

# FRIENDX



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RADIO PRAHA

# NASWA

## HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

45 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

In case some members may have overlooked our announcement in the October FRENEX regarding an increase in membership rates for North American members, we will summarize our earlier comments on the subject.

Effective immediately, membership in NASWA for North American members is \$16.00 per year which includes FRENEX. The optional mid-month UPDATE is now \$4.00 per year. These rates supercede the \$14.00 and \$3.50 rates which had been in effect since January, 1980. We will honor the old rates for renewal of existing memberships under certain conditions. (1) Those who are due to renew between now and March, 1982 may do so at the old rates providing they send their payment before December 31, 1981. (2) We can accept advance renewals at the old rates for one year only. (3) To determine when one's membership expires, note the number immediately to the right of the name on the address label. If it is 10, 11, 12, 1, 2, or 3, that member is eligible to renew at the old rates.

No changes in membership rates for overseas members were announced, and they will not be changes until there is a change in international postage rates.

All membership renewals should be sent to NASWA, P.O. Box 13, Liberty, IN 47353 and must arrive before December 31, 1981. After that date all renewals must be at the new rates.

### LOG REPORT FORMS.

A pad containing 40 sheets of Log Report report forms (10 items to a sheet) is available from NASWA Business Manager Mac Leonhardt for \$1.50. Please send your orders to NASWA, P.O. Box 13, Liberty, IN 47353.

### WRTVH, 1982

The Canadian International DX Club is offering the 1982 WRTVH for less than the 1981 edition! This offer is primarily intended for Canadian SWL's but is available in the US as well. However, if you do live in the USA, I would suggest you contact Don Erickson, 6059 Essex Street, Riverside, CA 92504 for his special offer.

If you get your order in before January 1, 1982, the price will be \$16.50 plus shipping which will be \$2.00 by fourth class and \$4.00 by first class. Two books to the same address require only one shipping cost. Over two, please write for special price. Checks or money orders to: CIDX WRTVH 1982, 6815-12 Avenue, Edmonton, Alberta, CANADA T6K 3J6. Canadians use C\$, Americans US\$.

### NEW CATALOGS AND BROCHURES AVAILABLE.

An all-new twenty-page catalog of communications monitoring accessories is now available free from Grove Enterprises. Featured are several innovative receiver add-ons designed to enhance the listening quality of both professional and non-professional monitoring posts. More than twenty products including antennas, filters, converters and hard-to-find books are covered. For your free copy write Grove Enterprises, Inc., Dept. C-10, Brasstown, NC 28902 or call toll-free 1-800-438-8155.

A large color brochure on the NRD-515 all wave receiver is available from Universal Amateur Radio, Inc., 1280 Aida Drive, Columbus, OH (Reynoldsburg) 43068.

Cologne Press, P.O. Box 682, Cologne, NJ 08213 sent a brochure on their latest book "Amateur Radio, Super Hobby" by Vince Luciani. This book has appeared to great reviews and is to be produced in braille by the Library of Congress. Price is \$8.95 for softcover and \$14.95 for hardcover plus \$1.00 shipping. They will send you the brochure if you write.

And finally, a flyer on something called the DX Edge has arrived here. This is mainly for amateur DXers and contesters but if you have \$14.95 you're trying to spend, this may be just the thing. It's a device consisting of a world map in the form of a slide case and 12 monthly transparent slides and it enables you to find daylight/darkness, short and long paths, and the Gray Line between any two QTH's in the world. The brochure is free from Xantek, Inc., "The DX Edge", P.O. Box 834, Madixon Square Station, New York, NY 10159.

# shortwave CENTER

A Chronicle of DX Articles,  
Interviews, and Opinion



Gerents: John J. Moritz Jr., 4779 Pine Trace, Youngstown, Ohio 44515

November 1981 Edition

Amigos mios! Not much room to say anything at all this month so allow me to wish you all a very happy and fruitful Thanksgiving on behalf of myself and my family, and my co-editors here in Shortwave Center. A good line-up this month, with some nifty features, including the final installment of Don Jensen's wonderful history of our club. Hope you all enjoy it and will catch you all next month with more goodies from Shortwave Center.

. . . . .IMPROVING YOUR USE OF THE WRTV HANDBOOK. . . . .

by John W. Creamer

"We can learn by doing".....True, yes-and we can Learn by Not Doing. For example...I have used the yearly WRTV Handbook, and after all these many years of using this valuable book, as it comes direct from the publisher, it finally dawned on me, how I could improve my use, and the knowledge to be obtained from each issue, by this easy procedure...

You know at times it is rather hard to hold the entire book, and turn all the pages to find out what stations worldwide are listed under each frequency, or under any one particular band....say if you wish to see what stations are grouped under 15230 Khz.

So now if you have this trouble, there is nothing better, than to turn to the back of your handbook, and carefully remove (do NOT tear out) all the approximately 16 pages listing the stations starting with the 120 Meter band, and continuing down thru the 11 Meter band.

Next, keeping these loose pages in order only requires a small amount of past or glue where needed.

Indexing these pages, for QUICK reference, is one thing you can do easily, by using "10 cent store" Index Tabs, on the right hand edge of some of the pages. I find that six double-sided tabs are required to index from 4825 khz to 17900 khz.

The top face of the six different tabs reads downward (from top of page to the bottom) 5955-5020....then the 2nd tab reads 7100...the next reads 7280-7550....4th tabs reads 9840...5th reads 11995, and the top of bottom tab reads 15245-15550.

All the tabs are spaced evenly.

Next turning all pages FORWARD to show the under side of each of the 6 tabs, the top tab reads 5950...2nd tab reads 7190-7275, 3rd tab reads 9500...4th tab reads 11700...5th tab reads 15000 and the back of the lowest tab reads 17450 all in khz.

But you go ahead and place the tabs where you wish, and letter each tab according. Okay?

It is also helpful if you use Marking Pen, and mark at the TOP of each column, on each page, the Kilohertz coverage starting at the top of each particular column (2 to a page).

Next it is good to use a ruler and pen, and mark a dividing line between each consecutive group of frequencies....such as a line between 7255 khz and 7260 khz., all for speed in logging.

If you prefer, it might be better to place the loose pages in a 3 ring binder..it all depends upon YOU.

Also if you have any trouble with this procedure, drop me a self-addressed, stamped envelope, and I'll help you, John W. Creamer, 670 So. Canosa Court, Denver Colo., 80219.

Dan Ferguson had not sought the No. 1 job in NASWA. He'd signed on only as publisher of FRENEX. But upon Bill Eddings' death, the entire job, including that of chief editor and administrator, was his. FRENEX was a slicker looking publication, offset printed, sometimes with illustrations, with better and more varied features than in the past.

In 1973, some now familiar names began showing up in the pages of FRENEX. Mac Leonhardt and Jerry Lineback took on editing chores of Log Report sections. Glenn Hauser began a relatively shortlived column devoted to tuning harmonic signals.

Membership continued to grow. Indeed, the increased costs of a printed bulletin almost made growth a necessity. Members ranged in age from their teens--there was even a 10-year-old member--to their retirement years. Some were like Jack Jones, who returned to the hobby in the 70s, after an absence of nearly 40 years. He penned a FRENEX article called, "I Remember When."

Shaw and Charlie Wooten served as Shortwave Center editors in 1974. For over four years in the early 70s, Larry Magne wrote a unique column covering clandestine stations, probably the first of its kind.

It was an era of hobby boosterism. Many SWLs felt that what was needed was to promote the hobby, to tell non-DXers about the fun of the whole thing. Some set up displays in supermarkets and libraries, showing QSLs from exotic lands to whomever seemed interested. Others sought publicity via their local radio or TV station. One time ANARC executive secretary Al Reynolds wrote a feature for FRENEX called, "The SWL AS His Own Publicity Man."

It was generally accepted that promoting the hobby was the right thing to do. We wanted more people to know the joys of shortwave listening.

We didn't realize that there could be too much of a good thing. But that's what happened in Japan in the mid-70s. A brushfire-like SWL boom, a phenomenon similar to the U.S. CB craze, brought millions to the hobby of listening--and collecting QSLs. The QSL quest, though, so burdened many of the international broadcasting stations, that they were forced to severely cut back their verification efforts. We are still living with the problems born of the Japanese SWLing boom, which has largely died out now.

A plus, however, was that the huge, though shortlived, market prompted Japanese receiver manufacturers to design and construct a wide variety of new SW receivers, in all price ranges. Today we are benefiting from this development. Before the "boom," U.S. SWLs had few new receivers to choose from. Old line American manufacturers like Hammarlund, Hallicrafters, National had either gone out of business or stopped making equipment suitable for hobbists.

But as NASWA moved into 1975, a new era was beginning. The first step was taken in March, when Mac Leonhardt became "coordinator" of the editorial staff. This was followed in May by Ferguson's decision to turn the club over to new hands. Leonhardt's duties were expended. Mac began the club administrator, largely responsible for operations of a club that had grown to nearly 1,000 members. Alan Mayer of Illinois assumed the other half of the job, that of publisher.

There were some editorial changes in the next several months. Hauser replaced Dan Jamison as Listeners' Notebook editor, a post he retains today, of course. Lineback took over the position of Short Wave Center editor from Wooten. William Oliver began editing the QSL section. After nearly a decade of editing the Flash Sheet, Al Niblack stepped down. He was followed by Ralph Berry, John Moritz and in June 1977, by Tom Alleman.

A new guidebook, "DXing According to NASWA," compiled by Shaw, first came out in the fall of 1975. It has since gone through several printings and remains a good basic text for novice SWLs.

At the end of 1975, the membership fee for NASWA was \$13 and membership was approaching 1,200.

With so large a membership, and an accompanying large treasury, it seemed that the old NASWA constitution, long forgotten, had passed by a 10 to 1 membership vote margin.

It vested control of the club in a three member board, which was

later amended to five members.

Then, with the coming of 1977, some fairly serious problems developed within NASWA.

If I do not go into great detail, it is because 1977 is not so long ago, and there are still tender spots, not yet ready for very much probing.

Basically, though, there were three unrelated matters that all came to a head about the same time.

The first involved NASWA's satirical columnist, the anonymous Charlie Loudenboomer.

As recently as January 1976, a headquarters column noted: "One letter this month suggests Charlie Loudenboomer be retired and the space used for more productive information. Surely, sir, you jest. FRENDX would not be the same without CL!"

But just over a year later, Loudenboomer would be banished from FRENDX. The reason was a column CL had written, a broad and not too kind parody of a "pat-me-on-the-back" autobiographical article a member from Idaho had written for FRENDX a few months earlier. The parodied member was irate at being the target of CL's wicked pen, angrily wrote headquarters, then resigned from the club. An unbridled Loudenboomer, whose identity was not even known to headquarters, had to go.

Loudenboomer's fans rallied to his defense. There was an attempt to reach an accommodation, but CL had by then vanished, never to identify himself or return to FRENDX.

A second issue of early 1977, stemmed from a set of editorial guidelines offered by Shaw, a member of the executive council. They, in turn, had been prompted by the appearance of some "four letter words" and frank commentary by some members in a Listeners' Notebook featurette called "In My Opinion."

Several editors responded negatively to what was viewed by them as a dictatorial control of sub-editors. There was considerable sound and fury, a resignation by an editor, an alteration in the content of some columns. The ultimate result was that section editors today have a fair degree of autonomy in what they include in their columns, but FRENDX has been purged of language which some might find offensive.

The third issue was one that had been brewing for a long while. It was not easy to pinpoint, though. Basically it stemmed from a difference of opinion between a relatively few old line DXers and a large, and growing larger number of newer members who were more attuned to program listening, SWLing, than to hardcore DXing after tough-to-hear stations, or obtaining QSLs from those DX stations.

The traditional view, promoted almost as a matter of faith in the club for years, was that shortwave listeners (SWLs) were just inexperienced DXers. That with time and training, any SWL could be converted into a DX fanatic.

What was becoming painfully evident in the 70s, however, was that there were many NASWA members who were perfectly happy with program listening, who had no interest in tuning in some weak, fluttery SW signal in some foreign language. There were those who didn't give a hoot for collecting QSLs. These were not just inexperienced or incomplete DXers...they just had different interests and motivations from DXers.

Obviously, there were many, perhaps the majority, who found both DXing and SWLing phases of the hobby interesting. But among some, at least, there was a feeling of alienation from the club they'd known so long. There was a certain degree of "dropping out," in interest and support of NASWA, if not actually dropping memberships. This third problem was perhaps not out in the open to the extent of the Loudenboomer firing or the editorial guidelines controversies. But it did cast a chill over the operations of the club early in 1977.

But after a couple of years, the dust has begun to settle, it seems. Perhaps, in its 20th year, NASWA is embarking on yet a new phase, one that will see improved cooperation among members and a tolerant view toward those in the club whose interests and approaches to the listening hobby are different from our own. For there seems to be room to pursue individual approaches in some aspects, and work cooperatively in others where there are mutual interests and ideas.

Bill Eddings' motto, "Unity and Friendship," still applies for NASWA as the club moves into its third decade.

AUTHOR'S NOTE: In this three-part history, it is clear that many names have been omitted. There have been many editors who have contributed sections to PRENDX over the years. There are those who have served in other capacities, also unnamed here. I have not intentionally slighted anyone. Often considerable contributions were made by persons who, for reasons of space, could not all be named in his history. The historical interpretations are my own, although I have tried to be as non-partisan as I could be in controversial areas.

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#### THE BEST LAID PLANS

A dose of rumor, a dash of hoax, a package of instant idea mix, a cup of press releases, a pound of unprepared pocketbooks. Mix that recipe together and you have some of the reasons behind the stations that never were.

A review of some 18 years of Sweden Calling DXers bulletins recently turned up a rather remarkable list of these phantoms, including a handful that would have brought new countries to the list. Virtually no part of the globe was spared the splashy "here comes a new and powerful international broadcaster" story.

In Europe, a missionary group announced plans for an evangelical shortwave station to operate from Switzerland around 1966.

The Dutch Catholic Radio Association planned to go on the air with the "Voice of Africa" from Liberia sometime after 1965. Later that was retargeted to 1968. And the BBC from Aldabra Island?

Asia was well represented. A Voice of America relay station in Thailand for late 1966. An international commercial station for Japan in 1967. Another commercial operation that never opened a mike was the "Voice of the Himalayas" which was supposed to go on the air from Nepal. The Maldives would not be the super catch it is had their announced plans for 200 kilowatts on shortwave come to fruition. And good old NYAB in Bhutan talked about playing the power game with 50 kw on shortwave which they hoped to begin on the first of January, 1975.

The Deutsche Welle was talking about a relay station in El Salvador in 1967--they are probably happy they decided not to. And La Voz de la Victor in Costa Rica had plans to subvert the 31 meter band with 1,000 kilowatts. Panama was to be represented on shortwave again via Radio Libertad--a station that actually was on shortwave quite a few years ago and has since vanished from both the shortwave and medium wave bands. A Latin American International Shortwave broadcasting station was announced for Paraguay in 1973.

Christmas Island was a popular spot for awhile with both FEBC and the BBC talking it up as a relay site in the mid seventies.

1967 saw the announcement of a commercial shortwave station planned for Navassa Island and a year later the CBC was talking about two, 100 kw relay transmitters in the Carriibbean.

Monterrey, California was to be the home of the North American Broadcasting Corporation, shortwave of course, after plans were announced in 1968.

Ah, what might have been! But wait! Perhaps not all of these can be counted out after all. For it was something like ten years ago that the first announcements were made about plans for an FEBC shortwave outlet on Saipan and Billy Graham's Hawaiian station. And both are very active projects with listeners and DXers expecting signals from them both in the next year or so. Who knows, we all may log Navassa Island yet!

G.L. Dexter

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When soldering outside antenna wires which are out of reach of an extension cord, a 100 watt soldering iron will hold the heat long enough- after being fully heated in the house- to do the job. This applies only to soldering IRONS- not GUNS- as the latter dissipate heat too quickly.

When combing the shield of coax for attachment to various connectors, the best tool I've found for this tedious job is a very large needle, 2-3 inches long.

Neal Perdue

# IT SOUNDS TO ME!

BY ALVIN V. SIZER, 22 Country Way, North Haven, CT 06473

"I believe that the Voice of America is a great station. I have enjoyed listening to many of their programs and I am sure many Americans would find it interesting. Every American should be proud of it."

The above quotation is from a letter to this editor from Norman C. Grosvenor of Hollywood, Calif. and it not only gave me the idea for, but the gist of, this column for November. Norman's words set me to thinking and I immediately came up with two conclusions: (1) Yes, the VOA is something we can be proud of and (2) We have been taking it for granted; at least I have.

Noone has ever accused me of being a super-patriot and in my career as a newsman I have launched more than a few shots at my government and the men who have been running it, regardless of party. I have seen a lot of ineptly-operated and over-costly governmental programs in my day and, like all of you, have watched a substantial amount of my tax dollars go down the drain.

I don't feel that way about the VOA. I think I have gotten my tax money's worth out of it. I've been fairly happy with the way it operates, what it says, the image it projects and its influence abroad.

Before you accuse me of getting soft, let me say that I don't feel that comfortable about Radio Free Europe and Radio Liberty. It is possible I am being unfair since I don't understand any of the languages used but I have seen enough critical news stories to wonder whether these stations are well operated.

To return to Norman's letter which also praises the AFRTS--American Forces Radio and Television Service.

"I have a feeling," my correspondent writes, "that there are many Americans who believe these stations are only for foreigners and their transmissions are of little or no interest to Americans. They are in for a mighty great surprise. Do they know that these stations are being maintained by the taxpayers? Do they know that these stations can be heard in the U.S.?"

Norman points out that many Americans have a SW band on their sets but never use it. He feels that if VOA and AFRTS officials could be encouraged to publish their English programs in U.S. papers for a three-month trial period, "I am positive they would find the results amazing." (I believe that commercial broadcasters would oppose this kind of competition, especially with AFRTS which enjoys "feeds" from private outlets. Am I correct in this?)

Concludes Norman: "The question is how we can persuade VOA and AFRTS to go along with this idea. The American public would be amazed at the amount of material being aired ---there would be more Americans listening to these stations and listening to many subjects, some of them of real interest to them."

An interesting view but it's obvious that the VOA's real mission is to present an honest, favorable if possible, image of the U.S. abroad. I think it succeeds. Its news reports may not be quite as unbiased as the BBC's but compared to its chief rival, Radio Moscow, they are models of objectivity. They dispense reliable information about our country and, to the best of my knowledge, they don't lie. Certainly not as an every-day procedure. And the VOA can be downright entertaining.

Through programs like Willis Conover's Jazz Hour, the Breakfast Show, African Safari and the like, the VOA has made itself an admired medium of entertainment and information.

I often listen to the VOA and not just to be informed. I find myself remembering VOA programs that have impressed me--like the tribute shortly after Louis Armstrong's death that faded out with Louie singing, "What a Wonderful World!" I'm glad we have the VOA for an advocate around the globe and I suggest that those who don't agree try a steady nightly diet for one week of nothing but Radio Moscow.

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A PERSONAL NOTE: Writing this column was one of the last things I did before heading for the hospital for a major operation. This will be the first time in 40 years I have been spent a night in a hospital, the last occasion being when the U.S. Army put me there on maneuvers because an ingrown toenail had immobilized me. So I have been lucky and if my luck continues I'll be back with you for the December column.

## This Is The Way It Sounds To Them!

(Feedback from past columns. Don't forget to send in your reaction.)

From JERRY BERG, Lexington, MA:

"Your September column on taped DX is the first I have seen that treats the subject seriously. Thought I'd send along a few thoughts.

"While it is true that one could hold out someone else's recording as his own, such a combination of dishonesty and resourcefulness is unlikely to ever be encountered. And, in any event, one need not resort to such sophisticated deception to reap hobby rewards. The entire NASWA awards program is based simply on the submission of a list containing the proper information regarding the relevant loggings or verifications. What could be more easily falsified than that? Yet I have heard of no such problems in the awards program. The point is I believe that DXers should be presumed honest unless and until one is discovered to be otherwise, and that the acceptance of tapes for a particular purpose should not depend on abuses that are rarely if ever going to occur.

"As one with a collection of hundreds of Latin American IDs on tape, I agree wholeheartedly that, when the DX doldrums set in, past DX experiences as relived are a real boost. Still, if I could have one or the other, I think I would still rather have the QSL, representing as it does a measure of effort on the listener's part that warranted a reply from some faraway place. I guess the best of all worlds is having both the QSL and the tape. Certainly if one is going to all the trouble to write for a QSL, little extra effort is involved in preserving a short taped segment of the logging.

"Tapes are not QSLs, of course, as they are totally lacking in any personal communication between station and listener. However, as proof of reception they are virtually conclusive. I say 'virtually' because I have heard recordings that are represented as being this or that station but that I cannot identify as such from the recording. Thus, any recording should be of a quality sufficient to establish the identity of the ID.

"One step that might be taken would be for a series of NASWA awards to be offered for those who tape. Unlike QSLs, which DXers are understandably reluctant to mail in for checking because of the danger of loss, tapes can be duplicated and mailed rather easily. An applicant for an award could submit a copy of his tape which could then be sent to someone who might volunteer to listen to the tape and verify its contents."

From CHARLES GEORGE, Dallas, TX:

"Since I got my RF-2600 to go with my SSR-1 I have found QSLing less important. Now if I hear a rare catch I would rather have a tape recording. Most stations seem to answer reports as a friendly gesture instead of it proving that they were heard.

"To me if a person claims they've heard a certain station I will believe them since due to the vagaries of propagation they could have. If they are lying they are only hurting themselves and no one else.

"I still collect QSLs but mainly as souvenirs from the station. I would usually rather have their station schedules so I can tune in for my favorite shows from that station."

FROM YE EDITOR:

An offshoot of the above discussion is what makes the best or the most nearly perfect QSL? Here are a couple of ideas, somewhat impractical I'm afraid.

(1) You have the station on your set. Call up the station and ask them to listen for a minute. Then record their on-the-spot reply that this is indeed what they are broadcasting at the moment.

(2) Send a tape to the station. Ask and hope that they will directly comment to the effect, "This tape is of our station." On your duplicate of the tape record an intro with words from the QSL and file with the tape. That's about the best you can achieve unless you have some other better ideas.

On a somewhat related idea it has frequently occurred to me that with tapes of station IDs, excerpts of music, etc., plus film slides made from your QSLs and a text, an enterprising DXer with a little effort could compose an interesting talk and make public appearances at schools, etc. and even possibly earn a little money so doing. In this case they would not necessarily have to be your tapes and QSLs as long as you did not claim credit for them. Has anyone tried this?

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This column exists only through the response of its readers. I don't care in the slightest whether you agree with me or not--so long as you don't get abusive. hi--but my opinions are thrown out in hope of feedback and with no belief at all that I am always correct. A.V.S.

"Those #!%# Little Buggers"

by Vladimir Cucura, Jr.

On page #7 of FRENEX August 1981, Mr. David Newkirk made a few cogent remarks about Mr. Albert Miller's thoughts about utility stations on the 90 & 60 meter bands. (Mostly RTTY & Facsimile). In the last few weeks, I came to own a Kantronics Field Day #2, which opened a while new field of SWling & DXing. But I am also a DXer on the shortwave bands, and do mostly my DXing on the 60 & 90 Meter band, so, I would like to throw my \$0.02 in about Mr. David Newkirks remarks. This is what happened the other nite to me.

It was 0335 Gurt., I was listening to TWR Swaziland on 3240 Khz with a fair to good signal. I thought to myself this will be a good nite on the 90 Meter Band for the Africans. Wrong! 0345 TWR s/off. I then went to Mozambique on 3208V. But was confronted with wall to wall utility stations from 3200 to 3215 kHz (3 altogether) I went up to 3232 in which I heard a station but the utility around 3230 was blocking it. Even the 2.9 Collinsfilter didn't help. Up to Radio #5 on 3250 kHz. They were in but with the utility QRM I couldn't make much out.

I counted 22 utilities on the 90 Meter Band but the ironic part was I checked between 3100 to 3200 kHz and found only 3 utilities and between 3400 to 3500 kHz I found none! I wonder why?

So off to the 60 Meter band 0400 on 4910 I caught a few Bars of a National Anthem, and ZAP! a utility done did 4910 in. Off to Botswana on 4845. They were in poor to fair after 15 minutes, I decided to start from 4750 and count the utilities up to 5060 kHz. About 5 minutes I was back up to Botswana, but no Botswana just a utility station. Well I counted 25 utility stations on the 60 Meter band between the 60 & 90 a total of 47 utility stations.

I checked the other bands, 49 Meters: a utility on 6048 KHz. 31 Meter band: a utility on 9735 KHz. 19 Meter band a utility station on 15407 kHz. Well the bright side was the other bands weren't infested with the Little Buggers as much as the 60 & 90 Meter bands. But they were growing roots. 5 years ago 60 & 90 Meter bands were relatively free of utilities. Now the #?!# Little Buggers are running all over the 60 & 90 Meter bands. I hope 5 years from now the Little Buggers don't infest the International Bands (49, 41, 31 etc) as they do now on the 60 & 90 Meter Bands. If so Mr. David Newkirk will have a field day in DXing them.

From 1600 kHz to 3000 kHz there are 28400 HRZ's which are divided into bands for Amateur Radio Bands, International Broadcasting Bands, Tropical Broadcasting Bands, and the utility bands.

The shortwave bands from 120 through 11 Meter bands have 3160 HRZ's. The amateur Radio Bands 160 thru 10 Meter band (10 meter also shared with the CBer's) have 3200 HRZ's.

Now between the shortwave and amateur bands (75 meter and 41 meter are shared by both) have a total of 6360 HRZ's to work with.

Now we will add 1000 HRZ's to that. For the BBC, Cario etc out-of-band power houses and I don't think Angola's 1kw to 5kw, and Indonesia 0.25kw & 1kw because of their low power would be much of a problem. That gives us a total of 7360 HRZ's

That leaves the utility stations 21040 HRZ's to work with in a 24 hour period.

Darkness does change the band conditions. Take for example: It is 0400 GMT between 2300kHz thru 15450kHz (120 thru 19 Meter bands.) there are 2160 HRZ's. And in the Amateur Radio Bands there are 1050 HRZ's (75 & 41 Meter bands shared with shortwave broadcasting). And we will give Mr. David Newkirk the benefit of the doubt and add another 500HRZ's for the out of band power houses. So that totals to 3710HRZ's.

And that leaves the utility stations with only 9440HRZ's!!!! Poor Little Buggers, not much room for them to work with.

90 Meter is only 200HRZ and 60 Meter is only 310HRZ, a total of 510HRZ. And between the 90 & 60 Meter band we have 45+ of those #?!#/ Little Buggers running all over our DXing Bands, and they have 9440 HRZ to do their thing!

Well Mr. David Newkirk, I am not blowing off steam, I am just stating the Facts!



# VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

## ADAPTORS FOR TESTING OLDER TUBES

Most of the tube testers available today are set up to test "modern" tubes. In order to be able to test many of the earlier tubes, one is faced with a minor problem. The majority of current testers will only go back to the octal (eight pin) bases. In the development of the thermionic tube, the octal base rates a modern score in that it dominated tube basing for an entire decade; from the late thirties to the late forties.

Fear not, dear friend, for there is a solution to testing those old four, five, six, and seven pin lamps. Rather than searching through the flea markets, swapper sheets and club journals; you can easily rig up a set of adaptors that will fit your modern machine. The cost is negligible, but the satisfaction is great.

Your parts list should include about eight to ten octal bases. ETCO Electronics offers a good supply of these little babies (009MS) at 26¢ per. You will also need several chassis-mount sockets for WD-11, four pin, five pin, six pin, and seven pin tubes. A UV (short pin socket) base would also be recommended. These tube bases may be scavenged from old chassis, or they may be purchased from old-time collectors. Be sure to purchase chassis-mount sockets, not breadboard, in order that they will be able to be nestled inside the octal bases. This will make your adaptors more compact and appealing to the eye.

The first step in the process is to scarify the inside of the octal shell about  $\frac{3}{8}$  inch down from the rim. This will give you a good surface for gluing the pieces together. Your next step is to remove the spring ring and metal mount from your "special" base. The outer rim of the bottom of this base should then be scarified where it will contact the inside of the octal shell. (See Figures 1 & 2.)

Most of the octal tubes ran their heaters (filaments) between the #2 and #7 pins on the octal base. Locate the schematic that came with your tester and find which socket has this pin arrangement. Most testers will have at least two octal bases. One of these will be the 2/7. The other will most probably be 7/8 or 1/8. Whichever tester base you choose, standardize it and stick to it. Make a mark near it so that you always use that socket for your adaptors.

With confidence in mind and soldering iron in hand, you are now ready to do a little magic. Gather up your solder (resin core only), wire stripper and some 18 AWG wire. Take the four pin standard base (Figure 2) and attach four leads to the four tabs under the socket. The wire leads should be about two to three inches long. You should leave about  $\frac{3}{8}$  inches of insulation on the wire. The leads should show about  $\frac{3}{8}$  inches of wire on one end (for the socket tab), and the remainder of the bare leads is for stringing through the octal base pins.

After soldering the four wires to the tabs, straighten them out evenly (in much the same manner as the leads come off of a transistor). Feed the two leads which are connected to the large pin holes (filament leads) into the #2 and #7 pin holes. The grid and plate leads should be funneled through two of the remaining pins (pins 4 & 5 for example). (See Figure 3.) Work the leads through the pins until the socket is just ready to enter the octal shell. Stop. Obtain your epoxy glue and mix a small amount. Place the glue on the four pin base. Leave a thick layer to assure a good bond. Now finish pulling the leads through the pins. You may have to squeeze the socket into the shell a bit if you left the insulation a bit too long. Twist the socket from side to side in order to more evenly distribute the glue along the roughened surfaces, as well as to work the air bubbles out of the mix. Let the glue set. I heartily recommend 3M Epoxy; as it will harden faster than any other epoxy I've tried (about 15 minutes).

The final task is to pull out any slack in the pin leads, and solder them in the pins. Heat the pins with a high wattage iron and touch the solder to the open ends of the pins. The properly heated pins will wick up a good deal of solder; attach the wire leads; and, strengthen the pins themselves. Snip off the excess lead wire and sand or file off any blobs or drips. (See Figure 4.) Your adaptor is complete.



FIGURE 1



FIGURE 2



FIGURE 3



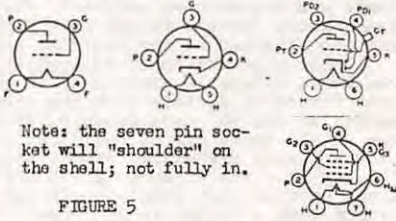
FIGURE 4

When you rig up your five (or more) pin adaptors, you should bring your cathode lead down through pin #8; as this was the most often used cathode pin on the original octal tubes. A good number of tubes had a #1 cathode pin and, of course, many of the multi-function tubes had two cathodes; but the 8 pin was the early standard.

The placement of the other grid leads is not a matter of great importance. Most portable testers will have a selector switch for keying in a certain combination of tube elements for measuring the filament emission and grid leakage. Be sure to note which socket pins have been connected to which base pins. In this manner, you may then properly select the correct setting for your tester/adaptor/tube set-up.

The following basing diagrams will hold true for a vast majority of the tubes that you will be able to test. Nonetheless, it is a good idea to acquire an old tube manual from the forties for use as a cross-reference. These books will list tubes going back to the early twenties (although the term, "Discontinued, for reference only." will continually pop up). If you should wish to test a V99 tube, for example, your four pin socket would not work. The V99 has a filament hook-up on pins 2 & 4, instead of pins 1 & 4, and all of the pins are small. Merely crimp the large hole contacts slightly on another four pin socket. Install this socket in a shell with the filament leads connected to pins 2 & 4, and you're in business.

The basing diagrams below in Figure 5 are recommended for their overall utility.



Note: the seven pin socket will "shoulder" on the shell; not fully in.

FIGURE 5

Conserve some history. Restore a radio.

\*\*\*\*\*

TUBE OF THE MONTH

WD-11 DETECTOR AMPLIFIER TRIODE

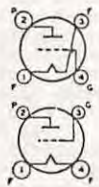
The WD-11 tube was developed by Westinghouse in 1922 for the specific job of operating their Aeriola Sr. receiving set. The Aeriola was designed to use a 1.1 volt dry cell battery for a filament supply. The WD-11 was the first tube to use an oxide-coated filament (in order to boost emissions under low voltage stimulation). From 1923 until 1926, the WD-12 was also offered. This tube was electrically identical to the "11", but it had a UV (short pin) base rather than the long pin/large anode pin configuration of the WD-11. The WD-12 was then replaced by the UK based WX-12 which could fit the standard four prong UX socket.

11

12

DETECTOR AMPLIFIER

Glass types used as detectors and amplifiers in battery-operated receivers. Filament volts (dc), 1.1; amperes, 0.25. Typical operation as diode A: amplifier; plate volts, 150; max; grid volts, -10.5; plate resistance, 16,600 ohms; transconductance, 440  $\mu$ mhos; plate ma., 3. These are DISCONTINUED types listed for reference only.



\*\*\*\*\*

Some odds and ends to fill things out.... NREADKO was neat (if you could get past the poetry!).... My wife likes the Italian "doll" poster.... Several of us crazies toured up to the ARRL HQ while we were in Conn. and I'll have a piece on that down the line a bit (pix courtesy of Charlie Hoffman)... Coming soon is a nice little construction project for you handymen (and ladies)... A special thanx to David Lazell, Jim Halsoma, and John Tuetscherer for your contributions to SWC over the last several months. They didn't get to appear in my column\*\*\* but I appreciated your efforts nonetheless. Trnx.... My last count on correspondence showed that I've heard from 48 of you. Thanx guys.... And, finally, I wish you all the best of DX. 'Tis the season, ya know.

73's *Bill*

VISITING RADIO CITADELLE AND LA VOZ DE LA LIBERTAD

Rarely reported and more rarely QSLed, Radio Citadelle in Cap Haitien, Haiti and La Voz de la Libertad in Puerto Plata Dominican Republic, were stations I had heard weakly and only in winter--when I heard them at all. A Caribbean vacation, with stops at Cap Haitien and Puerto Plata, offered a marvelous opportunity to visit these two small stations. Fellow NASWA member Larry Gutter kindly lent me his Barlow-Wadley for our trip, and the nights were filled with local-quality latin american DX. It was December, 1978; Chicago was snowed in and frozen, and there we were in cutoffs, tee shirts and sneakers in 85-degree sunshine.

On a tour of the countryside around Cap Haitien, the cab passed 4VEH, its whitewashed low building and towers visible for miles above the fields. Passing fruit vendors and jitneys on the road in the outskirts near Cap Haitien, I peered through the cab window looking for a tower, the logical thing to do if you're hunting for a SWBC station. After all, there was 4VEH behind us, and it had towers. No such luck. As we entered the town, I became disappointed. Our driver's English precluded any serious conversation; I couldn't explain what I wanted to do and hadn't left Chicago with the station's address. When my wife Ellen asked me what the station was called, I answered "Radio Citadelle". Our driver nodded and knew exactly where to take us.

Radio Citadelle occupies the second floor of a two-story building; a small sign above a window indicates its presence. Nobody in the first-floor bar seemed to be aware of the radio station above their heads. As I tried to find the entrance to the station, I saw why my search for a tower would have been useless: there is no tower. Radio Citadelle's transmitter feeds a single wire dipole, 30 feet above the ground, with one end attached to the building across the street. They used 6155kHz.

Most Haitians speak no English, some French, and lots of Creole. The Radio Citadelle staff and our cab driver were no exception. It wasn't much of a visit from the standpoint of conversation, but an eye-opener as far as comparisons to US stations are concerned. The studio was in the front of the building, and with the windows open the sounds of the street are easily picked up when the mike is open. Their record library consists of about 50-75 LPs and as many 45s. With cigarette ashes on them they likely don't last long. Anyone nearby changes the record when a number is over, and the nearest LP is the next one to hit the platter. The turntable was ancient, but the operator was a youthful 12-13 years old. It may not have been the most sophisticated operation, but they all appeared to be having a good time. The station manager appeared, asked who I was, and was answered in Creole by our cab driver. When he heard I was from Chicago and that I had indeed received their transmissions, he was incredulous. Just too far away, he said, for their 250 watts to be picked up. Most of their listeners reports come from Haiti and nearby islands and, rarely, from Florida. He was very curious about my receiver and antenna. I asked about those reports from the United States, and he blithely pointed to the beer-can-filled wastebasket and shrugged his shoulders. Answering those letters is an annoyance, the staff neither writes nor reads English, and, besides, who has the time? Radio Citadelle exists for the audience in and around Cap Haitien, and not much else matters.

But we had a better response when we got to Puerto Plata, on the Dominican Republic side of the island. Our afternoon outing would take us near La Voz de la Libertad. Ellen spoke Spanish to our cab driver and he drove us straight to the station. And it had a tower.

In Puerto Plata, La Voz de la Libertad is a big deal. The owner, Senor Pellegrin, has several businesses including a tavern and nightclub and the station, which broadcasts on the AM band as well as on shortwave. When I heard them in 1978 they used 621B kHz, but the current WRTH does not show that frequency for them. We arrived in midday, siesta time, when only a few office staff and Senor Pellegrin were present. Ellen addressed him in Spanish, explaining that we were there on vacation from wintry Chicago (he grinned and nodded), where I had been successful in occasionally receiving their broadcasts (he wasn't surprised). What sort of radio, he asked, and describe the antenna, too, will you? That done, we walked around their offices. They were quite orderly and businesslike. The studio was a serious place also, air conditioned with the windows shut, and lined with acoustical tile, old, but expensive, Ampex tape decks and RCA turntables. Their audience was the Caribbean, Puerto Plata was a

developing resort town, and this station was right there in the middle of that. Did they QSL and answer reception reports, I asked, somewhat embarrassed? No!

It is easy, now, for me to see why reception reports to the Radio Citadelles and La Voz de la Libertads of the world often go unanswered. Having been at those two small stations was less than enough. Our letters ask for a response, but that response will never produce any income for them. A government station may answer my letter for public relations reasons, but a small regional station has scant funds to pay someone to write back to me. Once they get over their surprise upon learning you've received them at great distance, a more pragmatic "so what" takes hold. And there you have it. Moral of the story: consider yourself lucky if that little station in Lower Nowhere answers your QSO.

Jay Golden, Chicago, Illinois

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" GRP "

by Bill Whitacre

Ever since DXing started as a hobby there has been a fascination with reception of low power transmitters. In this time of ever-increasing transmitter powers used by many international broadcasters, it seems appropriate to muse a bit over a few GRP catches. I'm sure we all have our favorites, both shortwave and mediumwave, and I'd like to tell you about one of mine.

I'm sure that on the top of many people's list for shortwave GRP is CKWX - the western wonder - with a whopping 10 watts and while this provided us all with quite a thrill, my favorite GRP is a mediumwave catch.

Back when I first joined the DXing hobby, the stereotypical DXer was one who pulled his share of all-nighters. Listening in that special quiet that exists between dusk and dawn one could hardly help but feel that something special might fall on the next twist of the dial.

