1020 LA mx, TC's, SP pgm on nutrition. Fair (Halsema-PA, Meyer-PERU).
- 5095 COLOMBIA R. Sutatenza: 0152-0345 SP ballad mx, beer ads, SP nx (Halsema,Bauern Huber)
- 5585 BOLIVIA R. Machupo: 0025-0140 TC @ 0100, ID, SP nx, record dedication pgm w/Colombian style mx. (Bloch 6/25 & 26). Presumably down from 5660? -Scw
- 5900 CHINA PFBS-1: Oriental orchestral mx 1340-1345. Fair-Good (Wiseblood 7/21).
- 5915 USSR (European RSPSR): 0110-0130 M in SP speaking to an audience, cheering & hand clapping heard throughout the speech. Mention of Cuba, Moscow ID. Good (Jordan 6/7).
- 5930 CZECHOSLOVAKIA R. Prague: 0135-0150 EG discussion on "Health & Medicine", M&W in EG reading reception reports, U.S. pop mx. Good (Jordan 6/7).
- 5934v COLOMBIA R. Nacional de Colombia: 0258-0305 LA ballads, single chime @ 0300 w/full ID in SP, into semi-classical operatic mx sung by W. Poor-Fair. Ex-5950 (Wiseblood 7/20).
- 5935 TIBET Lhasa: 1238 R. Peking First pgm heard here w/CH vocal mx (DW Johnson 6/9).
- 5950 CHINA RP-1: 1340 Operatic style oriental mx sung by W, W ancr in CH. Good (Wiseblood)
- 5950 USSR (European RSPSR): *2330 Radiostansya Rodina in RS w/organ IS, ID's (Saylor 6/25)
- 5950 PERU R. Nueva Arequipa: 0223 Huayno mx, SP humor pgm, several ID's (Meyer-PERU).
- 5950 GUYANA GEC-Action Radio: 0239-0245 Jazz mx w/anncrs Joking around. Good (Valko 7/7).
- 5950 COLOMBIA Rdf Nacional de Colombia: 0211 Tlk by M in SP, ID's, Clscl mx (Valko 7/10)
- 5954 COSTA RICA R. Casino: 0510 comedy record, into EG tlk by W. P-F. (Shaffer 6/11).
- 5955 COLOMBIA LV de los Centauros: 0930 probably an s/on w/NA, EZ mx to 0935 then M ancr w/full ID & call signs, powers, etc.. Very Good (Klein 6/11).
- 5955 BRAZIL R. Gazeta-Sao Paulo: PT nx @ 2110, continued to 2130 when blocked by R.Liberty & Jammers s/on cochannel. Interesting morning propagation via the south polar path, Noted only in our midwinter. (Padula-AUS 6/1).
- 5955 UNID La Voz de los Central: lively LA mx w/ID's, "Coke" ads, freqs given (Valko 7/7).
- 5955**NICARAGUA R. Esteli: 0702-0720 ardent tlk in SP, anti-Somoza (Bloch 7/1). I heard an open carrier on this freq. at around 0300 w/very strong signals! (Wiseblood 7/20)
- 5960 CANADA RCI: 2350-0000 heard the conclusion of a science fiction pgm from the BBC called "X Minus 1" ID by M. Excellent //9755 (Jordan 7/3). 0235 SP nx (Meyer-PERU). 0400 tlk about the new Canadian Prime Ministers' cabinet selection (Byron-NY).
- 5965 BRAZIL R. Guaiaba: *0900 s/on w/PT tlk by M, ID's, pgm of lite Jazz mx. Good (Klein-FL)
- 5965 NIGERIA Jos: 2220 EG tlk on Nigerians music history, folk mx, ID by W, nx 2300, on past usual 2306*. Poor w/Guaiaba QRM (Lobdell-MA 7/7). 0458-0530 EG nx ans anmts until 0520, then tlk in Verniculars until 0527. Back to EG w/TC, ID & U.S. Soul mx. CW QRM. (Cartwright-PA, Valko, Pappas 6/29).
- 5970 PERU R. El Sol: 0428 Peruvian pop mx, few ID's, ads on the half hour (Meyer-PERU). *1033 S/on mid-pgm, Peruvian campo mx, M ancr in SP, ad strings (Klein-FL, Jones-MS).
- 5975 GREAT BRITAIN BBC: 0041 EG tlk about Astronomy //9510, slight hum here (Valko 6/29).
- 5980 PERU R. Panamericana: 0118-0630+ U.S. pop & disco mx, ads w/echo effects, W in SP w/ID's, M ancr in SP (Jordan, Meyer-FERU). 1036 occasional ID's by W between mx(Jones-MS)
- 5980 SOUTH AFRICA R. RSA: Tuning signal 0256, into EG for East Afr, f/out @ 0315. Good midday midwinter reception for DX here on 6/15 (Padula-AUS). 0410 Economic nx(Saylor)
- 5990 USSR (Asiatic RSPSR) Khabarovsk: 1340 MAYAK semi-clsl mx //5970. Good (Wiseblood 7/21)
- 5995 AUSTRALIA RA: 1004-1016 EG pgms. Fair (JJ Halsema-PA 7/7).
- 5995 MALI Rdf Nat. du Mali: 2350-0000* pop afro mx, M ancr in FR, NA @ s/off (J Fisher-MA)
- 6000 BRAZIL R. Inconfidencia: Interesting and unusual morning DX via the long path, 2253 "A Voz do Brazil" relay, after Singapore co-channel f/out (Padula 6/12).
- 6000 PERU R. Melodia: 0124 many ID's, superfast tlk by M ancr in SP, pop mx (Meyer-PERU).
- 6005 CANADA CFCX: 2249-2255 Pop & Rock mx, ID by M. Poor (Valko 7/2). 1530 EG nx(Weinhold)
- 6006 COSTA RICA R. Reloj: Playing a tape @ 0535 on 6/17 of the R. Sandino proclamation of revolutionary government which I had just heard from R. Sandino itself. At 0537 THB gave a TC for 11 37 confirming reports that C.R. has gone back to CST (Hauser-TN) 0625 M in SP w/Latin American nx, stn promo (Jordan 6/24). 0949 LA mx, ID's(Meyer-PERU)

- 6010 PERU R. America: 0109 Excellent signal w/nx alternately read by M&W w/several reports from various correspondents, ID at the end of nx (Meyer-PERU).
- 6020 PERU R. Victoria: 0414 Peruvian mx w/ M ancr in SP, several ID's (Meyer-PERU).
- 6025 NIGERIA Enugu: 2259 wild tribal rhythms, into EG nx relay from Lagos to 2210*(Padula)
- 6025 PORTUGAL RP: 0510 EG nx. lcl mx, //11935 better (Saylor 6/13).
- 6030 PERU R. Victoria: OFF FREQUENCY, I called them up & they said that they were tuning the xmtr, LA pop mx w/several ID's (Meyer-PERU).
- 6034 BOLIVIA R. Panamericana: 0030-0158* though s/off time varies considerably, LA & lcl mx, SP ads, gave phone # in La Paz, SP soccer game w/Paraguay, gave full ID right before sudden s/off (Meyer-PERU, Lobdell-MA, Klein-FL, Hywarren-Manitoba).
- 6035 BRAZIL R. Globo: 0852 ID, PT ads & Braz. pop mx (Jones-MS 6/17).
- 6035 PERU R. Lands: 0159 Poor sig. but improving after Bolivia's s/off, ID's (Meyer-PERU)
- 6040 GERMAN DEMOCRATIC REPUBLIC RFI: 2301 w/IS exactly the same as for R. Portugal!, into PT pgms. Excellent! (Crawford 6/16).
- 6045 COLOMBIA R. Melodia: 0530-0945 LA mx, SP ballads, ID's between each song (7 reporters)
- 6045 AUSTRALIA RA: 0945 "Countdown" pgm w/Jill Williams. Good w/QRM, ID's (Meyer-PERU)
- 6050 NIGERIA Ibadan: 0515-0531 EG nx relay from Lagos, into lcl pgm (Cartwright, Meyer).
- 6050 ECUADOR HCJB: 2238 Interesting & rare LP reception, SP pgm to f/out 2300 (Padula-AUS)
- 6055** PERU R. Continental, Arequipa: 0541-0603 special pgm on Elvis, ads (Meyer, Padula-AUS)
- 6060 ARGENTINA R. Nacional: 2300 ID, dominant o/Habana cochannel. On 6/13 followed right through our local noon with an eventual f/out @ 0300. Via the South polar route (Padula-AUS). 1000-1015 ID by M, SP nx, EZ listening mx & vocals (Krueger, Klein).
- 6070 CANADA CFPX Toronto: 1224-2129 EG ads, wx & ID (Cucura). 1520 nx & mx (Weinhold).
- 6075 COLOMBIA R. Sutatenza: 1050 M ancr in SP w/ ID, stn info, ads, LA pops (Klein-FL).
- 6080 CANADA CFPX-Vancouver: 0800-0907 C&W mx, EG nx on the hour (Monaco, Gregory, Brouill)
- 6090 NIGERIA JaJa: 2250-2318* EG nx, Koran readings, NA (Valko, Paula-AUSTRALIA)..(ette
- 6090 AUSTRALIA ABC-Sydney: 0930-0957 M in EG w/sermon, ID, EZ mx pgm (Moore, Klein-FL).
- 6094 BOLIVIA R. Stentor: 1015-1026 sikuris (panpipe) mx, M in SP & lcl lang (Krueger).
- 6095 BRAZIL Rdf Nacional Sao Paulo: 0849 M ancr in PT, Brazilian ballads (Moore 6/16).
- 6100 MALAYSIA Kuala Lumpur-PS: *2200 w/Koran readings @ 2210, //6175, this is the Indonesian service unlisted in the WRTVH-79, not new, though (Padula-AUSTRALIA 6/14).
- 6105 NEW ZEALAND RNZ: 1025-1030 2 M in EG w/economic discussion, TC & ID (Jordan 6/28).
- 6105 MEXICO Tus Panteras Juveniles-XEQM: 2200 M ancr w/ID, ad string, pop mx (Klein-FL).
- 6115 COLOMBIA LV de Llano: 0529-1015 futbol promo, ID's & LA pop mx (Tannenwald, Meyer).
- 6115 PERU R. Union: 0404 Peruvian pop mx w/several ID's, Excellent signal (Meyer-PERU).
- 6120 ARGENTINA R. El Mundo: 0536 TC in SP, very early reception (Padula-AUS). 0855 M ancr in SP, time pips @ 0900, ID, nx & lottery ad (Moore 6/16).
- 6120 VENEZUELA R. Angostura: 1005-1015 M in SP w/amnts, mentions of Venez. (Jordan 6/28).
- 6130** CANADA CHXK Halifax: Extremely rare, Via LP, roundup of EG nx @ 2306 after Ghana s/off. Only possible via LP in our midwinter. Usual propagation via SP in our evenings now blocked by HCJB cochannel (Padula-AUS 6/14). 1715 ads, ID (Cucura 6/7).
- 6135 BRAZIL R. Gaucha: 0935-0952 lite instrumental mx, PT amnts, LA nx (Jordan 6/28).
- 6135 TAHITI RT: 0440 M in TT w/talk. Fair-Good (DW Johnson 6/14).
- 6135 CHILE R. Univ de Concepcion: *1100 IS, ID's by M, then by W in EG, SP tlk (Hensley-TX)
- 6140 AUSTRALIA ABC-Perth: 1040-1410 M ancr in EG w/sports summary, nx (Kissane, Jordan).
- 6145 FEDERAL REPUBLIC OF GERMANY DW: 2300-0030 now noted w/SP here, GM on 6075 (Padula-AUS)
- 6150** ANGOLA site?: PT amnts 2215-2300*, interesting LP DX, Chile cochannel QRM (Padula-AUS)
- 6150 CHILE R. Nacional: 2240 f/in w/lcl SP pgm. Via the deep-south polar path on 14-15 June right through our late morning, noon, until 0400 -2pm our time! (Padula-AUS).
- 6150 COLOMBIA La Voz del Huila: 0327 SP amnts, ID & LA mx (Gregory). 0830 ID's (Jordan).
- 6150 AUSTRALIA ABC-Lyndhurst: 0925-1045 EG nx on the hour, ancient mx (Halsema, Clifford).
- 6155 PORTUGAL RP: 2305 nx roundup, PT to the Azores. Rarely heard here! (Padula-AUS).
- 6155 URUGUAY R Carve: *0829-0930+ ID by M, pgm sked, lcl SP nx pgm w/reports from the correspondents. (Padula-AUS, Klein, Jones-MS, Lobdell-MA, Krueger, Moore, Meyer-PERU)
- 6160t ALGERIA RTVA: 0605-0615 M w/prayer type chants in AR, brief bit of Middle-East exotic mx then lengthy tlk by-M in AR. P-or w/heavy QRM (Jordan).
- 6160 CANADA CKZU-Vancouver: 0450-0805* "CBC radio" ID, NA & GSTQ @ s/off (5 reporters).
- 6160 CANADA CKZN-St. John's: 0300-0410* EG nx, rock mx, ID, wx (Jordan, Monaco). 0829-0900 ID, EZ listening mx, program schedule (Gliksmn, Moore, Gregory).
- 6170 COLOMBIA LV de la Selva: *0908-1025 ID & opening amnts, SP ads & LA mx (4 reporters)
- 6175 PERU R. Tawantinsuyo: 0350 good w/strong het w/many ID's, SP ads & huaynos (Meyer-PRU)
- 6180 VENEZUELA R. Turismo: *0955-1006 S/on ID's, ID, ads., LA mx (Tannenwald, Krueger).
- 6180 ARGENTINA RN-Mendoza: 0955-1001 2 M in SP w/long series of stn ID's, mx (Jordan).
- 6185** BRAZIL R. Bandeirantes: 2335 rare morning reception w/PT ads (Padula-AUS 6/12).
- 6185 IRIAN JAYA RRI-Manokwari: 1035 tlk by M in IN. P-G w/QRM (DW Johnson 6/16).
- 6190 CHILE RN:*1100 S/on ID, chimes, SP nx. Xlnt (Krueger, Klein).
- 6190 FED REP OF GERMANY SFB: 2255 clsel mx, in the clear w/Vatican OOB (Padula-AUS 6/15).
- 6190 VENEZUELA Ecos del Torbes: 1045-1052 LA mx, TC's & food chain ads (Halsema-PA7/7).
- 6190 FED REP OF GERMANY VOA-Munich: 2230* "This is the VOA signing off", IS (Valko 7/9).
- Stu Klein, your Korean UNID on 6165 is SOUTH KOREA, heard here//6015,6175 @ 1300. Tnx for the call, OM! Tentative heard here: LAOS 6130 & 6187 @ 1300 on 7/21, not // of course!

Steve

log report

section

6200-11699



TOM GAVARAS

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* I'm back again for another LR-C. This will probably be my last column as I believe that Mac has found a replacement. Thank you very much to those who sent in the kind comments after my announcement in last month's column. I sure am going to miss editing this column. Hopefully after I get my degree, I will once again have time to be actively involved with North America's number one DX magazine, NASWA. A big Thank You go to all who have contributed to my column during the last 3-4 years.