Nowhere was this feeling more acute than with the special breed of mediumwave DXer who, resisting all forms of fatigue and frustration, pursued the band on Monday mornings. Back then, Monday mornings were something special on MW as it was an unwritten rule that many stations would be off the air for maintenance and/or testing. You were never really sure what you would hear - the last frontier of DXing, you might say. Mediumwavers took advantage of this time to arrange with stations to do testing in the hopes that whatever station normally dominated the channel would be off. If you were lucky, you might hear a station that you normally couldn't.

These special tests were most appropriately called "courtesy programs" and for a few DX seasons I pursued the CPC trail. (CPC = National Radio Club's Courtesy Program Committee) It was on one of these long, cold winter mornings (isn't it always) that I determinedly tuned into 1510 KHz waiting to hear WPUT, Brewster, New York sign on for their test. Sure enough, they came on with 1000 watts non-directional on a crystal clear frequency. I was excited about this test since it was announced that in addition to the regular 1 KW, WPUT would be testing with their PSA (presunrise authorization) powers of 56 and 4.2 watts. What an opportunity! I steadfastly kept the recorder running as they dropped power to 56 watts - still no strain copy, weaker but with them playing a Sousa march I was all set. Then came the moment of truth - they were going to 4.2 watts and putting on another Sousa march - thank the Lord for loud music and heavy modulation. The signal took a nose dive and stabilized at a very weak but quite readable level thanks to no interference and almost no noise on the frequency.

A short week later back came a verification from the chief engineer saying that I was the farthest listener to correctly report their 4.2 watt PSA. Quite a thrill for a half-awake and sprouting young DXer.

What about your favorite GRP catch??

# Listeners NOTEBOOK

GLENN HAUSER  
University Radio WUOT  
Knoxville, TN 37916



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## PROPER CREDIT

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K E Y Letters along left margin enable you to spot items in categories of interest: D = death  
E = English, H = harmonic, J = jamming, L = program listening, M = mediumwave, P = future plans, Q = QSL info, S = stamps/postal, T = time jumps, V = television, X = DX programs

- ✓ AFGHANISTAN Loud feeder on 10457.5 at 0150 //15255(USSR) which had awful RQA [?] and whoosh on sig. Watch out, as 0230/0300\* or so, VOA ISB EG/RS feeder is around 10457--don't be fooled (Richard Stoller, Middletown CT, 8/10) R Afgh's ES 1730-1930 still hrd on 9665 7280 E //15077--EG 1900-1930. 14/9 9665 & 7280, believed from USSR, erroneously carried RA's DS; as happened 13/7 & 21/8. 21460, usually relaying RA DS Pgm-I via USSR xmtr, also inexplicably switched between RA's Pgm-I & IL, 24/6 & 12/9 (WBI 17/9) RA ES in AR hrd 1700-1730 E on 17849; 1730-1830 Pashto/Dari, 1830-1900 GM, 1900-1930 EG still hrd on 15077 9665 7280 (WBI 8/10) Afghan nx agcy Bakhtar reported 12/10 that agreement signed in Kabul 11/10 provided for delivery of two 100 kW SW xmtrs and a 1000 kW MW xmtr for Soviet BCs to Afgh (WBI 15/10)
- ✓ ALBANIA R Tirana ancd 22/9 that clox'd be backup an hour as of 0100 local 4/10 to GMT+1 T (WBI 1/10) Affecting Gjirokastr sked but not ES (gh) 20228, 4 x 5057, 16/9 1052, ID & mx H (Mike Dawson, Berks, WDXC Contact) Better here on 5th, 25285 whenever 11m Euros impending (gh) RT's nom 5985 xmtr needs overhaul: Czech 2210 21/9 on 5982.3, fair; 5/10 2010 Hungarian on 5978.9, hetting Moscow EG to UK 5980, unharmed BBC 5975 (Joachim Kornek, FRG) Euro-J pean hams have been deliberately jamming Tirana's 7065 fq (SCDX broadcast 22/9)
- ✓ ALGERIA RTVA 20/9 0650 FR weak and undermod on 15278.9, off 0658-0703; // 9509.5 found where 7:00 TC was 3 sec ahead of UTC; both hrd next day 1908 and thereafter. 25700 usually unusable, P-F carrier only around sunset-2100+ (Kornek, W Germany) Peru also 9509.5 (gh)
- ✓ ANDORRA Assembly ratified nationalization of the two stns; R Andorra to resume after six P months (Le Monde via Andy Sennitt, CSDX 13/10)
- ✓ ANGOLA RNA 11955 9660 9535 7245 7215 4820 3355 are all active (Richard Ginsby, RSA, RNMN E 8/10) Last few days, 11955 not carrying ES 2200-2300; those only on 7245 9535 (QTH Af 30/9)
- ✓ ANGUILLA QSL [from Caribbean Beacon] says they'll start SW in the fall, no fq mentioned; try P 6, 9 and 4 MHz [sic] (Mark Warner, WDXC ENS Sept)
- ✓ ANTARCTICA 15474 28/9 2353-0005, SP mx, ID 2356 (Dean Reich, Prospect PA) LRA36, R Nacional Arcángel San Gabriel, tnx Greenwood tip, 28/9 2340 pop mx in EG, YL most, OM ID 2347, G til ute 0000; 11955 blocked; 333, on 15476 (Andy Newton, Atlanta GA) 15476, 2300 SP tlk, Arg mx 0048 nx, ID & march to 0103\*; best ever 29/9, but off air since 1/10; also hrd on 6029 some days, always closing 0103\* to 0110\* (Ernie Behr, Ont.) Reactivated 6030 2/9 at 0030; ID gives 11955 & 15476, not hrd. Ancd sked 2200-0100 w/mx & features; G here in Buenos Aires, and I think they use 10 kW (Carlos Bazán, Australian DX News) Now's the time to try for this continent; both 49m stns hrd lately; try 6029 around 2300+ when fq clear to about 0000 and AFAN 6012 noted 25/9 around 1130 (Cedric Marshall, Ont., DX Ontario)
- ✓ ARGENTINA R Malargüe, Mendoza, 1 kW on 6160 //MM 5 kW 1120; started in 1965, general call LV-19, \*1000 daily; recently integrated into Cadena Argentina de Rdf; serves region of some 20 kpeople, virtually a 'frontier' stn w/local industries petroleum & minerals; stn staff number 20 (Carlos Bazán, ADXN Oct) Telam nx agcy says petroleu and that CAR'd be disbanded and cease ops 30/9 as part of govt spending cuts; when CAR closed, R Belgrano'd be incharged of "commercialization" of the Arg BC net (WBI 17/9) R El Mundo noted twice, 6120 0945 8/10, a1 most nonstop talk by 2 men mixed w/symph mx, few IDs; het de 6120 carrier & a bit overmod. 11755 0759 29/9, man w/fqs, 5 short & 1 long pip, ID, world nx; QRM onID carrier 11754, FEN

11750, Cook 11755 (HI only state where Cook can QRM, hi) (Dale Park, Honolulu HI) R EM 0830 on 11754.7v; VOA block 1000-. RAE [sic] 9690 0130-0300\* SP & PT 0200- (Chris Martin, Sydney NSW, RNMN 22/10) instead of 11710, incl EG 0100? Nov & Dec may bring peak reception as in previous yrs, QRM permitting (gh) RAE [sic], 11710 0130 ending EG, asking for reports to Casilla 555, 1000 Bs As, then SP (Rick Jackson, Christchurch NZ, Sept NZDXT) LW14, R Pro-X vancia, has DX pgm Sat 0030-0100, DX Line, on 3245 6080 (Néstor Rubio, SCDX 6/10) New stn? Unsure I copied details correctly & print version not in yet (gh) R Nac, Bs As reported 7/10 that its new channel LRA37 (Ed note: currently 99.1 MHz) had inaugurated a new xmtx beam-ed mainly to border regions, the 'largest & most modern 100 kW SW xmtx in Arg', fq ungiven (WBI 15/10) LRA37 [FM] is supposed to be in Bs As, per WRTH 81 (gh)

✓ **ASCENSION** Ignoring the QRM it causes to RAI even in Nam, BBC WS has moved to 9575 from 2255 E w/local ID 2259, ex-9600 due to Moscow/Cuba, 23/10 (gh) to 0200 (Ralf Munster, GA, 12/10)

✓ **AUSTRALIA** Time change for ARDNC ham net to 1030 Weds on 3565 LSB, w/DX tips, stn nx; among X those active are Rob Wagner, VK3BVW and Don Rhodes VK3RMB (Oct ADXN) [Cf July LN-2] From a P private source I learn that R Australia is setting up a new xmtx at Townsville Qsld for bet-ter coverage into PNG (via single-hop xmsn path rather than present 2-hop from Shepparton). Townsville is centre for large mily base incl AF, plus comms facilities, WW2 carryover (Bob Padula, Vic., 15/9) The 4 unions in the ABC have continued their criticism of the govt's proposed cuts to the svc. Spokesman Collis George said "some cuts could mean end of RA's Viet lang section" (RA nx 9/8 via John Mainland, NZDXT) RA left 15115 xmtx on 5/10 after sked 1030\*, test tone 1045, some mcbx IS past 1120, but off 1135 recheck; same next 2 days but closing earlier (Dale Park, HI) VL2UV Sydney, main xmtx on 1750 kHz is from 300 watt xmtx, 1/2 wave vertical at Concord West, western Sydney suburb; eastern suburbs & coastal area such as Bondi & Coogee couldn't receive well; since Univ of NSW is at Kensington in E suburbs whence all pgms emanate, a small repeater was installed at the U in 1980, 160 W to umbrella aerial on 16-storey roof, and this 1720 kHz installation has proved very satisfactory (David Foster, Merton, Vic., DUDXS) VNG has new addr, Box 249, Clayton 3168, Vic, per 59-day 1-IRC QSL (D. Sommariva, Play-DX 21/9) Since Sept, ABC Radio One, Melbourne, at 2030-0800 on 11880 (Chris Martin, Sydney, RNMN 22/10) Earlier now w/summer time? (gh)

✓ **AUSTRIA** D81 changes of ORF: Eu 2000-2200 9710 ex 9615; SWEU 12015 extended to 1400-1600; Nam 21655 time change to 1230-1330; SAM 2100-2300 11850 ex-15200. ESAM 2100-0200 11665; WAF 1900-2100 11915 ex-19m; SAF 1700-1900 17825 ex-13m; AuAs 0700-0900 17770 long path ex-13m; EAs 1100-1200 15415 (ASWP 12/10) Aldrans Tirol svc on 6000 sked 0400 (Sun 0500)-2130 (Sat 2305) (WBI 24/9) Schulungssender des Österreichischen Bundesheeres (Austrian Army Training Xmtx) is indeed active on 6221--19/9 visit to stn on Gussnegelstr in Wien revealed they op daily 0930-1430 and sometimes make a test xmsn or two on a Sat. I was told that their xmtx power is always "1 kW or less" and that they normally use "400 to 700 W output". Q They welcome reception reports but say that due to staff shortages, can't answer each letter personally and thus don't often check reports for accuracy (Al Muick, Augsburg, FRG)

✓ **BANGLADESH** Recently rcvd R Bang sked shows ES in EG: 0445-0515 21685 15400 7220; 1230-1300 E 21670 15280; 1815-1915 15285 11765; slow nx 1900 is for diplomatic staff abroad (RA DX 4/10)

✓ **BELGIUM** [Cf Oct LN-2] BRT can't use 250 kW to NAM due to antenna limitations; QSL folder is E incorrect; they inc'd the wrong power. EG for D81: 1335-1405, ex-1350 on 21810 21525 [M-F presumably], 1705-1750 17595 Af ex-21810; 6010 Eu; 0015-0100 NAM 9515, SAM 11860 (Jim Conrad, IA) I fear 9515 will conflict with Greece which has been there for ages to Nam(gh)

P That sked effective to 31/12 only. From 1/1, 1705 xmsn will be replaced by 2000-2045 & 2200-2245 to Eu & Af, adding MW xmsn w/600 kW (Frans Vossen, BRT, RNMN 22/10) The 2200 if on SW might reach NAM better than 0015 (gh) RTBF sked starting 27/9 included a 6-month-old statement by Chief of its Intl Production Centre, saying the ES had to fight for survival especially due to competition from local radio. CPI could only operate 1030-2000 so RTBF ES in morn would only be domestic relay; two journalists had been reassigned from CPI to DS--ES being whittled away (WBI 1/10) I've heard rumors that David [onson] had a bit or a run-P in with the management of BRT over his 'style' and will not be returning from his vacation (Kenneth Vito Zichi, ASWLG Oct)

✓ **BELIZE** I spent an hour listening to the independence ceremony at 0530-0630 21/9--heavy ute QRM but EGSS made listenability quite clear. All taped but basically quite boring descriptions in EG & SP. Still, it's very unlikely there's going to be many more, if any, opportunities to hear this sort of thing on SW (Don Moore, Bellefonte PA) R Belize has a 10 kW xmtx on 92.9 since 3/80 called "FM 93", 6-11 pm local nightly + weekends (Steve Webster, RCI SWL Digest 3/10) WRTH had it on 92.2; a distinct DX possibility by sporadic E along the Gulf coast but also as far inland as NM, MD & VA (gh)

✓ **BHUTAN** R NYAB with their Wed EG xmsn 1330 on 4692--mostly EG pop songs w/5-min world nx at E 1345 and off 1400 8/7 (Asok Kumar Bose, Shillong, India, UAUX) No luck here the checking every Wed & Fri eve (Sarath Weerakoon, UAUX Ed, Sri Lanka) On 4595 ex-4695, 1230-1400 Wed & Fri, good reception (Sarath Weerakoon, via Victor Goonetilleke, RNMN 22/10)

✓ **BOLIVIA** R Frontera, 4730, I have positively IDed and taped in May & June, and mixing with Abaroa as recently as Oct. Abaroa is dominant; both stns have similar formats, so I listen for these IDs: LV de Cobija, R Cobija, LV Frontera en Cobija, R Frontera de Pando en Cobija --and note there is often a YL here, and this is not the case with Abaroa. If you hear "Riberalta" you know it's Abaroa [remaining comments critical of those refuting this in Oct FRENEX LR p 42 censored by order of the NASWA mgt -gh] (Maxfield Greenwood, PA) R Illimani reported 10/9 that the Genl Info Secy'd confirmed that restrictive measures, incl radio nx

networking, still remained in force (WBI 17/9) R Grigotá, 4830v, has GM Sat 2230-2330, JP Sun 2315-0015 (Tony Jones, Paraguay, via Andy Sennitt, RNMN 15/10)

✓ BOTSWANA Zimbabwe BC reported 12/9 that US 50 kW xmtr would begin BCing VOA pgms 13/9; VOA M sked shows Af svc in EG 0300-0430 & 1730-2200 on 621 kHz (WBI 17/9) Off air feed, and often adjacent channel QRM is rebroadcast (QTH Africa 20/9)

✓ BRAZIL From the beginning of April to 14/10 I have been intensely DXing tropical band Brazilian DX, amounting to a survey. This is primarily gray phase DXing (± 30-45 minutes either side of sunset or sunrise here or there) my antenna is not bad, but not the equal of a 180' longwire--usually, except during rain its ground-plane aspect (it's much more than a simple ground-plane vertical!) make it quite substantial. I commence with 120mb:

2320 R Oito de Setembro, during very good openings only; slick, smooth, laid back, with modern Bras mx and even some Sinatra noted; hever hrd above poor. 2400 R Educ São José, marginal often but has shown at poor levels, with many IDs, much mention of Macapá; and hrd Bras ballads. 2420 R Carajá, P-F in Maine in AM and 2 in FM during big openings, many IDs, word Carajá easy to note thru QRM. 2450 R Cult de Aracatuba, fairly regular, marginal 'tease', but have got several IDs; once at 2430 OM shouted ARAÇATUBAAAA! 2490 R Educ Rural, where there are very good openings, this propagates at fine levels--Bras pop, mellow, discrete IDs, noted best in PM. 3205 R Ribeirão Preto, often in, P-G depending on condx, hyper promos, ads, IDs, mixed bag of mx. 3225 Lins R Clube, propagates about like Preto--format is mellow Bras, sedate IDs (note, since I listen to none of this every day I can't be responsible for variant formats, hi). 3235 R Clube Marília, one of my happiest quality reception catches, as is always buried under ute, but in mid-Aug grey line propagated before the ute. All excited talk one day, and all mellow to upbeat Bras another day; many ID 3245 this fq jumping lately with both R Educação Palmares & R Clube Varginha making relatively fine showings in Sept & Oct. Educação is rustic & rough-edged, Clube is smooth and pro, with mellow Bras ballad; both ID sufficiently; Educação IDs incessantly--YL here has "girlish" cute voice. 3255 R Dif Uberlândia, exciting catch, as one must beat LV del Tigre coming in, and as with Marília, mid-Aug favors Uberlândia 2315-2345; distinctive IDs and strong signal. 3265 R Cultura, Poços de Caldas, several fine receptions in spring, but next to nothing since; stn of rustic quality, chatter, ranchera mx (I once mistakenly placed this in the Mato Grosso, but per WRTH it's in Minas Gerais) 3275 R Dif de Alagoas, Bras pop, IDs, poor, a couple times before Mara slams down and covers all on 3275. 3285 R Clube Teresina, several morns, in late Aug, strong levels, OM, loud talk, replay soccer hilites, not an easy ID and QTH not mentioned much. 3295 R Iguatemi, I've neglected to note format but its 10 kW is often here. 3315 R Assunção and R Educação Rural, Tefé--for me my best catch of these 6 months--13/9 both similar EZL, mellow Bras mx, R Fortaleza (as it is sometimes Ided) s/off 0100 and R Educ Tefé continued on 232 SID; almost as tough as they come. 3335, this is a take-care fq like 3245, as two are here, one will dominate, but you can't say which--must fix ID, R Clube de Conquista & R Alvorada. On Alvorada I have noted religious mx, and even some EG hymns; on R Clube, much fine Bras pop and some EG songs. Both can generate fine sigs; Clube is an early propagator, 2300t. 3365 R Cultura Araraquara, EG E pop & an EG ID noted here, besides PT; not uncommon. 3375, again a tricky doublet: R Clube Dourados & R Nacional de São Gabriel. Both can and do put in strong sigs, but São Gabriel propagates like a Venezuelan, and in AM can be hrd beyond 1030 GMT at good levels, so get that ID, but if lasting long & strong in AM it's São Gabriel. 4753, I noted R Educ Rural, Campo Grande at fine level in April in Maine in eve but not since; QTH? 4755 R Dif do Maranhão, often strong, at times on 4756, best in AM (60mb Brazilians tend to do very well in AM as are free of all the LAm & Afro QRM); many IDs. 4765, another Brazilian that propagates like a Venezuelan, and puts in very fine sigs, again especially in AM; as late as 1100+ [presumably R Nacional de Cruzeiro do Sul -gh]. 4775 in late June and well into July is a fine time to get this pretty tough catch; exclusively mellow Bras pop/romantic; many IDs and mentions of Aracaju. 4785 R Ribamar, São Luiz, noted at times almost Afro-Bras PT; free style lively stn, often at fine levels at \*0800. 4795 v to 4797, R Tabajara de Paraíba pretty hyper, many IDs, upbeat Bras, good in clear AM sigs, often in. 4805 a doublet here--in mid-July area the little 500 watt R Itatiaia, Belo Horizonte makes some fine showing 0900-0930, YL & OM and child chattering away on religion, many references to B.H.; R Dif do Amazonas I have noted uncommonly late, circa 1100, and not until Oct and like with São Gabriel it propagates like a Venezuelan. 4815, I have yet to log a Bras here!, my jinxed freq; several have logged a new one here but I don't know its name. 4825, a pleasant and I suspect uncommon catch, fine level \*0830 1/8 with promos, IDs, ads, mellow bras with Indian flutes, R Educ Bragança; only very poorly & tentatively in the past. 4835 Boa Vista dominates. 4855 invariably early in PMs have often noted at poor levels, Por um Mundo Melhor--Bras ballad, talk, many IDs. 4875, R Jornal do Brasil, Bras mod pops, uncommon. 4885 on rare occasions R Dif Acreana noted AMs only; dominated by R Clube do Pará. 4895 R Baré, loud, hyper, pop mx, many ID, often, and dominates fq. 4905, several fine loggings of R Araguáia, at times extremely strong, \*0800-0820 when Relógio takes over (the 'clock' stn); in PMs, Relógio only. 4915, uncommon, but have gotten a few loggings of Anhanguera here; romantic mx format; generally this is dominated by R Dif do Macapá. 4925, R Taubaté, rustic stn, in early AM. 4926, smooth & slick R Dragão do Mar, a new arrival in Sept; much talk, at times, 0130, YL sigs ID; good signal. 4935, R Capixaba uncommon but noted now & then--seems to go for speeches here, at least 5/3; a real exciting speaker and cheering crowd; IDs given over speech. 4955 R Cultura, Campos, listed -gh] logged once in AM circa

0830, OM PT & ID. 4975, there is much more available than one would think; to avoid 4975 ute, just go to USB, and one can get at times, fine signal, many IDs; Timbira easy one to hear. 4985, R Brasil Central always dominates. 5015, R Cult Cuiabá, 24h stn, sometimes quite strong, many IDs; Teresina's Pioneira can also be had, but I haven't succeeded yet. 5025, R Vitória, when I was in Maine, boomed in at 0800, hyper, rustic, wild. 5027, in AM only, \*0900 R Jornal Transamazônica, Altamira, puts in fine signal at times, fine rustic Bras (it's Hore-nal, not Jur-nal--this had me goofed up). 5035, R Aparecida, in PM only, Bras & EG pops at times, many IDs, good sig at times. 5045, R Cultura do Pará, and I've remembered rare catches of R Dif Presidente Prudente here also. 5055/5057, R Mauá, São João, Meriti, many ancrs, OMs & YLs, mixed mx, many IDs, sometimes a decent signal. A few other excellent catches off the top of my head, logged by others are 3385, R Congonhas and 3295 R Tapulo, both by Stu Klein, I think (all the above, Maxfield Greenwood, PA & ME) Spelling of last one questionable; WRTH contradicts with Tapulo in back, and I thought it was Tapóio, or is this a different one? (gh) R Dragão do Mar, 4926, 19/9 0020, fast talker to 0023 ad, w/man talking to bewildered women, several IDs 0030, Fortaleza mentions, SIO 333, Greenwood tip (Andy Newton, GA) 4926a, R Dragão do Mar, 0230 2/10 and since, very loud w/ad and such, extremely loud for Braz at this late time, abrupt 0240v\* some days w/out NA or any noticeable anmt (Richard Stoller, CT, 8/10) R Evangélica, 4835, says it has 5 kW and its addr is C.P. 129, 79300 Corumbá, MS; Gte: Samuel Paiva de Figueiredo (WRTH-LA 20/9) R Dif Jataí reported with 2.5 kW on 4935 ex-2470 (Cláudio R Moraes, *ibid.*) R Marajoara, Belém, ZYG361 on 4955 (SWB/official info, *ibid*) R Marajoara used to be on 15245, and was liged for a short while on 3355, but WRTH listings indicate it left SW in 1975-76; hrd on 4955.6 22/8 2240; only listed on 1130 kHz currently (Stefan Bursell, AWR DX 13/9 via DSWCI) P R Universo plans to go on 25m in 1982 to avoid losing its authorization; SW [9545?] is not //MW; SW is mainly religious commercial pgms; hard to get an answer from stn as they usually pass on SW reports to time-buyers; so concentrate on technical details, not pgms in this case (Roger Stubbe, after visiting the stn. HCJB DXPL 21/9) After many weeks I again came across R Timbira do Maranhão on 15215.5, at 2140 20/9 soccer relay, fair sig; also hrd R Inconfidência, 15189.6, only poor, w/usual het to 15190; still no sign of R Globo, 15310 (cf May LN-3); is this one ex-15264v? (Joschim Kornek, FRG) 11895, tent R Caçara, Porto Alegre, 2140-2200 31/8, poor, mx and talk, anmt sounded like "R Caicara", don't confuse w/Turkey; after 6/9 covered by another co-channel stn completely (R Nuevo Mundo, Japan) Don't recall ever seeing this one reported before the listed in WRTH 81 (gh) Jamming on RNB's new Eu channel 17855 also noted, usually a bit before 1930; 15290 & 15445 continue jammed E at various times (Dale Park, HI) RNB on 17850 ex-17810 at 1500 EG; 2100 conversion to FT confirmed on 15280 (Roberto Levinstein, Madrid, RN PT DX 15/10)

✓ BULGARIA R Sofia 9/9 0400-0500 monitored with two net //EG svcs--Af 11750 15285, Nam 11735 E and unhrd 21495, later dropped (Harold Sellers, DX.Ontario) 21495 should've been on the Af svcs. Typo in Oct LN--9770 should've been, of course, 9700 (gh) Among the fqs otherwise MW & FM for the Khorizont pgm which is continuous, is 7670 (WBI 24/9)

✓ BURMA BBS ancd that from 1/10 to 31/12 its Nationalities Pgm on 4725 would be: 1030 Mon, 1100 Arakan, 1130 Shan, 1200 Kachin, 1230 Kayah, 1300 Sgaw Karen pgms; 1330 Burmese nx relay from main pgm, 1345 Pwo Karen nx, 1415-1445 Chin nx (WBI 8/10) Last two 'news' should be non-nx pgms (Isao Ugusa, DX Front Line)

✓ BURUNDI Rdf Natl de la Rép du Burundi, LV de la Révolution, Bujumbura, DS: 6140 1000-1600, 3300 0300-2, 1600-2100 (WBI 15/10)

✓ CAMEROON SN 18/10 R Bertoua, 4750 had EG nx 2200-2204, 2206\* after NA (Dean Rekich, PA) E Yaounde 4972.2, listed as prov svcs, not //4850 from 2135 t/in; mx of tuned percussion and vocals; also modern-sounding rhythms; joined 4850 for 2200 nx; good 25/9 (Jay Novello, NY) P A new regional from Douala will open shortly with 20 kW; watch out on 4 MHz (Andy Sennitt, DSWCI via Mark Warner, WDXC ENS)

✓ CANADA CKZN NF1d hrd daily in 2245-2315 window between non-propagation and excessive QRM; can get very loud w/pgms like pop mx "Tuesday Night" and misc others, but audio seems pretty fuzzy; overmod; kicks up S-meter on peaks; not SSB!, since 29/9 on 6160 (Richard Stoller CT, 8/10) 30/9 CKZN hrd on 6130 [you mean 6160?] 1010-1030 with CBC nx, wx, traffic reports no definite ID but at 1023 and time as 7 to 8 (Dean Rekich, PA) CHNX, Halifax 12/9 2320 on 6129; VOA covers channel after 0000 (Giuseppe Zella, Italy, Play-DX) 20/9 at 0335 RCI & NS playing fill mx in // on 9755 1845 9535 9605 9625 6195 5960; at 0345 different mx on 9625 6195, but both sets of fqs playing same four tunes over and over a few minutes apart (Dale Park, HI) RCI DB1 EG: M-F 0615-0630 & 0645-0700 Eu 11960 9760 6140 D-7155; ME D-17860 & D-15265; Af 11825 9730 D-11775. M-F 1300-1320 Carib 17860 15440, Nam 11955 9575. SN 1400 -1700 Carib 17820, Nam 11955. 1545-1559 USSR 21695 17820-Mon-Sat 15325, D-11935 D-9555, S-11915 S-15315. 1645-1659 Eu 21695 17820-Mon-Sat 15325. 1800-1829 (Sat & Sun -1859) Af 17820 15260. 1900-1929(Sat & Sun -1959) Eu 17875 15325 11905 D-5995. 1900-1929 M-F Af on 17820 15260. 2000-2029 M-F Eu 17875 15325 11905 D-5995; Eu/Af 17820. 2130-2159 NAf/Eu on 17875 15325; Af 17820 15150 11945. 2200-2259 M-F Eu 15325 11925 9760 D-5995. 2300-0059 M-F NAf 11850 5960 (Sat 2300-2329, Sun 2300-2359). 0100-0129 Nam 11850 5960. 0200-0229 M-F 11845 5960 Nam; 0200-0229 S/S same plus 11940 9755 9535 (due to new M-F PT pgm on other fqs) 0300-0329 Nam 11940 11845 11770 9535 5960. 0400-0429 Nam 11845 11770 5960. All Sackville 25C kW except on 15260 15150 9730 50 kW; D=Daventry 100 kW; S=Sines 250 kW. (RCI) Cost-effectiveness study led to decision not to use 75m for NS despite reservation with WARC to allow it (SWL Digest 10/10) RCI reported 9/9 that 2100 technicians had ratified a new 3-yr

- contract which provided for higher pay and job security with the CBC (WBI 17/9)
- ✓ **CANARY ISLANDS** QTH Africa 30/9 carried an extensive schedule supposedly for Tenerife REE; in fact it was for Arganda, Spain, due to misinterpretation of the key-letter A (gh) RTVE hrd w/clear ID in SP one day, 19/9 on 15412.3, 2208, P-F // 11815, even poorer, under Libya; nothing on usual 15365; back to normal 21/9 2054 check and since (Joachim Kornek, FRG, 5/10)
- ✓ **CHINA** R Peking revised EG sked from 31/10: ENAm 0000-0200 11650 15120 15520, 0200-0300 on E 11650 15120, 1200-1300 9860f WNAf 0300-0400 11650 15120 15520, 0400-0500 11650 15120. SPac 0830-1030 9860 11600 15435 17765, SEAs 1200-1400 11600 15280 17700, SAs 1400-1600 & E&SAF 1600-1800 11600 15165. W&NAf 1930-2130 7480 9440 11515. Eu 1900-2000 & 2100-2200 6860 and L 9860 (R Peking and via George Poppin, CA) Some R Peking features for Nov: 8 humor in China, 11 where the satellite is launched, 20 Uighur people, 22 TV in China, 28 river dolphins (Nov RIB) CPBS-1 on unlisted 9795 & 11800 26/9 // 11290/11330 0750 Ch opera, 11800 strong but with relay-quality audio; CPBS xmters probably all over China and it would be nice if someone in that area would undertake the chore of pinning down their locations, à la Ollie Alm with the USSR outlets. Sat 26/9 only, unID pgm of Chinese music-drama on fqs not associated w/PRC stns, 3375, 4800 and strongest 4850, from 1257; no pips, amts or other breaks across the hour; 4800 was a R Peking channel several yrs ago; not hrd before 26/9 and not hrd since despite daily checks (Bob Hill, Mountain View, CA) R Peking ES in CH [time?] F-G on 11352a, not listed 11350 (who cares?) 6937.0, tent Kunming, Yunnan, 2315-2335 f/out, v'y weak, W in non-CC As lang, some mx near f/out; fq matches list and f/out makes sense too; I'll have to check earlier (Richard Stoller, CT) Jilin PBS does continue beyond 1230\* of // E 6070v on 3310; 30/8. Hubel PBS, 3940 30/8 1330 w/ID, then rather engaging "EG lesson by Radio"; cf Sept IN-3, WBI sez CPBS-1 \*0100 on 17605; 16/9 had 'em with blank carrier to just beyond 0030, then sudden audio up; this outlet a good band indicator. 17533 R Beijing reversed Russian often good here 0300-0355; neat to hear that new Aaron Coplandesque s/off mx backwards on the hour in place of the IS; "Red is East Th" finishes things off at 0355 or so. No jamming whatever audible here; hrd a number of days incl 30/8. 'dlw ytterP (David Newkirk, Seattle WA) Despite earlier indication from R Peking that EG lessons were done at local stns, hrd same lesson w/3 surprising grammatical errors read by same man & woman 2/8/81 at 2330 on Sinchiang PBS, Urumchi that I had hrd 2/3/80 on Heilungjiang; therefore the lessons must be recorded (Paul Karagianis, UK, UADX) 10/10 Qinghai, Xining prov swc and that from 11/10 EG les'd be on 2nd Pgm 2300-2330 (Not Sat), and 1000-1030 (not Sun), early third xmsn of 2nd Pgm to \*0955 (not Sun) (WBI 15/10) BPM, Lintong, QSLed saying they Q use 10 to 20 kW, non-dir ant on 5, 10, 15 MHz, v/s Yang Huai-xu, Chief, Section of Science & Technique (Shawn McDaniel, Rolling Prairie, IN, 13/10) \*later sked from RP says 9820
- ✓ **COLOMBIA** New R Transamazônica hrd on 6052 17/9 & 18/9 2357-2450, usual Colombian pops, US disco junk, many IDs giving MW, 6050, CARACOL mx 0036; macho QRM de HCJB 6050, ads for Banco de Bogotá (Steven H Reinstein, Miramar FL) Best time to hear it is at the brief 0200 break in HCJB xmsn (Roger Stubbe, DXPL 24/9 via Harold Sellers, DX Ontario) On 6052.4; city is misspelled in WRTH 81; it's San José del Guaviare; 0200 29/9 ID and pgm from Ministry of Education (Giuseppe Zella, Italy, Play-DX) 4936, R Villavicencio, RCN sports nx 2230 20/9 (Giuseppe Zella, Play-DX) Two stns fighting a battle of watts for control of 4875: R Súper, Medellín, 20/8 at 0345 reported by F. Zampa, Roma; and LV del Norte, Cúcuta, 23/8 0251 by S. Mannelli, Firenze (Play-DX) R Nac obs 2/10 on 15498.9 DSB reduced carrier (WBI 8/10) While looking for R Confusion 28/9 0130 found R Nac Colombia, strong & loud on 14626.2/15333 and R Colosal, 14835.0=3 x 4945 (Jay Novello, NY) Very confusing, as Newton and I hrd Habana IDs on 14626 and // 6060 later, see below (gh) 9/9 at 2245 t/in, heard Smart 70, Bogotá on 6160 over Em Nueva Granada. WRTH lists as FM only! US pops & jazz, South-of-the-border stds, Muzak, strong; sounded automated, nonstop mx to 2300, 3 chimes & "Somos eSmart 70, -- estéreo, HJEC (?), 92.9 MHz, Somos Todelar..." and then ads to 2305; another ID & ad sequence 2328, "Somos Todelar, somos sintonía, somos profesionales, y somos Todelar 70 FM estéreo". Weird!! (Jay Novello, NY) Possibly mistuned Nueva Granada STL pickup (gh)
- ✓ **COMOROS** Moroni measured on 3333, clear of Kigali 3330 at 1952; 2018-19 closing amnts in SH, concluded w/booming march/anthem 2019-2020 but carrier seemingly remained on past 2027 t/out (Paul Karagianis, UK, UADX Jun/Jul/Aug) 1855 stn on 3331 nothing 3333 (UADX Ed.) dates
- ✓ **CONGO** Brazzaville, 3264 at 2245 FR // 15190; 90m F-G, 19m v'y loud; no 4765 in FMs, but have hrd it P-F some morns, 0430-0500 or so (Richard Stoller, Middletown CT)
- ✓ **COOK ISLANDS** Returned a few days after 12/9; best over 4/10 & 5/10; former at 0805 had woman hosting Maori-Pidgin phone talk & mx show w/island songs; a day later w/RA nx relay 0800 11760 QRMd by new 11755 occupant, R Moscow, and unID 11765 (Dale Park, HI)
- ✓ **COSTA RICA** Rumbo s/on irregular 1005 on 6078 w/ huge signal, ± 50 db over S9, noted twice at this level (Maxfield Greenwood, Devon PA)
- ✓ **CUBA** R Moscow on 10000 over WWV! (Mitch Sams, AR) 29/9 GMT only, here too 0145, within 50 Hz of WWV; characteristic clipped audio and satellite delay, obviously 9600 xmt'r missing from there clearing BBC; engr probably forgot to complete tune-up process beyond the MHz stage! Next morn, eve & since, back on 9600 (gh) also reported by (Munster & Newton, GA) Looking for Confusion, found SP on 14626 0115 27/9, ID (Andy Newton, GA) You mean 28/9 GMT; 14626 after 0220 had weak FR talk abt Haiti, anti-Duvalier, first thought new land; no // found on 19, 25, 31m, but 0227 RHC ID led me to check 6060 and that was //; w/BFO on, RTTY mix audible, another strange co-site mixing product, I suppose, but Novello, above //ed H 14626 with Colombia and (gh) Habana strong on 14506.2 // 15230 0130 28/9 (Novello) R Rebelde continues vry strong on 5310v, 9 x 590v (Don Moore, Bellefonte PA)