- 6419 BOOTLEG: USA KVHF; 0803-0915 English w/all types of music (Bad Company, Jan & Dean, Paul Simon, Theme from Sting, etc.) IDed at 0823 "This is KVHF, Music Radio." by man. Hard to dig out under CW. Please QSL! (Greg Ravenhorst, Box 203, Hollandale, Minnesota 56045 7/15). -Nice catch, Greg! (tgg)-
- 6939.2 BOOTLEG: MEXICO Radio Galaxy XEJRM; 0224-0303* English definitely claiming to be in Mexico or Mexico city. "Good evening, this is R. Galaxy. We are broadcasting to N. America in the 4mb. This is your announcer, J. B. Boss (?)." Long touristy talk on Mexico, mentioning dx club bulletins and claimed to be reading from them; mentioned Radio Liberation. Said to send reports to NASWA. Claimed that "we try to stay away from politics." Seemed to say xmtr was 250 or 350 watts but "we may increase in the future." Played rock/pop music. From 0302-0303 had something like an off-the-air tape in Spanish and English, sounding like Belize in the English part. Thanks to Paul Jordan who called me with tip on this. (Walcutt 7/11).
- 6986 BOOTLEG: USA (?) UNIDENTIFIED; 0154-0159* Spanish male announcer with impassioned "Cuba Libertad" speech. Strong but fuzzy audio (Novello 5/18).
- 7065 ALBANIA R. Tirana; 2222 English cmntry on China developments (Valko 7/5).
- 7110t ETHIOPIA VoRE; 0420 Amharic(?) chanting or music through heavy ARO QRM (Crawford 6/20).
- 7120 ALBANIA R. Tirana; 0130 English talk on Salt II (Kelly 6/20). *0230 English talk on communism (Hengley 6/12).
- 7140 MONACO TWR; *0445-0515* German program with good signals (Padula 5/31).
- 7145 POLAND Polish Radio; 2200-2230 Spanish program (Padula 6/1).
- 7160 SARAWAK R. Malaysia; 1110 English w/Stock Market report (D.W.Johnson 6/16).
- 7164 UNIDENTIFIED; 0250 Arabic chants, 0255 Possible ID then talk (Buer 6/14).
- 7170 NEW CALEDONIA R. Noumea; 0729 French ID, pop mx, bird calls, etc. (Cucura, Gliksmann).
- 7170 TURKEY VOT; 2232 English talk, etc./9515 & 11955 kHz (Cucura 6/7).
- 7210 SWITZERLAND RCBS; 0605 English talk about Red Cross (Cucura 6/25).
- 7215 ANGOLA R. Nacional; appeared here on the old R. Ecclesia frequency. Dual 7245, brilliant level 2346-0000* Portugese w/lively ballads (Padula 6/6).
- 7215 IVORY COAST RTVI; *0600 French ads for Nescafe, ID, pop mx, etc. (Padula 6/11, Saylor 6/26, D.W. Johnson 6/26, Krueger 6/27, Cucura 6/13).
- 7245 ANGOLA R. Nacional; Really excellent level to 0000* after Portugese ID & anthem. Full list of frequencies announced at s/off. Portugese news items. (Padula 6/13).
- 7255 NIGERIA VON (Lagos); *0430 IS, Drums, NA, English ID, sked, pop music, etc. (Hensley 6/29, Gliksmann 6/17, D.W. Johnson 6/29, Saylor 6/15, Jordan 7/4).
- 7255 ZAIRE La Voix du Zaire; here again w/French 2343-0100 (Padula 6/13).
- 7265 GERMANY (WEST) Sudwestfunk; 0121-0228 German talk & pop mx (Padula 6/14, Gliksmann 6/6)
- 7265nf INDIA AIR; *2300 with program in the Hindi language (Padula 6/3).
- 7270 SOUTH AFRICA RSA; *0430 Lozi w/IS, usual s/on and talk (D.W. Johnson 6/14).
- 7271 GABON hdf TV Gabon; *0600 religious chants, news or discussions by man with heavily accented French, local rhythms, then into Vernaculars. Poland QRM. (Padula 6/15).
- 7280 LIBERIA VOA; 0308 English program with HAM QRM. (Valko 6/16).
- 7300 ALBANIA R. Tirana; 0340 English news & cmntry (Bauernhuber 6/7).
- 7316.5 CLANDESTINE R. Sandino; 0341-0715* Spanish revolutionary fare, cmntry on Somoza, "viva revolution popular, viva Sandanistas," drums, machine gun sound effects, ID's, cmntry on proposed US peace force, etc. (Cunningham 6/23, Valko 7/11, Cucura 6/25, D.W. Johnson 6/26, Klein 6/6, Hywarren 6/26, Saylor 6/26, Crawford 6/18). After hearing that Somoza was planning to leave Nicaragua, kept radio on 7316.5 all evening. At *0500 s/on with Anthems, ID's, machine gun effects into Spanish announcement that Somoza was gone! Told army loyal to Somoza to lay down arms and that they would not be harmed. Many ID's and "Viva Sandanistas, Viva Nicaragua." Very excited announcers. Played a lot of music. Later in the hour, a RTTY transmitter creamed the signal where it was very hard to listen to. Otherwise, Very strong and no sign of the anti-Sandinista music jammer. (Gavaras 7/7).

- 7322.5 NICARAGUA: JAMMER; Continuous Spanish music 0450-0723+ with no ID's given. Occasional technical problems noted. (Hywarren 6/26, Saylor 6/26, Gavaras 7/10).
- 7335a NUMBER STATION; 0612 Spanish lady reading 5-digit number groups (Austin 6/26).
- 7345 CZECHOSLOVAKIA R. Prague; 0344 English reading letters (Baruernhuber 6/7).
- 7576 CLANDESTINE R. Sandino; 0615-0630* Spanish with usual Sandinista pgm. Believe this is not the original R. Sandino as the announcers are different from the R. Sandino I first heard on 6/11/78 on 7448. This frequency was not // to 7316 which was on at the same time. (Hywarren 6/26).
- 7585 NICARAGUA: JAMMER; 0432 no talk with all L.America music. Good level (Shaffer 6/17).
- 7588v CLANDESTINE R. Sandino; 0400-0545 Spanish speeches, powerful revolutionary talk, music, machine gun effects, etc. (Cunningham 6/9, Meyer 6/3, Shaffer 6/17-18, Crawford 6/18, Jordan 6/17, Saylor 6/8, Gregory 6/17).
- 7590v NICARAGUA: JAMMER; 0400 continuous Marimba mx breaking occasionally for pro-Somoza cmntry (same cmntry repeated each time). Sounds less professional than Sandino. Judging from the audio quality of the transmitter, it seems likely that it is one of the Tropical Radio & Telegraph utility units (either YNA3-7600, YNA7-7700 or YNA4-7790 kHz), rather than Raf Nacional tx formerly on 5950 (Crawford 6/18).
- 7698 BOOTLEG; UNIDENTIFIED; 0434 6/16 distorted signal here at first assumed the usual Somoza jammer, but a CHFI ID in passing after Jonny Mathis sounding vocal gone; soon gone and later relocated on 7627 (Hauser).
- 7700 NICARAGUA: JAMMER; 0600 All music (Spanish) format (Shaffer 7/1).
- 7702 CLANDESTINE; R. Sandino; 0520-0603 Usual Spanish Sandinista pgm (Alexander 7/4, Cunningham 6/9, Shaffer 7/1, NO NAME).
- 7715.0 UNIDENTIFIED; 0524 6/18 strong music not on here a few minutes earlier; really rapid Caribbean mx, almost as strong on the meter as Somoza station on 7588, but this sounds louder; 0529 went to OC. 0532 resume on 7713; 0534 off and on, jumping freq, to 7720, then off. Apparently trying unsuccessfully to find Sandino which this day had gone back to 7317 from previous days on 7702 (Hauser).
- 8639 GERMANY (WEST) DAM; 0505 German news, ID, mentions of W. Germany, etc. (Jordan 7/4).
- 9360 SPAIN SFR; 0344 Spanish news about Carter Tokyo conference (Bryan 6/28).
- 9440 CHINA R. Peking; 1125 Chinese talk and beautiful music (Saylor 7/2).
- 9475 EGYPT R. Cairo; 0217-0326 English with World nx, etc. (Dieckmann 6/3, Shaffer 6/30)
- 9480v COSTA RICA R. Noticia; 0050 Spanish test tape, guitar mx, etc. VG (Klein 6/14)
- 9500 ALBANIA R. Tirana; 0625 Spanish talk & International (Jkein 6/15).
- 9500 GERMANY (EAST) RBI; 0230 Spanish ID and programming (Valko 6/20).
- 9505 DOMINICAN REPUBLIC RTVD; "Onda Internacional" closing with NA 6/19 0226; not audible on 5970 or vicinity. Most other evenings checked, not audible on 9505 either. RTVD seems to have lost its motivation to begin a regular international service, with the resignation of Teo Veras (Hauser). 0209 SP ID & mentions of Nicaragua (Valko).
- 9505 JAPAN R. Japan; *1200 IS, ID into English news & features (Jordan 6/26, Yajko 6/27).
- 9515 GREECE VOG; 0020 EG News/9655, 11730 (Alexander 6/15). 0215 EG nx (Jordan, Klein).
- 9515 TURKEY VOT; 2135 English Spotlight on Turkey, News, pop mx (Fraser 6/17, Earhart 6/8, Slonka 6/9). *0355 IS noted under very powerful O.C. (Klein 6/7).
- 9520 PAPUA NEW GUINEA NBC; 0808 English ID, ads & tlk about marriages/4870 (Buer 6/30).
- 9520 SPAIN SFR; *0725 IS, Spanish ID and news to Australia (Klein 6/14).
- 9522 PERU R. La Cronica; 2343 Spanish ID, Ads for Coke & Banco Nacional (Krueger 6/6).
- 9525 KOREA (SOUTH) R. Korea; 1037 Spanish ID, News & talk/9580 (Buer 6/14).
- 9525 POLAND Polish Radio; 0200 English news on Pope's visit (Dieckmann, Valko, Klein).
- 9530 SPAIN RFE; 0027 Spanish ID and talk (Valko 7/2).
- 9535 ANGOLA R. Nacional; 2335-0002* Portugese ID and local pop (Krueger 6/10.)
- 9535 SWITZERLAND SRI; 0730 Italian ID announcements, and news (Klein 6/14).
- 9545 SOLOMON ISLANDS SIBS; 0640 English ID, News, Island Happenings (Valko, Cartwright).
- 9550 CUBA RHC; 1324 Spanish news. and Latin music (NO NAME 6/26).
- 9580 AUSTRALIA R. Australia (Shepparton); 1104-1300 EG News & gas cmntry (Joseph, Halsema)
- 9580 KOREA (SOUTH) R. Korea; *1000 EG News, ID & cmntry (Cucura, Fraser, Jones).
- 9600 CUBA R. Moscow World Svc; 1111-1300* EG Newsreel & Russian mx (Fraser, Halsema).
- 9605 JAPAN R. Japan; 1045 Portugese ID & talk on Japanese technology (Buer 6/14).
- 9610 AUSTRALIA ABC (Perth); 1401 English news, sports, weather (Kissane 6/6). 1145 English w/Round the Horne comedy (Fraser 6/6).
- 9615 USA KGEI; 1340-1400 Spanish ID & Bible pgm (Valko 7/2, Halsema 6/26).
- 9615 COSTA RICA R. Noticias; 1830-0400 Spanish relay of R. Sandino programs, talk, music, ID's, etc. (Crawford, Krueger, Zilmer, Alexander, Jordan, Block, Gregory, Hauser, Moore, Valko, Glikman).
- 9620 USSR MAYAK; 0730-1145* Russian announcer with Classical mx (Padula, D.W. Johnson).
- 9623v VIETNAM VOV (Saigon); Audible again in our evenings, 9620 nominal, Vietnamese songs/annets 1020+, hetting CBC NS 9625 after 1030 (Padula 6/5).
- 9625 CANADA CBC NS; 1400 English ID, address into interview (Halsema, Valko).
- 9630 SPAIN SFR; 0000+ English talk on John Wayne, etc. (McCants, Alexander, Kissane).
- 9630nf MALTA IBRA; 2050 English religious sermon program (Jordan 6/23).
- 9635 COLOMBIA R. Nacional; 0928 Spanish w/anthem, fall ID, bells & nx (Lobdell 6/18).
- 9635 UNIDENTIFIED; 1259 Spanish ID and classical music (Valko 6/25).
- 9635 UNIDENTIFIED; 1106 Chinese w/EG by Radio. Singapore?? (Lobdell 7/7).