- ✓ CYPRUS CBC ES to UK in GK F/S/S 2215-2245 on 9695 ex-9585, and 7230 (Bob Padula, RA DX 20/9 & WBI 15/10) [Agricultura, below presumably 9630 -gh]
- ✓ CHILE R Agricultura semi-regular VG sig \*1000, trumpet fanfare, IDs, noticias, noticias, no ticias. R Patagonia Chilena, 6080, \*0930 (due to their summer time) now, YL & OM giving ID E including one in EG by OM. Mellow mx, some soft serenading style-at 0945 strange IS has been occurring but haven't located its source yet--quite unusual. [Later] Coming in decently at \*0830 [? -not fully legible] 16/10 & 14/10 (Maxfield Greenwood, Devon PA)
- ✓ DENMARK Current R Denmark sked says now uses 50 kW on one fq only but from beginning of P 1982, a new multi-fq xmtr will be ready; two 500 kW are planned to be operational in 1985. Currently on 15165 w/55 min pgms at 1000 1200 1300 1400 1900 2000 2100 2200 2300 2400; also w/relay of HS 1100-1150 & 1730-1830 (WBI 1/10)
- ✓ ECUADOR The most rare R Turismo, Otavalo (also IDs as R Otavalo) is still catchable on 3240 --Lam ballads, some romantic, promo of drumbeat, ID, "Más música, más noticias..." and many IDs, 0900-0950+ and suspect another stn, surely R América. No logging of this in 2 years of FRENIX; again 17/10, 0900+, 222, same drum routine promo. LV de Bolívar, 5020, also most rare, showing as early as 0815, weak 15/10 at 1020 as Atrato wasn't on; many IDs, 19/10 too, 3+31+32- SINFO tune in at 0750, same format of YL & OM talk & talk, many IDs in SF; peaking 0850, mellow mod mx 0857 (Maxfield Greenwood, PA) R Centinel del Sur, 4890, long NA version at s/off but cut at 0502\* right after first mvmt; maybe Eq Guinea stns should E try this, hi. Good 8/10 (Richard Stoller, Middletown CT) HCJB D81 EG: NAM 1200-1530(Sat/Sun 1600) 15115. 1200-1430 11740. 1230-1530(S/S 1600) 17890. 0030-0700 9745. 0030-0500 15155. 0030-0200 17875. 0030-0130[alternate pgm] 15175 ex-15360. 0500-0700 11915 6095. SAM 2330-2400 15180. Eu 0700-0830 9760 11810, 1730-1800 [ex 1709-1730] 21480 17790, 1900-2000 21480 17790, 2130-2200 21480 17790 15295. SPac 0700-1030 9745, 0700-1100 11925 6130 X no longer w/alternate pgm (sked & DXPL 19/10) From D81 we are dropping the mid-week edition of DX Party Line; to Eu still Mon & Sat 2130; NAM Tue & Sun 0230 + new repeat at 0630 at better time from WNA; SPac time unknown as yet depending on other pgms, likely 0900 or 0930 (DXPL 22/10) No mention of former 0800 slot to Eu nor extra GMT Mon 0330 to Nam (gh) LV de los Andes, 15175 6/9 0200-0230 with DX pgm Club de Amigos (S. Rosa, Roma, Play-DX) More like a mailbag, I think, also hrd Sat 24/10 2200 on 21480 after DXPL (gh)
- ✓ EGYPT When checked 6/10 R Cairo ES in EG to Eu continued on 9805 at 2115-2245, nx 2130 (WBI E 8/10) Perhaps retimed to 2215-2345 after 24/10 w/std time in UK (gh) Cairo radiating hard H monics & spurs: Genl Svc 28425, 3 x 9475 at 2100; V of Arabs pgm on 10005, spurious of 7050 around 2145 (Paul Karagianis, UK, QTH Africa 20/9) AREBC, Cairo 27/9 1126 on 23570, 2 x 11785, Egyptian mx, 33433 (Mike Dawson, Berks, WDXG Contact)
- ✓ EL SALVADOR [Cf Oct LN-4] R Tiempo hrd on 2400, 0100-0220 29/9 & 30/9, and fq as 1200; many h IDs and TCs; man gave stn phone as 25-9466 in San Salvador (Gene Eastman, TX) Careful here--Venezuela's R Tiempo has harmonized before from 1200 to 2400. Last month George thought it was 4 x 600; WRTH 81 shows 600 S.S. stn as R Exitos, none on 1200 but could be new one dropped in between 1180 & 1230 stns (gh) R Nacional better on 5980 than 9553, but most nights 655 is best (Charles George, TX) R Nac w/EZL & rock on 5951a at 0400 (Darryl Holland, NY, 1/10) You mean 5981? You also report Nic 5950 (gh) R Nac hrd past two Mon morns only on 5980 around 1100 (Dean Rekich, PA, 12/10)
- ✓ EQUATORIAL GUINEA RNE, Spain and 2/10 that the Dir of R Ecuatorial, Bata, had been burned D to death in a fire at his home when he was trying to get petrol out of a can to fill up his motorcycle (WBI 8/10)
- ✓ FINLAND YLE=FBC reported 19/9 that FBC wouldn't finance construction of new SW xmtr site. P Per tech dir the company had asked for state finance but no funds'd been rxd. It said the ES was financed by Finnish licence payments and rxd no state subsidies (WBI 24/9) YLE reported 22/9 that Finland intended to resume Summer Time next year just like this (WBI 1/10)
- ✓ FRANCE Chaîne Sud now carried on 6175 instead of France-Inter, so EG Paris Calling Africa E can easily be heard in Eu at 1700 now (Roland Paget, via Andy Sennitt, RNMN 2/10) Again the V season, perhaps the last ever due falling solar cycle and eventual outphase, for hearing TF1--French TV audio--on 41.25 Mhz--in here 17/10 at 1523 (gh) Unselective rx in Af have
- ✓ GABON produced echo effect when listening to RFI direct from France on 1760 and from Africa No One via satellite on 7170. To get around this, RFI has installed a retarding device to put a 1/4 second delay in the direct broadcast, so that those signals would arrive at rx at the same time as the sigs carried via satellite (Paul Bonnet, France, SCDX 1/9) RFI Paris and that its relay via ANO have not been satisfactory due to poor propagation (Matthew Francis, Oct ADXN) RTG Franceville gives this info: 4830 xmtr is 20 kw type TRE 2307 fed to log-periodic aerial; 3350 is 4 kw TRF 7FZ 550/11 linked to dipole. Sked given as 0430-2300 and fqs as 3350/6030 and 4830/7135. Higher presumably days, but changeover times not given (Paul Karagianis, UK, QTH Africa 20/9) Unclear if uninterrupted span as implied, or per WRTH lows 0430-0700 & 1600-2300, highs 1030-1400 (QTH Af. Ed.)
- ✓ GERMANY EAST RBI NAM svc noted for first time here on 9560 0330 8/10 in EG (7/10 was their E Republic Day), F-G, ACI (Dale Park, HI) New D81 EG WNA 0630-0715 11890 6080 (K Krist, VA)
- ✓ GERMANY WEST DPA reported 18/9 that DW & DLF were in financial difficulties following a cut P in their govt grants. A Lower House member indicated a risk of DW having to close down after the PO had threatened to switch off its xmtrs. DW had not paid any xmsn charges since Aug, per the PO. Stn spokesmen confirmed grants cut by 10% for current year; negotiations underway seeking reduction of cut (WBI 24/9) Astounding, as due to its generosity toward monitors, overseas stns getting transcripts and payscales, DW had well-heeled image(gh)

- E D81 DW EG to NAM no change at 0100-0150, but at 0500-0550 drop 11905 and 6185 ex-9650 (Ralf Munster, Decatur GA) DW u/heavy jamming 19/9 15160 IS, ID, theme, 2029, very faint so lang unknown, what and where? (Dale Park, HI) 250 kW via Sines, Portugal, 55° going from DW Hung to DLF Cz/Slovak (gh) R Liberty feeder at 2330 on 10190s, Sov minority langs on both sidebands (Richard Stoller, CT) Süddeutscher Rundfunk, 6030, P-F last few days--EG & GM mx, nx 2300; 2200 fade-in to 2305\* (Dean Rekich, Prospect PA)
- ✓ GHANA GBC Ejura, 2125 20/8 reactivated 4979 // 3366 vern (Klaus Seifert, GFR, DSWCI SWN)
- ✓ GREECE R Stn Macedonia, Thessaloniki, on 9815v and 9575 at 0630-1030 Sun, 1100-1430, 1930-2030 (WBI 8/10) VOG sked changes: 2100-2150 Au 9525 9655 9635, 2200-2250 Au 9525 (Christos Rigas, Chicago & Bob Padula, Surrey Hills Vic, 15/9) 2300-2350 GAm 9515 ex-9655 w/SP nx 2340 (Rigas) 9655 2200+ SAm ex-9615 (Padula)
- ✓ GRENADA RFG has been no-QLS lately but here's a chance to get them thru the back door--Sun Q 2100-2200 Powerline pgm is from Radio-TV Commission of the Southern Baptist Convention, 6350 West Freeway, Ft Worth TX 76150, and they will QSL--no rp required, v/s Jerome B Pillow, Audience Response (WDXC Contact Sept via SDXA Go-DK Oct) 15045
- ✓ GUAM KTRW's 3rd and 4th 100 kW xmtrs to be in use from 17/10, IN & CH 2100-2157 (Arthur Cushen, RNZ 5/10)
- ✓ GUINEA-BISSAU Except for one test xmsn on 5038 circa last Sept week, not noted in over 2 months--but due to there always being a carrier on 5040 during 60m time, I can't say it's gone (Maxfield Greenwood, PA)
- ✓ GUYANA [Cf Oct LN-5] 5980 has been off for years, and BBC nx at 0700 is surely from Sierra Leone as reported in Oct LR-B (Behr, Ont.) Don't you believe gh's 26-27/9 SWL Digest report about 2 stns here--the one on 5980 with BBC nx 0700 is SLBS, and if he had waited around on the fq long enough he would have heard the ID after the nx (Steve Webster, Ont., DK Ontario) On the 5980 yearly dilemma, I must agree it's not Guyana-1 at 0700; I've never had anything but Sierra Leone at 0600-07++ fade out. GBC-2 \*0727 on 5950; 5980 does not, at least so far. And I've been checking. This AM it's 0815 and 5950 is going strong w/Hindu type mx; nothing but CW & OC on 5980. Anyway GBC ancrs are easy to understand and a mixup should not occur if people really listen. SL is usually muffled sounding and so the IDs tho frequent are hard to read, but the many mentions of Freetown are the dead giveaway (Paul Kowalski, Milwaukee WI) 5950 hrd at \*0729 13/10, short anthem, flag pledge, s/on msg mentions Regional Svc on 560, 700, 5950; Genl svc on 760, 100 MHz; on the air to midnite, then into religious pgms. No mention [on 5950] of GBC-1 or 2-or 5980; nothing hrd here 13/10 on 5980 (Syd Osterman, Toronto, Ont.) Ch. 1, GBC on 5980 \*0727 or \*0757 to 0130\* or 0200\* or 0210\* depending on day of week; ch 2 \*0727 or \*0747-0305\* or 0500\*; new addr is PO Box 10760, Georgetown (Leslie Edmonds, Guyana, via Andy Sennitt, RMMN 15/10) Regarding Leslie's report, on 5980, my monitoring goes like this: SL to 0800 or 0820 f/out, and a carrier loss about 0830, then no carrier until 0900 & marginal reception, with exceptions; it is possible I am not getting a s/on but a grey phase only propagation and they are on before 0900, and this is complicated by a carrier on 5982 that has me guessing, tho I only hear a ute. (Maxfield Greenwood) Later: 5/10 R, Demerara s/on at 0900, and since they rarely warm up, it's usually best to tune in on 5982 and then follow the drift down to 5980; today I have a 6:05 TC at 0905, and a weak Demerara ID; I'm sure about this. I peak all my systems and I get one loud "Voice of Guyana" ID at 0906 (Greenwood) 5980, R Demerara, 0905 noted 22/7, good sig, but severe ute QRM, w/out question this was R Demerara and IDing as such, at 0915 "This is Demerara, the Voice of Guyana, Georgetown, 15 after 6 AM", OM & YL thruout speaking in very good EG, seemed like local nx (Greenwood, SDXA DK-TRA) R Demerara, 5980, 0909 21/9 weaker but no ute this time, 0927 f/out; also 28/9, 2/10, per Maxfield who's sent me a copy of the RD logging, w/ID (Bob Bodell, SPEEDXGRAM)
- ✓ HONDURAS The first elections in some time will be held here 29/11--a good time to check for P some of those rarer stations staying on late (Don Moore, PA)
- ✓ ICELAND ISBS evening relay for fisherman currently hrd 1830-2000 on 13797 USB ex-12175 (WBI 1/10) No trace of it 10/10 & 11/10, but probably due to condx as hrd next weekend and subsequently including 17/10 1920-2010, weak programming, no ID hrd (gh) ISBS did appear 18/10 Sun on 13797, 1942-2003\*, fair sig definitely on AM not SSB. Surprisingly clear audio tho heavy QRN; long talk by M w/occl ment of Reykjavik but no actual ID hrd; s/off in mid-talk 2003; much better sig than ex-12175 (Steve Reinstein, Miramar FL) For D81, 9595 has been registered for 1800-2200, 10 kW (Bob Padula, ADKN)
- ✓ INDIA Each year "ATA Day" is featured in the DX pgm Radio Monitors Int'l via SLBG; ATA, the chronohertz stn at Kalkaji near Delhi invites you to tune in Sun 29/11 on 5, 10 and 15 MHz, and report (with rp) to: ATA, National Physical Lab, Hillside Rd, New Delhi 100 012 (RMI)
- E WRNH shows Sun sked 0430-0830 (gh) AIR on new 15275 EG to ANZ 1000-1100 ex-15285, // 15205 15350 17387 17875 21695; to NEAs 2245-0115 11895 15275 9535 (Craig Seager, NSW, RADX 4/10) AIR Madras on 9525, IS from 0123, \*0125 w/Vividh Bharati pgm; usually u/Warsaw but sometime mixing at near-equal strength; also seems 3rd stn under these; some sources list \*0100 or \*0115, but \*0125 is correct; 23/9 + (Bob Hill, Mountain View CA) AIR says its nx div would E start a spl nx svc in HD & EG from 2/10 covering events from developing world based on the non-aligned nx pool, Fri in HD at 0530, EG 0630 on the Delhi "A" svc (WBI 8/10) WRNH shows P Delhi-A not on the air at those hours.... (gh) AIR Bangalore is to install 250 kW SW xmtr shortly for BCs to be hrd outside Karnataka state; also audible outside India (Aravind Nath India, UADX Jun-Jul-Aug)
- ✓ INDONESIA RPDT2, Bulungan (assumed), tuned on 2977 at surprising strength 25/9 from 1350 in

lagu melayu; at 1357 amnts o/Percy Faith version of "Where Is Love?" to 1400\* S/off. ID, if any, was unreadable because of weak speech modulation (Bob Hill, CA) RRI Padang 4003 outlet call is YDL; xmtr is 10 kW HF 10-B fed to delta match aerial; sked given as 2300-0100 & Q 1000-1600; report to Ain Zainuddin, RRI, Stasiun Padang, Jalan Jend. Sudirman 12, Padang, Departemen Penerangan (Paul Karagianis, UK, WDXC Contact) Stn on 4805 believed to be RRI Kupang, not Jakarta; relaying nx from capital at 1300; Jak has left 4775; Bukittinggi 4910 \*2300 4/10 anjing 2 SW fq's and an FM (Sarath Weerakoon, Sri Lanka) RRI G but undermod on 6188, 1300 Jak relay; stronger; RTTY QRM; list Manokwari (Mitch Sams, AR, 28/9) 6/10 was good Indo morn, or at least for Irian Jaya: 4875 Sorong, 5451 Biak, 6207 Serui all F-G c 1150 (Andy Newton, Atlanta GA) It could easily take 5 LN pages to reprint all the worthwhile Indo info in the latest Down Under DX Survey, so we'll only take a taste; the entire publication which also covers other Asian DX is 6 IRCs by airmail from DUDXC, 7 Donald Rd., Burwood, Vic, Australia 3125 (gh) R Angkatan Udara, Medan, still on 3367 w/750 W RCA xmtr, 17m high and 44m long T-antenna; 2300-0100, 0900-1600; on since 28/12/68. RRI Fak-Fak, before, during and after Ramadan and just one W/L, 62,63m (4790) tho 3642 was added during Ramadan only; RRI Jayapura, 9612 has been off in Sept, but no doubt will be back; altho amnts give 9612 and not 4980. RRI Manokwari had just 2 xmtrs: 1 kW Phillips on 3427 and 500 W Redifon on 6185, actually 6187; 2030-0000, 0230-0630, 0730-1400; but new fq in Sept is 3989 at 1230-1400\* // other two, RRI Nabire uses only 1 fq, 6126 with 500 W, not 50W as in WRTH 81 [nor 500 kW as in SPEEDXGRAM!], 2100-2315, 0400-0615, 0800-1330 exc Sun & holidays when no 2315-0400 break. I get strong impression that this is the replacement stn for the old RRI Enarotali. RRI Ternate says it is the only stn there, and has been on since 1952. Now on 3345, 10 kW, no mention of regularly hrd 3945. 2030-0030, 0300-0615, 0800-1400. Tho ancs 76,6 m (3916), actually hrd on 3945 nearly always (David Foster, DUDXS 16/9)

✓ INTERNATIONAL VACUUM For those of you reading this before the return of Columbia The Space Shuttle, at press time barring further delays sked for 9/11 (gh) fq to watch for traffic between it and NASA is 10740 USB; it was used during initial flight and may be again, per Intl DXers Club of San Diego (Harold Sellers, DX Ontario) You might want to try 296.8 MHz AM or 2287.5 MHz FM, used before and we are told will be again (Fred Simon, Cincinnati Enquirer 18/10 via Jon Lazza) However elsewhere in same column were wrong SW fq's... (gh) And I doubt whether xmtns from Columbia if hrd on 10740 will be direct; probably ground relay

✓ IRAN VOIRI DS continues hrd on 3772, 16/9 & 20/9 1000-1700+ (WBI 24/9) VOIRI 9022 sends QSL Q + pennant, 2 post cards; no IRCs sent; v/s "In the name of God" (? What God), Box 98-200, Tehran (E Hugo Ink, Argentina, Play-DX 28/9) I withhold comment (gh)

✓ IRAQ Tnx to tip from Andy Newton & Phil Marshall, hrd AR stn 22/10 0226 on 8828 w/IS, 0228 anthem, 0230 s/on, Qur'an w/amnts 0243, 0248; silent 0253-0300 when Cairo-type clock chimes (à la Big Ben), striking 6 so GMT + 3, no ID hrd, nx; no // found; 0401 timesig a minute late, YL ID ending with "...fi Baghdad"; still on past 0430; not audible next night (gh)

✓ IRELAND Formerly on MW, South Dublin Radio in March moved to 6243.3, increased power 19/4 to 600 W, and in July to 1 kW; sked Sun 1000-1200; non commercial w/funds from Phil Dixon P who is also engr/DJ/etc. Probably will move to 6240 or 6245 and do a pgm for NAM on a Sun around 0000-0200; is actually 10 mi N of Dublin! (Paul Flanagan, WDXC Contact) 18/10 the ARTO tests not hrd on any of publicized fq's, but on 6243.1 0530-0630+ South Dublin Radio was VG-E level w/rock, IDs in several langs; good one in FR 0636; voice not as well modulated as mx; I suspect many reports will be sent to ARTO for what was in fact this stn (Robert L Foxworth, NY) Ireland hrd rocking away SIO overall VG-E 18/10 on 6243a at 0645, but YL ancr maddeningly poorly modulated (Darryl Holland, NY) SDR hrd 18/10 on 6243, 0507-0705 \* P-F sig, lots of local QRN, old & new pops, OM DJ, pre-rec ID/addr [cf Oct IN-6] several times; tnx Bares tip; ARTO not hrd; nice way to start DX season! Westside Radio, tent the one on 6280 18/10 0700, extremely weak; mostly just carrier, but hrd mx too; was using short ant here that night. Very strange that at least 3 Irish stns were on much earlier than usual this night, presumably testing for NAM but I did not see or hear it publicized beforehand. It would certainly be in the stns' best interest to publicize as widely as possible! Maybe the stns that the tests were publicized; I'll find out. Other was Capital Radio, Dublin, presumed, 6268 18/10 quite weak but hrd well enough for ID further east, pop mx, similar format to SDR, tnx Bares; peaked 0645-0650 (Scott McLellan, MI) Capital R, hrd 6268 0713-0750 18/10, fair but ute bothered; pop mx by Michael Jackson; many IDs from OM "Good morning from Capital Radio!" (John Fisher, Chelmsford MA) Stn on 6240a, 18/10 0505-0605+, SIO 333, first thought ARTO, was SDR (Andy Newton, GA) 18/10 on 6243 disco mx, amnts but no ID pulled, assumed ARTO till Scott's report (gh) Premier R International, 121 Bally fermot Rd, Dublin 10, is Irish stn on 6217 Sun morns, and hrd on Sats on 6562, possible hrs 0900-1200 or later, per Morris Walker, Birmingham (John Campbell, UK) R Dublin, 6910, fairly loud from before 0000 to past 0500, peaks 0200-0300, pop mx reqs, chatty DJ; it's incredibly loud, considering--but almost zero-beat w/hefty carrier so one has to tune off hi or lo and hence lose some intelligibility--some being about 75% hi (Richard Stoller, CT) Letter from Wicklow Local R says they are buying SWxmtr from SDR to relay their MW and replace current method of SWBC--5th harmonic of 1358 (Mark Warner, WDXC Contact)

✓ ISRAEL IBA EG DB1 to NAM: 2230-2300 11960 11640 9815 7412. 0000-0030, 0100-0125, 0200-0225 15585 11640 9815; 0500-0515 15105 11960 11640 9815 (George Poppin, CA) Surprised they keep 15585 and not 7412 as usual in winter season (gh) IBA on 21720 instead of 21710 for 2230-2300 EG 11/9 // 11640 (Bob Padula, Vic.) On 14/9 V of Israel and that comms ministry workers would stop all radio & TV svcs exc nx, for three days, over a wage dispute; lasted

0500 14/9 to 0500 17/9 when only hourly nx bulletins were broadcast in // on all three nets. IDF station was not affected (WBI 24/9)

- ✓ ITALY For QRM problems, see ASCENSION & SOUTH AFRICA (gh) RAI is hoping to get authorization for a new 'Short Wave Centre' which make the stn more competitive; George Poppin is suggesting that letters of support from (would-be) RAI listeners might help this along, and he offers to forward them to save postage; his address: 2654 17th Ave, San Francisco CA, 94116 (Nov RIB) Italian private local radio stations are not pirates, but are totally legal and totally permitted by law. The Italian Broadcasting Corp. (IBC) sked for Oct-Dec: Sun 0000/0800 & Sat 0900/2400 over 11590 17940 21440 in SSB with the replay of the pgm of the precedent week; Sun 0800/2100 over 6275 7365 11590 17940 (Play-DX) I have no idea what the slashes mean--discontinuous xmsn? In IT lang version just above this the Sun 0000/0800 part is omitted. Has anybody in NAM ever managed to hear this? Must be very lowpowered (gh)
- ✓ IVORY COAST RTV Ivoirienne [note contradictory spelling in WRTH 81] audible on 11920 in FR H w/AF choral chants 0800-0900, F-G (Darryl Holland, Riverdale NY, 1/10) And on 23838, 2nd harmonic 0831-0840 11/9 Af mx & greetings (Pierluigi Rossi, Italy, DSWCI) So 11919 (gh)
- ✓ JAPAN By 1983 R Japan, NHK will increase output from 21 to 40 languages, and from 259 hours P a week to 700, which will put them in 5th place ahead of the BBC after its cutbacks (Stephen Cook, Manchester Guardian 11/10 via Ira Holmes and Doug Thompson) DB1 changes to R E Japan: ME 1945-2115 9580 ex-15225; NAM 2345-0045 15300 ex-15235 [sic, thought it was 15315]; Eu 1800-1930 9580 ex-15225; 11780 ex-11855. As 1230-1400 9675 ex-11875; SEAs 1200-1530 15195 ex-15420; SAs/Af 1430-1730 9725 ex-15235. GOS to E 9645 1500/0500, 17785 0600/1000, 9700 1200/1330. Sines relay now 15410 0700-0730, 11950 2200-2230 (Bob Bodell, SPEEDXGRAM) NSB-2 mixing RCI 9760 0615-0630\* 7/10; 6115 //continued (Dale Park, HI)
- ✓ KAMPUCHEA V of Kampuchea HS 6090 & 7403 sked 1100-1330(At 1400) but usually go beyond 1330 on weekdays w/closing time varying 1330-1400; 4/10 (Sarath Weerakoon, Sri Lanka) VOKP is E asking for reception reports and promising QSL; Jerry Berg got a QSL letter; EG 0000 & 1200 Q on 9695 & 11938, then FR (Victor Goonetilleke, Sri Lanka, RNMN 25/9)
- ✓ KASHMIR AZAD 6275 hrd 1250 in uNID lang, fade by 1300 (Mitch Sams, AR, 28/9) AK Radio, Muz-affarabad 4980 now has special Plamazan [Ramadan?] xmsn as early as 2135 nightly to 2220\* w/chorus sung anthem "Vatan Hamara Azad Kashmir", 6/7 (Paul Karagianis, UK, UADX) see PAK!
- ✓ KAZAKHSTAN Kazakh Radio, Alma Ata, DS first pgm at 2358-2000 on 11950 9780; 6180 to 1900; 5970 & 4545 were not in use in Summer 1981. In Kazakh & Russian, but German Sat 0730-0830, Tue-Fri 0930-1020. 2nd pgm 2358-1800 on 9505 5260 5035; and 5960 which sometimes carries alternate domestic and external pgms for USSR/China border areas. Kazakh Telegraph Agency, Kaztag, Alma Ata, has dictation speed news for local newspapers on 13810 9090 7565, M/W/E: 0730-0830 Kazakh, 0845-0930 Russian (WBI 24/9) Kazakh holiday: 8/10 0030 4545 fair sig // loud 5260, fluttery 9780; 5035 really strong w/2nd pgm in Kaz, local stringed mx; first 3 fqs are RS 1st pgm, operatic mx; BBCMS & WRTH appear to have gotten the pgms wrong! as in Mar 1N. I guarantee nothing, but I'm almost sure they've loused up the morning xmsn (Richard Stoller, Middletown CT)
- ✓ KENYA There are no SW xmters in Mombasa. I have seen the transmitter sites in Mombasa [sic] and have asked two VOK engineers. The reason for changes in fq of the various services is probably related to recent newspaper allegations of indiscipline among VOK employees including engineers who were often drunk on duty, late, etc. (Andrea Sella, Kenya, SCIX 15/9) P VOK reported 6/10 that a 250 kw SW xmtir costing 72 Kenyan megashillings it to be constructed at (Komorok) by MinfoBC; work to start 4/82, to be ready by early 1983; boosting VOK reception internally & externally covering most of EGCAF (WBI 8/10)
- ✓ KIRGHIZ SSR 8/10, 4050 Frunze II EZL mx 0052 VP between 2 RTTys; 4940 Frunze I o/u the TV, vocal mx to no pips or IS 0100, long pauses, M w/few words in lang (Kirghiz?) into orch mx. Also tent Khanty-Mansiysk 4520, 0050-0110, vy weak (Richard Stoller, CT)
- ✓ KIRIBATI Before seeing Oct FRENEX, Bob Padula in Oct ADXN decries the lack of worldwide standards and says it's a pity that this utility station's QSLs are being classified as SWBC. It will be interesting to see if a reversal takes place (gh) Cf Oct LN-7, Christmas (Kiritimati) is actually GMT -10, so the feeder pickup is 22h behind Kiribati (Dale Park HI)
- ✓ KOREA NORTH Latest sked from R Pyongyang in EG: Eu 06-08 11945 9420, 20-22 9420 6576. ME & E Af 15-19 11885 9977. SEAs 08-10 11780 9977, 13-15 9977. Am 11-13 & 23-01 9977 (Bill Matthews, Columbus OH, 17/10) Here's one for David Newkirk: uNID stn on 6349.3 w/long KR talk 0900-1203\*v; sked does not fit Pyonyang or Seoul (Ernie Behr, Ont., 15/9) Hasn't Echo of
- ✓ KOREA SOUTH Hope, Seoul been reported around here? Believe same stn as 22) in WRTH 81 tho L not named there! (gh) R Korea shifted Listeners' Corner from Mon to Sun about 34 mins into xmsn; R Korea said they would make fq changes around beginning of Nov (Matthews, OH)
- ✓ KUWAIT R Kuwait has moved [from 11650] to 11675 in EG 1800-2100 (Dean Rekich, PA & gh)
- ✓ LAOS Most interesting has been re-appearance of Houa Phan on 4657v and 6191v \*2300-0015+ and +1130-1315\*, quite different to former sked +1100-1155\* & \*1255-1430\*. Xieng Khouang is now on 5618 \*2300-0015+ & +1100-1400\*. Pakse 6603 but weak, \*2300-0015+ & +1100-1400. Udom Sai 6848, Savannakhet 7384 & Luang Prabang 6997 remain untraced, 4/10 (Sarath Weerakoon, Sri Lanka) Houa Phan obs on 4657 & 6192, new sked \*1055-1300\*; 6192, even tho BBC 6195 QRM, stronger & better. Xieng Khouang, 5608 since early Sept has moved somewhere since mid-Oct; Pakse 6602 \*1000-1400\*, most constant but not so strong as before (Isao Ugusa, Oct DXFL)
- ✓ LEBANON R Lebanon obs on 15170 in EG to NAM 0245; probably won't last long (Steve Webster, VE Oct DX Ontario) ex-11790, AR 0200, EG 0230 24/9 (Bob Padula, ADXN) tent V of Hope, 12/10 on 6215, 2216-2225 "Life for Learning" pgm to SSB cover; also 0400 traces of mx; not a trace since (Dean Rekich, Prospect PA, 19/10)

- ✓ **LESOTHO** For D81, planned BBC Lancers relay WS sked is: 0345-0545 9535, 0545-0730 11710, E 1030-1645 11710, 1645-2030 6130 (NDXC via ADXN) But in Nov London Calling & 6-month generalised fq skeds effective 27/9 the old fqs of 9515, 11830 and 6190 still appear (gh)
- ✓ **LIBERIA** A visit to ELBS' xmtxr site in early Sept shows a sad state of affairs. Both 50 kW xmttrs were 'down' due to failures and lack of back-up spares. One of the Harris units is for 630 kHz, the other is selectable 3255 or 6090. The fancy SW antenna system consisting of two broadband arrays at right angles is also out of commission due to poor installation and/or no maintenance. The antennas need extensive repairs as do their feedlines. In early Sept ELBS was using a backup Harris 1 kW solid state unit on 630 kHz and their old Rediff for 10 kW SW xmtxr (however operating at quarter power due to lack of spares) on 6090 kHz only (full schedule) feeding into an old dipole. Both these xmttrs need repair and/or adjustment as they have severe hum despite hifi studio feed. Meanwhile, altho the US is giving aid to the Liberian govt, to develop their Rural Broadcasting Net (with 6 or 7 MW xmttrs P by 1983), VOA Monrovia expansion plans seem to be temporarily shelved due to local politics and/or Reagan budget (Sept SWNS)
- ✓ **LIBYA** Winter time resumed the night of 30/9-1/10 so Libya is now on GMT + 1 with all SPLAJ-BC nx hrd one hour later. In response to news of Sadat's assassination, SPLAJBC stopped relaying DS on 17930 15415 15270 6185 at 1415 and began broadcasting its V of the Arab Homeland ES which normally starts at 1800. It urged Egyptians to seize radio stn and issue revolutionary statements and claimed to have monitored one such broadcast (WBI 8/10) Since 6/10 has carried a variety of material hostile to new Egyptian administration, in pgms & extended services; pgming extremely erratic but fq usage rationalised: 15415 & 15235 have been replaced by 21610 11815 spreading coverage throuth the spectrum to: 21610 17930 15270 11815 9600 6185. Details under CLANDESTINE CRANNY (WBI 15/10) Cf Sept LN-8, 11815 is not Morocco; Libya is here 1500-0300 //17930 (Ernest Behr, Ont.). Tnx for your corrections (gh)
- ✓ **LUXEMBOURG** RTL SW sked effective 25/10: EG 6090 500 kW 0000-0245 from Junglinster. GM on E 6090 0600-2400 including religious pgms 2100-2315 (subject to variation), also 0245-0300. FR from 10 kW Junglinster 15350 at variable times relaying the 236 kHz service (Norman F. Nicklen, RTL London)
- ✓ **MADAGASCAR** During Oct due to changeover modifications for new satellite, RN feeds to here for relay will be on HF SSB around 24 MHz days, 14 MHz nights (Wim van Amstel, RNMN 2/10)
- ✓ **MALAWI** MBC reactivated 7130; 100 kW. Full SW sked: 3380 0300-0530 & 1745-2215, 5995 0500-E 2115, 7130 0600-1715; includes Intl svc 1600-1900 incl EG 1600-1700 (QTH Africa 10/9)
- ✓ **MALI** 5995, 4838 and 4783 all // at 2200, but poor mod on 4838 (Andy Newton, GA, 20/10)
- ✓ **MALTA** From a letter from International Christian Radio: founded 16/6/80, studio in Oshawa, E 250 kW antenna [sic] on 95.15 Mhz [sic], 2030-2125 nightly. We forward your reports to an IBRA info center in Stockholm; may soon get better fq in same area; also want to know if listeners can understand Canadian dialect, speak too fast? (Dean Reich, PA) ICR is on at 1900-2115 daily on 9515 incl EG 2015-2115; Malta Calling is Sats 0700-0745 in EG on 9670; AWR-Europe has Slavic langs Swns 0600-0700 9650, 0700-0800 9615 (Bob Padula, ADXN)
- ✓ **MAURITANIA** RNM Nouakchott 100 kW xmtxr normally on 4845 started drifting wildly in late Sept --22/9 on 4816 at 2200; 23/9 back to 4845; 24/9 drifting slowly from 4845 to 4815 then up again to 4825 where it held past 2300; similar drift 25/9 (Paul Karagianis, UK, QTH Africa) Curious & unusual, but latest checks indicate fairly steady on 4845 (QTH Af Ed Miki Velaaf)
- ✓ **MAURITIUS** [Cf July LN-6] I goofed! Wishful thinking; subsequent checks of tape leads me to believe the stn hrd was Afghan cland R Mujahidin (Cedric Marshall, DX Ontario) 9710 0230
- ✓ **MEXICO** After seeing the BBCMS reports, R Mexico International again brands as false the info about supposed new installations at the stn (H Hinojosa A) On 13/9 when E German news agency ADN reported inauguration of new SW xmtng centre, no reference was made to broadcasting. In fact, ADN reported that the 22 xmttrs there were to be used for SW telephone comms with other countries, as well as ships at sea (WBI 17/9) Aha! Victimised again by someone's misuse of the term 'broadcasting'; in this satellite age, why are they putting in new HF equipment?? Cf July LN-6 (gh) On Sat 26/9 at 2100-2105 on 15430 I hrd for first time on RMI X "Vision DX desde México", produced in collaboration with QSL DX Club of Argentina--technical explanations of wave propagation, 3 brief news items on Tirana, Belgium and RCI; correspondence may be sent to the club in Argentina as well as to RMI, Apdo. 24-529, 06700 México DF (note new postal codes now going into use). Pgm hrd again 3/10 on 15430 at apx 2135-2145; QSL DX Club contributor was Alejandro Morado--info on logkeeping, fqs of Austria, Peking, R Noticias del Continente [which has been off the air more than 6 months -gh] and HCJB. Also ancd the upcoming startup of HAP-LA from 1/1/82, addr Virrey del Pino 1739 39A, Buenos Aires 1426; they thanked 4 DXers for reports; QSL DX Club addr is Casilla 123, Buenos Aires 1428. Pgm was presented by Alfonso Aranda, RMI ancr and correspondence-answerer. Also RMI E sent revised pgm sked date 15/9 which includes EG: México en un Minuto daily 2210-2215; The Mexican Hour Swn 2230-2330 & Thu 2300-2345; This Week in Mexico GMT Swn 0100-0130 & Mon 0330-0400. SP DX pgm is included in Radio Correo del Aire Tue & Sat 2045/2140, GMT Mon & Sat 0130/0230 (Horacio Hinojosa Arce, Monterrey NL) Times always approximate
- ✓ **MONGOLIA** \*1225-1253\* in EG on 12070, 44444 (Wayne Arzt, Houston TX, 10/10) Very loud in CH on 12070 1100, sometimes late-1105. Traditional mx is a nice change; full & clear IS and E anthem ID at 1130 (Darryl Holland, NY) RUB EG 1715 on 12070 coming in well in Europe; on L.Sat a very funny musical pgm you'd never expect from them (?Kurzen, GFR, RNMN 22/10)
- ✓ **MONTERRAT** DW relay doing well on 11705 1300+; now, what's the problem? This old (several anyway!) (Maxfield Greenwood, Devon PA) What you mean? (gh) List 50 kW N/S

- ✓ **MOZAMBIQUE** Natl pgm in PT now on 6115 regularly in eves; s/on varies around 1600 but s/off fairly regular at 2100. 008 6360 now w/Beira prov sta first pgm, replacing no longer noted 6025; second daytime fq of Beira remains 9637 (QTH Africa 10/9) Moz ES, R Maputo, once again experiencing tech difficulties. Strength good but mod so low that almost impossible to hear; this does not affect DS pgms before & after on same fqs which have normal mod lev-  
E el (QTH Af 10/10) ES in EC 0400-0430 4265 [sic, means 3265] 4855; 1100-1130 9525; 1800-1830 3265 4855 9525-or-9620; 1100-1130 also 11815-or-11818 (S Aoki & R Schneider, SCDX 29/9)
- ✓ **NETHERLANDS** RN making no changes in D81 fq sked compared to S81. Tentative main themes for X upcoming Media Network pgms: 12/11 BC in Korea, interview KBS rep; 19/11 BC developments in Middle East; 26/11 Accessories (except 1430 xmsn only: Asian Special); 3/12 Link with Au strn 4GR (Jonathan Marks)
- ✓ **NEW CALEDONIA** [Cf Apr LN-7] RFI announces that it does not intend to introduce a relay here, P but will hire time over the new DW relay at Sri Lanka, per Jonathan Marks, RNNN and Roger Stubbe, DXPL (Matthew Francis, ADXN)
- ✓ **NEW ZEALAND** RNZ sked 25/10 to 6/3: Pac 1700-2030 11675, 1700-2005 9540, 2045-0530 17860, E 0540-1115 11945. Au/NWPac 2015-1715[sic, means 0715] 15485, 0730-1115 11960. Fq & close-  
X down times may vary when broadcasting sport. New Zealand Calling is half hour pgm on first and third Monday of each month, on Pac fqs [sic] at 0215 (seeming to mean on 17860 only), and the Au/NWPac svc at 1915 [sic, means 0915 presumably, one hour earlier than previous 1015 due to DST; not on the air to Au/NWPac at 1915! And apparently on 11960 only] 4 IRCs Q required for QSL; 6 IRC for return of cassette (RNZ) A little proofreading would help (gh) (sked also via Darryl Holland) Closes 1100 on weekends as there is no evening report (Chris Martin, Sydney, RNNN 22/10) 9885 was not used S81 due to Pac QRM, but 15485 1800-2115 (Tony King, RNZ, NZ DX Times)
- ✓ **NICARAGUA** R Zinica [accent on the -ni- clearly heard on Mounce's tape -gh], 6120.4 0328 10/9, M SP talk over instl record, ID "R Zinica Onda Musical", 0337 TC, still talking, strong, E clear; VOA UK splash 6125 (Jay, Novello, NY) 7/9 0100-0200 western pop and blues mx, nx items and what sounded like telephone talk show, all in EG; poor on 6120 (Tony Clift, Ont.) The EG pgm now blocked by BBC-Sackville 2300-0430 now, but Zinica's het usually there; extreme aural condx might knock out Sackville and enhance Bluefields (gh) Some manner of 'revolutionary' Nicaragua is audible on 9550 at 0300 in SP (Darryl Holland, Riverdale NY, 1/10) V of Nicaragua ES on 9550 all in SP is at 0000-0340; then at 0340-0600 repeats most of the pgms in previous period (WBI 15/10)
- ✓ **NIGERIA** VON at 1916 EG talk, choral mx, drums, ID 2000 on 17771 (Andy Newton, GA, SPEEDX-  
E GRAM Sept) Is that fq right? (gh) VON 0540 EG nx on 9570 ex-7255, 27/9 444 (Ralf Munster, GA, SDXA DX-TRA) Sure about that ex? 9570 list as Kaduna regional stn (gh)
- ✓ **NORWAY** R Norway hrd on new 21725 1500-1630, not in sked, // weaker 17795 25615 25730, all hrd (Robert Chester, SA, RADX 27/9) May affect D81 sked
- ✓ **PAKISTAN** unID on 4699.8 8/10 0103-0142 f/out, M&W in nx, Urduish lang, ment Pak 0105, then deep voiced M between W vocals of Pak variety; SSB ute QRM & P-F sig; think it's Pakistan. Subsequent days 0100+ but execrable level, no hope for ID; 60m Paks hrd previous years in this part of the country around this time of year (Richard Stoller, NY) Quetta regional stn now on 4700 ex-5985v, \*0045-0130 & +1330-1600\*. Karachi also on new 4810 +1330-1730+, VG. Rawalpindi still on 5009v, Peshawar 1300-1415\* & 1600-1800 Dari which is also carried by Is-  
lamabad 5095, 4/10 (Sarah Weerakoon, Sri Lanka) Quetta regional obs w/nx in Baluchi on 4712 at 1520; joined R Pak's UD pgm 1530, 1600\* (WBI 24/9) S81 PBC sked shows Quetta regional will use 10 kW on 4710 0045-0400, 1100-1345, 1400-1600. 10 kW xmr used for Karachi. Zonal pgms can be hrd on 9805 0230-0600, 4815 1400-1900. Peshawar 5730 (or 5750), Rawalpindi 5010, Islamabad 5060/5095 seem unchanged. Sked says Rawalpindi-3 xmsn w/100 kW from Islamabad, on 4980, 6010, 6275. Azad Kashmir pgms are hrd on these fqs, so are these xmsns in fact from Islamabad? (Pinn Krone, AWR DX 6/9 via DSWCI) R Pak in FR on unlisted 15550, daily 1915-2015, incl 15 mins chanting, nx 1930, then pop mx to s/off (Tony Pavick, Latrobe  
E PA) Urdu \*1330-1600, then EG slow nx to 1615 on 21780 (Robert Chester, SA, RADX 27/9) 6727 on 15500 ex-15485, EG 1700 //11670 (Jochen May, DSWCI via RA DX 27/9) SH pgm ending w/EG nx 0335 3/10 on 17641m w/xmtr hum // 21485. Farsi \*0330 4/10 17910 & 17666m, latter w/ute QRM (Dale Park, Honolulu HI)
- ✓ **PARAGUAY** Compare skeds of Emis Paraguay 6015, Aug LN-9 & Oct LN-9; which one is correct? Has never been hrd to 0400 (Ernie Behr, Ont.) Per the daily 'Última Hora', 13/9, the dir of R Charitas, run by RC priests, had renewed xmsn eqp & modernized pgms & installations. The US-acquired eqp included new 10 kW xmtr, 90m omni-dir aerial. WRTH lists 1200 kHz 0955-0930 (WBI 24/9) Also maybe 6110, cf Oct LN-9 (gh)
- ✓ **PERU** R Chota, in Chota hrd at 0150 on 6296; similar pgm of Andean mx, messages for country folk, no ID but seems in N part of country, on 6500.5; on 6726.5 Indian stn, tinny mx, further S since the 6500 is audible in daytime, this not (Roger Stubbe, HCJB DX PL 27/9) 6727 unID is in Santa Cruz, hrd in 0000-0200 period (Stubbe, DXPL, date lost) Cf Oct LN-10, is R Satellite (gh) Missing from Tony Jones' list, Oct LN-9 is R Rioja, 5045, hrd 9/10 w/ID & NA to 0400\*. R Imagen, 5035, regular from \*1037 w/mx & ID, R Victoria, 6022 around 1015, is not Tumbes as in Sept LN-9 (Ernie Behr, Ont.) Fq was not given; the QRM was from 6020 (gh) R El Sur has been showing, but quite poorly, as it mixes w/dominant Singapura on 9635; 1100 +, but have noted dignified YL giving ID several times; hoping for better opening soon (Max field Greenwood, PA) R Huancayo, 5955, 0910-1110, P-F 23/8; has "Mañanitas Musicales" pgm 0600-1000 (exc Mon?), 1000-1030 "Amanecer Andino", 1030-1100 música romántica w/out title;