- 9650 GUINEA La V. Revolution; 0700 French ID, anthem & music (Klein 6/17).
 9655 CANADA RCI; 0410 EG pgm w/Interviews of RCI staff (D.W. Johnson 6/24).
 9655 COLOMBIA R. Nacional; 0451 Spanish ID, cmtry & address (Klein 6/6).
 9660 AUSTRALIA ABC (Brisbane); 0800 News into rock pgm (Schweikart 6/25).
 9660 VENEZUELA R. Rumbos; 2230-0140 Spanish news, sports, ID (Alexander, Goebel, Padula).
 9670 AUSTRALIA R. Australia (Shepparton); 0701 English nx & cmtry (Klein, Cucura).
 9670 PORTUGAL IBERA; 2050 English religious talk & address (Cucura 6/24).
 9675 BRASIL R. Diario de Manha; 1226 Singing advertisement in Portuguese (Padula 6/5).
 9680 AUSTRALIA ABC Melbourne; 0920-1200 English ID, NI, Classicam mx (Schweikart, Fraser
 9690 ARGENTINA RAE; 0300 English ID & News of Argentina (Gliksmann, Findlater). Monaco).
 0614 English talk on Catholic church in Argentina (Jordan, Padula).
 9695 CYPRUS Cyprus Bc. Corp; *2212 IS, Greek ID, News & local mx (Jordan, Gliksmann).
 9700 HUNGARY R. Budapest; 0310 English talk on S. Africa (Joseph 6/8).
 9715 INDIA AIR; English to NE Asia 2250 (ex 15235) (Padula 6/1).
 9715 USA WYFR; 0130 English Bible reading w/religious mx (McCants 6/17).
 9720 KOREA (SOUTH) R. Korea; 1000 English news & editorials (Hensley 6/15, Dieckmann 6/17)
 9730 GERMANY (EAST) REI; 0100 English news & talk on Mid East (Davenport, Bauernhuber).
 9740 USSR R. Moscow; 1540 English DX Program (Grenier 6/23).
 9745 ECUADOR HCJB; 0229 EG DX Party Line (Abbey) 0420 Music in the Night (Bauernhuber).
 9745 IRAQ R. Baghdad; 2128 English news and cmtry on Iraq events (Jordan 6/23).
 9755 KOREA (SOUTH) R. Korea; 0435 English ID & cmtry (Jordan 6/26).
 9760 GREECE VOA (Rhodes); 0242 lang news and ID (Gliksmann 6/22).
 9768 ZAIRE La Voix du Zaire; 2251 Fast African rhythms (Padula 6/1).
 9770 AUSTRIA ORF; *0130 English News on Salt (Fraser, Strauss, Davenport). 0335 English
 ID & talk w/heavy QRM (Earhart, Minor).
 9770 AUSTRALIA R. Australia (Shepparton); 1155-1450 English Interview (Kissane, Yajko).
 9770 HAYTI WVEH; 2249-0001* Spanish pgm into EG w/sermon (Valko 6/30, Clifford 7/1).
 9820 CHINA R. Peking; 1210 English talk about Moscow & Albania (Jordan 6/28).
 9833 ISRAEL IBA; 0310 English news, DX info and pop music (Kissane 6/17).
 9850 CHINA R. Peking; 1530 English w/Chinese lessons (Grenier 7/4).
 9850 USSR R. Moscow; *1200 English news and cmtry on Salt (Jordan 6/28).
 9977 KOREA (NORTH) R. Pyongyang; 1216 Lang talk & flute mx (Valko 7/2).
 10040 VIETNAM VOV; 1020 English political cmtry (Klein 6/10).
 10060 VIETNAM VOV; 1120 Vietnamese talk & music (Saylor 7/2).
 10225 VIETNAM VOV; 2140 Vietnamese drama (Crawford 6/12).
 11040 CHINA R. Peking; 1115 Chinese language lesson (Saylor 7/2).
 11040 CHINA R. Peking; 1224 Chinese cmtry & music (Yajko 7/2).
 11515 CHINA R. Peking; 1224 Chinese cmtry & music (Yajko 7/2).
 11600 CLANDESTINE; CHINA V. of Democratic Kampuchea; Cambodian cmtry 1210 (Jordan).
 11603 USSR R. Moscow World Svc; 1902 English News and ID (D.W. Johnson 6/9) SSB Feeder.
 11620 INDIA AIR; 2155 English ID, sked & Indian mx (Gliksmann 6/23).
 11620 ISRAEL IBA; 0404 Hebrew news about oil & somoza (Bryan 6/28).
 11630 EGYPT R. Cairo; 0430 Arabic chants (Bauernhuber 6/8).
 11655 ISRAEL IBA; *2000 EG Calling All Listeners (Fraser). 2035 French news & mx
 (Brouillette). 2230 English news & review of the week (Slomka).
 11675 PAKISTAN R. Pakistan; 1825 talk in lang and pop mx (D.W. Johnson 6/9).
 11690 KUWAIT R. Kuwait; 1900 English ID, pop music w/heavy RTTY (Gregory 7/4).

That does it! A lot of good reports! Good DX and 73's!

Tom

FOR SALE: DX-160 with Mattis frequency readout in excellent condition. Logged 120 countries and 160 stations with this setup. \$165 plus shipping. (A \$320 value!). Call Robert Goss at (713) 487-8737 after 6:30 p.m..

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FOR SALE: NASWA SW DX Guide: Part I. A complete list of stations reported by NASWA members from 2000 to 4700 kHz in the 4/76 to 6/79 issues. By frequency with station, country, times, languges and more! \$2.00 in U.S. funds ppd. in USA, Canada and Mexice from George B. Sherman, Box 2284, Minneapolis, MN 55420.

WANTED: Wiring diagram and operator's manual for Hallicrafters SK-25 Super Defiant. William H. Taylor, Jr., Box 132, Wawaset Road, Unionville, PA 19375.

log report *section*

11700 TO 17699



BOB BROWN

- 11700 LIBYA PRBC; 1930-1955 GR, Chants, ID, Mid East Nx, good (Jordan-Pa.)
- 11705 AUSTRALIA RA; 1400-1430 EG Nx, Cmnty on China oil, QRM R-Japan at sign on at 1425 (Calderwood 7/9)
- 11705 MONTERRAT DW; 1200-1220 GM/EG IDs, GM talk by OM, QRM-RA (Hensley)
- 11715 BELGIUM BRT; 0015-0100 EG, ID, Nx & features (Davenport 6/9); "Mailbag" (Diekmann 6/19); "Brussels calling", "Mailbag", Pop Mx, Cmnty on "Regionalism" in Europe, //15175-poor (Jordan-Pa 6/22)
- 11720 CHINA R Peking; 0905-0925 EG ID, Chinese Mx to Aust. & N. Z. (Cucura)
- 11725 AUSTRALIA RA; 0926-0939 EG ID, mixed music & news, QRM (Cucura 6/23)
- 11730 USSR R Stansia Rodina; 2331 IS & IDs in Slavic Lang. (Shaffer 6/26)
- 11740 MADAGASCAR R Neth; 2030 EG news, "Afroscene" (Meyer-Peru, Shaffer) 2100-2120 "His & Hers" program (Diekmann 6/12)
- 11740 OMAN BBC-relay; 0348-0352 AR, Man chanting Koran-? //9825 (Halsema)
- 11745 LITHUANIAN SSR R Vilnius; 2259-2316 EG, IS, ID, "Mailbox" (Valko 6/17)
- 11750 BULGARIA R Sofia; 2130 EG, Freq & time sod (Zilmer 7/2); *0430-0500* EG news & music, ID, DX pgm, BBC-overlap (Cucura, Johns, Findlater)
- 11755 FINLAND RF; 2330 EG, "This Finland" (holidays) (Zilmer 6/28)
- 11765 PHILIPPINES FEBC; 0930 EG news into Rel Pgm at 0940 (Gregory 6/6)
- 11775 UK BBCWS; 1515-1530 EG, Sports-Tennis matches (Hoffmann 6/16)
- 11780 USSR R Kiev; 0032-0052 EG, "Ukrainian Panorama" (Diekmann 6/6)
- 11790 AUSTRALIA RA; 1106-1115 EG world news //9580 (Earhart 6/14)
- 11810nf S KOREA RK-Seoul; English, QRM-co-channel Algeria (Padula 6/7)
- 11830 S KOREA RK-Seoul; 1603-1630* EG, ID, freq sod, News by W, (Kissane) "Magazine", Nx highlights of week, Report on Salt talks, (Hoffmann)
- 11830t USA La Voz De OES; *2345-0030* SP, Mx & stories abt America (Clifford)
- 11840 GUAM KTWR; 0919 EG, "Childrens Bible Hour" (Moore 6/16)
- 11840 USSR RMWS; 1330-1350 EG Nx by W into "Culture & the Arts" (Jordan); 1600 EG, "Moscow Nights", Soviet Panorama" (Davenport, Weinhold 6/24); 1545-1555 EG, Requests for listeners to submit design for new QSL cards for 1980 Olympics. (no name or date)
- 11855 MONACO TWR; *0530 EG ID, IS into Rel Pgm in unid Lang (Alexander 7/6)
- 11855 SAUDI ARABIA BSKSA; 2002-2025 EG, ID, Western mx w/DJ (Cucura 6/24) = 2100-2200 EG, An hour of American medleys. (Yajko 7/1); 2010 EG rock mx, news at 2100, El & rock mx into announcements at 2200 s/off. Very difficult to understand the YL DJ- soft voice, monotone. (Schwiekart)
- 11860 LIBERIA ELWA; 2015 EG ID, "Bible Time" pgm. (Schwiekart 6/27)
- 11860 S KOREA RK-Seoul; 1802-1812 EG news & Editorials (Diekmann 6/23)
- 11865 AUSTRALIA RA; 1700-1730 EG ID, DJ with pop music. (Findlater 6/20)
- 11875 JAPAN RJ; 1015 EG, Asian news to Australia & New Zeland (Zilmer 6/13)
- 11885 URUGUAY SODRE; 2335-2400 EG, ID, Freq sod, Talk on music (Minor-Az)
- 11915 EGYPT El Qahira; 2130 Signature tune into AR pgm w/ YL, ID (Crawford)
- 11920 UK BBC; 1630-1645 EG ID, "Sing Along" vocals, native British songs, Never read abt this one before, maybe new find ??? (Findlater 6/9)
- 11920 PHILIPPINES FEBC; 1530-1600 CH ID, Religious mx & talk (Findlater 6/9)
- 11930 E GERMANY RBI; *0230 EG ID, Very slanted news, weak signal (O'Donnell) (This is scheduled as 11970 in LN-2 July-ed.)
- 11930 TURKMEN SSR RMWS; 0000 SP ID into news, very good (O'Donnell 6/20)
- 11940 SINGAPORE RS; 1055 EG ID by Old man, light music (Moore 6/30)
- 11970 E GERMANY RBI; 0240 EG news, cmnty on Soviet/American film (Yajko)
- 11990 CZECHOSLOVAKIA R Prague; 0100-0157 EG, ID, IS, News, Cmnty on Salt II talks & African solidarity. (Davenport 6/10, Semesky 6/20, Johnson 6/10) 0335-0346 EG, Mentioned prize of record for something-? (Earhart 6/17)
- 11990 ASIATIC SSR Mayak; 1205 RS, RM IS, "Mayak"-ID, Opera mx, (Johnson)
- 12015 AUSTRIA ORF; 2305-2320 EG, "Austrian Shortwave Panorama" (Zilmer 7/1)
- 12030 USSR RMWS; 0217-0311 EG, "Moscow Mailbag", good (Brouillette 6/25); 0300-0330 EG, ID, news, usual programs (Williams 6/30)
- 12035 USSR RMWS; 0240-0255 EG. Request music, Moscow Philharmonic, (Earhart)
- 12060 USSR RMWS; 0515 EG, Usual programs (Moore 7/5)
- 12095 UK BBCWS; 2200 EG World news (Zilmer 6/29); 0255-0301 Lang, Bowbells news at 0300 (Halsema 7/5); 0420 EG, Cmnty on Tokyo summit (Bryan)
- 12250h BRAZIL R Nac; 1115-1129 Lang, Ez LA tunes w/ no talk, 2x6125, fade out by 1130, QRM by a UTE. (Valko 7/8) (tentative identification)
- 12315 UNIDENTIFIED Numbers Station; 5 digit groups by woman (Saylor 6/8)