- 1100 nx "La Primera de Primeras"; also IDs as "la voz del centro" (Tetsuya Hirahara, Tokyo, Radio Nuevo Mundo)
- ✓ PHILIPPINES FEBC on 15463, 1400 27/8, ID, Haven of Rest, SW Mailbag, 232; they announced fq of 15445 (Sandra Manning, NM, ASWLC) Recent survey of EG from religious stns shows: FEBC E 0000-0500 17810 15305, 0800-1000 11890, 1245-1600 15445, 2315-2400 15450. R Veritas Asia 0030-0100 17780, 0300-0330 17780 15215, 1130-1200 15215 11770 9535, 1430-1500 15215 11955 9535 (WBI 1/10) FEBC Manila now has Bengali 0145-0215 on 15305; EG 0230-0500 (Alok Das Gupta, India, ADXN Oct) RVA new sked as above except: EG 0030 add 15135 15280, 0300 add 15280 1130 15210 & 11955 not 15215 11770; 1430 15210 not 15215 (Alok Das Gupta, ADXN) VOA on 25705 0800-1400 to Eaf S81 is actually RTTY, teletype xmsn known as the African File, via 35 kW Poro-2, // Poro-4 15 kW 20482.5; similar to Eastern File RTTY on 26000 via Poro-1 35 kW V 0000-0600 to Au & China w/bi-directional rhombic; Poro-4, 15 kW is also used on RTTY days as a fill-in on 15385 2230-0000 w/AFRTS pgm to Ind Ocean. This is because at 2230, the normally used Poro-2 35 kW is taken off 15385 in preparation for use on the "FE File" RTTY on 14526 to Indonesia. Poro-4 15 kW can be recognized by its poor modulation quality. To add to the confusion, Poro on RTTY days uses 50 kW instead of 35 on AFRTS 21670 0005-0600 & 26000 0600-1400 (Robert Jones, Oct ADXN)
- ✓ POLAND Per QSL just recvd from Rosgosnia Hacerska [Pathfinders], they only use 6195, 1 kW, and 7205 kHz, 5 kW. Pgm is usually rock mx per monitoring. Re Slonka's [apparently mistaken] logging of this stn, I have yet to hear an IS on it (Al Muick, Augsburg FRB) Polish Pathfinders Stn on 7205 & 6195 sked 1100-1700 Tue-Sat; 0900-1700 Sun; no pgm details available. Polish Radio, Warsaw, DS Third Pgm at 0457(Sun 0557)-2400 besides FM uses no more than 3 SW fqs at a time among 9755 9570 7180 7110 6035 (WBI 15/10) In a report on the Solidarity trade union congress in Gdańsk, PR stated 4/10 that it was proposed state monopoly on radio & TV be ended; and that Solidarity should investigate possibility of setting up its own radio & TV stns (WBI 8/10) Not an empty threat (John Campbell, RNMN 8/10)
- ✓ PORTUGAL R Renascença, earlier thought to be on 11775 is in fact on 2595 at 1830-2030; the former was RDP (WBI 1/10) 19/9 obs show 21555 replaced to 21620 for PT to Timor, Macao & Aias 0900-1030, occasionally to 1100 (WBI 24/9) SCDX 29/9 broadcast said R Portugal to E Nam was on 9775 at 0300 and 6125 at 0530, two errors for 9765 and 6185. Meanwhile, I hrd 1800 EG pgm 26/9 on unlisted 15225. Fri 23/10 looking for good RFE fqs during EG 2150-2200 found that 13690 SSB feeder from W Germany inaudible tho it was on half an hour earlier; nor were any other known feeder fqs in a quick scan; but this date 15255 via Portugal was in well and 17835 also audible; D81 may bring earlier closing of higher fqs (gh) R Trans Europe, Sines, long publicized as having only two SW xmters is an enigma! I believe [from studying schedules of different stns using facility] that either a third SW xmtre has been installed or another site may be used at times, such as RFE/RL Glória, R Portugal São Gabriel (Bob Padula, ADXN) AWR-Europe via RTE Sines & RM Cyclops [Malta], sked Sun 0600-0700 on 9670, 0630-0700 9585, 0700-0900 9605, 0700-0800 9615. Note that 3 xmters are on the air simultaneously, all with different pgming at 0730 [not according to the sked you just gave X-gh] EG on 9665 w/World DX News at 0930. Also Mon 1600-1630 & Tue same on 15430 (Adrian Peterson, AWR-Asia) You give us extensively researched historical articles on obscure transmitter sites, which is great, but why not tell us which is Sines & which Cyclops now? (gh)
- ✓ QATAR Obs last few days show QBS now on 15435 0245-1600, 15285 1600-2100 (WBI 24/9)
- ✓ ROMANIA Addl fq for R Bucharest ES to Eu, 1930 EG, 2030 FR, 2100 EG, 7135, as well as 11940 E & 9690 (WBI 24/9) RB on 19020, 2 x 9510 at 1628 23/8, AR talk, SINPO 34433 (Fred Bodenhagen Germany, DSWCI)
- ✓ RWANDA DW switched 1/10 from 21560 to 21500 at \*1800-1959\* to escape RAI QRM, but returns to 21560 at 2000, all GM (Ralf Munster, GA, SPEEDXGRAM & SDXA DXTRA)
- ✓ SAIPAN Besides FEBC religious stn already authorised, FCC has granted in May an application by MARGOM to broadcast 100 kW thru a TCI 611 antenna curtain, commercial entertainment in Japan. Call for FEBC stn is KFBS (Charles Brigg, FCC, RNMN 2/10) Indistinct: KFBB? KSBF?
- ✓ SÃO TOMÉ E PRÍNCIPE R Nacional, 4807, consistently F-G, some het from 4811 Gabon; 2235 trad Af vocals, OM anmts in PT, overcome by RTTY at 2345 [sic, must mean 2245], 2300\*. Xmtre improvements or just improving condx? SIO 333 30/9 (Andy Newton, Atlanta GA)
- ✓ SÁUDI ARÁBIA D81 sked shows addl fq for EG along w/11855: 1100-1300 7235, 1800-2100 7210 E (Andy Sennitt, RNMN 15/10) BSKSA on 6810 10/10 2225, AR // 15060 but different-sounding audio--seemed better quality than treble-ridden 19m, but hard to tell since poor sig, \*2230 R Peking dead zero-beat didn't help; not there at 2303 recheck (Richard Stoller, CT) Riyadh off fq on 11948½, 2245-2300\* AR (David Foster, DUDXS) Not to be confused with Tibet...
- ✓ SENEGAL Some have the s/on of reactivated 7210 as 0700; in fact it signs on at 0555 w/IS, 0557 anthem, 0558 full ID ending w/"Rdif du Sénégal", not "Ici Sénégal". You've those few minutes to catch s/on because VOA comes on at 0600 exact with 4 x 15 min pgms to Eu in CZ, BG, PL etc; then at 0700 VOA is off and Sénégal is clear w/nx (Paul Kowalski, Milwaukee WI) Super reception 0700-0800+, also note on 0600 but w/VOA (Steve Webster, DX Ontario) "R Senegambia" reflecting incorporation of The Gambia (Greenwood, SPEEDXGRAM) Will merge before the end of this year (Toronto Globe & Mail 9/9 via Cedria Marshall, DX Ontario) Senegambia as of 1/1/82; maybe they'll reactivate Gambia 4820 for the occasion? (Mike Nikolich, SPEEDX)
- ✓ SEYCHELLES FEBA altered some fqs; \*1225 on 11865 moved to 11855 incl EG 1430-1530; // fq E 15325 also altered but only at 1225-1430--15320, 1430+ it's 15325, all 100 kW (QTH Af 10/10) /hagen, Germany, DSWCI)
- ✓ SIERRA LEONE See GUYANA 5 pages back
- ✓ SINGAPORE R Singapore on 19270 -1631\* 23/8 in Chinese, 2 x 9635, SINPO 23322 (Fred Boden-/

- ✓ SOLOMON ISLANDS On 9545, 0729 29/9, SIBC ID & s/off msg, mix DW and something else but SIBC usually on top; characteristically, did not s/off but continued w/natl nx, GMT + 11 TCs, and still on at 0743 (gh) Honiara may not be accountable for timing 100% of the time; some times does go off 9545 at 0730; can't hear 5020 (Darryl Holland, NY)
- ✓ SOMALIA Partial survey of 9585 Mogadishu shows 0900 Oromo, 0930 Somali (both by the V of the Western Somali & Somali Abo Liberation Fronts; rest are R Mogadishu ES), 1000 AR, 1100 E EG, 1130 IT, 1200 FR, 1230 Afar, 1330 Amharic, 1430 Oromo, 1530 SH, 1545 swamped by R RSA (WBI 1/10)
- ✓ SOUTH AFRICA R RSA moved to 11800 0157-0257 where QRM w/RAI, first noted 6/10 (Ralf Munster GA) First noted 28/9; 10/10 in EG 2100 on 17775 (Dale Park, HI) 5980 also dropped (QTH Af E 10/10) S81 sked as amended will continue DB1: 2100-2200 17775 11900 9585, 0200-0300 15325 11800 9580 (Piet Martins, R RSA DX 24/10) 18/9 R RSA quoted Min of Foreign Affairs & Info as saying in Parliament that SABC could be proud of name it has built for itself in technical field of BCing--in spite of intl pressure SABC still constantly invited to attend confs & sympos on be affairs; also enjoyed reputation for correct behaviour and integrity in carrying out norms of ITU & IFRB; R RSA ES stood in high repute among Af leaders; some 80% of 80 kiloleters rxd by R RSA from listeners annually were from Af; R RSA had estimated audience of at least 10 megapeople worldwide (WBI 1/10) On 24/10 DX Corner, Piet Martins loftily decied other stns out-of-band operations; however many people believe RISA commits greater sins in other areas! (gh) Capital R, 9789.7, EG nx & pop mx 1400-1530 f/out, 17/9 (Ernie Behr, Ont.) Now moved back to 9765 from 9790 after 2 months; still 3930 7150 (QTH Africa 10/10)
- ✓ SRI LANKA SIBC EG xmsn 2015-2030 starts w/nx; on 11800 & 15120; 15115 and but not hrd E (Steve Brown, England, SCDX 6/10)
- ✓ SUDAN R Omdurman DS now hrd intermittently on 11855 7200 1295 764 (WBI 17/9) Saudi 11855 too
- ✓ SURINAM The Hindi mx now loudly audible on 5005 at 0830 is R Apintie (Darryl Holland, NY)
- ✓ SWEDEN Starting Mon 12/10 R Sweden dropping News & Panorama, replacing w/weekly roundup of Nordic nx & current events on an experimental basis; SCDX [Tues] extended to 14 mins. Listener feedback much desired (George Wood, R Sweden Intl) Saturday Show to be dropped soon as Roger Wallis is taking a 2-year leave; maybe another young people's show will replace it (Andy Sennitt, RNMN 8/10) No changes in DB1 RSI fqs in EG to NAM compared to S81 (Froesmark, GenTel) RS obs on 17615 & 21615 in EG 1400-1430, 21615 much better 18/9 (Harold Sellers, Ont., DX Ontario) Do you have a rx that makes +4 Mhz images, Panasonically? (gh)
- ✓ SYRIA R Damascus is sending out old QSLs showing 9655; that xmtr was used for spare parts; but there's the V of Arab Syria pgm via Baghdad... (Andy Sennitt, RNMN 15/10)
- ✓ TAHITI 9750 hrd once 30/9 around 0500; xmtr work? (Chris Martin, Sydney NSW, RNMN 22/10) Another report, source misplaced indicated 9750 frequently active now (gh)
- ✓ TAIWAN CBS Taipei now using two new outlets, 7105 & 6180 \*0955-1600 w/plenty of western mx. If you believe me, they have CH version to almost every pop song. It is understood that J Peking has relaxed jamming now that they have shown enthusiasm for reunifying with the island state, which has aroused curiosity in Taiwan; 4/10 (Sarah Weerakoon, Sri Lanka) BCC/VORC Taipei ES to Mainland as "Chung-yang Kuang-po tien-tai tsy-yu chung-kuo chih sheng" 1000-1130 Mongolian 11905, 1045-1600 Amoy 1200, Cantonese 9690, Hakka 3335; 1140-1310 Tibetan & 1330-1500 Uighur both 11905. Std Ch net 2045-1000 & 1045-1900, SW fq usage: 2045-0100 11905 9690 7250 7150 6565 6087 6040 3335 3230, 0100-0345 7250 6087 6040 3335. 0345-0700 11905 9690 7250 7150 6565 6087 6040 3335 3230, 0700-1000 11905 9690 7150 3230, 1045-1600 7250 7150 6565 6087 6040 3230, 1600-1900 11905 9690 7250 7150 6565 6087 6040 3335 3230 (WBI 8/10)
- ✓ TANZANIA Recent reports of ES of RT using 15435 again cannot be confirmed; no trace of it on this fq or anywhere on 19m at 1530-2000; 15435 dominated by VOA and later RFI; when in use RT xmtr was very strong here easily overriding co-channels (QTH Af 30/9) 6105 hrd fair sig J G/jammer // 4785 2055-2100\* 14/10 (Richard Stoller, Middletown CT)
- ✓ TIBET Tibetan vvc of Lhasa on 11949 ex-11958, 18/7 2300 mx, 2310 gymnastics // feeble 4035; no sign of 5950 or 5995 (Paul Karagianis, UK, UADX) Extracted from China survey in DUDXS, Lhasa reactivated 9490 at August end, 1015-1545 & 2230-2400 in CH. 11949 TB 2300-2330, 1030-1545, beware Saudi 11949 too; not hrd on 11787, 9655, 3917. TB pgm also on 4035, 5935 5995 7110; CH pgm 4750 5240 5950 7171, all hrd around 1100-1545 (gh, RCI SWL Digest 10/10)
- ✓ TURKEY Most TRT fqs have been jammed since July; 11955 always covered 1400-2158; also 9615 J and even EG on 9560 from 2200, all by same type of jammer, quite different from other jammers. Who is doing this and why? (Ernie Behr, Ont.) Assumed coincidental, TRT's abysmal E fq choices; but EG 2200-2300 now making it o/Ivory on 7215; must be Armenian terrorists, hi (gh) [Meteorology Stn], 6900, 8/10 0430, very loud; also hrd stn on 6900, 00 7/10 2026 to H fade or s/off 2100, poor w/het but later decided it might as well be 6th harmonic of 1150 local which also shows on 3450 & 4600 (Richard Stoller, Middletown CT)
- ✓ UGANDA R Uganda DS now hrd intermittently on 4976 only (WBI 8/10)
- U S S R 9/10 RMWS and the 'Russian by Radio' course'd begin 16/10, Fri 1230 2130, Sat 0430 L 0930 (WBI 15/10) At midnight local the night of 30/9-1/10 most of USSR switched to winter T time so DS pgms 1 hr later and Moscow GMT+3. Since 1/10, EG ES partially obs as follows: E P&P to As 1300-1330 2175 21585 17740 15500 11845 & 1330-1400 21725 17775 15510 15450 15435 15140 11845. RM SEAs 1400-1430 15450 15295 15280 15140 11770. P&P As 1430-1500 15450 15280 15140. RM SEAs 1500-1530 15395 15280 15220 12050. P&P As 1530-1600 17765 15510 11845 11730 9735 9565. RM Af 1700-1800 17860 17735 15450 15210 12015 12000 11850 11690 11630 9480

P&P Af 1800-1830 17860 15210 15150 12015 11850 11755 11630. Kiev Eu 2000-2030 11880 9560 7175. RM GBI 2000-2100 9710 9685 9550 7390 7330 5980. RM Af 2000-2100 15490 15450 12000 11850 11630. Vilnius Nam 2300-2330 12060 11735. RM Nam 2300-0400 11750 11720 9765 9685 9610 7380. Kiev Nam 0030-0100 12060 11735 9800, 0300-0330 11735 9800 7165. The 0200-0230 R Magallanes pgm via USSR facilities, obs 2/10 containing a commentary in Mapuche, a lang spoken in central Chile, and as a regular Thu pgm; rest SP (WBI 8/10) Distorted Fming RMWS fq 7085 // 7145, loud but virtually unintelligible 0315-0330+ 12/10; maybe they want to cover up Rebelde & Abdala and whatever. RMWS feeder hrd 16193a at 2320, just as listed, decent sig 11/10 (Richard Stoller, CT) RM Nam svc on 11602.5 // many at 2300+ 4/10 (Jay Novello, NY) R Moscow Farsi 20/9 1530-1540 on 17685, new (Preben Høbye-Mortensen, Denmark, DSWCI) Come to think of it, I recall little if any Soviet BC activity in this OOB area(gh)

E V of Yerevan 0330-0400 on 17870 is almost excellent here, warranting better than "C" rating as in RIB, A like Kiev 0300-0330 on same xmtr (Tony Pavick, Latrobe PA) A now, C later, hi H RMWS audible some morns, like 17/10 when solar flux 300+! on 30750, 2 x 15375 where inaudible; also on 30300, 2 x 15150, but always a ute carrier on 30300 too, where is it? (gh)

U A E UAE Radio, Dubai, in EG \*1612 on 17710 ex-17655 // 21695 21655 (SCDX 6/10) Unaware it was ever on an OOB, 17655 (gh) Noted on new 21725 around 1030 EG nx, // 21695 21655 21625; seems very tentative as Dubai sked varies considerably w/out notice (Patrick Fitzgerald, Melbourne, RA DX 11/10) And also supposed to have only 3 xmtrs (gh)

U K O G B A N I Fiona Boyle of Intl Bcing & Audience Research at BBC says there are still X no immediate plans for World Radio Club to return to the WS (WDXC Contact, Oct) BBC PT P feeder good 11/10 2302-2340+ on 11070.0 (Richard Stoller, CT) BBC in SP 6840 USG 0215 18/10 B Ben, ID (Don Saunders, East Brunswick NJ) BBCWS 0500-0545+ hrd on AM 6305, possibly mix H of other fqs (Andy Newton & Ralf Munster, SPEEDXGRAM) RCI, England on 28655, 2/78 1551 EG, 25432 (Carlos Relvas de Assunção, Portugal, DSWCI) This time I check the multiplication, and find 3 x 9555 = 28665 (gh) AFRTS SSB relay from UK hrd around 1130 on 16454; 9243 at 0100; must be satl feed if running while all US AFRTS SW xmtrs are down (David Crawford, Oak Hill FL)

UNITED NATIONS VOA relaying UN, from Greenville? 21710 1840 9/10, FR, 1844 VOA & UN IDs in EG, into PT, then AR // 15305. At 1900 into EG, no // 21670 18782.5 17740 ± 5 mins from 1900 and more IDs for both at 1900; and as for Af (Ralf Munster, GA) Yes, Greenville. One can't exactly say VOA relaying UN, since this is the original xmsn of UN Radio (gh) Cf Oct 1M-13, I quote from QSL rxd in 5 days total: "Thanks Dale Park for the report on a UN broad cast at 0743-0815 GMT on August 27, 1981, 17705 kHz the details of which are correct." (underlined parts were filled in). Site requested but not printed; also sent report for 15250 w/UN Calling Asia but not verified. Asian BC always ends w/"This broadcast has come to you from the United States of America," which is the VOA s/off amt. Also I've heard the VOA IS & IDs before some UNR BCs. Your serve, gh... (Dale Park, HI) Gladly--a fine example that QSLs don't necessarily prove anything. My suggestion that this was actually a VOA program having nothing to do with UNR was based on having hrd such a broadcast months ago, but I rechecked it 20/10 (via timer & tape!) 0745-0810 on 17705. VOA IDs always precede and follow UNR xmsns via its facilities, as they do VOA pgms. At the outset, ancr in EG summarized half hour to come giving langs, topics and lengths of items--this is clearly a correspondent feed, just like VOA does in SP at 2215, except this one's for Af. The s/on at 0744 I ded it as "A Special Xmsn to Africa", and the voice was recognized as a VOA ancr; there was even a snatch of VOA "Swingin' Safari" theme mx; items were in Hausa, French, Swahili, EG. 0759 went from SH to EG; correspondent outros never mentioned VOA (in EG anyway), perhaps deliberately so as to increase their credibility and rebroadcast by Af stns, but content of items (e.g., Yerktown celebration) had nothing whatsoever to do with UN concerns. The confusion arises because at the same time, 0745-0815, UN Radio does have a xmsn to Af, but it is on other VOA fqs, currently sked Tue-Sat Greenville 15125 11735, Monrovia 15235 17860. I am quite sure you would find 2 separate pgms in progress during this half hour if you compared any of these to 17705 and its //s. Furthermore, some of the langs are mutually exclusive--UN doesn't use Hausa, VOA doesn't use Somali(sked on UN version Sat 0750-0755) (gh)

U S A Most domestic BC stns use phone lines or VHF/UHF/microwave feeds when doing a remote broadcast, but I'm glad to find some activity remains on the old 26 MHz band (approx. 25850 -26500 allocated for this, I recall), as Sat 17/10, encountered on 26240 narrowband FM, and thus not too intelligible on AM rx, a remote pgm from Gus's Daughter's Grocery Store, which had just opened a new store on its 50th anniversary, from t/in 1430 w/history of the store. Definitely in Presque Isle ME but IDs were hard to catch--WOPN? WLVI? WOZ1?, none matching my listings; at 1659 still going when potato chips were \$1.09 per half pound bag. Fascinating! Not noted next Sat; no doubt fired up only for special occasions. VOA also belatedly and probably temporarily to take advantage of high MUFs, increasing 11m activity, but why only 5 kHz from R RSA7 in SP 1300 on 25795 15/10. 24/10 at 1700 VOA on new 26000 EG to Af much stronger than //50kHz Gv1 26040; surely not Philippines sked on 26000 earlier; and, on 25950, LSB feeder, LSB EG to Af // 26000, USB Swahili (gh) VOA feeders: 9350 USB Delano, J 28/9 0959 RS pgm pvv & nx, unjammed unlike // 9660. Sometimes reported as QRM to UNR's 9350 LSB ½-channel when on. 15752 LSB via Gv1 presumed 28/9 1000 also w/pgm pvv & nx, but in PT (Dale Park, HI) VOA Gv1 feeder 6874 LSB 0310 18/10, EG Sunday morn pgm (Don Saunders, NJ) For many months VOA has had Af perm UNID as to particulars on 7770, full Yankee Doodle ID at 0800, don't believe harmonic (Darryl Holland, NY) May well be another correspondent feed service (gh) VOA feeder on 15652a LSB A3H (full carrier like CHU & VOLMETS) 0030 EG 16/9 w/

ID "You're tuned to VOA's Caribbean Report at 1580 on your dial." and 0030 VOA Magazine Show; nice to know who's feeding whom (David Newkirk, Seattle WA) So was // 17885 only (gh)

P WQBA has applied for SW call WRMF for R Miami Florida, will be 50 kW, curtain ant, directional S, probably 31 & 49m, hope to be within a year (Herb Levin, GM, RNNN 2/10) WRNO: per ITU D81 THFBS, ant bearing is actually 20°, not originally planned 40°. Revised bearing will give stn much greater coverage of USA, with a wide-angle (68°) log-periodic antenna (Robert Jones, ADXN) Another setback; Michael Costello told me 19/10 that holes for antenna ground rods were dug too deep due to construction error; now the tentative start date is 1/12 (Andy Newton, GA) Delayed till about 15/12 because the xmtr built for us has been sent to a stn in the Middle East; also rain delays construction (Joseph Costello via RNNN 22/10) WYFR: Expected to begin its W Canadian svc in Oct w/7th xmtr, 100 kW assembled and built at Okeechobee; wide angle 80° log-periodic ant bearing 317° will be used, giving an unofficial coverage of the whole of C & W USA; since 8/80 E USA unofficially served by "E Can" svc 50 kW w/similar ant on 355° bearing. EG to "the Americas" on 285° w/another wide-angle ant gives equal coverage to N Mex and S & SW USA, since 6/80. Thus WYFR has an unofficial coverage of entire USA. It's interesting to note that the stn has many voluntary monitors within the USA, the domestic SWBC is against FCC regs. In 1982 WYFR hopes to have a satellite rx ant at Okeechobee and proposes to xmit Fam R domestic net pgms directly on SW at certain times as part of a 24h "Canadian svc" At present there is a 3-week delay as most pgms are recorded at Oakland CA and flown to FL. Re WRNO/WYFR, I feel FCC restrictions are outdated and should be scrapped, allowing future SW applications for domestic coverage to be considered individually (Robert Jones, NSW, ADXN) D81 WYFR sked shows diff fqs for GM 0500-0600: M-F 6015 9760, S/S 6020 9570, howcum? (gh) WINB S81 sked includes these foreign lang pgms: SP M-F 0230-0300 15145 & 1830-1900 Wed 17730, RS 1845-1900 Sat 17730, AR 1830-1900 Tue 17730, FR 2045-2100 Wed 15185; GK 2045-2100 Fri 15185; RS 2145-2200 M-F 15185; Latin 2200-2230 Sun 15185 (Bob Padula, ADXN) Since 25/10 AFRTS pgms are one hour earlier due to std time; NBC has dumped mediocre weekly 'specials' (except 2nd Sun day pgm), via AFRTS Sun 2330 & Mon 0430, in favor of new 'Hear & Now' magazine hosted by Roger Mudd other 3-4 weeks per month, including Kalbs, Levine, Newman, Andrea, Shalit, Eilerbee participation. Debut show 25/10 was quite good; also via WSM-650 at 2330 (gh) My X DX pgm 'World of Radio' is on another stn--WPKN 89.5 FM, Bridgeport CT, Fridays 1900 ET, tnx to Ray Terlaga (gh) As mentd last month under Canada, As It Happens & Sunday Morning will be available for US NPR stns to broadcast, via satellite feed arranged by Minnesota Public Radio; hurry and convince your local NPR stn to carry them after 15/11 (gh)

✓ URUGUAY DX Partyline had interesting interview w/Secy of R Carve; she replies to EG & SP Q reports; IRCs unneeded as they are not exchangeable in Uruguay. Try 6155, best around 0000 (Mike Barraclough, UK, WDXC Contact)

✓ UZBEKISTAN R Tashkent adopted winter fq sked 1/10, EG 1200-1230 & 1400-1430 hrd on 11785 E 9600 9540 6025 5945; Sat 10/10 1215 had mailbag pgm and pxm pwvs for week to come (gh)

✓ VANUATU R Vanuatu says it's on 7260 3945 1125; M-F only nx in EG 0115 & 0815, FR 0100 & E 0830 (Andy Sennitt, RNNN 15/10)

✓ VENEZUELA Max hits a rare one again, while listening to 6130 14/10 for Laos, suddenly at 1145, not a sign-on, an OM in SP shows and talks until sudden fade; full ID "R Valles del Tuy, Ocumare del Tuy, Miranda" and Miranda mentd sevrl times, to 1155 (Maxfield Greenwood, PA) Special classical mx pgming on YVs, 4980 et al, 29-30/9 for Betancourt's death, 4900 & 4800 //; the only one w/regular pgming was 5030. R Valera, 4840, new xmtr? previous marginal sig now as loud as other 10 kW YVs nightly. Bad news for would-be Andahuaylas hunters, like me! (Richard Stoller, CT)

✓ VIETNAM Lai Chau B S changed sked from early Oct, now \*1030-1215\* on 4490 & 6919, 1030 in Hmong-Dao, 1100 Tay-Thai, 1130 Viet. Hoang Lien Son B S \*1000-1015\* (Sat -1045\*), later at \*1200-1330\* (1400\* Thu/Sun), still on 5513 & 6598. Gia Lai-Kon Tum B S on 4687, \*1015-1215\* in 1015 montagnard, 1030 Viet local pgms, 1100 Viet relay Hanoi, 1145 two diff montagnard langs--all such sound similar to Khmer (Isao Ugusa, DX Front Line 18/10) VOV D5 seems to have dropped 3998. Bac Thai BS back on 6570 \*1130-1330\*. Cao Bang BS on 6670 to 9/9, then 6663 other side of Beijing 6665; since 14/9 on new 6685, \*1200-1330\* (M/W/F -1400\*). Phu Khanh BS obs on 5140: +1030 local pgms, 1100 relay Hanoi, 1200 lcl, 1300 Hanoi, 1330 lcl, 1400-1400\* Hanoi; likely sked to 1400\* but sometimes delayed s/off several minutes. Ha Tuyen BS often fair on 4817 1300-1400\*, Viet to 1330, then supposedly Muong. Quang Ninh which came back last month after 3 yrs, again untraceable since late Aug, but Indo on 4698 where QN was stronger a month ago (Isao Ugusa, DX Front Line 19/9) Quang Ninh which came back on 4697 in mid July after almost 2 yrs is missing since early Aug--again succumbed to old xmtr trouble? Lai Chau on 4489v & 6910 \*1140-1330 in minority langs. GIKT 4687, the only regional Viet operating morns, even the relaying Hanoi, \*2215-0015+ & 1130-1215\*. 4783 stn could be Nghe Tinh +1230-1315\*. Son La 4770 // 6330 1145-1400 while Hoang Lien Son has moved slightly to 5513 w// 6595 1200-1330/1400. Ha Tuyen 1200-1400. Phu Khanh 5139 at +1200-1330. No sign of HCM City, 9620 6165, but MW may be active; 4/10 (S Weerakoon, S L)

✓ WEST BERLIN Per Walter Niemann, SW tech at SWF, SW xmns have never originated from RIAS/Berlin on 6005. Instead all SW pgms are from Munich xmtr. Wonder what effect that will have on NASWA country lists! (Mike Nikolich, Chicago IL) Maybe so, but official VOA info maintains a 10 kW Berlin xmtr used at 0330-1730, 100 kW Munich 1730-0330 (gh)

✓ YEMEN NORTHWEST San'a erratic but back on 4853 14/10 2105v\* good // 9780 (R Stoller, CT)

✓ YUGOSLAVIA RY obs 7/10 on 15415 ex-15300 for AR 1500-1530 & EG 1530-1600 (WBI 15/10) Cf Sep

LN-12, that info does not come from me! (Joachim Kornek, GFR) Sorry, I jumped to conclusion w/out checking initial key--it was another 'JK', J8rg Klingenfuss (gh) R Zagreb and the Yugoslav nx agcy Tanjug reptd 9/9 that a govt delegation'd visited the bldg site for RY's P new SW xmsn centre near Bijeljina (in Bosnia 100 km W of Belgrade). Visitors paid tribute to the builders for the work done so far. New site will contain four 500 kW xmtrs supplied by the Swiss-German firm Brown-Boveri (WBI 17/9)

ZAIRE Latest amendment to ITU IFRB D81 sked shows 14 fqs registered: 15350 15245 11865  
11795 11720 9770 9660 7295 7255 7205 7115 6125 6085 5995; xmtrs at Kinshasa, Lubumbashi, Mbujinayi [sic], Bandundu, Kisangani [sic], and Mbandaka (WBI 15/10)

## HARMONIC SCAN

With solar flux exceeding 200, even 300! the 30-MHz 'harmonic band' has been hopping with signals for those on the lookout for them; Oct-Nov are usually the peak months for trans-Atlantic conditions here:

- 25284.7 Gjirokaster, Albania, 5 x 5057 a good pilot; 17/10 still in at 1740 in Alb talk.  
29240 w/in 10m hamband but definite BC-type talk in unID lang 1435 17/10; probably 3 x 9746+  
29789.8 definite Brazilian PT, 24/10 1310, still in 1530; threshold level allowed lang deter-  
mination but never could pull ID despite lots of tape-replaying; may be 6th harmonic of the  
4965 stn which is actually on 4964.97, or 5 x 5957.96--is a Braz off-fq on the latter?  
30140 BBC WS 2 x 15070, a regular but not always in when other BBC 30 MHz h are probably due  
to differing UK sites; 17/10 was still audible w/play at the late hour of 1954! (2 x 15150  
30300 RMWS 5/10 1320 Roundabout Soviet Union, for once over the OC which dominates this fq/  
30360 BBC AR svc often noted on 2 x 15180, such as 1500 17/10  
30410 VOA EG nx at 1500 17/10; 2 x 15205, Woofferton site; inaudible before 1500 when Kavala  
30450 VOA USSR lang? 18/10 1405, 2 x 15225 Woofferton, inaudible before 1400 when Kavala;  
also 17/10 to 1500\* w/VOA LV, s/off  
30475 Colombia, 5 x 6095, LV del Centro, Espinal; fq varies some & not measured, 1405 18/10  
30490 BBC closing USSR service 18/10 1330\*, 2 x 15245; also on 17/10 RAI twittering at 1831  
and still in at 2014, I believe the latest 30 MHz harmonic I've had from Eu; also 2 x 15245  
30520 BBC via Sackville opening at 1458 Sat 17/10, 2 x 15260, one of the strongest signals  
at peaks (the 50s there put out more h than the 250s!) but as skip changes, can disappear com-  
pletely whilst Euros are still in. Also 24/10 after 1800 with RCL Af service  
30540 unID lang, presumably VOA USSR svc from Woofferton, 2 x 15270, 1501 17/10  
30575 Colombian usually appears with 30475; LV del Llano, 5 x 6115w, also 1405 18/10. While  
SAM 30 MHz h reception differs from Eu openings, there is some correlation re MUFs being up  
30669.9 (fq compared to CHU-14670) AR mx 1956 17/10 // 15335, presumably Tangier, Morocco DS  
30710 Grind jammer at 1419 18/10, no doubt 2 x 15355, which is R Liberty via Spain to USSR  
30750 Greek mx 1450 17/10, into German vocal 1455 had me guessing but turned out to be RMWS,  
2 x 15375 where inaudible between their jammers; strong but BBC-30780 stronger at the moment  
30770 RAI twittering and off 1745 17/10; was 2 x 15385; in past years didn't hear RAI 30 h's  
30800 BBC Russian 18/9 1221, 2 x 15400 UK site; later on, BBC WS here via Ascension (all: gh)

## UNIDENTIFIED

6210 20/9 0330-0430, mostly instl mx, "Yellow Bird" hrd thrice in that hour, pirate test? couldn't understand rare anmts. Jolly Roger's old fq (Lani Pettit, Stoux City IA) 6347 1100-1202\* v1204, As lang, nx by M & W reading stories after stating names of capital cities, hrd every AM since July; too strong for WRTH listed Laotian regional (Robert Wilkner, Ft Lauderdale, DX-South Florida 19/10) See unID under KOREA--same stn (gh) 6538 light operatic mx 0915, no anmts, maybe Sydney-based 'ethnic' pirate ex-6277; irr in Aug (Geoff Cosier, DUDXS) 9717 Indian lang, many ments of Bangladesh, F-G 1300 13/9 & daily (Mike Willis, Vic., ADKN) 15365 Fri nite around 0200 FR & EG mx, ID as WIKN which is in Lincoln ME; called them & they said they were carrying a ball game, but I had the impression they knew about this (Ron Trotto, Kissimmee FL, 28/9)

## CLANDESTINE CRANNY

Radio Marti The Reagan regime has decided to go ahead with plans to set up a stn along the lines of R Free Europe, for Cuba, to be named after Cuba's independence hero. It would have an initial budget of \$10 million, would be dawn-to-dusk and on mediumwave, to 'tell the truth' to Cubans, and the target date is Jan 1982 (numerous press reports circa 24/9, via RIB) The existing VOA 1180 Marathon in the FL keys could be used for this during VOA pgm gap 1400-2400 (gh) Continental & Harris have been asked for bids on 50, 100 and 500 kW xmtrs. US threatens to jam RMWS/RM on 600 if Cuba jams Marti (Dennis Powell NY, RNMN 22/10) If it's to be AM daytime, groundwave, lowest fq would be best--650 the lowest clear one w/no US in SE & nearest Cuban in Stgo (gh) And next door to Havana's R Liberación 640 to make jamming a bit touchy (gh) R Cuba Libre For RCL QSL I used the San Juan addr, to I suspect letter was put into the mail in Miami (no stamp or postmark however). They had Caracas return addr (John Santosuoso, Lake land FL) My report to the Caracas addr of RCL was just returned unopened and stamped "No Corresponde al Apartado Indicado" (Steve Reinstein, Miramar FL) RCL noted 0305-0325\* GMT Mon 12/10, good sig, escaped apparent deliberate CW QRM on 6990a by going up 5 kHz at 0311. Gave 3 addr, in Venez, PR, Miami; tolerable audio (Richard Stoller, CT) 28/9 0306 on 6989.3, still announcing Sun & Thu at 11 pm (local) sked (not 9pm as I erred in personal DX rep) (gh) LV de Alpha 66, 7040a, 10/10 0107 t/in MSW rapid well-scripted interchange into sloganizing ID, "spl pgm every Fri", into mly nx on commie-repulsing in El Sal, Afgh etc. F-G u/incidental rather than deliberate CW QRM but better audio than awful 7360; still 0208 but soon gone. Still, long pgm for one of these. Later distorted AMers exhorted back & forth. No RCL this date, guess not daily; Mon & Fri are GMT dates? (Richard Stoller, CT) Yes; should be 0400 now