- 12763 W GERMANY DAM-time station; 2355, CW time pips no ID (Saylor 7/7)
- 13959.8 USSR RM-feeder (SSB); 2200 RS, Mayak ID, News, This is a 15 K W feeder from Moscow, call-ROW27, weak signal. (Saylor 6/17)
- 15025 USSR R Kiev; 2238 Ukrainian pgm to NAM, with RMWS underneath; believe this is spur from 15135 transmitter. (Hauser-Tn 6/15); 2343 RS, Good signal w/ M & W tk, QRM-rtty, I believe I hear another station of low power w/ no het. Not in WRTH or FRENEX back to April (Earhart)
- 15045 GRENADA RFG; 2200-2229 EG, RFG still suffering from irregularity but shows sometimes on this excellent frequency. Had light music, then soap opera at 2215, Also on as late as 2315 on 7/1 (Hauser 6/15)
- 15060 SAUDI ARABIA BSKSA; 1830 AR ID, Music & a play w/ different actors & sound effects. (Gregory 7/4); 2100-2300 AR, Chanting, Koran reading, Riyadh Home Service, (Johns-Tn 7/2)
- 15070 UK BBCWS; 1611-1617 EG cmntry on oil, sports news, poor (Halsema); 2300-2327 EG world nx & cmntry (Davenport 6/6); 0030 EG. "Radio-Newsreel", excellent (Brouillette 6/1); 0153-0216 EG, "Report on Religion", news //15260 (Halsema 7/5); 0340 EG tk about a man wanted for murder. His garden was uncovered & money found. (Bryan 6/21)
- 15100 CLANDESTINE Libya "Voice of the Revolution"; 1830-1845 AR, Daily Anti-British, United States, Israel talks. (Block 6/23)
- 15105 ISRAEL Kol Israel; 0340 RS IS ID, jammed at 0345 (Zilmer 7/1); 0500-0515 EG Easy listening music (Kelly 6/16)
- 15105 MALTA DW; 0000-0030 SP news, Talk on Nicaraguan civil war. (Kelly)
- 15120 POLAND PR; *0300-0330 EG, IS, ID, pgm scd, Talk on Polands maritime history, contest announcement (Minor 6/19, Jordan 6/22, Saylor 6/25)
- 15125 CHINA R Peking; 1015 EG, local mx, freq & time scd (Zilmer 6/19)
- 15130 SWITZERLAND SRI; 0145 EG, "Dateline"pgm, Reports wanted on this USB transmission to North America. (Moore 7/1)
- 15135 BULGARIA R Sofia; 2130 EG news, freq & time schedule (Zilmer 6/17)
- 15145 CHILE VOC; 2345 SP ID into talk by YL (Shaffer 6/28) (scd as 15140)
- 15150 ANTIGUA DW; 1304-1320* GM news, cmntry, talk, GM/EG ID (McCants 6/13)
- 15150 BYLORUSSION SSR RMWS; 1830 EG, "Moscow Mailbag". "Just for Fun" pgms with jokes & music. good strenth (no-name 6/12)
- 15155 USSR RMWS; 2000-2030 EG ID into African svc //15520 (Findlater 6/9)
- 15175 PORTUGAL RP; 0130 PT talks & modern Portugese mx (Slomko 6/13) (this was reported as 15170nf in June by Cunningham-??? ed.)
- 15205 MOROCCO VOA-Tangiers; 1755 EG, talk on tourism //15195 (Valko 7/5)
- 15215 USA WYFR-Scituate; 0034-0055 SP Bible teaching, Question & answer program featuring Luis Palau. (McCants 6/18)
- 15225 W GERMANY DW; 0110-0125 Bengali nx by W into EG at 0120 (Brouillette)
- 15225 TUNISIA RTVT; 0540-0555 Arabic music & talk //7225 (Cucura 6/13)
- 15235 HOLLAND R Neth-Lopik; *0700-0720* EG news, ID, tk on Salt II (Cucura)
- 15235 ITALY RAI; 0138-0141, Bird IS heard behind Deutsche Welle (Buer 6/20)
- 15235nf W GERMANY DW; 0122-0127 EG ID, news to Asia. (Buer 6/20)
- 15235 JAPAN R Japan-NHK; 0930 EG news to Australia & New Zeland (Zilmer)
- 15240 LIBERIA VOA-Monrovia; 0351 EG ID, Country music (Bryan 6/21)
- 15240 SWEDEN RS; 0125-0135 SP/EG ID, is into SP pgm (Brouillette 6/1); 0226-0228, various language idents, with s/off (Halsema 6/21)
- 15245 MOROCCO VOA-Tangiers; 0336 EG, various mx, Q & A pgm (Gliksman 6/18)
- 15250 UGANDA UBC; 1800-1900 EG, Pop & African mx, Drums, Speech on Ugandan constitution, Freedom of speech, Assembly, Human rights, (Koenman 7/2)
- 15255 BONAIRE TWR; 1110-1207 EG ID & news into religious pgm (Gregory 6/6)
- 15260 AUSTRIA RA; 0430-0500 EG news, "Report from Austria"- tk on cut back of fuel, Old sound recordings. (Dieckmann, Grenier, Hartsell 6/3,9,12)
- 15265nf ECUADOR HCJB; *0130-0200 EG, "Thru the Bible" (McCants 6/14); Religious tk by OM, Haven't seen this sch'd anywhere. (Findlater 6/15)
- 15265 FINLAND FIR; 2330-0000 EG, "Northern Report", Pgm on energy, Wood for fuel, Music Composer, //11755 (Dieckmann 6/5, Johns-Tn 6/30)
- 15270 FINLAND FIR; 2330-2345 EG ID, IS, "Fresh Air" pgm, Interview w/ a Professor of Ornithology, "Jazz in Finland" QRM USSR on 15275, //11755 (Earhart 6/20, Jordan-Pa 6/23) (I believe this s/be 15265 as 15270 is not scd at this time, in EG or to NAM- ed.)
- 15270 JAPAN RJ; 2008-2015 EGnews, cmntry on nuclear power. (Dieckmann 6/14)
- 15275 USSR RMWS; 2340-0000* EG, Tk abt Kissinger & our Aircraft carriers, History of Rukhara since the 8th century. (Earhart 6/7)
- 15285 BANGLADESH RB; 1400* EG s/off w/ station announcements, (Meyer-Peru)
- 15285t FRANCE RFI; 1901-1930 FR, Rock & disco mx, some oldies no-ID (Valko)
- 15285 LEBANON RL; 0230-0300 EG ID news, pop mx -music by the "Muppets" w/ Kermit the Frog, World news, stories about Israel, announced this transmission as of 0130-?, good sig but confusing programming, Arabic until 0230 & Spanish at 0300. (13-Reporters)

- 15290 SWEDEN RS; 2300-2330 EGnews, ID, IS, "Sweden Calling DXers", cmntry on the fuel crisis. (Davenport 6/8, Dieckmann 6/19)
- 15300 JAPAN RJ; 1500-1515* EG ID, news, & cmntry, good (Weinhold 6/24)
- 15305 GREECE VOA-relay; 1801 Lang, ID, IS, Mx, Nx, "Israel" (Valko 7/5)
- 15310 GUINEA R Nac; 1755-1815 FR/Vernacular, ID, Talk, Music (Cucura 6/4)
1830-1900 EG news interspersed w/ African music. (Schweikart 6/29)
- 15315 ITALY RAI; *0100-0120* EGnews, ID, cmntry, (Kelly 6/15, Williams 7/3)
- 15320nf SWEDEN RS; 2100 EG news, "Panorama" to mid-east //15240 (Zilmer 6/29)
- 15320 USSR RMWS; 1200 EG news, cmntry, Tk on bicycle travel. (Zilmer 6/30)
- 15325 UGANDA UBC; 0401-0410 FR, local Afro mx, (Bryan 6/21); 0310-0415 EG, Ugandan & World news (Dieckmann 6/24); Light & pop mx, poor records, announced news didn't come. (Jordan 7/4); Tk on Zimbabwe/Rhodesia, good signal-poor audio, overmodulated, (Shaffer 7/8)
- 15330 BULGARIA R Sofia; *0000-0100* EG news, ID, cmntry, "Mailbag" pgm, Editorial on July 4th in the U.S.A., Freq scd. (6-Reporters)
- 15330 GREECE VOA-relay; 0700 EG news, Tk on S. Korea (Meyer-Peru 7/1)
- 15330 USA AFRTS; *1100 EG s/on, good-no QRM, normal nx pgms (Meyer-Peru)
- 15340 W GERMANY R Liberty; 0530 RS cmntry under heavy jamming (Saylor 7/6)
- 15350 S KOREA RK; 0230 EG group dialogue on aspects of Korean political situation. 0258 ID in EG, freq scd, announcements, weak (Findlater)
- 15350a USSR R Sovobodny; *2300-2325 RS, Chimes-IS, ID-"Govorit Radio Sovobodny", Mentions of M'scow, Carter, Mondale, Nicaragua, Interview discussions, Music, QRM'ed by electronic interference (Jordan-Pa)
- 15355 UNID 0300-0330 Lang. (maybe RS) OM & YL w/ news- Carter/Brezhnev meeting in Vienna. Who knows what this is? (Findlater 6/15)
- 15380 FRANCE RFI; 1645-1650 EG, "Paris Calling Africa", good (Halsema 7/1)
- 15400 E GERMANY RBI; 1800-1840 EG news, "Concert Hall" (Strauss 6/30)
- 15405 E GERMANY RBI; 1805 EG world news & news of the GDR. (Schweikart) (which frequency is it?, neither is scheduled-ed.)
- 15405 USSR R Vilnius; 2300-2330 EG news, ID, Russian Opera (Williams 7/1)
- 15435 CLANDESTINE USSR R Megallones; *0330-0400* Called "Escucha Chile" during 2 hours of bdcating. Sub ID of Megallones is "Voz Chilena y Antifascista" (Block 7/1)
- 15440nf CANADA RCI; 0640 FR talk, 0646 EG ID, freq scd, Nx by OM (Findlater)
- 15440nf USSR RMWS; 0445 Portuguese service (Padula 6/4)
- 15445 W GERMANY R Liberty-Lampertheim; 0300 Georgian news, mx, (Moore 7/1)
- 15465 USSR RMWS; 1930-2000 RS ID, IS, talk & music (Findlater 6/9)
- 15470 PAKISTAN RP; *1700-1730 EG ID, news, Cmnty (Cucura 6/12, Hartsell)
- 15475 EGYPT R Cairo; 1710-1740 AR, "Voice of the Arabs" svc, (Jordan-Pa)
- 15525nf LITUANIAN SSR R Vilnius; *2300-2330* EG, "Mailbag", Programs on mathematics & music. (Minor, Padula, Semesky, Shaffer, 6/21, 24, 27)
- 15525 USSR R Kiev; *0030-0100* EG news, ID, "Ukrainian Panorama", very-strong, best frequency (Brouillette, Fraser, Williams 6/20, 25, 7/3)
- 15525 USSR R Stansia Rodina; 2230 RS ID, IS into RS pgm, good (Shaffer 6/27)
- 15584 ISREAL RI; (Home svc)0600 HB news, ID, talk, very good (Saylor 7/1)
- 15670 UK BBC; (SSB Feeder) 0600 EG news. Bow Bells IS (Saylor 7/1)
- 15752 USA VOA- Greenville; (SSB feeder) 0615 EG news (40 KW) (Saylor 7/1)
- 17490 CHINA R Peking; (SSB) 1730-1800 CH tk by OM, bells/chimes (Findlater)
- 17615 USSR RM-Mayak; 0320-0350 RS ID, IS, Orch mx, news by YL (Jordan-Pa)
- 17635 CHINA R Peking; 0140-0155 EG ID, news, various music, (Jordan-Pa)
- 17640 PAKISTAN RP; *1645-1655 EG ID, news by M into Lang. (Cucura 6/12)
- 17665 PAKISTAN RP; 1245 URDU, vocal mx, pop instrumentals, talk. 1720-talk in Lang by W, EG news at 1740. QRM-17670 (Johnson 6/16, 24)
- 17670 EGYPT Voice of the Arabs; 1600 AR talk, local music. (Zilmer 7/1)
- 17680 CHINA R Peking; 0041-0054 EG pgm of various music. (Fraser 6/13); 0100 EG news & cmntry. (Moore 7/1); 0220-0256* EG, Political cmnty Discussion on wheat, general agricultural products. (Jordan-Pa 6/27)
- 17695 NETHERLANDS RN; 1835-1900 EG, "newsline"pgm, Sports, "DX Jukebox" Talk on DX clubs in So. East Asia. (Hoffmann 7/5); 2045 EG, "His & Hers" pgm, announced that 17695 replaces 15220 from Lopik (Zilmer)

* * * * *

Jim Conrad from Waterloo Iowa called to tell me that he had talked with Stewart Spencer of VOA. He explained that on non-topical programs such as the "Breakfast Show", are now taped and sent to the relay stations. This will explain the improved reception (better clarity) in some areas. Thanks for the information Jim.

With other "Summertime activities" & other "Family responsibilities I have found it very difficult to do much SWling or DXing, I'm glad that so many of you stick with it month after month. Doing this column each month keeps me posted on what is happening.

Thats all till next month. 73's

Bob

log report section

17700 & ABOVE



David L. Walcutt — Transition Editor

AUGUST, 1979

- 17700 USSR RM; 0219 EG, nx of Mideast, Persia (Josephine Bryan 6/28).
17705 CHINA R. Peking; 2225 CH, George Gershwin's mx (Bryan-CA 7/1).
17710 HUNGARY R. Budapest; 0130-0330 EG/Hungarian; excellent (6 reporters).
17720 FRANCE RFI; 1605-1710 EG/FR, "Paris Calling Africa" with music & letters until 1700 (Minor-AZ 6/17, Kelly 6/17).
17740 BELGIUM ORU; *0430 DT w/IS, s/on anmts, exercise pgm (Johnson 6/30).
17740NF S. KOREA R. Korea; 0430-0500 EG, good signals (Padula-AUST 6/7).
17745 BELGIUM ORU/BRT; 1630 EG, mixed music, ID; fair (Minor 6/17).
17755 NORWAY R. Norway; 1600 EG, "Norway This Week" (nx & views); //21730, 15175, to W. N. America (Zilmer 7/1).
17760 USSR RM; 0234 SP, "Escucha Chile" with Chilean leftist exile Journalist H.R. Molina; good (Halsema 7/1).
17780 ITALY RAI; *0830 w/bird chirps IS & ID into Italian to Aust., excellent, better than xmsn to North America (Klein 6/10).
17780 USSR R. Vilnius; 2328-0000 Lithuanian, mx (Kelly 6/17).
17785 FINLAND RF; 1432-1458 EG, reviews (E.Hoffmann 6/16, Findlater 6/8).
17795 AUSTRALIA RA; 2200+ EG, sports, news, business reports (Bryan 7/1, Alexander 6/17, Kissane 6/7). An old established fgy for them -ed.
17795 NORWAY RN; 2200-2230 EG, nx, Norways foreign policy; //15175, 15345 (Alexander 6/17); 2206-2230 EG, nx & views pinpointing people and places (Dieckmann-MO 6/24).
17800 CHILE VOG; 0130-0200 EG, cmtry, mx (Halsema 7/9, Bauernhuber 6/14); 0230 EG, cmtry on Chile, Soviet inflation (Abbey 6/17, Alexander 7/4).
17800 RWANDA Deutsche Welle; 0935 EG to As.; //17780 better (Buer 6/14).
17805 PORTUGAL R. Free Europe via Gloria; *0600-0630 Polish, abrupt s/on with no IS, nx & disco mx; strong (Saylor 6/6).
17825 BULGARIA R. Sofia; 0230 PT w/ID, nx; good (Halsema 7/1).
17830 GUAM KTRW; 0950-0958* Mandarin, rel pgm w/ID, IS; poor (Buer 6/12).
17840 VATICAN Vatican R.; 1115-1130 EG, rel nx; poor (Zilmer 6/26).
17845 USA WYFR-Okeechobee; 1602-2150 GM/EG (Halsema 6/23, Earnhart 5/29).
17845 USSR RM; 1140-1606 EG, Soviet nx (Earnhart 6/28, Halsema 6/23).
17847 PAKISTAN RP; 0303-0310 EG, international news; good (Jordan 6/30).
17860 FRANCE RFI; 1530 EG, "Paris Calling Africa" (Wednhdg 6/24).
17860 NEW ZEALAND RNZ; 2340-0530 EG, popular variety pgm (7 reporters).
17865 SPAIN R. Liberty via Playa de Pals; 2335 Turkestani (Moore 6/29).
17870 LIBERIA VOA-Monrovia; 1741-2328* EG (Valko 7/5, Meyer 7/4, Kissane 7/4).
17880 USSR RM W.S.; *2129 SP w/IS, ID; until VOA s/on (O'Donnell 6/21).
17900 VATICAN VR; 1700-1715 EG, review (Hoffmann 6/30, Dieckmann 6/18).
18080 UK BBC; 1517 AR; fair (Shaffer 6/30); 1553 Urdu (Halsema 6/30).
19060H USSR RM W.S.; 0455, 2 x 9530, coming in well; //12060 (Hauser 7/1).
20004 USSR RID; Irkutsk time signal stn has activated this fgy giving WWV some company; noted following exact format in Klawitter's reference tho' no ID until sked time of 0449-0450 (in CW) Hauser 7/1).
21465 FINLAND RF; *0800-0930* EG to Aust., Sunday only (Padula 6/3+).
21475 BELGIUM BRT; 1630 EG, lbx, bagpipe mx; good (Meyer-PERU 7/5).
21480 MADAGASCAR R. Nederland; 1525* EG, "Here In Holland". (Kissane 6/12).
21485 VATICAN VR; 1115-1130 EG, religious news; fair (Zilmer 7/3).
21525 AUSTRALIA RA; 0440-0459 English, mx (Dieckmann 6/12).
21545 SWITZERLAND SRI; 1315 EG, "Interaction"; in SSB; poor (Zilmer 7/1).
21550 ASCENSION IS. BBC; 1701, nx, "Focus on Africa" etc (Meyer 7/4).
21570 SWITZERLAND SRI; 1335 EG, nx, "Dateline" (Bauernhuber 6/22).
21570 FRANCE RFI; 1610-1618 EG to Afr. (Dieckmann 6/11, Bauernhuber 6/20).
21585 SWITZERLAND SRI; 1530 EG to S.Am.; poor (Zilmer 6/29); 1815-1845 EG, nx, "Swiss SW Merry-Go-Round" with just one Bob (Jordan 6/9); 2325-2335 PT/GM, this & Morocco only stations in band at this hour here (Earnhart-PA 6/18); 0119-0124 SP, King Carlos in Switz. (Halsema 6/21).
21590 PAKISTAN RP; 0124-0127 unid. lang., local mx; poor (Halsema 6/21); 0230 EG, slow speed news; 0245 s/off (Schweikart 6/28); 0300-0310 EG, news in slow and normal speed English (Johns-TN 6/12).
21590 UK BBC; 1500 EG, news to Africa; fair (Zilmer 6/29).
21595 FRANCE RFI; 1615-1630 EG to Afr., nx, letters; poor (Minor 6/3).