LV de Cuba Independiente y Democrática, 7360a, 10/10 \*0101 w/7-note bell IS, M w/"Atención Cuba" btwn IS, quickly into long slogan-laden ID spiel, vy loud and somewhat distorted, esp the mx which was somewhat unbearable. Into "Síntesis Noticioso" on Guat & a long string of newswire-type items on Sadat mess. IDs as "LV del Cid" w/CID pronounced like "seed" as opposed to spelled out (Richard Stoller, CT) 7/10 0105-0132 on 7350a, began w/8 mins of world nx, absolutely no mention of Sadat assassination--strongly suggests that the bc was taped at least 24h in advance (SWNS) 9/10 on 7355 \*0102-0138\* excellent level, modulation, vy professionally done pgm w/several ancrs, M&W. Usual SP political talks, march mx, IDs. SP SSB heckler in background but completely ineffective; 99% readable for anyone fluent in SP I guess (which I am not) (Gregg Bares, Wash DC) On 7350 \*0100 ex-7355; they've always ancd 7350 anyway (Steven H Reinstein, Miramar FL, 19/9)

La Juventud Progresista Cubana 20/9 0136-0154 on 7041; political cmtry, trumpets 0142, ID 01 53; fair (Don Moore, Bellefonte PA) "Havana Moon" says FCC is still hearing Comandante David so I am convinced he is the one on Juventud (John Santosuosso, Lakeland FL)

R Antorcha Martiana 7084a, 0218-0230\*, said was organ of MNC = Movimiento Nacional Cubana, gave Miami PO Box, loud, decent audio (Richard Stoller, CT) Hrd on 7088, 0203-0236\* 18/10, organ of "movimiento --?-- Martiana", mostly tk & cmtry by 2 M. Vy strong w/only slight fades; heavy jamming underneath. Fqs ancd at least thrice as 7070, 7080, 7090, 7100. Addr as "M.E.M., PO Box 440541, Miami FL 33144". Usual slogans like "libertad, libertad, libertad", "arriba trabajadores" and "esperanza para una mañana mejor", ended w/march mx but not Cuba NA. Did not give any sked (Steve Reinstein, FL) 7092 26/9 2205-2215\*, G, same address given (Andy Newton & gh listening to his tape)

R Venceremos, from Morazán province, 6905a, sked 1200-1300 & 2300-2400 but may also operate an hour or two later at nights, 5 main staff members are Santiago or "Comandante Venceremos", whose voice is as characteristic of the stn as was Eddy Startz to R Nederland; Rafael, the nx specialist; Maravilla, the resident intellectual; Mariposa, whose voice can be heard (they say) thru any QRM; and Apolo, formerly an engr for a RomGua stn put off the air by govt bombing, who provides the tech support (TAZ[?] via Bernd Trutenau, DSWCI) A friendly RV supporter told me in Nevada that R Liberación, not R Venceremos, was the 'black' stn (John Campbell, DSWCI Ed.) An "eyewitness report" from Guardian, 30/9 via Mal Kaufman, appears in Nov RIB; claims stn has permanent setup in remote area, run by collective of 100 people (gh) Dur ing 1200 xmsn 26/9, RV ancd it had to suspend bcs for 2 days for tech reasons; also quoted Sal def min that the Armed Forces knew QTH of xmtr and that when no longer hrd, it would be because site was destroyed. FMNL had revealed plan by Sal authorities to use Puerto Rican mercenaries to destroy RV (WBI 1/10) 6906v, 11/10 0015-0058\*, F-G sig, distorted cause it's inserted-carrier USB & the carrier level is too low to fully demodulate the sig. Note the lack of LSB and you can't use USB cause it's also FMing and the carrier shift zilches the BFO mode; Grin & Bear it! Also, severe RF feedback problems, which show up as fuzzy distortion, etc., near 0130; definite problems! (Richard Stoller, CT) Been monitoring it on 6990 [confused with RCL? always around 6906v here -gh] + 5 0000-0100; opening & closing anmts men tion xmsns at 6 AM and 6 PM local (0000 & 1200 GMT) each one hour (Tony Pavick, Latrobe PA)

R Unidada R Venceremos ancd 7 & 9/10 that a new FMNL stn had begun to bc from Usulután Dept in El Sal, Thu & Sun 1500-1600 on 700 kHz. Later on 9/10, TASS reported this stn under the title R Libertad (WBI 15/10)

R 15 de Septiembre was steady on 5565.5 on their anniversary day 15/9 0300-0600\*, strong sig & no jammer (Behr, Ont.) Not hrd since 22/9; was 0400-0500 & 1030-1200 on 5555 (WBI 15/10) 18/10 0410 on 5565.2, ocll xmtr interruptions, vy strong, same old stuff; no jammer and no fq jumps so maybe first day back on air; next night or two, jammer back as well (gh)

SPV Numbers 9080, 18/10 2337-2344\* unID lang, some #s sounded like 'odyin, shaperia, volts-in, zvah'; the "nine" and "three" sounded similar to EG; AM by M ancr (Steve Reinstein, FL) Definitely Slavic exc the 9 wouldn't be like EG (gh) 24285.0, 29/9 1345 GM # by W, vy str, no carrier, 1347 to tone, SSB/USB (gh) 9137 0214-0216\* 4/9 SP W 5-d gps; 9074 0108 17/9 SP W no gps but 545 to 0110, then AR on CW, OC w/clock tick, ocll CW, 0115 tone when I quit. 9815 0635-0636\* SP W 5-d gps, Final2 17/9. 11617.5 LSB 0413-0418\* 21/9 EG W 5-d gps, immediately off w/GM accent "end of information". 11545.3 0535-0548\* 22/9 GM W 5-d gps after mx marker, no foreign accent, "Ende", tone & off. 12315a 0103-0107 26/9 SP W 5-d gps. 10500 DSB requiring BFO 0540-0544\* 30/9 GM W 5-d gps, several sets, not form ancr. Above AM uos (Raif F Munster, Decatur GA) 9325 0217-0220\* 6/10 EG W 5-d gps, tone & off (ibid.)

V of Namibia the radio pgm for SW Africa, from the studios of National R of the P R of Angola, 11/10 1600 ID mentioning 7245 and 1088, then discussion by SWAPO member, freedom song, on 9535; hrd previous day closing pgm at 1630 (Ron Howard, CA, SPEEDXGRAM)

Voz da Africa Livre 27/9 at new time 1630-1730 on 4762; was // 4950 confirming that the 4950 stn [below] is the same; and that the Cuban stn is too, since its 6045 was // 41m Voz da Resistência & Voz da Verdade two years ago (Richard Ginbey, RNBN 8/10) Lately on 4762, 0400-0500 & 1700-1800, clearly stronger in RSA than Brazzaville 4765v; & they can be heard simultaneously w/two diff pgms, so apparent carrying of fake Moz resistance stn by Brazzaville now looks inoperative (Vashek Kofinek, Richard Ginbey, DSWCI)

A Voz da Verdade & A Voz da Resistência do Governo Negro, 4950, 1800-1900 & 2000-2100 resp. regular, usually OC 1900-2000, sometimes pgm then; Kofinek says now morn bc 0330-0530 too (John Campbell, RNBN 8/10) Possibly in parallel w/increased mily activity in s Angola, the destabilising bcs beamed to Angola on 4950 by these two have been expanded to morn pgms, hour of each. Sounds like powerful xmtr run by techs who don't know how to use it properly (Vashek Kofinek, RSA, Oct DSWCI) A Voz da Verdade, 4950 \*0332 drum IS, mx & PT to 0432, 20/9 strong; reports of Mozambique Sep & Oct LN-8 are wrong; suspect former SABC site Parady; Ginbey or VZelaz should investigate the place (Behr, Ont.) Maybe Ségel? UNITA support reported there several yrs ago, ex-fq of theirs (Gerry Bishop, PA)

V of the Western Somali & Somali Abo Liberation Fronts - see SOMALIA in Nov IN (9585 09-10)  
Anti-Sudan cland via Libya, 11815 15270 15415 17930 hrd since Aug 1930-2015 in AR "Huna Om-  
durman/Sudan Aruba/Sudan at-Thowrah", but gone since Oct; possibly the stn in Aug IN-14 (6hd)  
V of the Egyptian People obs 5/10 showed this stn in AR hostile to late Pres Sadat 1900-2000  
has reverted to 9670 ex-7190; not obs on 6/10 the day Pres Sadat was assassinated (WBI 8/10)  
Saut al-Misr al-Arabi [V of Egypt of Arabism?], new pgm on Libyan fqs since Sadat's murder,  
10-15 mins at 1915, 2015 and other times thruout the day (Ernie Behr, Ont., 8/10) V of Egypt  
of Arabism svc in AR continues to be bc on Baghdad 21585 15400 1035 2000-2200 (WBI 17/9)  
V of Palestine, V of the Palestine Revolution 1270 kHz fq has been off recently; when it re-  
turned 14/9, was not // 1150. Carried Palestinian songs w/no ID, presumably test; other un-  
official stns continuing to operate in Lebanon: Free Lebanon R 1476; R Free & Unified  
Lebanon from Ihdin, 1500; V of Arab Leb, 932; V of Hope, 6215 & 945; V of Leb 6550 866 (WBI 17/9)  
V of Arab Syria Since 12/9, R Baghdad carries this ES pgm 1800-2000 ex-1900-2000, on 21585  
15400 1035, in AR, nx, comments and reports all critical of Pres Assad of Syria; after 1950  
nx, it has a brief news bulletin in EG; consequently VOPVOPR pgm retimed to 1700-1800 (WBI  
17/9) 20/9 on 21585, EG ID & nx in brief 1950-1952, 333 (Whetzel, IN, SDKA DX-TRA) EG nx  
1956-1957 on 21585 (Dean Rekich, Prospect PA)  
V of the Communist Party of Turkey Cf Sept IN-14, fqs are still 9584, 3 & 11820, and have  
never varied (Ernie Behr, Ont, 9/10)  
R Vatan(a), 9027 tent, Persian vocals, W ancr, pause to 0500\*, F-G daily; 9022 VOIRI louder.  
QRM from tactical Sky King sloopbucket garbage; 15555 unhrd any of these AMs, 30/9+ (Richard  
Stoller, CT, 8/10) Supposedly sited in Egypt, seemed to be operating normally on 15555 during  
its 1700-1800 xmsn 6/10, the day of Sadat's assassination. Also more or less normal 8/10,  
9/10, 10/10 tho periods of dead air on latter two dates (SWNS, Ont.)  
R Mujahidin continues to be to Afghanistan 1600-1655 on 9710 15305, possibly from Egypt, and  
was noted some time ago on 15460, 0230-0325 (S. Aoki via SCGX via DSWG) see MAURITIUS Nov IN  
First August Radio in Std Chinese hostile to Deng Xiaoping continues intermittently on 12120  
--hrd again 11/9 1400 after 6-week absence (WBI 17/9) "Ba Yi Diantai" hrd again strongly 13/  
9 on 12120 at 1403 tune; off 1405; heavily jammed by "JA", Back 1407-1415; jamming on the  
high side, so LSB reception worked well this day. Back w/extreme strength, unjammed at 1427,  
several terrible (hot switching?) transients at xmtr turn-on. Jamming finally back at 1435,  
but FAR (ha!) off 30 sec later anyway. Once again 1436-1444. Pgming now includes taped ac-  
tualities, echoey speech w/spkr shouting to audience applause and answers. Lin Piao, the  
Kuomintang and, of course, Mao, hot topics (David Newkirk, Seattle WA) Per nxpaper Corriere  
della Sera, CH-speaking stn R 1st of August, located in Soviet Central Asia, broadcasts dai-  
ly at 1400; pgms attack present Chinese leadership while supporting the late Army Chief Lin  
Biao. BCs are aimed at Chinese military personnel and the staff is said to be made up of de-  
fected Chinese soldiers. No fq given (Agostino Pendola, Italy, SCGX 15/9)  
V of the People of Burma, the only survivor of all the pro-Beijing communist parties' clands  
keeps on bcng on 7570, daily \*1200-1410\*, usually closed down between 1405 & 1410 w/Inter-  
national. Not on old 5110 & 6304 (Isao Ugusa, Kobe, Japan, Oct. DX Front Line)  
V of Malayan Democracy hrd in Malaysia \*0430-0515 Malay, 0515-0545\* Std Chinese, \*1245-1330  
ML, 1330-1400\* Std Ch, all on 3570 & 6940. The 0430-0515 xmsn can be received very clearly  
on 6940 and 3570 is vy weak; 1245-1330, 3570 is very clear but 6940 QRM'd by R Peking (DXFL)  
V of People of Malaya since 14/8 has been on 7025, formerly varied 6910-7017 [7117? DXFL Ed]  
(Malaysian DKer, via IUDX, DX Front Line)  
Europirates Re FRC-USA info I passed on in Sept IN, with a few harsh comments, further info  
from several sources leads me to believe it likely the reported 'secret tests' were false. The  
misunderstanding was apparently caused as a result of poor prior publicity by stns testing to  
NAM - resulting in only weekly publications obtaining the info in time to make it of use  
(Don Moore, PA) John Campbell maintains this too and is trying to get them to plan further  
ahead, witness ARTO. However, if I am told by Fri 10 am ET it can be on RCI by Sat 4:35pm  
ARTO International No sign of it on 14 or 6 MHz fqs during 18/10 tests (gh) Not hrd / (gh)  
(Dean Rekich, PA) While Dublin in on 6243.1, much weaker stn on 6232v, 0530+ 18/10, slow  
drift upwards (Foxworth) This was ARTO, 0600+ giving addr (Dan Robinson, RMMN 22/10) 19m[sic]  
xmsn was to use a huge 2-element cubic[al] quad (Nicholas Sharpe, RA DX 11/10)  
R Bombay [?], WRB, 7395 19/10 0623-0632\* EG ID, gave this fq & 107.9 FM, 203m MW, Beatles,  
carrier off during mx (Don Saunders, NJ) R Bouvet, 18/10 1600 on 14715 (boo-vay), 107.9 MHz  
& 203m, Peter Jones Show, said had been on since 1600, 1633\*, anybody have address? (Shawn  
McDaniel, IN) 18/10 1600 on 14850, R Bobay, seems Irish pirate as DJ was Morris FitzPatrick;  
also at 0625 18/10 on 7390 apx, mentioning 107.9 FM (Pat Helberg, Holgate OH) 18/10 on 7393  
R Bowlbathe (unbelievable good signal but I still must guess at name), "Sunrise" show 0548-  
0618, gave 107.93 MHz; 0630 said cancelling bc due to xmtr problems, but would be back next  
week. Also 18/10 unID pirate 6243 0540-0700\* [S Dublin, see IRELAND -gh], 6268 too (Dean  
Rekich, Prospect PA) R Confusion 28/9 bc did not take place, but was resked for 25/10  
0000 on 6820 ± 10, advance notice on RCI; vy weak & unreadable here on 6817; WPOT better (gh)  
"WPOT" 3865 USB 18/10 0236-0240 hard rock, ID, addr, times dates & fq of future bcs (Don  
Saunders, NJ) On 14548.7 20/10 0045 rock, 0050 "E Coast's bst pirate", and ancd Hallowen-  
bc Oct 31 ET at 9 pm for 3 hrs on 3490; also Nov 1 8 pm ET 7425 (Lani Pettit, Andy Newton, gh)  
Competing w/Confusion 25/10 0115 on 6807.5, giving Box 152, East Stn, Yonkers NY 10704 addr;  
rock, DJ = Chuck Wood (Charley Hoffman, PA & gh)

Ed. Note: At this point we are out of space, so must hold over remaining info for next month

# QSL REPORT

Sam Barto  
NASWA QSL Editor  
460 Emmett St. B-19  
Bristol, CT. 06010 USA



**AFGHANISTAN:** Radio Afghanistan 4740 f/d "Melon Market" postcard QSL in 7 mo. for 2 IRCs. This was 3½ mo. after a follow-up. (Lazarus-LA)... This station requires IRCs with reception reports... Sam.

**ALBANIA:** Radio Tirana 7065 f/d "revolutionary Logo" cd. in 60 ds. (Falkenhan-MD)... If you are ever depressed listen to this station.

**ANGUILLA:** Caribbean Beacon 1610 f/d "Studio" cd. in 28 ds. v/s Bob Jen-  
\* sen. (Huntwell-NJ)... Interesting station but according to NASWA rules it does not qualify as SWBC... Sam.

**ARGENTINA:** RAE 11710 n/d cd. w/ schedule in 208 ds. (Warner-UK).

**ARMENIA:** Radio Moscow via Yerevan on 21740 and 17735 f/d cds. in 5 wks. (Lazarus-LA).

**ASIATIC RUSSIA:** Radio Moscow via Khabarovsk on 12050 f/d cd. in 43 ds. (Oksenoff-CA). 15400 f/d cd. in 2 mo. (Oksenoff-CA). via Komsomolsk-on-Amur on 15180 f/d cd. in 8 wks. (Oksenoff-CA). via Petropavlovsk-Kamchatsky on 21530 f/d cd. in 68 ds. (D'Angelo-PA). via Blagoveshchensk on 11940 w/ f/d cd. in 5 wks. (Lazarus-LA). 21490 via Irkutsk w/ f/d cd. in 48 ds. (Oksenoff-CA). via Chita on 15470 and 12030 w/ f/d cds. in 43 ds. (Oksenoff-CA).

**AUSTRALIA:** VLW9 9610 via Wanneroo f/d "Map" cd. in 35 ds. for 2 IRCs. Schedule rcvd. (Overstreet-GA). VLW6 6140 via Wanneroo f/d cd. in 27 ds. for 1 IRC. (Warner-UK). VNG 12000 via Lyndhurst f/d folder type QSL in 189 ds. (Warner-UK).

**AUSTRIA:** ORF 5945 f/d "Contemporary Art" cd. in 45 ds. w/ schedule. (Roser-PA). 9770 "Alte Weipresse" cd. in 63 ds. w/ sticker. (Tekulve-OH). 12015 f/d "Snail w/ Castle" cd. in 40 ds. for 2 IRCs. (Atkins-WA). f/d "Adam" cd. in 95 ds. (Forman-NY). Schulungssender des Osterreichischen Bundesheeres (Austrian Army Radio) 6221 "Logo" cd. in 20 ds. for 2 IRCs I visited the station on Sept. 19th! (Muick-PA)... Glad your back with us A!

**BARBADOS:** Cable and Wireless 11105 from Bridgetown folder QSL in 2 wks. via London office \* for a 1966 reception of relay of the West Indies cricket matches. (Darling-UK)... Quite a nice catch Gordon!

**BOLIVIA:** Radio Abaroa 4718 f/d cd. and a personal ltr. in 1 year and 3 mo. for a SP rpt. & ms. Total time was 3½ mo. after a third follow-up. v/s Rolman Medina Mendez, QSL Manager.

\* (Lazarus-LA)... I can't help but wonder why this station has a QSL Manager when so few verifications have been received. Maybe they will start verifying more often. Hope so! Radio Panamerica 6105 f/d "Map" cd. in 48 ds. for a SP rpt. and 1 IRC. v/s Daniel Sanchez Rocha, Sub Director. (Reinstein-FL). f/d cd. in 55 ds. for a SP rpt. and ms. (Warner-UK). Radio Nueva America 4797 ltr. and a postcard rcvd. via registered mail in 59 ds. (Warner-UK)... If I remember correctly this station accepted English language reception reports a few years ago - maybe it still holds. -UK)

Radio Ilimani 6025 ltr. and tourist information in 117 ds. for a SP rpt. and ms. (Warner-UK)  
**BONAIRE:** Radio Nederland 9770 f/d cd. w/ site in 42 ds. (Park-HI). Trans World Radio 11755 f/d "Tower Construction" cd. in 24 ds. w/ schedule and other information. All for 2 IRCs v/s Barbara Roswell. (Falkenhan-MD).

**BRASIL:** Radio Nacional do Brasil (RadioBras) 15290 "Three Plaza" cd. in 20 ds. for an EG rpt. (Tekulve-OH). f/d "Architectural Art" cd. in 18 ds. Sticker rcvd. (Dittrich-FL). 17830



PEOPLE'S DEMOCRATIC  
REPUBLIC OF YEMEN  
BROADCASTING SERVICE

FREQ 7190 KHZ

POWER 100 KW

DEAR WALTER DITTRICH

Your Reception Report of the 29th July, 80.  
has been checked and found correct / ~~incorrect~~.

Remarks *Thanks for the report and sorry  
I'm not transcribing in English.*

M. S. MOOSA  
Signature

f/d "Sunset" cd. in 5 wks. (Barto-CT). f/d cd. in 22 ds. (Tekulve-OH). 17830 and 15290 cd. and cassette recording of RadioBras in 29 ds. for 3 IRCs. (Thompson-ONT). \*Radio Cultural Araraquara 3365 p/d ltr. in 3 wks. for a PT rpt. & 1 IRC. This was on a second attempt. (Gliksman-IL).

via Alan Zeichick

**FEBC**  
RADIO INTERNATIONAL

**BRASIL:** Radio Ribeirao Preto 3205 cd. in 41 ds. for a PT rpt. and ms. (Warner-UK). Radio Guaiaba 5965 cd. in 31 ds. for an EG rpt. and 1 IRC. (Warner-UK). Radio Cultura Sao Paulo ltr., photo and other information in 43 ds. for a PT rpt. and 2 IRCs. (Warner-UK). Radio Cultura de Campos 4955 p/d ltr. in 135 ds. for a PT rpt. and 1 IRC. v/s Florenilda Laimes Perqueira. Also rcvd. a city insignia. (Gliksman-IL). Radio Educadora 6 de Agosto 3406 (Xapuri) f/d ltr. in 3 wks. for a PT rpt. and ms. v/s Valdemir Nicacio Lima, Director-General. (Klein-NJ)...Very rarely rptd.

**CANADA:** CFRX 6070 f/d "Toronto Skyline" cd. in 14 ds. Personal ltr. and station sticker also rcvd. v/s C. Eastwood / L. Huber. (Lunna-VT). "Mobile Marine Cruiser" cd. in 12 ds. (D'Angelo-PA). Radio Canada International 15325 "Do It Yourself - LYDP" cd. in 1 mo. w/ decal. (Roser-PA). 21695 f/d "35th Anniversary" cd. in 37 ds. Also rcvd. other promo data on the CBC/Radio Canada. (Park-HI).

**CHINA:** Radio Peking 17680 f/d "Hall of Supreme Harmony" cd. in 16 ds. (name?) 15520 f/d "Red Cross Girl" cd. in 30 ds. w/ Great Wall of China pennant. (Tekulve-OH). BPM 10000 f/d cd. \* in 239 ds. v/s Yang Huai-xu, Chief - Section of Science and Technique. (McDaniel-IN)... Thanks for the headline on this one. For the rest of you out there, last minute QSL reports can be called into (203) 589-0083 anytime after 6PM EST. till whenever (I'm a late sleeper...Sam) Same station was also QSLed by Jerry Berg Refer to illustration...Sam.

**COOK ISLANDS:** Radio Cook Islands 11760 f/d "Shell" cd. in 23 ds. after a follow-up for 1 IRC. v/s Nooraa E. Tangarao. (Bryant-IL).

**COSTA RICA:** TIFC Faro del Caribe 5055 cd., ltr. and a pennant in 24 ds. for a SP rpt. and 2 IRCs. (Warner-UK). Radio Nacional de Costa Rica 6035 postcards, sticker and a 2 page ltr. from Haydee de Lev, Directora in 52 ds. for a SP rpt. and 2 IRCs. (Warner).

**CUBA:** Radio Habana Cuba 11760 f/d multi-colored cd. in 198 ds. for an EG rpt. v/s Maria Montero Triana, Head of Correspondence Department. (Overstreet-GA). 11930 same type cd. in 205 ds. (Forman-NY).

**CZECHOSLOVAKIA:** Radio Prague 11990 f/d "45th Anniversary" cd. in 70 ds. (Manning-NM).

**DOMINICAN REPUBLIC:** Radio HIN 4910 p/d ltr. in only 15 years (!) for a SP rpt. and ms. Actually it was only \* 1 mo. after a follow-up report. v/s Ing. Pedro P. Bonilla P., Director General. This was for a 1966 reception. (Lazarus-LA).

**ECUADOR:** HCJB 9745 f/d "50th Anniversary" cd. in 70 ds. (Dittrich-FL). in 52 ds. w/ "Colonial Architecture" cd. (Hitsman-IA). 15155 cd. in 29 ds. (D'Angelo-PA). 15360 f/d "10th Anniversary SPEEDX Club" cd. in 15 ds. v/s John Trautschold. (Witte-CA). 26020 f/d "Special 100 watt" cd. in 84 ds. Sticker rcvd. (Dittrich-FL). 15115 "Transmitter Farm" cd. & "Flower Market" cd. in 4 mo. w/ pennant. (Tekulve-OH). Radio Baha'i 2340 ltr., cd., and a large poster from Marcelo Quinteros, Coordinator in 25 ds. for an EG rpt. and ms. (Warner-UK). Radio Iris 3381 ltr. and postcard in 39 ds. for a SP rpt. and ms. v/s Antonio Marchan C., Gerente. (Warner-UK). La Voz del Napo 3280 p/d ltr. in 3 mo. for a SP rpt. and 1 IRC. Also rcvd. a beautiful pennant. (Gliksman-IL).

**EGYPT:** Radio Cairo 9475 "Mosque" cd. in 140 ds. for 2 IRCs. (Hitsman-IA). same in 55 ds. for 1 IRC. Program schedule also rcvd. (Mayer-OH). (Tekulve-OH).

**ENGLAND:** BBC 15070 n/d "Tower Bridge" cd. in 64 ds.

\* (Tekulve-OH). Empire Radio 7325 f/d beautiful folder paper cd. in 15 ds. for 2 IRCs. v/s Dave Cooper. \* (Muick-FRG). Radio Caroline South 6310 f/d form ltr. in 20 ds. for 2 IRCs. v/s Freddie Armor. (Muick-FRG). \* Radio Liberty 7350 prepared cd. in 515 ds. after a follow-up. (Warner-UK).



via  
O'Riordan

**RADIO  
SANTAFEE**

La Emisora Orgullosamente Colombiana

1070 ONDA LARGA 4.965 ONDA CORTA

**30.000 WATIOS**

DOBLE POTENCIA para MAYOR SINTONIA

Aquí...  
y en  
todas  
partes



**RADIO HORIZONTE**

YVRY-3260 K.4 ONDA LARGA YVRZ-3265 K.4 ONDA CORTA



ENGLAND: ABC International 6235 prepared \* cd. in 612 ds. after a follow-up rpt. and an SASE. (Warner-UK).

EQUATORIAL GUINEA: Radio Equatorial Bata 5005 n/d personal ltr. in 1 1/2 yrs. for a SP rpt. and 3 IRCs. v/s Fdo. Antonio Nguema Ndongo, El Director. Arrived via registered mail. (Lazarus-LA). Very nice going Henry!

EUROPEAN RUSSIA: Radio Moscow via Lenin \* grad on 11755 f/d cd. in 5 wks. (Gliksman-IL). via Serpukhov on 17700 f/d cd. in 5 wks. (Lazarus-LA). 15455 via Simferopol w/ f/d cd. in 68 ds. (D'Angelo-PA).

FEDERAL REP. OF GERMANY: Coast Sound \* Radio 6220 cd., and ltr. in 30 ds. for 2 IRCs. (Warner-UK).

FINLAND: Radio Finland 17800 n/d "Finnish Architecture" cd. in 39 ds. Schedule also rcvd. (Overstreet-GA).

FRANCE: Radio France International 21620 "50th Anniversary" cd. and a personal ltr. in 34 ds. (Tekulve-OH). 21580 same cd. w/ decal in 21 ds. v/s L. Malki. (Roser-PA).

FRENCH GUIANA: FR3 4972 p/d cd. w/ sticker for a FR rpt. and 2 IRCs. v/s M. Bonnet. (Krueger-FL). 6170 f/d "Map" folder cd. in 18 ds. for a FR rpt. & 2 IRCs. Sticker rcvd. (Reinstein-FL).

GABON: Radio France International via Movabi on 15435 f/d "50th Anniversary" cd. w/ decals in 44 ds. for an EG/FR rpt. and 2 IRCs. (Hensley-TX).

Africa Number One 11755 n/d ltr. in 1 1/2 years for a FR rpt. C/V #150! (Huniwell-NJ).

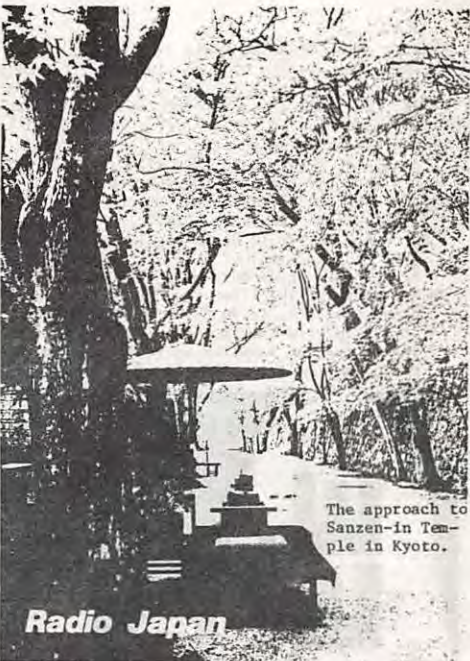
GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 9560 f/d "Childs Painting" cd. in 84 ds. (Manning-NM). 11975 "Kampmann-Berlin" cd. in 28 ds. (Tekulve-OH).

GREECE: Voice of Greece 11730 f/d "View of Uronadas" cd. in 111 ds. (Manning-NM). 9515 same cd. in 101 ds. for an EG rpt. (Tekulve-OH).

GUATEMALA: Radio Chortis 3380 form ltr. in 22 ds. for a SP rpt. and ms. (Warner-UK). Radio Maya de Barillas 3325 f/d "Mayan Indian and Temple" cd. in 60 ds. for a SP rpt. and ms. which were used. v/s Lorán W. Veith Jr. (Falkenhan-MD).


HAWAII: WWVH 15000 "Boat and Logo" cd. in 16 ds. v/s C.L. Trembath. (Tekulve-OH). same in 16 ds. (Manning-NM).

HOLLAND: Radio Nederland 9770 "Courtyard" cd. w/ photo of Tom Meyer in 44 ds. for 2 IRCs. (Hitsman-IA). 9895 f/d "Drei Personen by Karel Appel" cd. in 58 ds. (Park-HI). 17605 cd. in 58 ds. w/ schedule. (D'Angelo-PA). Free Radio Service Holland 7315 f/d cd. in 10 ds. Operator is a good friend of mine. I produce a DX program that is broadcast at 0945 GMT every 4th Sunday. (Muick-FRG)...What else is new A1? HI! Radio Nolan 6270 f/d "Girl w/ Headphones" cd. in 15 ds. v/s Ronnie Nolan. (Muick-FRG). 6244 cd. and a ltr. in 14 ds. \* for 1 IRC. (Warner-UK). Radio Delta 6275 cd. ltr. and stickers in 136 ds. for 1 IRC. \* Also rcvd. station poster. (Warner-UK). Radio Concorde 7338 via Radio Hotel Amigo cd.,



The approach to Sanzen-in Temple in Kyoto.

**Radio Japan**



# Rádio Olinda

Dear Mr. Howard:

Was a great pleasure to receive your report from Santa Barbara, California, and with this letter we verify that the station you heard on the frequency of 3285 KHz on the band of 90M, at 01.50 GMT, was RADIO OLINDA broadcasting in Portuguese, from Olinda, located 8 KM from Recife capital city of Pernambuco, date of reception was December 7, 1978.

stickers and a letter in 33 ds for 2 IRCs. (Warner-UK). Radio Gerona 6289 form ltr. in 48 ds. for 1 IRC. (Warner-UK). HONDURAS: HRVC 4820 p/d cd. in 24 ds. for an EG rpt. and 2 IRCs. v/s Cindy L. Maradraga. (Manning-NM).

**VERIFICATION SIGNERS:** Radio Cooperativa Satipo 4785 Damasco Parades Corrvacho; Radio Mundial Bolivar 4770 Senora Trina de Bartoli; Ondas del Huallaga 3330 Flaviano Llanos M., Legal Representative; Radio Educacao Rural 4753 Ailton Guerra, Gerente; Azad Kashmir Radio 4980 M. Sajjad Ali Siddiqui. Radio El Mundo 6120 Amelia Ferreras, Jefe de Relaciones Publicas; Radio Caraja de Anapolis 2420 Nilson Silva Rosa; Radio Assuncao Cearense 3315 Maria Geraldina Demesceno, Secretary; Radio Jornal Transamazonica 5027 Paulino Lopes Pavao; Radio Record 15135 Selma Leite; TGMUA 5980 Esteban Lopez Porras, Executive Gerente General; Radio Kiribati 16433 Keith Daniels; All India Radio-Srinagar 3277 T. N. Dhar, Station Engineer; Radio Difusoras Atriplano 5045 Rosario Ossio Johns, Secretary; YVTO 6100 Captain German Romero Ocampo; Radio Nacional de Sao Gabriel de Cachoeira 3375 Ana Maria Carneiro de Mato; Radio Cultura Pocos de Caldas 3265 Francisco de Assis Araujo, Director; Radio Colosal 4945 Luis Fernando Navarro Gonzales; Radio Nacional de Costa Rica 6035 Haydee de Lev, Director; Radio Iris 3381 Antonio Marchan C., Gerente; Radio Tezulutlan 4835 Oscar Alejandro Prado; RRI-Pekanbaru 5886 Azil Azwar, Station Manager; Radio Nueva America 4797 Elvira Lloza de Salmon, Director; Radio Ilimani 6025 Mario Ortiz Ortiz, Director; Radio Nacional Tabatinga 4815 Ana Maria Carneiro de Matos (note above); Radio Carve 6155 Graciela Corradi de Capi, Secretary; Radio Occidente 3225 Berta Puente A., Secretary; Radio Nacional Rio de Janeiro 9705 Luiz Felipe Aguiar, Gerente; Radio Cultura Sao Paulo 6165 Olimpo Jose Franco; FR 3 Radio Noumea 7170 Pierre Martins; Central Broadcasting System 9630 Lee Ming; Radio Valera Benita Moncayo; Radio Candip 5066 Michel Ramboux; and La Voix du Zaire - Kinshasa 15245 Mabumba Bulisi, Technical Director.....Hope these help ...Sam.

**HUNGARY:** Radio Budapest 17710 "Night City" cd in 29 ds. (Smith-NY). "Shortwave Club" cd. in 56 ds. w/ pennant. (Tekulve-OH). 9585 f/d black and blue "City Scene" cd. in 28 ds. w/ pennant. (Cronin-NY). 9835 cd. in 63 ds. (Roser-PA). same in 101 ds. w/ pennant. (Tekulve-OH).

**INDIA:** All India Radio 11620 f/d "Temple" cd. in 45 ds. for an EG rpt. (Manning-NM). f/d "Jaipur City" cd. in 190 ds. for 2 IRCs. (Atkins-WA).

**IRAQ:** Radio Baghdad 9745 f/d folder cd. w/ Map and RBI Emblem in 130 ds. (Kononchik-CT).

**IRELAND:** Radio Dublin International 6910 f/d "Map of Ireland" cd. in 61 ds. for 1 IRC. (D'Angelo-PA). ABC Radio Waterford 6230 ltr. in 7 ds. for 1 IRC. (Warner-UK). Capital Radio Dublin 6275 f/d cd. in 15 ds. for 1 IRC. (Warner-UK). Wicklow Local Radio 6790 prepared \* cd. w/ long ltr. in 20 ds. for 1 IRC. (Warner-UK). Northwest Radio County Mayo 7350 prepared cd and other information rcvd. in 18 ds. for 1 IRC. (Warner-UK). WABC Radio Ballaghaderreen 7350 prepared cd. in 18 ds. for 1 IRC. (Warner-UK).

**ISRAEL:** LBA 9815 f/d "Chalutzim" cd. in 46 ds. for 1 IRC. Schedule was also rcvd. (Mayer-OH) same cd. in 83 ds. (Tekulve-OH). f/d cd. in 82 ds. (Roser-PA). man-NY).

**ITALY:** RAI 9575 f/d "Giorgione" cd. in 117 ds. (Tekulve-OH). 11800 same cd. in 138 ds. (For-  
**JAPAN:** Radio Japan 9505 "The Danzan Shrine" cd. in 24 ds. (Tekulve-OH). "Emperor and Empress Dolls" cd. in 25 ds. (Tekulve-OH).

**KIRGHIZ SSR:** Radio Moscow 15535 f/d "Theater" cd. in 35 ds. (Tekulve-OH)...via Frunze.

**KOREA, REPUBLIC OF:** Radio Korea 7550 f/d "Studio" cd. in 152 ds. Pennant rcvd. (Cronin-NY). 11725 f/d "Logo" cd. in 42 ds. (Overstreet-GA). 9575 f/d "White Porcelain Jar" cd. in 26 ds. Also rcvd. a map of Korea. (Tekulve-OH).

**KUWAIT:** Radio Kuwait 11650 n/d form ltr. with other information in 42 ds. v/s Jawad Al-Maz-eedi, Chief Engineer. (Reinstein-FL). n/d folder cd. in 30 ds. (Manning-NM).

**LATVIAN SSR:** Radio Moscow via Riga on 15220 f/d cd. in 48 ds. (D'Angelo-PA).

**LEBANON:** Voice of Hope 6215 f/d ltr. in 40 ds. for 2 IRCs. Report was sent to the Israeli address. (Muick-FRG). Radio Voice of Lebanon 6550 f/d ltr. in 139 ds. for an EG rpt. and 1 IRC. v/s Joseph El-Hashem, General Manager. (Lunna-VT).

**LESOTHO:** Radio Lesotho 4800 f/d "Flag" cd. in 55 ds. for 3 IRCs. (Peck-NY).

**LITHUANIAN SSR:** Radio Vilnius 11790 plain white cd. in 65 ds. Also rcvd. nice pennant. (Tekulve-OH).

**MALAYSIA:** Radio Television Malaysia 7295 f/d "Bowl Drum" cd. in 1 mo. for 1 IRC. Site was given as Kajang. Should be Penang - I have written to RIM for clarification. (Gliksmann-IL).

**MALI:** Radio Nationale du Mali 5995 f/d "Map" cd. in 58 ds. for a FR rpt. (Reinstein-FL).

Thank you for your reception report of BPM. This is to verify the following report: via Jerry Berg

Call BPM Frequency 15MHz

Location 109° 31' E, 35° 00' N


Date 26/4/81 Time 12:25 GMT

Radiated Power 10-20 KW

Antenna omnidirectional

Signature Yang Hui-xu 杨怀旭

Title Chief, Section of Science and Technique



陕西天文台

**MEXICO:** Radio Mexico 15430 cd., schedule and sticker in 159 ds. for a SP rpt. and 1 IRC. (Warner-UK).

**MALAGASY REPUBLIC:** Radio Nederland 25650 f/d "Studio to relay Link" cd. in 42 ds. (Park-HI)...out of order.

**NAMIBIA:** Radio SWA 3270 cd. in 74 ds. for 1 IRC. (Warner-UK)

**NEW CALEDONIA:** FR3 11710 f/d ltr. in 135 ds. for an EG rpt. and 2 IRCs. (Lunna-VT).

**NEW ZEALAND:** Radio New Zealand 15485 f/d "Sheep Grazing by Lake" cd. in 46 ds. for 1 IRC. v/s Tony King. (Park-HI). 11675 f/d "Visitors at Maori Tourist Village" cd. in 46 ds. (Park-HI).

**NICARAGUA:** La Voz de Nicaragua 5950 p/d ltr. in 52 ds. for a SP rpt. and 1 IRC. v/s Juan Maltes, International Program Director. Pennant also rcvd. (Reinstein-FL).

**NIGER:** ORTN 5020 f/d "Map" cd. in 5½ mo. for a FR rpt. v/s M.M. Hayari, La Chief. (Huniwell-NJ). same in 77 ds. for 1 IRC. (Dittrich).

**NIGERIA:** Voice of Nigeria 15120 via Ikorodu f/d "Remembrance Arcade" cd. in 192 ds. Also rcvd. a 35 page program schedule. (Murff-NM). f/d "Milk Sellers" cd. in 146 ds. for 1 IRC. which was returned. (Warner-OH). Federal Radio Corporation 6050 via Ibadan n/d form ltr. in 6 mo. after a follow-up rpt. v/s V.A. Kalejaiye, Assistant Director. (Overcamp-SC). same in 47 ds. for 1 IRC. (Warner-UK).

**NORTH SOLOMONS:** Radio North Solomons 3322.5 f/d ltr. in 5 wks. for 1 IRC. v/s Sam Sawa, Assistant Manager. (Kohlbrener-PA).

**NORWAY:** Radio Norway 17795 f/d "Romsdal Costumes" cd. in 59 ds. w/ sticker. (Cronin-MY). 15175 and 17795 same cd. in 20 ds. w/ emblem. v/s Krauss Dahl. (Smith-NY). 11860 same in 33 ds. w/ schedule. (Forman-NY). 17795, 15345 and 11895 f/d "Agder" cd. in 26 ds. Station emblem rcvd. v/s E. Thokle. (Smith-NY).

**PARAGUAY:** Radio Nacional Asuncion 11915 n/d form ltr. in 90 ds. for a SP rpt. and 3 IRCs. v/s Carlos Tomas Montaner, Jefe Tecnico. (Hensley-TL). 11914.2 same in 2 mo. for a SP rpt. and 3 IRCs. (Kirkland-ONT).

**PERU:** Radio Atlantida 4790 ltr. in 77 ds. For a SP rpt. Pennant rcvd. v/s Ivan Tenorio Matute. (Dittrich-FL). Radio San Martin 4810 ltr., sticker and a pennant in 65 ds. via registered mail. v/s Edgar Portocarrero A., DG. (Warner-UK)

\* Radio Madre de Dios 4950 n/d cd. w/ thank you note in 27 ds. for a SP rpt. and a tape. (Warner-UK). Radio Tacna 9484 ltr. and a tourist guide in 58 ds. for a SP rpt., tape and ms. v/s Yolanda Vda. de Caceres, DG. (Warner-UK).

**PHILIPPINES:** FBC 15445 f/d "Logo" cd. in 28 ds. for 2 IRCs. v/s Mrs. Alida Landman. (Manning-NM). Radio Veritas Asia 11955 f/d cd. in 61 ds. for 2 IRCs. v/s Miss Cleofe R. Labindao. (Manning-NM). 9535 f/d "Lagoon Scene" cd. in 74 ds. for 2 IRCs. (Atkins-WA). f/d "Hummingbird" cd. in 37 ds. (Murff-NM).

**POLAND:** Radio Polonia 11815 f/d "Lazienki Park" cd. in 77 ds. w/ schedule. (Roser-PA). 15120 same cd. in 51 ds. w/ information on their DX Club. (Mayer-OH). f/d "Warsaw Scenes" cd. in 61 ds. (Dittrich-FL). 15120, 11815, 9525, 6135 and 6095 11 different cds. along with many other items in 61 ds. (Dittrich-FL).

\* Polish Pathfinders Broadcasting Station 6195 and 7205 f/d "World Map" cd. in 2 mo. for 3 IRCs. Came via registered mail. (Muick-FRG).

**PORTUGAL:** Radio Portugal 9575 "Painting" cd. in 39 ds. (Tekulve-OH). Radio Free Europe 17835 p/d "Map of Europe" cd. in 11 ds. (D'Angelo-PA)

We are pleased to verify your report on the reception of CBC International Service

Nous sommes heureux de confirmer votre rapport d'écoute du Service International de Radio-Canada

Station CKLO..... CKIK..... Poste Mo/a

Frequency 9.63 11.914..... Frequence

Date and Time 0130 EST..... Heure et date Jan. 15/60..... date

Your report has been found to be correct. Thank you and best wishes from CANADA.

Votre rapport est exact en tout point. Merci et meilleurs voeux du CANADA.



Guatemala, 25 Octubre 1970.  
 Estimado amigo,  
 Agradecemos su reporte de recepción de nuestra frecuencia 6190 Am 49 mte del día 7 de Agosto 1970. Su reporte es correcto y solvimos con nosotros, David Klein tra programación de ese día 1325 B.W. 1 Ave., Apt. 801 Gainesville, FLA 32601 U.S.A.

Chenna L.  
 RADIO INTERNACIONAL IHO CAR  
 GUATEMALA C.A.

SUBDIRECTOR



**QATAR: Qatar Broadcasting**

Service 11730 f/d "Map and Logo" folder type cd. in 4 mo. for 1 IRC v/s Jassem Mohd. Al Qattan, Head of Public Relations. (Fisher-MA). same in 1 mo. for 2 IRCs. (Kirkland-ONT). in 47 ds. w/ other info (D'Angelo-PA). 15365 same in 58 ds. w/ booklets. (Buer-FL).

**RWANDA: Radio Rwanda 3300**

n/d cd. w/ f/d ltr. in 55 ds. for a FR rpt. & 2 IRCs. v/s Viateur Kalinda, Chef de la Section Documentation et Censure. (Warner-UK)

**SAO TOME E PRINCIPE: Radio**

Nacional 4807 f/d form ltr. in 53 ds. for a PT rpt. and 1 IRC. v/s Jorge de Barros. Also rcvd. a personal ltr. and a photograph. (Bryant-IL). f/d cd. and a personal ltr. in 53 ds. for an EG rpt. and 1 IRC. (Lunna-VT).

**SARAWAK: Radio Malaysia Sarawak 5005**

via Kuching cd. in 1 1/2 mo. v/s Kio Kwang Khoon. This country is also known as Jabatan Penyiaran Urusan Kerajaan. (Kirkland-ONT)....I think I'll stick with Sarawak...Sam.

**SOLOMON ISLANDS: SIBC 5020**

cd. and a ltr. in 3 wks. v/s Martin Hadlow. (Kirkland-ONT).

**SOUTH AFRICA: Radio RSA 17780**

"Johannesburg" cd. in 24 ds. Also rcvd. pennant, sticker and a 114 page book entitled "This is South Africa". (Tekulve-OH). Capital Radio 11750 p/d

Capital Radio Presenters card in 230 ds. for 1 IRC. v/s Nick Tucker. This was my second QSL for the same report. (Gliksmann-IL).

**SPAIN: Radio Exterior de Espana 9630**

via Toledo f/d "Corrida de Toros en Chinchon" cd. in 56 ds. (Roser-PA). 11880 f/d "Bullfight" cd. in 43 ds. (Tekulve-OH). cd. in 37 ds. (Alsbrook-AR). 15395 cd. in 2 mo. (Barto-CT).

**SRI LANKA: VOA 15250**

via Colombo cd. in 21 ds. (Tekulve-OH).

**SUDAN: Radio Omdurman 11855**

p/d ltr. in 29 ds. for 3 IRCs. This was for an older reception.

\* (Buer-FL)....Now is the time to get this one. Relations seem to be good...Sam.

# CP 136 RADIO EMISORAS

## "ABAROA"

*Esta tarjeta confirma el reporte enviado por el Sr.*

HENRY R. LAZARUS desde NEW ORLEANS (U.S.A.)

Frecuencia 4.718 Khz Metros 60

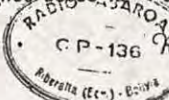
Hora GMT 02:15 Hora local 10:15

Fecha 13 de junio de 1981

*Gracias por su gentileza en sintonizarnos y su reporte es correcto, corresponde a nuestra estación según verificación de la transmisión de la fecha.*

*Le saludamos desde la "Perla del Manutata".*

*Rene Arias P.*  
DIRECTOR



*Roman Medina M.*  
QSL-MANAGER  
Casilla No 58  
Riberalta, Bolivia

**\*PORTUGAL - THE COUNTRY THAT HAS CONTRIBUTED MOST TO IN THE COURSE OF ONE CENTURY SHE DISCOVERED AND EXPLORED NEARLY TWO-THIRDS OF THE INHABITED GLOBE\***

O.S.L. RADIO PORTUGAL  
Emissora Nacional  
de  
Radiodifusão

from the collection of Bill Harms and Murray Levine

**SWAZILAND:** Radio SR "Swazi Warrior" cd. in 24 ds. for 2 IRCs. v/s Bill Cookson, Chief Engineer. (Kirkland-ONT). Trans World Radio 9730 f/d "Transmitter Site" cd. in 47 ds. for 1 IRC. v/s J. Olson. (D'Angelo-PA).

**SWEDEN:** Radio Sweden 9695 f/d "Girl and her Dog" cd. in 31 ds. (Park-HI).

**SWITZERLAND:** Swiss Radio International 21570 f/d "Berne Studio" cd. in 33 ds. v/s Judy Chisholm. (Roser-PA). 21630 f/d cd. in 16 ds. (Smith-NY). 9725 "Fribourg" cd. in 26 ds. w/ sticker. (Tekulve-OH). same in 34 ds. (Forman-NY). 11715 f/d "Locarno" cd. in 49 ds. (Cronin-NY).

**TAIWAN:** Voice of Free China 15225 f/d "Jar" cd. in 2 mo. (Barto-CT). Voice of Asia 5980 f/d "View of Asia" cd. in 2 yrs! for 3 IRCs. Report was sent to the Hong Kong address. QSL was sent from the Kaohsiung address. Also rcvd. a bookmark. (Orcutt-CA).

**TURKS AND CAICOS ISLAND:** VSIB 4788 f/d prepared cd. in 2 wks. for 2 IRCs. This was for a 1975 reception. v/s Alice Malcom, Acting Manager. (Krueger-FL). folder cd. in 14 ds. for \* a 1976 reception via London. (Darling-UK)....Can't believe it - two in the same issue!

RADIO EZUKADI QSL  
via Frank Orcutt



REPUBLICA DE GUINEA ECUATORIAL  
CONSEJO MILITAR SUPREMO  
PRESIDENCIA  
SECRETARIA DE ESTADO PARA INFORMACION  
Y TURISMO  
RADIO ECUATORIAL BATA  
AND. No 57  
(LITORAL)



Gr. Dr. Henry R. Lazarus  
1.313 Dauphine St.  
New Orleans, La 70116  
U.S.A.  
ESTADOS UNIDOS DE AMERICA

1892



**UKRAINIAN SSR:** Radio Moscow via Kharkov on 11950 f/d cd. in 6 wks. (Glikman-IL).

**UNITED ARAB EMIRATES:** Dubai Radio and Colour Television 15320 f/d "Map" cd. in 23 ds. v/s K.F. Fenner. (D'Angelo-PA) 17775 and 21625 f/d cd. in 42 ds. for an EG rpt. (Tekulve-OH).

**UPPER VOLTA:** Radio Voltaique 4815 form ltr. in 74 ds. for a FR rpt. (Bryant-IL).

**USA:** VOA 21485 via Bethany f/d "Golden Gate Bridge" cd. in 10 ds. (Tekulve-OH). 6130, 15205 9650 and 5995 via Greenville cds. in 10 ds. (Tekulve-OH). WYFR 9535 "Logo" cd. in 20 ds. (Tekulve-OH). 15130 same in 28 ds. (D'Angelo-PA). WINB 15185 f/d cd. in 17 ds. for ms. (Manning-NM). KGEI 9615 cd. in 58 ds. for 2 IRCs. (Hitsman-IA). Organization of American States 15160 via VOA-Greenville f/d form ltr. in 12 ds. w/ booklets on the OAS. (Buer-FL). WWV 10000 f/d "Indian and Transmitters" cd. in 19 ds. v/s John B. Milton (Roser-PA). 15000, 20000 and 10000 "Logo" cd. in 12 ds. (Tekulve-OH).

**URUGUAY:** Radio Carve 6155 ltr. in 13 ds. for a SP rpt., tape and 2 IRCs which were returned. v/s Graciela Corradi de Lapi, Secretaria. (Warner-UK).

**UZBEK:** Radio Tashkent 9540 "Museum of Art" cd. w/ ltr. in 3 mo. for 2 IRCs. v/s Mrs. Babadjanova, Correspondence Section. (Kirkland-ONT).

VATICAN: Radio Vatican 6015

"50th Anniversary" cd. in 29 ds. w/ sticker. (Tekulve-OH). same in 20 ds. (Reinstein-FL).

VENEZUELA: Radio Rumbos

4970 cd. in 240 ds. for a SP rpt. and 1 IRC. (Warner-UK). YVTO 6100 cd. and a ltr. in 57 ds.

for a SP rpt. and 1 IRC. (Warner-UK). cd. and other material in 27 ds. (Kidd-CA).

VIETNAM: Voice of Vietnam 15012 f/d ltr. in 70 ds. (D'Angelo-PA). in 150 ds. (Falkenhan-MD).

YEMEN ARAB REPUBLIC: Radio Sana'a 9780 form ltr. in 219 ds. for 1 IRC. (Warner-UK).

ZAIRE: Radio Bukavu 4839 rcvd. a personal ltr. and a copy of a ltr. to Kinshasa notifying them of my reception. This was for a FR rpt. and 1 IRC. v/s Mr. Katchunga B. Shabani,

\* Directeur de la Radio Bukavu. All this in 7 wks. (Gliksman-IL).

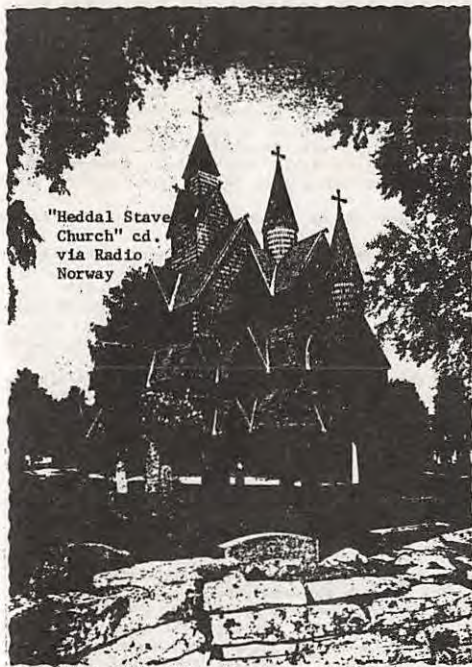
NOTE: This month was a little slow. Actually I started to type this column about a week earlier than what I usually do. We had a total of 91 countries reported. Some good notables include Barbados, Turks and Caicos, Sudan and Equatorial Guinea among others. After having a good laugh we can once again get down to some good QSLs. Next month I hope to produce an outstanding column. We will be illustrating some of the better QSLs from the past year. Let me know if you enjoy this type of column. It could turn into a yearly feature....Sam.

COMMENTS: Sliding down the band a bit Dean Rekich in PA. reports a Radio Moscow QSL for 600 kHz w/ the transmitter site listed as San Antonio Las Vegas. Could this be only for the medium wave transmission or is their shortwave transmissions also emanating from this location?

Morley Kirkland in Ontario informs us that the postage rates have been increased by anywhere from \$.13 to \$.45 depending upon the type of service. First class letters in Canada are now \$.30 just for in country delivery! This will probably hit the QSL collector pretty hard. I thought \$.20 was bad!...Sam.

Save me a drumstick,

*Sam*



"Heddal Stave Church" cd. via Radio Norway

BRASIL TURISTICO

NO A RIO DE JANEIRO RJ  
Vista da Ponte Presidente Costa e Silva  
RIO NITEROI: um monumento com 13 980 m  
de comprimento sobre a Baía de Guanabara  
View of the President Costa e Silva Bridge  
RIO NITEROI: a monument of 13 980 m  
length over Guanabara Bay

A RADIO RELOGIO FEDERAL,  
operando em 4905 KHz,  
com (5) KW, antena dipolo (DELTA), confirma sua  
oscuta no dia 30/05/1978  
as 09.01 GMT, Faixa de  
60 metros.

Atenciosamente,

*Otto Silveira*  
a) Otto Silveira - Ass. Tec.

Remete: Radio Relogio Fed.  
Apartado, 4543  
20.000 . RIO DE JANEIRO  
BRASIL . S. America

via Ron Howard



# update

November 1981\*\*\*Number 102

Tom Alleman  
615 W. 43rd Terr., Apt. 6  
Kansas City, MO 64111 USA  
(816) 931-5943 7-10 p.m. Central Time only!

UPCOMING DEADLINES: 10 November (Mid-Nov) 22 November (December) 10 December (Mid-Dec)

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

- BRAZIL** R. Nac. Sao Gabriel, 3375, in PT 0300; very nice level and best stn on band. ID, freqs, calls, power and samba mx. Pleasant. (tba) +++ R. Ribamar, 4785, in PT 0820; fair w/ usual pgs. More important was second Brazilian underneath, tentatively R. Brasil Campinas based on partial R. Brasil ID under Ribamar. (Klein, NJ) +++ R. Por Um Mundo Melhor, 4855, in PT 2245; fair. M&W anncrs, talk, A Voz do Brasil pgm. ID on hour and into net pgm. (Klein, NJ) +++ R. Journal Transamazonica, 5025, in PT 0825; good. M anncr, talk, beginning of mx selection, ID, more talk on soccer. (Klein, NJ) +++ R. Guarujá, 5975, in PT 0840; fair. Choral religious mx, M anncr w/ talk on stn, rel talk, and rel. mx. (Klein, NJ)
- CANADA** CFVP Calgary, 6030, in EG 0820; fair. M anncr, small talk, ad, pops, ID as CFCN. and more mx. (Klein, NJ) +++CFRX Toronto, 6070, in EG 0815; fair. Toronto weather, TC at CFRB, and sports on Expos-Mets game. (Klein, NJ) +++CKFX Vancouver, 6080, in EG 0805; poor. C&W mx, ad for records, TC w/ stn slogan, and more mx. (Klein, NJ) +++ CKZN St. Johns, 6160, in EG 0905; very good. Sports rpt on Expos-Mets, "Morning Show from CBN," ID, pops. (Klein, NJ)
- CHINA** Fukien PLA, 2340, in CH 1145; poor. W anncr, CH mx to 6 pips on hour, M&W w/ talks to 12 ZU t/out. (Murff, NM) +++CPBS-1 unlisted freqs of 9795 and 11800 were observed on 9-26 // 11290 and 11330 and undoubtedly many others from 0750 w/ CH opera. 11800 strong but w/ relay quality audio. CPBS xmtrs are all over China and it would be nice if someone in the area would take on the chore of pinning down their locations a la Olle Alm w/ the USSR outlets. (Hill, CA)
- CLANDESTINE** LV de Cuba Indep y Dem., 7356, in SP 0110. Strong. Nx by M mentioning Nicaragua and San Salvador. ID 0114. (Alexander, PA 10-6) +++ V. of Namibia, 9535, in EG 1630 after R. Nac. pgm ends, M&W in EG w/ ID: "This is the Voice of Namibia the radio pgm for SW Africa . . . transmitting from the studios of Nacional Radio of the Peoples Republic of Angola." Mentioned 7245 kHz and 1088 MW. Then discussion w/ member of proletariat bureau of SWAPO and SWAPO Secretary of Labor abd condx in Namibia plus song "Give Me Back Namibia," changed to lang 1624 and began to fade badly 1635. (Howard, CA 10-10)\*\*\*"Give Me Back Namibia???" Does it have a good beat? Can you dance to it? tba
- COLOMBIA** LV de Yopal, 5051-, in SP 0950; fair. LA version of Anniversary Waltz (isn't anything sacred?) to W anncr w/ ID/TC/ad and more mx. (Klein, NJ) \*\*\*To answer your question Stu, no and certainly not if Beethoven can be discised. tba
- ECUADOR** R. Pop. Indep., 4801, in SP 0540; good. Usual Andean fare, anncmts. Male DJ. (Alexander, PA 10-10) +++R. Paz y Bien, 4920, in SP \*0925; NA, s/on w/ pgm sked for the day, freqs, call and into usual morning show. M DJ and mix of ballads and folk w/ long anncmts between records. Only one ID besides s/on. (Whitacre, TX 10-14, 15) +++R. Federacion, 4960, in SP \*1040; fair but fading out. Long vocal NA, M anncr w/ s/on spiel. (Klein, NJ) +++ Ondas Canarias, 5045, in SP 1035; fair. EsL mx, M anncr w/ TC/ID, more mx and fading fast. Splash from Jesus del Gran Poder. (Klein, NJ)
- EQ. GUINEA** Bata, 5003+ in SP 2154-2204\*; fair. Disco-like mx, ID and freqs by M at 2258. Anthem to s/off. (Wallace, PA 10-19)
- FR. GUYANA** Cayenne, 4972, in FR 0904 // better 3385. Nx by W, M&W anncr, EsL instrumentals. Strong sig but QRM from Rumbos and UTEs. (Alexander, PA 10-17)
- GHANA** GBC, 4915, in EG 0610; nx by M and into verns talk at 0616. (Alexander, PA 10-11)
- GUAM** KTWR, 11840, in EG \*0745-0830; fair. ID, sked, rel mx, "Dateline Guam" 0800. Then "Exploring Your Mind." (Alexander, PA 10-17)
- HONDURAS** R. Juticalpa, 4780, in SP 1010; very good. Nice ranchera mx, M anncr w/ 2 ads, TC, ID and more mx. On early, methinks. (Klein, NJ)
- \*\*\***INDIA** AIR Madras on 9525 heard w/ IS from 0123 then \*0125 w/ Vividh Bharati pgm; usually under Warsaw but sometimes mixing at near equal strength. There also seems to be a 3d stn underneath these two. Some sources list \*0100 or \*0115 but \*0125 is correct. (Hill, CA)
- INDONESIA** RPDT Bulungan assumed on 2977 at surprising level from 1350 in lagu melayu; at 1357 anncmts over Percy Faith's "Where is Love? to 1400\*. S/off ID, if any, unreadable because of weak speech modulation. (Hill, CA)+++RRI Denpasar, 3945, in IN 1300; fair. W, local nx, ID, M w/ mx. (Murff, NM) +++ RRI Palu, 3960, in IN 1258; M w/ possible comment on Sri Lanka 1300. Also talks abt Singapore. (Murff, NM) \*\*\*These two relatively rarely reported. Would be interested to see if they turn up elsewhere. tba\*\*\*RRI Ujung Pandang, 4719, in IN 1205; poor. Natl pgm, ID 1230, local mx, ID 1242. (Murff, NM) +++ RRI Pekanbaru, 5886, in IN 1245; poor. W, local mx, some island mx, ID 1300. (Murff, NM)
- \*\*\***IRELAND** S. Dublin R., 6243, in EG 0501 10-18 w/ pops (e.g., Blondie, Beatles, etc.) M DJ. GMT +1 TCs, ments of b'cast to Eur and USA, requests for IRCs and occasional taped GM IDs by W. Strong sig, reported 1 kW, good mod but anncmts not in as well as mx. 0700+\*. (Barrea, DC)--- Same \*0500-0706\*. Vy weak and only audio on suppressed carrier. QRM prevented copy early on but got a few song titles later. "Celebration" and a couple of ABBA tunes. S/off anncmts 0702. Was it really W anncr. Weaker carriers on 6280, 6268. (Whitacre, TX)---Same, 0503 10-18. Soul mx, anncmt in FR over it. M DJ, mixed soul and pop mx, anncmts not hrd too well but many IDs.
- \*\*\*(Klein, NJ)+++Capital R. (International), 6268, first noted around 0525 10-18 better at 0550 recheck. Mixed pop-DJ format. Several clear IDs, especially 0604 and 0625 when M said: "You're listening to Capital R. Int'l b'casting live from the north side of Dublin . . . 6268 kHz in the 47 meter band." Spelled out QTH as in Oct LN-6. Didn't fade completely till 0800+. Also got my 3d tentative log in 2 yrs of Westside R., 6280, in roughly 0600-0800 basically w/ same

format but weaker than others. (Barres, DC)

**JAPAN** On 1 November for its EG to ECNA at 2345 R. Japan will drop 15135 and add 15300. Other freqs for Nam at 2345 and 0100 remain same. EG at 0130 and SP 0230. The new sked showed power ratings for the first time, I think, 15300 at 2345 given as 200 kW and so was 17825 0100-0300. Other tx listed as 100 kW. (Pickard, IL)

**LIBERIA** ELWA, 4765, in EG 0603-25; messages from American Bible Society, rel. mx, ID 0616. Talk abt blood shortage in Liberia and asking for blood donated from young people there. (Alexander, PA 10-10)

**MALAYSIA** RM 5965, in lang 1336; W w/ nx. (Murff, NM)

**MONACO** TWR, 9495, in EG 0640; good. Rel. mx, ID, report on Bible school in Brazil. Anncd freq as 9.5 Mhz. (Alexander, PA 10-11)

**CLANDESTINE/MOZAMBIQUE** A Vox da Verdade, from 4950 IDing clearly at \*0330 fair at first peaking 0355-0400 and fading below readability before 0430. All-PT w/ constant references to Angola, obviously its target area. Sig pattern strongly suggests Mozambique rather than Angola or Namibia. My vote is for one of the 100 kW tx at Maputo. (Hill, CA 9-22+) ---Verdade/Resistencia, 4950, noted again 0338 as before playing not much other than that great proletarian Neil Diamond. Vy strong but wish they'd stop w/ the Neil Diamond. (tba)\*\*\*More on this needs to be said. Am hearing some things that indicate two clandestines w/ different orientations are here. More to follow. tba

**NETH. ANTILLES** TWR, 9700, in EG 0600-18; good. ID, world nx, "Caribbean Night Call," anncd EG 0430-0630. (Kononchik, CT 10-14)

**PERU** R. America, 3240, in SP 1010; fair in UTE QRM. Mix of EzL EG and SP pops, few anncmts, finally caught ID by M 1019. Bad UTE on 3237. Muco surprised by this. (Klein, NJ)+++R. Atlantida, 4790, in SP 0343; very nice huaynos. Would have been even nicer w/o QRM. (tba)\*\*\*Listen to the latins, folks. Much of the most beautiful mx in the world will be found there. tba\*\*LV de la Selva, 4825, in SP \*0957-1025 10-15. S'on anncmts by M&W w/ calls MW, SW and FM freqs, and extended talk by M, all segued w/ mx w/ particular passion for El Condor Passa. Ogm seemed to end 1024 w/ anncmts by M&W and into next pgm. (Whitacre, TX) +++R. Andina, 4996, in SP 0940; f/het. Lovely nose flutes and drum mx, M anncr, ID/TC. (Klein, NJ)---Same, \*0942-1020 some of the best folklorico ever hrd, some quite rustic, even dogs barking! ID and TC after each song. S/on w/ couple of folk songs, M w/ s/on anncmts and then NA. (Whitacre, TX) +++R. Quillabamba, 5025, in SP 1040-1100 f/out. W anncr, DJ type show w/ folk mx and plenty of Tijuana brass. ID and TC 1048 and either echo commercial or promo 1058. (Whitacre TX) +++ R. Moyobamba, 5035, in SP 0235-0250; W anncr, EzL pops, SP vocals predominant. M w/ taped ID 0240, W w/ brief talk and ID. Bad QRM but getting through. (Moritz, OH 10-21)+++R. Imagen, 5035, in SP 1038-1100; ballads and 10 min. talk by M. Ment Tarapoto, couple of TGs and ad/promo1055. Accent is on I-MA-gen. (Whitacre, TX 10-14)---Same tentative 0350-0412. Almost certain this was then noted in checks from as early as 0255. Mix of mx from ballads to SP pops. Thought ID 0409 by M. Ments of Peru. Bad freq but best after 0400. (Moritz, OH 10-21)+++R. Lib. de Junin, 5040, in SP 0830; good. M anncr, ID/TC, calls, and over to nice local mx. (Klein, NJ) +++R. Rioja, 5045, in SP 0320-45\* back w/ good, clean, crisp sigs on 10-21 w/ M closing nx items at t/in--something on Lima. IDs 0321,0324,0329 and one on tape 0340. Mix of mx from rock to SP pops and ballads. Closing anncmts 0343 and NA, and quick plug 0345. (Moritz, OH 10-21)+++R. Esmeralda, 5049, tentative 1020-40; presumed w/ yipping tunes and really neat rustic vocals by W groups. M on between and no ID noted. Not on 1000 or 1005 checks. (Moritz, OH 10-21)---Same, \*1002, fair. S/on w/ NA, M anncr, s/on anncmts, and very, very bad het off Yopal. Both killed by Jesus del Gran Poder at 1015. Looks like a first class mess here. (Klein, NJ)\*\*\*Yeah, but what a mess!!! tba\*\*\*R. Chota as follows: 0144-0208 10-8 w/ flute mx and rustic tunes. M w/ IDs 0145 and 0203. Noisy but better from 0200. And also on 10-21 0203-34; super pgm of flute mx and some yipping at times. M w/ IDs 0207, 0230 and 0232. Poor-fair in QRM. Mx was just superb and its great to see a Peruvian w/ traditional mx in the evening as so many have switched formats. (Moritz, OH)\*\*\*I cannot but agree. tba

**PHILIPPINES** FEBC, 15450, in EG 2325-40; weak. ID, invited listeners to write stn for free gift. TC. Asian nx 2330. ID as FEBC Radio International. (Alexander, PA 10-16)

**SARAWAK** RMS, 7130, in lang 1220; M&W in soap opera. (Murff, NM) +++RMS, 7270, in lang, fair w/ pops, W anncr and ID by M 1230. (Murff, NM)

\*\*\***SENEGAMBIA** RS, 7210, in FR \*0558-0725. Harp IS, NA, covered by VOA at 0600. Good sig after VOA gone 0700. Then nx, M&W anncr, some AR style mx, but mostly talk. Poor sig at 0725 w/ R. Nederaland s/on. (Alexander, PA 10-17)

**SEYCHELLES** FEBA, 15200, in EG 0406-47; M&W anncrs, MoR mx, comment, rel pgm. IDs. Anncd as E. Afr. Ser. Good but turning poor quickly. (Briscoe, IN)

**SWAZILAND** R. SR, 6155, in EG Mon-Sat \*0255; repetitive Afr instr mx, 0300, singing ID, local TCs, M DJ w/ EG pops, ads, not hrd Suns. Fair most days. (Howard, CA)

**TAIWAN** VoFC, 7130, in CH \*0900. IS, talk by M&W. Local mx. // 11745. (Alexander, PA 10-11)

**USSR** Petrozavodsk, 4780, in RS 0409. Sounded like Mayak nx. (tba)

**VENEZUELA** R. Turismo, 6180, in SP 0935; very good. M anncr w/ lesson on American Continents. TC as "Turismo hora". (Klein, NJ)

**ZAMBIA** First time in a while for Lusaka here. S/on proceedings in lang 0403. Short anthem-like bridges throughout. (tba)

**UN RADIO UPDATE:** UNR skd dated 11 Oct shows 19-20 M-F tx via Greenville on 21710, 15410 and Tanager 15305. (Matthews, OH)

Best of 73. 

# log report section

1600-4899



TERRY KRUEGER

- 1610 ANGUILLA Caribbean Beacon; 0213-0301 EG old-time sermon pgm from St. Petersburg, FL, ID/QTH/freqs 0258; have they increased power as promised? (Cunningham 9-22) Yes, but still not hrd on 690...TK
- 2340 PNG R W New Britian; 1042 M lang chorals, p (Robertson 9-19)
- 2376 PNG R Chimu; 1204 lang tlk, poss. ID, mx, weak (Sherman 10-2)
- 2400 UNTID SP 0230, LAM ballads, ments. El Salvador and Nicaragua. Who is this, vp (Robertson 9-20) 2x1200 or 4x600 for sure... TK
- 2428T ADMIRALTY IS. R Manus; believed the one here 1115 9-10, FD M, some mx, code QRM. N. Ireland same day on 3905 (Nikolich) 1208 pres. FD, mx fair w/o ID. Cushen-NZ says them (Sherman 10-2)
- 2450T PNG R W Highlands; 1207 lang, mx, weak (Sherman 10-2)
- 3200H USA \*2330 now, the drive-in theater soundtracks, plays a lot of R-rated skin flicks (Moore-PA)
- 3205 BRAZIL R Riberão Preto; 2358 PT M ancrs, ID, more tlk (Klein)
- 3215 SULAWESI RRI-Menado; 1134 IN ballads, pops, vy nice, f (Robertson)
- 3220 ECUADOR HCJB; 0345 SP tlk, ID (Lineback) 0853 SP/Quechua (Hall);
- 3220 PNG R Morobe; 1129 lang, pops, chorals 1200, drums (Gliksman)
- 3225 BRAZIL Lins R Clube; 2330 PT M, ads, TC, ID, US pops (Klein 9-12)
- 3225 VENEZUELA R Occidente; 0400\* closed w/ NA 9-11; abruptly 9-12 at 0408, poor/weak under RTTY (Darling-UK) 1006 SP M cmts, mx, good (Bolland) 0300-0407 SP pops, ID/TCs (Robertson, Jordan, Johnson, Lineback)
- 3235 BRAZIL R Cl de Marilia; 2323 PT, ballads and light pops, ID (Gliksman) 2338 PT M, EZL mx (Moore 9-27)
- 3240 PERU R America; 0000 SP, US pops, M, TC/ID (Moore 9-27)
- 3240 SWAZILAND TWR; 0335-0345\* vernac. rel. tlk, chorals, ID (Cucura)
- 3241 MOLUCCAS RRI-Ambon; 1217 IN vocals, W, weak, //4845 (Sherman)
- 3245 BRAZIL R Cl. Varginha; 2350 PT EZLs, M ID/TC, promo (Klein 9-12) 2320 PT pops, mostly M tlk, ID (Alexander 9-21)
- 3251 HONDURAS R Luz y Vida; 0300 SP ID, rel-sounding vocals (Lineback)
- 3255 VENEZUELA LV del Tigre; 1007 SP M discourse (Bolland) 0200-0400\* SP fast LAM mx, ID/TC (Jordan, Johnson, Alexander)
- 3260 ECUADOR LV del Rio Carrizal; 0326 HC mx, SP M ID (Nikolich 9-12)
- 3260 PNG R Mandang; 1017 EG M nx (Bolland) 1050 FD M (Klein 9-17)
- 3275 BRAZIL R Dif. de Alagoas; 0015 PT mushy ballads, ID (Klein)
- 3275 VENEZUELA R Mara; 0120-0355 SP pops, ID/TCs, store ads, echo effects (Robertson, Jordan, Wildes, Gliksman, Alexander) \*1010 NA, M ID (Bolland)
- 3280 ECUADOR LV del Napo; 1020 SP M, choir, TC, cmts (Bolland) Charles, please use different paper as your logs are too long/thin on computer paper (hard to process), thanks... TK
- 3285 BELIZE RB; 0215-0305 ecumenical church svc., celebrating independence, arnts of various ceremonies, BBC nx, shouting, sports nx, ID and NA (Santosuosso, Leithner, Lineback, Moore, Stidwell 9-21) 0509\*, pops, sax solo, NA (Jordan 9-23)
- 3322 PNG R N Solomons; 1115 island mx, tlk by M&W in PD, EG evening nx (Brissett, Bolland, Cucura)
- 3325 GUATEMALA R Maya; 1035-1110 SP local mx, IDs, poss. rel pgm, f but clear (Santosuosso 10-1) 1025 SP ID, M, g (Sherman 10-2)
- 3325 ECUADOR Ondas Quevedeñas; 1023 SP M, cmnts, singing, p (Bolland 9-14) Not hrd too often now, others use care w/ Maya here... TK
- 3325 VENEZUELA R Occidente; 1019 SP M, discourse u/ RTTY (Bolland)
- 3335 BRAZIL R Cl. Conquista; 2345 PT EZL mx, TC, ads, ID (Klein)
- 3335 PNG R E. Sepik; 1019 lang, ID/TCs, C&W, choral mx, nx (Klein, Robertson, Bolland)
- 3345.5 MOLUCCAS RRI-Ternate; 1200 IN, no SCI, p-f (Sherman 10-2) 0953-1205 IN W nx, rock, speech, 5 pips 1100 (Reinstein, Gliksman, Bolland)
- 3355 UNTID 1145-1200 FR, Island vocals, John Denver, definite FR ancrs, M 1200, then W. Could this be Noumea? (Gliksman 9-18)
- 3360 PNG R Milne Bay; 1000 primitive vocals, C&W, lang ID, EG nx, ment of "V of Poola" or somesuch, 4-chime 1100 for 9 pm (Cunningham, Bolland, Moore)
- 3366 GHANA GBC-2 Accra; 2303\* EG, Anglican hymns, TC, NA (Florian 10-8)