- 21600 GERMANY W. DW; 1730-1802 EG to Afr. (Zilmer 6/27, Halsema 7/9).
- *21610 LEBANON R. Lebanon; *1831-1858 EG, ID, nx by W with U.S. pop mx, QRM from 21615-WYFR (Cucura 6/4).
- 21615 SWEDEN R. Sweden; 1400-1420 EG, cmntry, philately, & prostitution: "Panorama" pgm (Hartsell 7/2, Hoffmann 6/13, Halsema 6/26, McCants 6/13); 2300-2330 EG, letterbox (Johns-TN 6/24).
- 21620 FRANCE RFI; 1330 FR, mx from movies, fair (Fraser-MA 6/9); 1600 EG, nx, talk on Tokyo summit, local news items (Meyer-PERU 7/4).
- 21630 AUSTRIA ORF; *0600-0900* GM to E.Asia; ex-21620 (Padula 6/7).
- 21630 ISRAEL Kol Israel; 1300 Hebrew, "Reshet Bet" relay (Zilmer 5/29).
- 21630 SWITZERLAND SRI; 1100 EG, "Dateline"; poor; //21520 (Zilmer 7/3).
- 21635 SWEDEN RS; 1230 EG to E.As., "Panorama"; poor (Zilmer 6/29).
- 21640 HOLLAND RN; 2030 EG, nx, tlk on summit conference in Moscow (Hoffmann 6/24); 2030 EG, "Happy Station" show (Strauss 7/1).
- 21640 JAPAN Radio Japan; 0127-0133 JP/EG to Americas, ident. "Nihon", nx (Halsema 6/21); 0250 SP, M&W in conversation about Japanese defense and about Malaysia refugees; Russian pulser QRM (Bryan 6/21).
- 21660 ASCENSION IS. BBC W.S.; 0820, local level signal (Klein 6/10).
- 21685 HOLLAND RN; 1620* DT to S.E.As., anthem & off (Halsema 6/23).
- 21695 SOUTH AFRICA R. RSA; 1755 FR w/IS, TC, nx; fair/weak (Johnson 6/24).
- 21710 UK BBC; 1431-1630 EG, usual (Halsema 6/26, Valko 6/21).
- 21735 MOROCCO RTVM; 2245 Arabic & Arabic mx; //15155 (Alexander 6/19); 2320-2325 female singing with stringed instrument (Earhart 5/18); 0030 AR, Arabic vocals, phone talks (Ottaway 6/10).
- 21740 AUSTRALIA R. Australia; 0130-0200 EG, mailbag (Hartsell 6/10); 0200-0230 EG, nx, letters to the editors, mx (Strauss 6/30); 0255 EG, "Holiday Australia", world news, mx (Abbey 6/17).
- 21777 ISRAEL IBA/Kol Israel; 0704 Hebrew, Home Service relay, ads; seemed not to be full carrier double sideband, but rather reduced carrier single sideband. Modulation quality and "feel" of audio seemed to be the same as 29705 (Padula-AUST 6/7); 1300 HB, Reshet Bet program with some English records; Home Service (Zilmer 6/29).
- 23860h CUBA RHC; 0425 EG, 2 x 11930, giving address; probably sporadic E propagation (Hauser 7/1).
- 25790 SOUTH AFRICA R. RSA; 1510-1535 EG, motor car racing & other sport news; fair (Halsema 6/30); 1533-1539 "Saturday Special" (Halsema).
- 25880 USA VOA-Bethany; 1631-1634 Swahili, nx (Halsema 6/23).
- 26040 USA VOA-Greenville; 1921 EG, nx & cmntry; ID (Valko 6/26).
- 26095 USA VOA-Dixon; 2159-2220 EG, nx in special English, ID, IS (Valko 7/9); 2205 EG, Vance & foreign ministers from Japan (Bryan 6/28).
- 30475h COLOMBIA LV del Centro del Espinal; 1630 SP, 5 x 6095, almost daily in May; full ID at 1630, many local ads (Bloch).

FOR SALE: Allied SX-190 with standard SWBC bands. \$150 includes shipping. Bobby Hobbs, 1631 Marvell Avenue, Rocky Mount, NC 27801.

FOR SALE: Collins R-390A with manual and speaker. Excellent condition. \$325 plus shipping. John Feltman, 4524 Valley Drive, Allentown, PA 18104. Phone (215) 398-0903 after 5:30 p.m. ELT (not collect).

WANTED: Issues of VHF-UHF Digest, published by WTPDA, from August 76 to March 77. I need these to fill the gap in my collection. Please state price. Thanks. David L. Walcutt, 1521 Rutland #7, Houston, TX 77008.

FOR SALE: Move to Saudi Arabia for employer forces me to sell new R-390A and completely restored Hammarlund SP-600 JX. Prices are \$650 and \$350 respectively. R-390A includes SSB adapter at no charge. Both come with complete set of replacement tubes and manuals. R. Charles Rippel, 3229 Turtle Rock Drive, Virginia Beach, VA 23452.

WANTED: I would like to obtain operating manual, or copy, for Hallicrafters S-120A. Jimi Attwood, 37 Brookland Street, Glace Bay, N.S. B1A 1N4.

FOR SALE: (1). Barlow-Wadley XCR-30 Mark 2 with Gilfer Selectivity modification, \$225. (2). Heathkit SB-310, covers 16-49 meters plus 80/40/20 meter Ham and CB, \$210. Both in excellent condition. Prices include shipping by UPS. Money orders only. Mr. James A. Conrad, 545 Kirkwood Avenue, Waterloo, IA 50701

ANTENNAS/ACCESSORIES

EDITOR: MIKE AGNER C/O DELPHI ASSOCIATES 17 NEW ENGLAND EXEC PARK
BURLINGTON MASS 01803

Greetings all! This is my first column in a long while, and it is a bit of an experiment for me, so let me know what you like/don't like, and let's see what we come up with.

What are we going to cover here? That's the \$64 question, for certain! How about this?

Mike Agner, Burlington Mass MFJ752 Audio Filter
Homebrew patchbox to interconnect receivers,
tape recorder and antennas. It also has a
built in 100 kc. xtal calibrator from RS.
80 foot random wire
19 meter full wave square, indoors, mounted
n/s
16 meter full wave square, indoors, mounted
e/w
horizontal helical antenna, fed w/RG59/U
coax(see Sept. 1977 SWC for construction
details)
90 foot #18 stranded wire wrapped around 6
foot fishing pole, indoors

Yep, one of the purposes of this column will be to see what you are using as an accessory or antenna design with your receivers. Pse keep all your descriptions short, as I have only 1 page to go with. Send me your stuff/ideas anytime; I am not on a strict deadline as with the other editors. All contributions will be used one time or another; of that you can be certain. I am keeping statistics on a IBM 370/158 under OS (for you computer-minded people) as well as any mailings I may get from you.

You notice I underlined the word you. That's because I need your ideas for this column. I wish to avoid straight, statistical listings; I don't know abt you, but I would find that boring. What would you like to see here? Keep in mind that it must necessarily be short- this is for 2 good reasons: one, I am limited by the amount of space I have; two, I don't wish to tread on Jerry Linebeck's excellent column, SWC. Thus, pse keep all comments and contributions short; no more that is necessary to get the idea across. A couple of lines of comment on a particular item might prove interesting to someone else, though- so feel free to add them as you see fit. And don't forget to include those ideas for the column; they're most important!

As I think a little, I realize most of you probably don't know who the devil I am, so here goes; I'm 22, and a computer programmer for Delphi Associates in Burlington, presently on assignment in Cambridge. (Anyone out there also an Adler or Delphi'er? Call me at 8645200 ext 2688!) I have been with NASWA for nearly 8 years, and also a member of the NNRC. The equipment here consists of a R4B (my prize!) a modified FRG7 and a RF2200. I like SWBC DX, Tropical band stuff (a real masochist with the rising MUF) and utes. I also fool around with FM DX on occasion.

Let's here from You (with a capital U (hi)) soon, OK?

73s ^{and} " good DX

Mike