- 3375 BRAZIL R Nac. de São Gabriel; 0952 PT M ID, folk mx, cmnts, TC (Bolland, Gliksmn) 0030 ID as "R Nac." only, tlk (Klein 9-13)
- 3380 GUATEMALA R Chortis; 0200 SP local mx, QRM de Brazilian, p (Robertson) tent. 1052 SP lcl. pops, M, poss. ID 1059 (Johnson)
- 3380 ECUADOR R Iris; 1020 SP, IDs, ments. Esmeraldas, MoR LAm mx, great variety of ads, xlnr till fade 1055+ (Santosuosso 10-13)
- 3385 BRAZIL R Congonhas; 2335 FT M ID, "hillbilly" mx, f (Klein)
- 3385 FRENCH GUIANA FR3; 0918-1016 FR ID, disco, rx, theme mx, interview (Hall, Robertson, Bolland)
- 3385 ENG RENB; 1030-1115 drumming on the hour, EG rx/local lang., ments. of Rabaul, C&W mx, ad (Lobdell, Klein, Brissett, Bolland)
- 3394.5M ECUADOR R Zaracay; 0410 f-p mix mx, IDs, jingles based on Wm. Tell Overture (Darling-UK) \*1008 (Bolland)
- 3395 VENEZUELA R Universidad; 1015 SP M, ads, mx, f (Bolland)
- 3406 BRAZIL R Educ. 6 Agosto; 0003 PT f/in and out, M tlk, caught "6 Agosto" of ID, into mx. Checks 0100 showed many IDs, ment of Xapuri, typical mx (Klein 9-12)
- 3427 IRIAN JAYA RRI-Manokwari; 1144 IN, //6187, chorals, rock (Gliksmn)
- 3560 N. KOREA Pyongyang; 1330 Korean cmtry, ID, xlnr (Connell 9-27)
- 3810 ECUADOR HD210A; 0923 SP M TCs, tones (Bolland)
- 3905 ADMIRALTY IS. R Manus; 1106 lang. Island mx, ID (Robertson 9-20)
- 3985 SWITZERLAND SRI; 0606 Swiss mx, into FR, rx by M (Saunders 9-20)
- 3995 GERMANY, W. DW; 0106 GM rx pgm (Saunders)
- 4000 SULAWESI RRI-Kendari; 1112 IN, EZL mx, W, chants, f (Reinstein)
- 4000 CAMEROON R Bafoussam; 2222 US pops, M FR, NA, s/off 2230 (Peck)
- 4040 ARSESER HS; pres. 1259-1310 RS, ID 1300, tlk by M, light mx pgm followed (Murff 9-30)
- 4120 N. KOREA (CLANDESTINE) V of People's Party for Reunification; 1115 monotonous Korean tlk, opera (Reinstein) 1310 KR pop mx (Murff)
- 4656 ECUADOR CRE; 0407-0428\* SP M ID, ads, rx, NA, f (Johnson)
- 4680 ECUADOR R Nac. Espejo; 0435-0931 SP LAm mx, ID, local HC mx, no ads (Halsema, Johnson, Castrillon)
- 4685I LAOS Houa Phan; 1314 lang M tlks, no mx, p (Robertson 9-22)
- 4719.3 UJUNG PANDANG RRI-Sulawesi; 1240-1250 IN, EG vocals (Lineback)
- 4750 CAMEROON R Bertoua; 2150 FR tlk, folk mx, NA, 2205\* (Peck 9-21)
- 4755 COLOMBIA R Nuevo Mundo; 0218 SP futbol, pops, ID 0300 (Gliksmn)
- 4756I BRAZIL R Dif. Maranhão; 0200 PT M way down in mud (Robertson 9-17)
- 4760 VENEZUELA R Frontera; 0230 SP M ID/calls, f (Klein)
- 4765 BRAZIL R Nac. Cruzeiro; 0917 PT mx, ads, rx (Bolland) 0837 PT local pops and tlks by M&W, ID 0900 (Johnson)
- 4765 LIBERIA ELWA; \*0601 EG, rel pgming, prayer tlk (Johnson) 2239 EG M sermon, p (Bolland)
- 4770 NIGERIA FRC-Kaduna; 2235 EG, pops, W warning on "taking off for the road" anmt, g (Hesch 9-19)
- 4770 VENEZUELA R Mundial Bolívar; 0030-0328 clscd. mx in honor of ex-prez Betancourt's death; IDs, LAm mx, TCs (Lineback, Boone, Pickard, Johnson) 0933 SP M ads, TC, rx, chimes, xlnr (Bolland)
- 4777 GABON RTVG; 2249-0002\* FR M IDs, local pops, some EG tunes, NA and off (Hesch, Rigas, Overcamp, Saunders)
- 4780 VENEZUELA R LV de Carabobo; 0930 SP mx, date/hr. between songs (Hensch) 0027-0048 under RITTY, slow ballads, ID/TCs (Darling-UK) 0215-0332 SP playing LAm pops, IDs, ads (Boone, Lineback, Pickard, Johnson)
- 4781.2 HONDURAS R Júticalpa; 1125-1135 SP tlk, UTE QRM (Lineback)
- 4785I AZERBAIJAN SSR Baku; 0120 Azerbaijani folk mx w/ zurnas, doira melody w/ clarinet, kemanja, tlk by W, dance lesson (Peck)
- 4789 IRIAN JAYA RRI-Fak Fak; 1145 IN, RRI rx (Lineback) 1154 tent, in w/ IN pops, (Gliksmn)
- 4790 PERU R Atlántida; 0935 SP M, rancheros, TC/ID (Bolland) 0238-0600 lcl. tunes, IDs, EZL mx (Castrillon, Peck)
- 4795 ECUADOR LV de los Caras; 0241 LAm disco, segued into pops, clear ID by M in reverb, TC, first time for me (Nikolich 9-30)
- 4800 LESOTHO RL; \*0400-0425 NA by marching band, Sesotho ID by W; rel. hymn by M chorus 0402, sermon in Sesotho by M (Peck, Sherman)
- 4800 VENEZUELA R Lara; 2340-0502\* clscd. mx, pops, ID/TCs, freqs. and NA (Rigas, Castrillon, Boone, Pickard, Sherman)
- 4801.1 ECUADOR Pop. Ind.; 0727 SP local mx, M IDs, ments of S. Francisco, g (Johnson) 0458 TCs, ID, ballads (Darling-UK 9-12)
- 4805 BRAZIL R. Dif. Amazonas; 0955 PT M tlk, no ID (Bolland)
- 4807 SAO TOME RN; 2139-2301\* PT tlk, variety of pops and flute solo, ID and rx, march NA (Reinstein, Gliksmn, Peck, Cucura)
- 4810 PERU R San Martín; 0338-0520 lcl. mx, ID/TC, g (Klein, Johnson)

- 4811 GABON Africa No. One; 2130-2301\* FR and EG pops, FR M IDs and TCs, hillife mx (Johnson, Florian, Peck) 0500 (Lineback)
- 4815 BRAZIL R Nac. Tabatinga; 1004-1031 PT M, tlc like Donald Duck character, PT mx, ads, "R Nac." ID, Guatapurí on at 1030 (Bolland)
- 4815 COLOMBIA R Guatapurí; 0050-0200 M tlc, SP mx, ID (Boone, Murff)
- 4815 UPPER VOLTA Rdf. TVV; 2130 FR mx, M, hrd on R-390A (Peck)
- 4820 ECUADOR R Dif. Paz y Bien; \*0195 SP, NA, M full ID s/on anmts and calls, power etc., vg (Klein 9-19)
- 4820 HONDURAS HRVC; 0300-0502\* EG rel. tlc, mx, "Night Sounds" pgm, nx, ID (Murff, Pickard, Alexander, Johnson)
- 4825 GUATEMALA R Mám; 0010-0025 haunting local song by W, taped SP ID w/ calls/freqs., trumpet/marimba song, hellish QRM (Cunningham, Jordan)
- 4825 USSR unid 1249 RS vocals, p (Lineback 10-4)
- 4830 GABON RTVG; 2252 pleased to find this one in nicely, Afro vocals, great saxophones (jazz lovers tune in) //4777, ID 2300 (Nikolich)
- 4832 COSTA RICA R Reloj; 0300-0452 M ID, LAM pops, nx, TC and local anmts (Bauernhuber, Johnson, Plotnick)
- 4835 BRAZIL R Nac. Boa Vista; 0913 PT local pops, M, ID (Johnson)
- 4835 GUATEMALA R Tezulután; 0135 usual marimba mx, long tlc between tracks (Darling-UK 9-12) 0020 marimbas, SP ID (Moore, Johnson) 1139-1145 SP/vernac. local mx, discourse (Bolland)
- 4835T SARAWAK RTVM; 1131-1157 lang mx, tlc by M, ments Malaysia (Johnson)
- 4835 S. AFRICA SABC; 0404-0432 EG M cmtry on farming, ID, nx headlines, pops (Manning, Hensley)
- 4840 VENEZUELA R Valera; \*1000 NA, SP ID, info (Sherman 10-2) 0100-0409 SP ads, ID/TCs, LAM ballads (Choroszy, Lobdell, Murff, Boone)
- 4845 BOTSWANA RB; 0406-0417 Setswana M, ID 0416 into Afro mx (Cucura)
- 4845 MALAYSIA RM; 1310-1338 Malaysian tlc, EZL mx, nx 1330 (Murff 9-30)
- 4845 MAURITANIA RN; \*0555-0715 FR W, nx, drums, guitars (Bolland, Murff)
- 4845 MOLUCCAS RRI-Ambon; 1200-1320 IN W, C&W mx, instrs., ID and RRI nx 1300 (Lineback, Murff)
- 4850 CAMEROON RN; 2150-2230 FR pops, EG pop, C&W, W DJ, ID (Posporelis) 2228-2301 FR, light pops, ID, NA (Johnson) 2300\* (Bolland)
- 4850 ECUADOR R Luz y Vida; 1014-1036 native guitar mx, SP M ID, instr. LAM mx, TC (Lobdell, Choroszy, Johnson)
- 4850 SURINAM SRS R; 0925 lang/EG fast tlc, ID, ment freqs (Artz 10-3) 0330-0431\* DT M DJ, IDs, pops, EZL mx, choral NA (Buer, Lineback)
- 4855 BRAZIL R Por um Mundo Melhor; 2320-2347 PT ads, trumpet segues, electronic effects, ID 2328, lite pops (Reinstein, Florian)
- 4855 MOZAMBIQUE RM; \*0355-0405 IS on xylophone, multi-lang. ID by M, nx 0400, p (Murff 9-9)
- 4865 CHINA Gansu-PBS; 2244-2300 CH clear ID w/ 6 pips 2300, tlc by M&W good window for China! (Reinstein 9-18) 2315 CH W, folk mx (Peck)
- 4865 COLOMBIA LV del Cinaruco; 0050-0305 SP futbol, shouting, ads, ID (Plotnick, Johnson, Pickard)
- 4870 BENIN RTVB; 0458-0555 FR ID, how to arrange weekends in Lomé and Cotonou, local mx, places to eat, nat'l mx (Murff, Pickard)
- 4870T ECUADOR R Rio Amazonas; \*1030 long march, SP M ID, indigneous mx
- 4875T BRAZIL R Jornal do Brasil; 2337-0022 PT tlc, ments Brasil, light pops (EG and PT), tlc from 0001, maybe ID, into ballads (Gliksman)
- 4875 COLOMBIA R Super de Medellín; 0315-0508\* SP ads, LA mx pgm, off in mid-song (Johnson, Jordan)
- 4875 COLOMBIA LV del Norte; 1031-1040 SP long string of ads w/ phone #s, several quick IDs by M, LAM pops; Sorong 1100 recheck (Reinstein)
- 4875 IRIAN JAYA RRI-Sorong; 1145-1330 IN western mx, variety mx pgm, RRI nx 1200 (Lineback, Murff)
- 4876 BOLIVIA La Cruz del Sur; 1003 SP vocals, ID, rel. px (Klein)
- 4890 HONDURAS R Lux; 0020-0255 SP IDs, EG and SP ranchera mx, TCs, anmts and 0300 s/off (Boone, Pickard, Castrillon, Alexander, Johnson, Bolland)
- 4890 PNG NBC; 1000-1230 C&W, ads, EG DJ, daily nx 100 (believe 2100 local PNG) // most, rock, church nx (Bolland, Bauernhuber, Johnson, Connell, Murff, Schoof)
- 4895 BRAZIL R Bare; 0928 PT cmnts, ID, mx, f (Bolland 9-19)
- 4895T SARAWAK RM-Kuching; 1145-1215 lang, weak, pres. (Lineback 9-13)

73  
Terry

# log report

section

4900-6199

# B

JERRY BERG

- 4900 **VENEZUELA** R. Juventud, Barquisimeto, 0121 on 9/2 with rock mx, ID by man (Saunders-NJ), same at 0215 on 9/10, ID at 0220 (Connell-CA), same at 0306 on 9/8, hrd to 0355 s/off with anthem (Wilkins-OO). On 9/29 and 9/30, many XV stns were hrd playing only classical mx in recognition of Betancourt's death, this both in AM and PM reception periods. Hrd on 4900 (Lineback-TX), 4840, 4940, 4990 (Bolland-FL).
- 4910 **HONDURAS** LV de la Mosquitia, Puerta Lempira, hrd 9/5 at 0236-0315, running beyond normal s/off w/long unannounced pieces of Marimba mx, open carrier and modulation breaks. Still going at 0315 tune out (Darling-UK).
- 4915 **GHANA** Acera, hrd at \*0530, afro pop mx, ID at 0600 and EG nx (Murff-NM), and with EG nx at 0600 on 9/18 (Reed). Hymns on 10/8 at 2239, vernacular comments to 2245 when EG ID and EG nx, fair (Pickard), "This is the Ghana B/C Corp." ID at 2240 on 9/15 (Bolland-FL), good sig on 9/7 with EG nx and ID at 2245 (Hesch), and nice Afro song after the 2245 nx on 10/5 (Stidwell), fair with nx at 2250, 9/6 (Overcamp). On 9/29, hymn after nx, prayer, MA to 2305\*, good sig (Bolland-FL), ditto 9/21 (Peck-NY), and with gal reading the nx at 2345, 10/6 (Sarkisian).
- 4915 **KENYA** Nairobi, 9/18, talking in African-type lang at 0550, mx, more talk, ID and IS of drums and flutes at 0600, EG nx but hard to understand due to noise and poor sig. (Earhart-PA). Maybe Ghana instead? (JB).
- 4920 **AUSTRALIA** ABC-Brisbane, Anglican church svc at 0830 on 10/4, wx and tides, ABC nx at 0900, fair (Connell-CA), classical mx to 1200 nx, 9/23 (Potorti), fair with ID and nx at 1300 (Manning, 9/29), and ID 1310 on 9/30, jazz mx prgm (Murff-NM).
- 4920 **ECUADOR** R. Quito, hrd on 9/12 at 0045 with Andean flute mx, also hrd at 0456\* (Wilden-ALA), good on 9/26 with ID at 0105, talk, ads, jingles, Andean mx (Alexander), EZ lstng mx at 0600 9/13, ID, 0610\* (Castrillon), and to 0526\* on 9/2 (Samuel).
- 4925 **CHINA** Heilongjiang PBS, Haerbin, mostly talk by M & W at 1110 on 9/26, possibly a drama prgm. Fair w/QRN. Parallels were 5950 (good) and 6150 (poor). (Reinstein-FL).
- 4925.6 **UNID.** SS stn hrd 0200-0401\* on 9/21, 0240-0317 on 9/29. On 21st, EG and SP pops, little talk, possible ID 0358, pulled plug in mid-sentence, maybe mentioned "musical" Also hrd w/fast LA vocals on 9/20. On 29th, no positive ID but possible mentions of Arauca. More typical LA mx than big city pop and rock. Some ads but no obvious ID. Sat night prgms are wild, local type mx. Generally poor and hard to read. (Lineback-TX).
- 4935 **PERU** R. Tropical, Tarapoto, flute mx at 1020 on 9/14, "El Condor Pasa," TC and ID, into local mx, fair-good (Klein-NJ), talk at 1035 on 9/11, ID, seemed right on fdy (Sherman-MN), and with ID at 1043, 9/4, local mx, man announc, good sig (Johnson).
- 4940 **IVORY COAST** Abidjan, FR nx at 2246 on 9/15, poor sig (Bolland-FL).
- 4940 **VENEZUELA** R. Yaraucy, San Felipe, \*0959 with ID by man, good sig, 10/2 (Sherman-MN), ballads and two anncrs at 1004 on 9/14, ID at 1022 (Hesch). LA mx, ads, ID, TC, 10/6 at 0125 (Castrillon), and local light instrumental mx 9/23 at 0233, male announc, few vocals, ID at 0242, good sig (Johnson), clas.mx at 0335 on 9/29 (Lineback-TX).
- 4945 **COLOMBIA** R. Colosal, Neiva, nx at 0355 on 9/4, "noticias de CARAOL" (Boone), 0524 with many clear IDs, references to CARAOL, usual LA mx, 9/22 (Johnson), ID and ads at 0540 9/19, more mx (Earhart-PA). OM announc 0717 on 9/22, singing ID at 0719, good (Hesch), up tempo mx at 0930 on 10/4, many IDs, ad for "Rhumba Cola" (Connell-CA).
- 4950 **CLANDESTINE** African opens at \*0352 with drum IS and mx, PT nx at 0358, mx to 0432, ID sounded like "Voz de Verdade", many mentions of Angola, probably from S. Africa, 9/20 (Behr-ONT). Re his report last month, Klein notes that what he hrd was a broadcast mentioning UNITA, but not necessarily a UNITA sponsored broadcast or stn. Still no definitive solution to this, but seems to me that we may be hearing two "clandestine prgms," Verdade at 0330 and "Voz da Resistencia" at 0430. Not sure just what the target audiences are. Some say xmtr site seems to be Mozambique, but I would tend to agree with Behr on S. Africa. But just guesses at this point (JB).
- 4950 **SARAWAK** Kuching, EZ lstng instrumentals 1145-1215 on 9/13, lady announc; ID at 1130 on 9/17, pips, EG nx, back into FE language, instrumentals (Lineback-TX). YL announc with EZ lstng mx at 1300-1310 on 9/29 (Murff-NM), world and local rx at 1400-1410 on 9/27, rock and roll to 1420, "Man And Health" 1420. ID 1415 (Connell-CA).
- 4950 **UNID.** I'm hearing something very weakly here in the afternoons from arnd 2030 fade in, seems to close 2100 but leaves carrier on. Mx, talk, extremely hard to read (JB).
- 4961 **VENEZUELA** R. Sucre, Cumaná, nx 0320 on 9/22, gongs between items, ID 0333, more nx, ballads from 0345 (Glikeman), nx 0345 on 9/2, anthem to 0400\*. Mentions Radio Rumbos during nx. (Boone). Part of a Rumbos net, and delays their nx (JB).
- 4965 **COLOMBIA** R. Santa Fe, Bogotá, SS mx prgm "Cuando Caliente El Sol" at 0445 on 9/2

- (Boone), accordion mx with OM armts 0530, 9/20 (Bauernhuber), mx 0535 on 9/19 (Earhart-PA), local mx with IDs and TCs after every song, 0624 on 9/13 (Castrillon). Also good at 0721 on 9/22 with songs (Hesch), and fair with SP mx on 9/14 at 2359 (Bolland-FL).
- 4965 NAMIBIA R. SWA, Windhoek, on 10/8 at 2219 with U.S. and Euro pop music, occasional brief armts. Santa Fe overtook them by 2330 (Florian). Fair on 9/29 at 2300 with EG ID, "This is the African Svc of R. SW Africa broadcasting on 3270, 4965 and FM," back into mx (Nikolich-IL). And with mx, much QRM at 2300 on 10/5, completely lost to LA by 2314, Stidwell marks it tentative. Most likely them (JB).
- 4970 VENEZUELA R. Rumbos, Caracas, ballads, armts, TCs, booming in on 10/6 at 0135 (Castrillon), live play-by-play soccer match at 0140 on 9/9 (Rigas-IL), SP mx 0350, TCs, 3-note chimes, 9/4 (Boone). ID 0422 on 9/20, chimes, ads, the usual (Earhart-PA), national anthem to 0458\* on 9/29 (Samuel), and also good on 9/21 opening mx at 0955 with list of network stns (Bolland-FL).
- 4972 FR. GUIANA Cayenne, 50's and 60's hits on 9/4 at 0020, man with ID and talk about the mx, //6170 (Cucura).
- 4975 BRAZIL R. Timbira, São Luiz, Brazilian mx at 1027 on 9/29, man with ID and talk under PSK open carrier. Covered by PSK at 1035 (Cucura).
- 4975 CHINA Fujian PBS, Fuzhou, EG language lesson on 9/23 at 1339, time pips, CC prgmg and IDs at 1400 (Potorti).
- 4980 VENEZUELA Ecos del Torbes, San Cristóbal, impassioned political speech at 0023 on 9/18, exc sig (Hesch), 0130 on 9/9 with rx, ID, TCs, commercials (Rigas-IL), light classical mx and ballads 9/23 at 0247, ID and TC after each number, some break-in IDs (Johnson), talking at 0325 on 9/20 (Saunders-NJ), pops at 0325 on 9/10, network stn list at 0339 (Wilkins-CO), classical mx 9/29 at 0337 (Lineback-TX), frequent IDs at 0420 and thereafter, 9/27 (Cobb-NE).
- 4990 NIGERIA Lagos, exc on 9/18 at 2104 with end of "Nix at Midnight" (?-JB), ID at 2105, national anthem and s/off (Hesch). Sure you don't mean 2304? (JB).
- 4990 SOUTH AFRICA R. RSA, mx at 0410 on 9/20, BE ID with Iqya by YL (Saunders-NJ), poor at 0425 with IS, 9/11 (Moman-ATA).
- 4996 PERU R. Andina, Lima, vy rustic mx at 0245 on 9/20, ID noted 0302, poor at best with WWV QRM (Leithner-TN), EE lstrg mx on 9/22 at 0425, ID and TC at 0430, WWV no problem on R-7 (Moman-ATA). In AM, poor with mx at 0943 on 9/16 (Bolland-FL), fair with pop style vocals at 1017 on 9/12, clear ID, other mentions of Andina (Nikolich-IL).
- 5004 EQ. GUINEA R. Equatorial, tent. this one at 0455, fast SP vocals, some African sounding, time pips at 0500, fair on 9/19 (Lineback-TX).
- 5005 SARAWAK Sibiu, tentatively at 1145 on 9/13, unid. lang. to 1215, weak (Lineback-TX).
- 5006 SURINAM R. Apintie hrd at 0430 on 10/3 with "Happy Station," phone-in request prgm, pops, poor to fair with WWV QRM (Eriscoe-IND). In Dutch at 0435, 9/19, hymn, calypso mx, ID, some EG, some SP vocals (Lineback-TX), EG and SP IDs at 0515 on 10/3, "Get on board your sunshine station, escucha emisora aqui, R. Apintie," strong sig with rock mx (Reinstein-FL). Hindi mx at 0845 on 9/19, good sig with ad for Caruso Corn Oil (Bolland-FL). Tent., light instrumentals on 9/24 at 0334, fair but no anncr in over 30 minutes (Johnson).
- 5010 CAMEROON R. Garoua, gal with African nx in EG at 0530 on 9/28, then cmtry about Nigerian relations with U.S. (Murff-NM).
- 5015 ASIATIC RSFSR Vladivostok, classical mx at 1145-1200 on 9/14 (Lineback-TX).
- 5020 COLOMBIA Ecos del Atrato, Quibdó, ballads at 0100 on 9/18, TCs, IDs, DJ patter (Moore-PA), ID at 0147 on 9/27 as "emisora sentimental," love songs, fair to poor with usual modulation problems (Lohdell while in NJ), and IDs, LA pops and ballads to s/off armt at 0358, fanfare, into NA to 0401\*, good on 9/28 (Johnson).
- 5020 NIGER Niamey, stringed mx at 0534, YL singing, some FR talking, poor on 9/8 (Peck-NY), fair at 0541 with chanting, 9/15 (Moore-PA).
- 5020 SOLOMON IS. Honiara, songs by children's choir at 0910 on 10/4, QRM from Vladivostok on 5015, fair (Connell-CA), and at 1102 on 9/30 with world nx, ID and request prgm (Cucura).
- 5027 BRAZIL R. Jornal de Transamazônica, Altamira, mostly long monologue by man at 0835 on 9/20, interspersed with light campesino tunes, 4 or 5 IDs by 0900 (Reinstein-FL).
- 5030 SARAWAK Kuching, western mx, lady anncr on 9/13 at 1145-1215, fair sig (Lineback-TX), and ID by man at 1148, 9/17 (Lineback). Also on 9/20, U.S. pop mx at 1430, EG titles, station ID at 1444, vy good (Connell-CA).
- 5030 VENEZUELA R. Continente, Caracas, mx, exc sig on 9/7 at 0255, no trouble IDing with 2 IDs on the hour (Hesch). Classical mx at 0340 on 9/29 (Lineback-TX), vy good on same date at 0416, ID, fqys, mention of QTH at 0455, national anthem to 0458\* (Johnson). Also on 9/20 with orchestra mx at 0436 (Earhart-PA).
- 5035 CENT. AFR. REP. Bangui, FR talk at 2207 on 10/5, ID by gal at 2228, lite mx, jazz, exc signal, sophisticated programming (Stidwell). And on 9/19 at 2248 with chants, male anncr, sign-off armt, anthem, to 2300\* (Glikeman).
- 5035 PERU R. Imagen, Tarapoto, closing at 0500\* with ID by gal, anthem, fair signal (Sherman-MN), and on 9/19 at 1040 with TCs, IDs, mentions of Tarapoto, local mx, but fair to weak (Klein-NJ).
- 5040 CHINA Fujian PBS, Fuzhou, armt by man at 1045 on 9/19, clear mention of "Foschow," into nice Chinese opera mx, very good (Klein-NJ).

- 5040 COLOMBIA R. Cinco, Villavicencio, nice ballads at 0452, Cinco and CARACOL IDs at 0500, 9/19 (Gliksmán). On 9/29, news and IDs at 0345, good sig (Lineback-TX).
- 5040 VENEZUELA R. Maturín, IDs and jingles at 0155 on 9/28, light ballads and pops, some EG, over Cinco (Gliksmán). Singing ID, SP vocals at 0315 on 9/28, fair (Lineback-TX), and at \*0945 on 10/2 with long anthem, ID, in the clear till 1000 (Sherman-MN).
- 5045 BOLIVIA R. Altiplano, La Paz, hrd 9/17 with ID amidst length talk, some "Andean" mx, different from Peruvian. Fairly strong carrier but undemodulated, and QRN. Tried for many times, but almost always off the air. My 15th Bolivian. (Sherman-MN). Hrd 9/12, poor, medium tempo tune, much talking, fluttery signal, definite ID at 1029 (Nikolich-IL).
- 5045 BRAZIL R. Cultura do Para, Helem, EZ lstrng mx at 0130 on 10/7, talks, ID, (Brissett), and on 9/17 at 0200 with local ballads, sambas, etc., ID 0300 (Bauernhuber).
- 5047 TOGO Lomé, IS and FF ID at 0527, deep voiced anchor, tough copy 9/11 (Moman-ATA).
- 5050 ECUADOR R. Jesús del Gran Poder, Quito, \*1025, vocal anthem on 9/19 (Klein-NJ), \*1027 9/24, pipe at 1030, anthem, ID, religious mx (Jordan), instrumentals 1105 on 9/5, few notes on xylo-type instrument between songs (Wilkins-OO), and with sermon at 0031 on 9/19, hymn, s/off with anthem at 0048\* (Moore-PA).
- 5050 PERU R. Esmeralda, Huanta, here in the AMS, hrd 10/12 already on at 0934 when hrd couple of positive IDs by gal, OA mx. Actually about a 1/2 kHz. below 5050 (JB).
- 5052 SINGAPORE R. Singapore, ads, pop mx, ID at 1320-1345 (reporter's name absent).
- 5055 BRAZIL R. Maua, São João de Meriti, EZ lstrng mx at 0100 on 10/8 (Brissett).
- 5055 COSTA RICA TIFC, sermon in EG 0255 on 9/9, stamp prgm, ID, poor (Manning), and EG talk about precious stones at 0355 (Boone).
- 5057 ALBANIA Gjirokastr, talk at 0308 on 9/8, folk mx, fair sig (Peck-NY), man talking and mx at 0410 on 9/26, also fair (Earhart-PA).
- 5095 COLOMBIA R. Sutatenza, Bogotá, classical mx at 0050 on 9/14, short talk, ID 0057, had to use narrow bandwidth to fight 5097 CW (Earhart-PA). ID 0235 (Boone).
- 5145 CHINA Peking, 1300, IS, s/on, talk by YL, quiet mx, fade out 1320, 9/22 (Wilkins-OO).
- 5170 CHINA Fujian Front Stn (PLA), talking over woodwinds, 9/26, 1530 (Connell-CA).
- 5451 W. IRIAN RRI-Biak, string of U.S. and U.K. pops at 1140, 9/24, talk by man, tough copy with heavy QRN and scratchy audio (Reinstein-FL).
- 5870 UNID. Hrd 9/19, 1400-1423, IS 1400, lengthy anthem 1402, YL in FE language at 1406, no ID hrd, repeated phrases to 1423\*. Lai Chau, Laos? (Connell-CA). Most recent DUDKS rpts Lai Chau on 4506 and 6910 to 1330\*, 5870 not mentioned but was active on this freq a year ago (JB).
- 5930 CZECHOSLOVAKIA Prague, IS 0030 10/2, news, cmtry in Czech-Slovak, //7345, 11990 (Rigas-IL).
- 5935 TIBET Xizang PBS, Lhasa, tent. hrd 9/18 and 9/19, CC talks at 2331, orchestra with flute solos, CC opera mx, fair, fluttery, lost to USSR co-channel, 0001 (Reinstein-FL).
- 5935 LATVIAN SSR R. Riga, 10/4, 2135-2159\*, Swedish, lots of choral mx, talks, piano solos 2157, RR annt, dead air, carrier on past 2215. Best sig ever (Reinstein-FL).
- 5945 AUSTRIA Vienna, German 2211 10/8, poor with choir mx, talks (Florian-IL), clas. mx 0129, mx, ID, nx 9/2 (Saunders-NJ), poor 9/24 in EG 0344, QRN, het (Earhart-PA).
- 5950 CHINA Heilongjiang PBS, Harbin, super oldies 1500 9/26, YL anncr, good (Connell-CA).
- 5950 GUYANA Georgetown, "Early Bird" show, EG, Hindi mx at 0832, IDs, ads, nx, IDs as "This is Guyana Regional Svc, GBS, channel 2" on 10/2 (Cucura), EG at 0924, nx, relig. prgm, 10/4, "You are lstrng to R. Guyana, the GBC in Guyana" (Bolland-FL).
- 5950 NICARAGUA LV de Nic, \*0004 with chime IS, ID, talk, het, 9/16 (Alexander), nx 0145 10/6 (Castrillor), political speeches 0322, ID 0333 (Johnson), more mx than nx at 0350, 9/21 (Byron-NY), nx pops, 0405 10/1 (Manning), talk, ID 0538 9/21 (Moman-ATA), mx, talk, ID, folk mx, 0540 on 9/4 (Samuel).
- 5955 COSTA RICA R. Casino, Puerto Limón, 1150 on 9/19, ID on hr, ID, fqys, fair (Bolland-FL).
- 5955 COLOMBIA LV de los Centauros, Villavicencio, LA mx 1023 10/2, ID, fqy (Cucura).
- 5960 CANADA RCI, exc as usual, 2200, 9/10 and 9/12 (Demmitt-PA), 0100 on 9/14 (Earhart-PA), 0400 on 9/20 (Wallace). All EG. Also 0300, 9/11 (Connell-CA).
- 5970 PERU R. El Sol, Lima, ID, TC 1020 on 9/19, "Sol on los Andes" prgm (Klein-NJ), and at 1055, 9/19, lots of talk, local mx, ID, lost in static (D'Angelo-PA).
- 5975 ENGLAND BBC, EG nx at 0623 on 9/19, //6175, 7150, 9510, 9640, 12095, 11860 etc. (Clift).
- 5980 SIERRA LEONE Freetown, ending variety show 2245, ID, into requests, EG (Hauser-TH), 0630 on 9/11, light mx, ads (incl. one for Temple Balm from Shanghai, China), nat'l. nx 0654, BBC nx 0701, funeral notices, etc. (Howard-CA), 0714-0730 9/4 (Bolland-FL).
- 5980 EL SALVADOR R. Naci. San Salvador, 9/20 at 0108-0130, nx to 0110, ID, exhortations, military band, bad WYFR QRN from 5985 after 0130. Similar to old Rdif. Nac'l. de Nic. before Somoza fell (Cunningham).
- 5980 SOUTH AFRICA R. RSA, EG nx and ID at 0408 on 9/18, fair (Moman-ATA).
- 5985 ARGENTINA R. Splendid, B.A., sports 2330 9/15 (Gliksmán). EZ lstrng mx 0710 9/19, quick ID, local nx (Klein-NJ), romantic mx 0940 9/25, rapidly fading (Moore-PA).
- 5995 MALI Tent. Bamako, Afr folk mx, talk in FR 2340 9/21, poor (Peck-NY).
- 5995 PERU R. Melodia, Arequipa hrd 10/14 at 0945 moving in on RA, slightly dominant by 1000 when two IDs hrd, into mush by 1005. Nct easily distinguishable most AMs (JB).
- 5995 USA VOA, sports nx in EG 0532, vy good, //7280. 9/19 (Clift).
- 5995 ASCENSION IS. BBC, "African Alternative," nx, features, 0520 9/19, //9600 (Clift).

- 6005 CANADA CFCX-Montreal, baseball 0015 9/16 (Rigas-IL), phone-in 0358 (Clift).
- 6010 E. GERMANY RRI, OG nx to 2238 9/28, ID, talk, slight het (Buer-FL).
- 6015 VATICAN SP world rx 0200 on 9/28, into religious prgm, better than EG (Murff-NM).
- 6022 PERU R. Victoria, Lima, Andean mx 1053 on 9/6, TC, IDs, "Radio Victoria, desde Lima, Peru" with Beethoven's 5th in the background (Wilkins-OO).
- 6025 BOLIVIA Tent. R. Illimani, La Paz, SP pop mx 2327 on 9/20, poor, hvy RN QRM (Peck-NY).
- 6025 W. GERMANY IW, 0500 9/19, nx and ID in AR, discussion, //7235 (Clift).
- 6029 ANTARCTICA Tent. R. Nacl. Arcangel San Gabriel, SP talk 0025 9/26, mentions of E.A., San Gabriel mentioned, to 0105. Hvy QRM, QRM and deep fades (Jordan).
- 6030 CANADA CFVP-Calgary, "Charlie West Show" 1217 9/23, IDs, mx, ads, fair (Potorti).
- 6035 AUSTRALIA RA, poor 10/8 with nx, ID at 2107 (Florian-IL), to 2212\* 9/27, end of local nx, s/off amt for this fgy, Brazilian co-channel QRM (Reinstein-FL). Interesting (JB).
- 6035 COSTA RICA H. Nacional, poor 0030 9/16, ads, IDs, pops (Rigas-IL), clear ID in bad rcpn 0051 9/12, hvy IW QRM 0056 (Cunningham), nx, IDs, play, 0157 9/9 (Glikman).
- 6045 AUSTRALIA ABC-Lyndhurst, nx 1312 9/28, ID, TC 1313, cmtry on economy (Hensley).
- 6045 BRAZIL R. Cl. Paranaense, Curitiba, good ID 2359 (Cunningham), rock 2331 (Glikman).
- 6050 NIGERIA FRCN-Ibadan, Afr mx 2245, pips 2300, ID, nx, 2309\*, 9/12 (Rigas-IL), and at 2201 with nx, ID, drums, cmtry, fair on 10/8 (Florian-IL).
- 6051.5 COLOMBIA R. Transamazonica, correct spelling of QTH is San Jose de Guaviare (not Guaviare per WTH) (Behr-ONT). Hrd early Sept. from 0100 with CARAOL prgmng, fair to vfy good (Darling-UK), TC 0155, ID 0200, HCJB QRM from 6050, 9/23 (Lazarus-LA).
- 6055 JAPAN NSB-Tokyo, talks 1020 9/25, het, //3925 (Potorti), sports to 1204 9/27 (Bolland-FL).
- 6060 CUBA Havana, SP mx 2200 9/12 (Rigas-IL), SP 0309 9/26, //9525, 15230 (Clift). FL.
- 6065 SWEDEN Stockholm, poor in EG at 0250, 9/21, better on 11705 (Clift).
- 6070 CANADA CFRX-Toronto, poor, fading badly at 1140 on 9/21 with nx (Leithner-TN).
- 6070 W. IRIAN RRI-Jajapura, tent. in Ind. 1159, SCI, nx, talk, 1220 fade 9/18 (Lazarus-LA).
- 6078 COSTA RICA R. Rumbo, Cartago, good at \*0956, full ID, vocals, anned 6075 (JB).
- 6080 CANADA CKWX-Vancouver, good 1750 9/21, soft mx, ads, lottery, etc. (Malin-WA).
- 6080 CANADA CBC HQS, fair at 2145 in talk abt man half-swallowed by snake (Florian-IL).
- 6085 COLOMBIA Ondas del Darien, Turbo, showing agn, hrd at \*1017 on 10/21, opening ID, into "Amanecer Campesino" prgm, IDs, ads, TCs, poor by 1045 (JB).
- 6085 W. GERMANY IW, in GM 2355, C & W mx, IS, ID, nx at 0000, 9/21 (Posporelis-NY).
- 6090 LUXEMBOURG Well hrd 0000-0200, EG/GM (Murff-NM, Hall-CA, Schoof, Kononchik-CT, Loh-AZ).
- 6095 POLAND Warsaw, C&W mx 0320 on 9/19, EG, ID, IS, into Polish (Clift).
- 6100 VENEZUELA YVTO time sigs after 0500, exc 9/19 (Leithner-TN), 1000 (Posporelis-NY).
- 6105 MEXICO "Su Pantera," Merida, strong at 0440 on 9/19 with panther Bolland-FL). grows "XEQM-XEMQ," IDs screamed by DJ, full ID with SW fgy at 0500, pops throughout (Leithner-TN). Big band mx 1142 9/23, "la musica de Yucatan," ads (Wilkins-OO).
- 6105 BOLIVIA R. Panamericana, La Paz, Andean mx 1029, bank ad, complete ID 1036, nice guitar mx, 9/25 (Moore-PA), flutes 1036 9/23, ID and fgy 1041, 6110 QRM when VOA carrier comes on at 1042 (Wilkins-OO). Also being hrd to sudden 0005\* (JB).
- 6115 COLOMBIA LV del Llano, Villavicencio, full ID and fgy 0500 (Moman-ATA), good with LA mx 0600 9/26 (Connell-CA), many IDs 0827 9/14 (Hesch), and 0954 9/24 (Hesch agn).
- 6119 VENEZUELA R. Angostura, Cd. Bolivar, nx 1018, "Rumbos" net. Chimes, het (Sherman-MN).
- 6120 ARGENTINA R. El Mundo, E.A., ID 1015, good, no YV hrd 9/17 (Sherman-MN).
- 6120 NI CARAGUA R. Zinica, Bluefields, strong 9/9 with EG "Revolution Now" prgm 0150-0200 (Darling-UK), same date, poor at 0100, pops, blues, nx, telephone talk (Clift). And 9/13 at 0330 w/mx, SP ID, exc (Lineback-TX). TCs, pops, ID 0407 on 9/13 (Wilkins-OO).
- 6130 ECUADOR HCJB, EG to South Pacific at 0940 on 9/21, ID, fgy, gospel mx (Posporelis-NY).
- 6135 BRAZIL R. Gaucha, Porto Alegre, ID 2350 9/25, "Ga-occ-cha" (Reinstein-FL).
- 6135 SWITZERLAND SRI, EG nx 0140-0200 9/27 (Murff-NM), poor, into FR 0215 9/26 (Clift).
- 6135 TAHITI Papeete, island mx 0735 9/20, pops, //s 15170, 11825, 9750 also gud (Alexander).
- 6140 PNG R. East Sepik, EG nx at 1023, a network nx prgm hrd on almost all the PNG stns on 9/8. Poor (Bolland-FL).
- 6140 SEYCHELLES FEBA, good in EG at 0143, s/off amt 0145, chimes, 0146\*, 9/26 (Howard-CA).
- 6150 CHILE R. Nacional, Santiago, Beatles 0150 9/28, nx, sports on hr (Murff-NM), 0400 9/15 good with some noise, nx (Grosvenor-CA). Manning rpts on 6155 0430 9/26.
- 6150 COLOMBIA LV del Huila, Neiva, 0730-0800 9/27 (Rigas-IL), 0905 ID 9/14 (Hesch).
- 6155 JAPAN FEM-Tokyo, Wolfman Jack w/oldies, 1113 9/23, PSA's, under het, //3910 (Potorti).
- 6155 SWAZILAND R. SR, fair \*0254, ID, EG pop mx prgm, 10/3, to 0338 (Howard-CA).
- 6170 COLOMBIA LV de la Selva, Florencia, ID 1008 9/17, vocals, TCs (Posporelis-NY).
- 6170 FR. GUIANA Cayenne, FR talk, various kinds of mx, 0005-0131 9/23 (D'Angelo-PA).
- 6175 PERU R. Tawantinsuyo, Andean mx 1020 on 9/25, vfy strong (Moore-PA).
- 6180 GUATEMALA LV de Guat, good at 1130 with TGW ID, marimba, 9/21 (Leithner-TN), and much talking about El Salvador at 1251 on 9/27, good sig, marimba in background (Bolland-FL).
- 6185 MEXICO R. Educacion, kids prgm 1211 9/23 (Wilkins-OO). S/on is 1000 or so (JB).
- 6185 PORTUGAL Lisbon, mx 0526 9/23, IG ID, nx (Moman-ATA), EG nx 0530 9/20 (Wallace).
- 6190 PERU R. Oriente, Yurimagayo, \*1056 NA, ID, strong over QRM 9/10 (Sherman-MN).
- 6195 PERU R. Cusco, local mx 0930, clear ID and TC (Klein-NJ), OA mx, occasional IDs, talking almost as fast as the Brazilians, 9/25 (Moore-PA). That's them, OK (JB).
- FINAL ITEM: My unid. Brazilian on 4955+ (see Oct LR) is R. Marajoara, Belen, apparently back on SW after long absence. Hrd 10/24, popping on 4956 at \*0853, mx to full ID at 0858, then morning show. So-so that day, but often pretty good. 73-Jerry Berg

# log report

section

6200-11699



PETER SCHIPELLTI

31 BEAVERBROOK ROAD BURLINGTON, MA. 01803 617 272-3142

- 6234 **EUROPIRATE:** This was the nights big mystery, never IDed. Poor signal at 0338, pops, the usual Euro pgmmng. At 0346 man in Irish accent said, "Its 16 minutes before 5 in the morning, huh, and thats about it from here," couldn't get rest. Pgm stopped @ 0347 but carrier stayed on and still there at 0500, but no pgmmng. Did not seem to be one of those that later turned up on another freq. (Berg 10/18)
- 6243 **IRELAND** So. Dublin R; 0529 EG, powerhouse, better than R. Dublin at its best. Pops, TC's, asked for 2 IRC's, anncd bc to NAM. listened till 0546 (Berg 10/18)
- 6250 **EQ. GUINEA** R. Malabo; 2150-2207\* SP, mixed bag of Afro pops & John Lennon tune. ID & sked by OM @ 2203, long NA by band & off. (Reinstein 9/27)(Chorossy 9/29)
- 6260 **CHINA** Qinghai PRS; 2302-2326 CH, CH Mx then "Red River Valley" in EG! Back to flute solos & banter by M&W. Lost to UTE @ 2326 (Reinstein 9/18)
- 6268 **EUROPIRATE** R. Capital; 0505-0528, two songs played many times, test counting, etc., I moved to 6243 but this still there at 0705 tune-by. (Berg 10/18)
- 6280T **EUROPIRATE** Westside Radio; 0616, picked up a bit after 0630. Much heavy rock. Could not ID but probably this one if they were on. Still there at 0700, but weak through-out. (Berg 10/18)
- 6550 **LEBANON** Voice of Lebanon; \*0407-0415 AR, opening w/ "River Kwai March" & NA to 0413; AR s/on by Y1 w/ piano Mx; Nx after 0415; fair (Buer 9/26)
- 6575 **NORTH KOREA** R. Pyongyang; 2138 EG, Korean political songs sung by male & female choruses w/ orch in EG by Y1 w/ ID. "You are tuned to R. Pyongyang" @ 2140. //9420. (Peck 9/20)
- 6910 **IRELAND** R. Dublin; 0540-0625 EG, Pop Mx, tlks by OM DJ. ID & TC at 0600. (Brissett 9/3)(D'Angelo 9/23)
- 6989 **CLANDESTINE** R. Cuba Libre; noted at 0306 opening pgm, still anncng that it is on Sunday & Thursday only at 9 pm local (contrary to BBCMS rpts); so I assume that during standard time it will switch to 0400-0430 GMT. freq is usually in 6989-6990 area, but see next item (Hauser 9/28)
- 6995 **CLANDESTINE** R. Cuba Libre; 0305, still anncng 6990 and found back in that area the following week. (Hauser 9/21)
- 7038 **CLANDESTINE** La Voz de Alpha 66; \*0100-0130\* SP, IS, anthem, ID by Y1 & OM, "Este es la voz de alpha 66" usual anti-Castro rhetoric. Lots of CW QRM. (Fisher 9/13)
- 7090 **CLANDESTINE** R. Libertad Cubana; 0435 SP, Surprisingly relaxed OM anncr. poor, occasional Mx. ARO QRM. (Robertson 9/8)
- 7110T **ETHIOPIA** VoRE; 0455 lang?, Ethiopian folk song w/ male chorus and singing & low pitched drums. QRM de Voice of Greece co-channel @ 0459. No ID heard so Tentative! (Peck 9/8)(Saunders 9/20)
- 7110T **MALI** RD Mali; 0705-0715 FR, Military March Mx, OM Tlks. Fair (Rigas 9/6) More?ps.
- 7120 **ALBANIA** R. Tirana; 0230-EG, Nx 5 yr plan. Cmtry. Mx & Tlk (Demmitt 9/12)
- 7150 **BULGARIA** R. Moscow Relay; 0100 EG, Nx, Cmtry on the one party system in the Soviet Union. (Connell 9/30)
- 7170 **NEW CALEDONIA** R. Noumea; 0830-0840 FR, Much Tlk by OM in FR, Good clear signal. (Stidwell 9/20)
- 7160 **SARAWAK** R. Malaysia; 1412 EG, Cmtry from Kuala Lumpur studio, Y1 ID, into pgm of EZL Mx. (Hall 9/18) Sorry this is out of order. Peter.
- 7175T **SICILY RAI** via Galtanissetta; 0525-0539 IT, light pops, male anncr, time beeps and Nx by OM anncr at 0530, more pops, very faint... (Gliksmen 10/1)
- 7210 **SENEGAL** R. Senegal; 0012-0101\* FR, Afro pops & rock Mx from all over Africa. Clear IDs by OM "Rdif Senegalaise", NA @ 0100 & gone. Good (Reinstein 10/4)
- 7215 **IVORY COAST** RTVI; 2214 FR, Tlk by OM, heard many mentions of Abidjan. QRM from ARO and Turkey. //4940 weaker but clear. (Florian 10/8)
- 7215 **TURKEY** Voice of Turkey; 2200-2209 EG, EG s/on w/ BC info & Pgm notes. Nx & Review of Turkish press. poor w/ much ARO QRM (Johnson 9/23)
- 7225 **TUNISIA** R. Tunis; 0440 AR, Very nice Tunisian Folk Mx w/ OM singing & chorus of men answering each stanza w/ drums. Tlk by Y1 in AR & 0447; ID at 0454 (Peck 9/8) (Saunders 9/5)
- 7255 **NIGERIA** Voice of Nigeria; 0505 EG, ID by OM, "...West African Service of Voice of Nigeria." Nigerian highlife Mx w/ guitars, OM singing, claves (Peck 9/8)(Murff 9/16) (Boone)
- 7260 **VANUATU** R. Vanuatu; 1000 FR, Broadway show Mxical, R. Aust. IS at 1025 w/ Vanuatu ID. Fair (Connell10/4)(Stidwell 9/11)

- 7265 GERMANY Sudwestfunk; 0631 GM, Mx, Tlk by YL, Tlk by OM w/ ID & Nx Pgm. QRM de BBC on 7260 KHz. (Saunders 9/20)
- 7270 POLAND R. Polonia; 2330-2355\* PL/EG, Cl Mx, ID, freqs. in PL & EG. s/off at 2355. (Woods 10/7)
- 7295 MALAYSIA R. Malaysia; 1200-1230 ML/EG, 1200-1215 Simon & Garfunkel tunes in EG; ancr in ML, 1215-1222 "Science Report" in EG. (Wilkins 9/6)
- 7320 ASFSR RM via Magadan; 0557-0625 RS, YL w/ tlks, choral singing, ID on the hour, piano & sax Mx selections. Alt. tlks by OM & YL @ 0613. RM IS & anncmts at 0615. (Jordan10/3)
- 7345 CZECHOSLOVAKIA R. Prague; 0100-0150 EG, Nx & Cmnty. pop Mx (Rigas 9/27)(Demmitt 9/12)(Connell 9/30)(Manning 9/23)
- 7355 CLANDESTINE La Voz del Cid; 0110-0130\* SP, Nx, ID as "Esta es La Voz del CID, Cuba Independiente y democratica," Cmnty (Rigas 9/28) anncng 7350 but measured here on 7355.4 KHz. Strangely enough, on this date while CID was on 7355.4, I was hearing the latest permutation of Habana's PTP melody marker on 7350 (Hauser 9/16)
- 8566T CHINA CPBS; 2250 Mongolian; Tlk by OM & YL in Mongolian; bits of CH folk Mx heard through severe ute QRM & rapid polar flutter. No IDs so very Tentative. (Peck 9/20)
- 9064T CHINA CPBS; 2153 CH, Tlk by OM in CH, then by YL; time pips & ID in CH by YL, "Zhong-yang ren-min yuang-bo dian-tai." //11330 Severan het. (Peck 9/29)
- 9365 CHINA R. Peking; AR at 2205, Tlk by OM, Garbled echo-ey sound suggest multi-path Distortion; ID in AR by YL, "Huna Peking"; Uighur? flute Mx (Peck 9/29)
- 9475 EGYPT R. Cairo; 0250-0315 EG, Cl Mx & recitations from QU'ran in memory of assassinated President Anwar Sadat; Tragic!! (Buer 10/7)(Posporelis 9/21)(Updegraff 9/16) (Kononchik 9/14)(Byron 9/16)(Wallace 9/5)
- 9495 MONACO Trans World Radio; 0700 EG, "Back to the Bible" pgm (Sarkisian 10/4)(Samuel 9/19)(Williams 9/13)(Hall 9/19);0425 Armenian (Peck 9/8)
- 9505 JAPAN NHK; \*1400-1500\* EG, IS, ID, Nx headlines. Cmnty on US/Jap relations. (Hoffmann 9/15)(Manning 9/8); \*0800 EG (Alexander 9/20);1759 EG (Malin 9/21)
- 9510 CANADA BBC Relay; 1215 EG, Anything goes. Glenn Miller's records. (Demmitt 9/12)
- 9515 MALTA ICR over R. Mediterran; 2041-2215\* EG, EG Bible study & Gospel Mx. (Lobdell 9/29)(Choroszy 9/25)(Bonnet 10/6)
- 9520 PERU Radio La Cronica; 1100-1110 SP, ID by OM w/ Mx; local Mx w/ anncmts; TCs for GMT -5. Fair w/ QSB; slightly distorted. (Buer 9/8)
- 9535 SWITZERLAND SRI; 2130-2158 EG, local & Int'l nx (DuBois 9/27)
- 9545 SOLOMON ISLANDS SIRC; 0729 EG, Pleased to hear SIRC doing well against DW co-channel; at 0729 they went thru their sign off routine, with GMT + 11 time checks, but then characteristically remained on the air with National Nx in EG at 0730, and still on at 0743. (Hauser 9/29)(Arzt 10/4)(Hesch 9/16)(Stidwell 9/11)
- 9553 EL SALVADOR R. Nacional; 0310 SP, "musica popular en el Salvador" ID at 0330, EZL Mx, Junta Pres. speech. (Sellers 9/25)(Darling 9/12)
- 9570 SOUTH KOREA R. Korea; 1230 EG, Nx & Cmnty on Life in Korea, Mx (Wallace 9/22)
- 9578 PHILIPPINES R. Philippines; 0915-0940 EG, Nx & Sat action show, Mx (Manning 9/12) (Murrif 9/9)
- 9580 ASIATIC SSR R. Moscow-Belgoveschensk; 1215-1225 EG, world service pgms behind R. Australia. Poor (Buer 9/22)
- 9585 HUNGARY R. Budapest; 0100 EG, Economic ties w/ Kuwait (Wallace 9/16)
- 9589 NEPAL R. Nepal; \*1147-1157 usual IS, ID as "Yo Nepal" by YL anncr. inst. folk Mx, list of freqs; tlk by OM until lost in local noise. poor (Lobdell 9/29)(Buer 9/23)
- 9590 NORWAY R. Norway; 0200-0215 EG, Nx to 0211 then piano Mx (Wildes 9/15)
- 9590 CANADA BBC Relay; 2315 EG, One in Ten; Advantages of the Sony ICF-2001 for the handicapped. Did an on the air demonstration. (Demmitt 9/9)
- 9620NF EAST GERMANY R. Berlin Int'l; \*2228-2235 GM, IS, ID, Poor behind Yugo FR. (Buer 9/28)
- 9635 GREECE Voice of Greece; 2130-2150\* GK, ID, Sports Nx, GK Mx, //9525, 9655 (Rigas 9/28)
- 9640 AUSTRALIA R. Australia; 1055-1108 EG, IS @ 1055, ID in EG w/ Mx & promo for "Jazz Australia." s/on again at 1059 w/ yl in Indonesian (Potorti 9/23)
- 9690 ROMANIA R. Bucharest; 2100 EG, Nx by OM abt leader of Kuwait visiting Romania. Foreign minister of Morocco visits Romania. (Fisher 9/13)
- 9695 SWEDEN R. Sweden; 0230 EG, Interview w/ head of Swedish Labor union. (Hitsman 9/17) 2300 EG (Rigas 9/10)
- 9700 BULGARIA R. Sofia; 0042 EG, Chamber Mx pgm (Tedford 9/29)(Reid 9/7)
- 9703.2 TESTING ? \*0304-0415\* open carrier \*0304-0307; abrupt start of modulation 0307, non-stop country & western songs in ENG 0307-0348; vern. songs to 0415+ w/ still no anmts; fair w/ adj QRM; heard previous night w/ non stop vern songs. sounds like testing. (Buer 10/3)
- 9730 GERMANY R. Berlin INT'l; 0030-0045 EG, pop Mx IDs, IS. (Kononchik 9/21)(Sellers 9/29)
- 9745 IRAQ R. Baghdad; 2131-2142 EG, Bird IS, at 2131, s/on, IDs, Mx, Nx, (Ihnat 9/20)(Stidwell 9/20)(Fitzpatrick 9/20)(Kononchik 9/20) (Buer 9/29)
- 9780 YEMEN R. Sana; \*0256 AR, OC to 0300; NA followed by QU'ran; very low audio. (Buer 9/29)
- 9815 ISRAEL Kol Yisrael; 0022 EG, "DK Corner" reading & answering letters. pop Mx. ID. into HB at 0030 (Kononchik 9/21)(Demmitt 9/12)(Potorti 9/23)
- 9840 KUWAIT R. Kuwait; 1855 AR, AR Mx, AR Vocals, ID by OM @ 1900, Nx. (Posporelis 9/19) (DuBois 10/7)
- 9977 NORTH KOREA R. Pyongyang; 1100 EG, Nx, Pgm on Industrial & Agricultural development in North Korea. (Mayer 9/12) + 5 others.

- 10000 CUBA R. Moscow; 0145 EG, Trx to tip from Mitch Sams & Ralf Munster, RM NAM svc found here w/ very strong signal 9/29 only. within 50 Hz of WWV obliterating it all evening. This had satellite delay compared to USSR frequencies and characteristic audio clipping, and it was missing from 9600 clearing BBC Ascension for once. (Hauser 9/29)
- 10040 VIETNAM Voice of Vietnam; OM & YI reading Nx, Cmtry & oriental Mx (Kononchik 9/20)
- 10080 VIETNAM Voice of Vietnam; 1110 EG, mailbag pgm. /above logging heard at 2030/ (Reinstein 9/27)(Stidwell 10/5)
- 11330T CHINA CPBS; 2300 CH, CH folk Mx, tlks, orch Mx (Peck 9/20)(Jordan 9/24)
- 11500 CHINA R. Peking; 2053 EG, "Lion Dance" type CH Folk Mx, OM w/ mentions of freqs. orchestral IS, seems to be a new IS (Peck 9/20)
- 11600 CHINA R. Peking; 1350 EG, Nx, Mx & Tlk on traveling. (Wallace 9/8)
- 11620 INDIA AIR; 2104 EG, Nx, 4 dead & 20 injured by a bomb blast. ID (Peck 9/20)(Florian 10/8)(Tedford 9/20)
- 11637 ISRAEL Kol Yisrael; 0205 EG, Pgm abt Begin's visit to US, & sale of AWACS. (Boone 9/12)(Demmitt 9/13)(Updegraff 9/20)(Bonnett 9/25);(Hensley 10/1)(Johnson 9/9)
- 11665 KUWAIT; 0148 AR, Korantic chants, prayer recital (Malin 9/6); 2051 EG (Florian 10/8)
- 11695 BELGIUM BRT; 0015 EG, Nx, Cmtry on the Fishing Industry, African Nx, Mx (Wallace 9/11)(Demmitt 9/13)(Cobb 9/29)(Earhart 9/24)(Manning 9/23)(Byron 9/19)

I hope everyone has a great Thanksgiving and plenty of time off to do the things you enjoy the most! Best of 73's Peter WB1GEX *Peter*

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FOR SALE: Eico 435D wideband oscilloscope with operating manual and low capacity, demodulator, and direct probes. Price \$200. Eico 222 VTVM with instruction manual and uni-probe, RF, and high voltage probes. Price \$100. Eico 324 RF signal generator with instruction manual and RF and AF probes. Price \$100. All units are approximately five years old and in good working order. Prices are negotiable and all shipping charges including insurance are the responsibility of the buyer. WANTED: Drake 5-NB noise blander and FS-4 frequency synthesizer for a Drake SPR-4. Jim Thornton, 935 Sunset Avenue, Venice, CA 90291.

FOR SALE: Grundig Satellite 2400. Six SW bands, LW, AM/FM, FM Stereo with six pre-set for FM. Digital readout. Price \$450, I'll pay shipping. Robert Overmyer, 3673 Pearl, Monroe, MI 48161. (313) 289-4293, not collect.

FOR SALE: Heathkit CB-1 CB radio with power cord, crystal. No mike, otherwise in good condition. Price \$20 plus UPS. WANTED: Lafayette HA-800A, Ameco R-SA (Aerotron) receivers. Tom Mooningham, P.O. Box 8512, Camp Lejune, NC 28542.

FOR SALE: FRG-7000, 14 months old, Radio West modified. DC modification. Excellent condition. Must sell as I am leaving for Honduras in December. Price \$300 including shipping. Don Moore, Box 157, RD #5, Bellefonte, PA 16823. (814) 383-4844, not collect, from 2300 to 0300 GMT.

WANTED: I am searching for plans for a good MW Loop Antenna, either with or without an amplifier. I prefer the San Serino type. I hope to be able to receiver US MW stations in Sardinia this winter. William J. Meers, US Navy Support Office, La Maddalena, Sardinia, PPO New York 09533.

FOR SALE OR TRADE: Drake SPR-4 receiver complete with noise blander and calibrator. All crystals installed are :stock: crystals. I will sell for \$275 or trade for a Kenwood R-1000. WANTED: I want to buy the following general coverage receivers: (1) Hammarlund HQ-180AX and HQ-160. (2) Collins 51J3 and 51J4. (3) Yaesu FR-101 or 101D. (4) National HRO-500 or 600. Dave McLaren, Route 2, County Line Road, Rock Falls, IL. (815) 626-5443 after 4:00 p.m. CDST.

FOR SALE: DX-160 with speaker in excellent condition, only 18 months old. \$110. Also Midland 11-500 SW receiver in excellent condition. \$45. MFJ 304 SW Converter for car radio in new condition and original box. \$35. Will ship free. Mel Ragucci, 215 Tiki Drive, Merritt Island, FL 32952. (305) 452-2502, not collect.

WANTED: Comments, complaints, and opinions on the Radio Shack TRS-80 Computers. I'm most interested in the Model III. Would like to get replies from DXers who do own a computer. Please write to Rob Harrington, P.O. Box 3434, Littleton, CO 80161.

# log report section

11700 TO 17699



STEVEN WISEBLOOD

- 11700 DOMINICAN REPUBLIC R. Clarin: 2150-0135 ID's in SP every 5-minutes, Lam pop mx, ID in EG @ 2305 (8 reporters). 0100-0124\* LV del CID w/SP tlk on solidarity & strike Not //7352 which had SP tlk on Cuba/Communism. S/off R. Clarin tape (Hall-CA 9/23).
- 11705 FRANCE RFI: 0510-0533 FR "Journal", FR & US pop mx. F-XInt(Wiegmann, Clift).
- 11705 SWEDEN RS: \*0230-0300\* ID, EG "Panorama" nx, "Mailbag" pgm(Fitzpatrick, Kononchik).
- 11710 UKRAINIAN SSR Kiev: 1350-1400 AR tlk & ME mx, R. Moscow IS @ 1400 (Buer-FL 9/19).
- 11715 SWITZERLAND SRI: 0145-0207 "Dateline" nx EG cmntry(Johnson 10/6, Tedford-MI).
- 11720 CANADA CBC-NS: 1505-1518 EG "Anybody Home" pgm, "True Fact nx"(Hoffmann 9/12).
- 11725 SOUTH KOREA FK: 1000-1030 ID, EG nx, cmntry. pgm on Korean calendar (Mayer 9/12).
- 11730 GREECE RGT: 0130-0143 EG nx, Grecian mx. F(Spiczka, Wallace, Samuel).
- 11730 FRANCE RFI: 0410 FR amnts, pop mx, Fair w/JRM/QSB (Wiegmann 9/25).
- 11730 USSR UNID xmnt: 1311 EG political/revolutionary tlk, R. Peace & Progress to Asia, Commentary on Egypt supplying arms to Afghan. F(Wiegmann 9/25). Chita-xmnt? maybe-UKRAINIAN SSR Vinnitsa: R. Kiev 2330-2355 EG World nx & features "What is Communism (Hitsman-IA, DuBois 9/24). 0533 RMWS w/GlscI mx centering on Faust. First rate pgm w/Toscanini w/N.Y., Munch w/Philadelphia & a British pianist. VG (Munster-GA 9/17).
- 11735 BULGARIA R. Sofia: 0411 EG nx, cmntry, folk mx. P w/JRM, QSB (Wiegmann 9/25).
- 11750 BULGARIA R. Sofia: 2158 EG variety type pgm, ID, Moscow-QRM @ 2200. G (DM 9/12).
- 11755 NETHERLAND ANTILLES-TWR: 0105-0134\* EG religious tlk. F(Spiczka-M 9/22). \*0150-0205 IS played on various instruments, ID, EG "R. Today" from 0200 (Buer-FL 9/30).
- 11755 GABON Afr #1: 2005-2200 Afro pop mx, FR amnts & ID, Gabonese folk mx w/balafons, Kors mx w/M vocalist, some EG pop/soul mx "Blues Bros."(Cobb-ME, Peck-NY, Rigas-IL).
- 11770 NIGERIA Vol: 2026-2046 ID, fgy amnts, TC, EG nx. Fair-Good (D'Angelo 9/19). 0601-0730 Musical Instruments: from Nigeria, featuring the Kuku (Waterpot), EG nx of Africa 0650-0654, ID @ 0700, EG Stand-up comedian telling jokes (4 reporters).
- 11780 BRASIL RR do Brasil: 0000-0037 Brazilian mx, PT fags. Futbol game(Erhart, Connell).
- 11785 UZBEK SSR R. Tashkent: 1200-1212 ID, EG nx & cmntry. ID by M @ 1210. Orchestral Classical mx., //15460. Fair (Peck-NY 9/29, Manning 9/29).
- 11789 INDONESIA Vol: 1400-1453 ID, fags, W w/nx in EG @ 1410, cmntry by M, lcl vocal mx, "Mailbag" pgm w/Anna, asking for reports(Shaw, Samuel, Connell, Arzt, Stidwell). Tnx!
- 11793 COLOMBIA Rdf Nacional de Colombia: 1150-1202 Slow EG lesson on U.S. School System, time chimes & ID in SP @ 1200. Unusual programming from a SAM stn! (Stidwell 10/5).
- 11800 ITALY Rai: 0100-0130 VG nx, popular IT nx (Samuel 9/17, Hitsman-IA 9/17).
- 11800 SOUTH AFRICA R. RSA: \*0200-0257\* EG World mx, "DX Corner", //9580, 15355, Very Good, This fgy was ex-11900 (Reid-ON 10/2, Munster-GA 10/6, Zilmer-WI 10/4).
- 11800 SRI LANKA SLBC: 1630 Exotic Sub-Continental mx. Hindi amnts. F (Robertson-OO 9/24).
- 11805 BRASIL F. Globo: 2300-2315 PT futbol game w/lively snrc. P u/oscu (Rigas-IL).
- 11810 INDIA AIR: 1335-1400 EG nx & cmntry on Food Production. Hindi mx(Manning, Wallace).
- 11815 LIBYA is here all day, 1800-0300 in AR, not Morocco Cf. Oct. LR-D(Behr-ON).
- 11820 AUSTRALIA RA: 1148-1158 EG tlk by M of building islands off the reef (Erhart-PA).
- 11825 TAHITI Papeete: 0509-0730\* Island vocals, M w/amnts in FR. VG (6 reporters).
- 11830 LIBERIA ELWA: 0710-0753 EG religious pgm "Encounter", ID. P-F (Arzt-TX 10/4).
- 11835 SRI LANKA SLBC: 1120-1130 ID by M in EG, EG gospel pgm w/hymns (Nikolich-IL 9/10).
- 11840 GUAM RTWR: 0817 EG religious pgm asking for prayers & donations, ID (Nikolich 9/12)
- 11840 SPAIN SFR: 1900 nx by M&W in EG, Spanish mx. Extreme QRM & Poor sig. (Kononchik).
- 11845 VATICAN STATE VR: \*0100-0114\* EG Religious nx, Pope's speech(Samuel, Spiczka-MN).
- 11845 NETHERLANDS ANTILLES-TWR: \*2200-2221 Test transmission. IS & ID's(Zilmer, Manning).
- 11856 SAUDI ARABIA BSKSA: 1755-2026 Non-stop Euro pop mx, ID by W, TC, gong, fanfare, W w/nx in EG @ 1830, "Melody Time" pgm, VG (D'Angelo-PA 9/19, Johnson 9/21).
- 0335-0344\* M&W in lang., ID & S/off amnts in EG @ 0344. Good (Erhart-PA 9/30).
- 11865 BRASIL R. Clube de Pernambuco: 0830 tlk by M in PT, sds, Bras. mx. G.(Alexander).
- 11870 NORWAY RN: \*0000-0030\* ID, W w/nx in EG, cmntry by M. (Fitzpatrick-MA, Bauernhuber).
- 11877\* BRASIL R. Soc da Bahia: 2345 Bras. mx, PT ID. Back since July, not daily (Behr 9/25)
- 11880 SPAIN SFR: 2357-0130 EG program notes, "Panorama", Press review, Tourist Guide, EG nx, sports, Flamenco mx, new album out in Spain by Charol! (6 reporters).
- 11890 PHILIPPINES FEBC: 0943 EG religious tlk by M, hymns, ID. Good (Hesch 9/4).
- 11890 EAST GERMANY RBI: 0300 EG cmntry by M&W on recent medical advances (Boone 9/6).
- 11900 EUROPEAN RFSFR Armavir-RM: 0100-0115 SP nx by M&W, cmntry (Reed 9/20).
- 11910 SWAZILAND TWR: 0457-0502 bells IS, EG ID, into lang. @ 0500. Fair(Reinstein 10/2).
- 11920 IVORY COAST RTVI: 2225 Afro chorus & folk mx, //4940. Moscow QRM (Peck-NY 9/21).
- 11925 PORTUGAL RP: 0300-0330 EG nx, "Listeners Mailbag", cmntry, ID (4 reporters).
- 11930 LIBERIA ELWA: 0700 AR sermon, several ID's & references to station(Byron-NY 9/19).
- 11940 ASIATIC RFSFR Blagoveshchensk-RMWS: 1210-1255 CH tlk by W, cmntry, 15(Jordan 10/1).

11940 ROMANIA R. Bucharest: 2020-2027 "DX News", stn address for QSL's, S/off(Bolland-FL)  
 0228 EG cmntry about dairies, EG mx pgm(Boone-TX). 0400 EG mx/cmtry(Wallace,Williams)

11945 NEW ZEALAND RNZ: 1117-1121 MoR EG pop mx, Big-Band mx (Sellers 9/24, Bonnet-IN 10/2)

11965 SAUDI ARABIA BSKSA: 2015 AR discourse by M, Bend marching mx. G (Bolland-FL 9/16)

11975 EAST GERMANY RFI: 0125-0145\* EG sports show, cmntry on solidarity(Williams, Arzt-TX)

11990 CZECHOSLOVAKIA R. Prague: 0100 EG mx, "Topic of the Day", DX pgm. F (5 reporters)

12000 EGYPT R. Cairo: 0142-0150 W in lang., ME string/instr. mx. (Malin 9/1)

12005 BYELORUSSIAN SSR Minsk: 0425-0430 tlk by M/W in RS (Malin 9/5). Moscow 4S pgm-ed

12015 AUSTRIA ORF: 0230-0234 GM tlk by M/W. G(Malin). 0400-0430 GM nx(DM) 0430-0457 EG nx,  
 pgm on Austrian customs, tours of Vienna, Cultural info., G (4 reporters)

12030 ASIATIC RSFSR Petropavlovsk-RMMS: 0415 //12050, EG nx & cmntry. F (Wiegmann 9/26).

12050 ASIATIC RSFSR Petropavlovsk-RMMS: 0415 EG cmntry & ID(Wiegmann). 1210-1302 rapid tlk  
 by M in Asian lang, 7-note IS @ 1210 & 1220, into RS at 1230 w/nx by M(Jordan 9/22).

12060 UKRAINIAN SSR Simferopol: 2200 R. Vilnius IS, ID, EG nx, Mailbag(Spiczka,Williams,  
 Wallace). 2300-2330 R. Vilnius EG cmntry, ID, "This is Our Life"(Sellers). 2330-  
 2358\* R. Kiev EG cmntry on Zionism, EG nx, DX Club. G (Johnson, Spiczka-MI).

12070 ASIATIC RSFSR Nikolayevsk: 0702-0720 RS tlk by M/W, orchestral mx. P(Jordan 9/27).

12070 MONGOLIA RUB: #1220-1250\* IS, ID, NA, EG S/on smnts by W, M/W/nx, cmntry(7 reporters)

12075 KIRGHIZ SSR Frunze-RMMS: 2300-2330 EG nx, Moscow Mailbag. F(Rigas-IL 9/13).

12095 UK BBC-London: 1310-1320 EG nx, SSB Ute QRM. Weak sig. (Braud 9/24).

12110 CHINA Peking: 2055-2102 FR tlk by W, ID. F w/flutter(Buer-FL). 1320-1355 CH mx,  
 S/cft for 5-minutes, back on @ 1400 (Braud 9/24).

12290 AUSTRALIA RA-feeder: 2258 "El Condor Pasa", smnt in Indonesian, IS. into Indo nx @  
 2300, but gone within the hour (Hauser-TN).

13690 WEST GERMANY RFE: Friday only EG cmntry having seasonal problems with MUF. jamming  
 on usual inband fqs, but found here @ 2050, on ISB (SSB), with Romanian on the  
 other sideband (Hauser-TN 9/11). Sidebands are seppable for DXers who have a  
 USB/LSB function switch on their receivers-ed

14433h GABON Afr #1: 2110 Gabonese folk/orchestral mx, M in FR //11755. Fair (Peck-NY 9/24)

14626 CUBA RHC: Looking for R. Confusion test on 14610 (which didn't occur due to xmtr  
 problems) on 9/28, found instead weak FR tlk here, anti-Duvalier tlk abt Haiti @  
 0220; better on inside antenna than outside, no //s found and really thought this  
 was a new clandestine--but at 0227 RHC ID, which proved to be //6060 (heard on all  
 my receivers). W/BFO could here mix w/RTTY, which may explain this weird spur from  
 co-sited broadcast and PTP operations (Hauser-TN).

15000 CHINA BPM: 1159-1212 CW & voice smnts by W. Fair (Bolland-FL 9/12).

15010 VIETNAM VoV: 1850-1900 lcl mx w/harp, strings & flute. W w/ID in FR @ 1900 (Peck).  
 2030-2102 EG nx, ID, cmntry, fqs, health care in Vietnam(h rpters).

15045 GRENADA PFE: 2155-0005\* ID @ 2200, "Nice 'n easy" EZL mx, ads, road repairs, EG nx  
 from the "Tonight" team, PSA's, letters, sports scores, cmntry (11 reporters).

15060 SAUDI ARABIA BSKSA: 2103-2205 AR tlk by M, ME mx, discourse by M/W(Saunders, Samuel).

15070 UK BBC-London: 21:20-2130 preview of programs. Good (Manning 9/10). (Overcamp./

15077 AFGHANISTAN RA: #1900-1920 ID, EG mx & cmntry by M. Poor modulation(Robertson./

15084 IRAN VoIR: 2300-2330 Farsi discourse w/mentions of U.S., Xlnt (DuBois 9/29).

15105 MALTA DW: 0110-0150 EG "European nx", tlk by M abt Goats (Bauernhuber,Hitsman-IA)

15105 MOROCCO RTVM: #2000 AR nx & ME mx, //17710,15335,& @ 2100 //17705,15335 (Zilmer,Behr

15110 BULGARIA Sofia: 0015-0030 EG nx, cmntry, "Life in Bulgaria" (Wildes-AL, Zilmer-WI).

15115 AUSTRALIA RA: #0630-1030\* w/73 degrees to Pac., "Concert Hall", into pop mx pgm,  
 EG World & Pacific nx, Australian nx @ 0830. Exc. (Munster-GA, Kononchik,Wimmers+2)

15120 CHINA RP: 0000-0055\* IS+ID, EG mx, cmntry & dramatic reading. F-G(Zilmer-WI). 0408  
 EG nx abt Russia (espionage activities, Weinberger on disarmaments). G (Munster-GA).

15120 NIGERIA VoN: 0640 EG cmntry on internal education matters, ID. Poor modulation(DM.)

15120 POLAND R. Polonia: 0158 Polish pop tune, ID by M @ 0159 in Polish, into EG tlk @  
 0200 w/tlk by W on solidarity. G (Peck-NY). 0300 EG nx, cmntry (Tedford,Manning).

15125 TURKEY VoT: 1330-1357 EG S/on smnts, nx, review of the press, cmntry (Manning 9/23)

15130 ASIATIC RSFSR RFP&P-Vladivostok: 1330 EG "Spotlight on Religion" (Schoof 9/13).

15135 NORWAY RN: 2200 EG nx, "Norway this week", //1795,15175. G (Zilmer-WI 9/20).

15140 AUSTRALIA RA: 2228-2245 IS , ID in EG, into Vietnamese. QRM (Reed 9/20).

15140 CHILE RN: 0130-0258 US pop tunes, MoR mx, ID @ 0300 by M in SP(Connell-CA, Peck-NY)

15150 WEST GERMANY DW: 1913-2020\*EG cmntry on Namibia, nx of Zambia (Sellers, Tedford-MI)

15160 AUSTRALIA RA: EG Wld nx, into Aus. nx, not //15240. (Munster-GA 9/27). 10kW @ h2deg.

15160 BULGARIA Sofia: GM nx of Eur., cmntry by M/W, IS, mixing w/Aussie. (Munster-GA).

15160 PORTUGAL DW-Sines relay: 1830-1845 Czech nx, ID, cmntry on nuclear weapons(Rigas).

15165 CHINA RP: 2302-2315 CH nx, cmntry, discourse (Reed 9/20).

15165 DENMARK RD: 1800-1811 DN tlk, ID in EG/DN. P-F(Manning). 2259 EG ID, DN tlk(Reed).

15170 PORTUGAL FFE: 2115-2125 Czech/Slovak tlk on human rights. G/jammed (Rigas-IL 9/21)

15170 TAHITI Papete: 0534-0600 Island mx, M ancr in TT. //11825, pop mx(Manning,Boone).

15170 LEBANON RI: 0250-0300 US pop mx, ID in EG, into SP @ 0300. QRM (Fitzpatrick-WA).

15175 BELGIUM BR: 0015-0050 EG "Brussels Calling", letters, Clscl mx, smnts of fgy  
 changes, nx for Africa @ 0046, Afro mx, ID's, //11695 (5 reporters).

15175 NORWAY RN: 2135-2200 nx by M in NO, //15135,17795. F(DM).2200 EG mx, "Norway This  
 Week", results of National elections, "News & Views". G (Zilmer-WI, Warner 9/20).

15185 PORTUGAL R. Japan-Sines-relay: 2200-2215, EG nx & cmntry, ID(Fitzpatrick,Peck-NY).  
 15190 CONGO LV de la Revolution: 2255-2302\* FR nx. ID, fqys, NA. Xlnt (Lineback 9/10).  
 15195 JAPAN RJ-Tokyo: 2320-2345 EG to 2330, then JP nx & cmntry. JRM (Peed 9/20).  
 15205 SRI LANKA VOA-relay: 1605-1610 EG "Asian Svce", slow EG nx (Hall-GA 10/8).  
 15220 MADAGASCAR RN-relay: 1835 EG "Newslines", "Media Network" @ 1849 (Sellers 9/24).  
 15220 HUNGARY RT. Budapest: 0220-0230\* IS, ID, EG nx & cmntry (Fitzpatrick-MA 9/17).  
 15225 TUNISIA RTVT: 0448-0531 Q'ursnic chanting, ID by M, AR nx by W @ 0531 (Choroszy).  
 15225n PORTUGAL RP: 1800 noted here on a new fqy for EG pgm (Hauser-TN 9/26).  
 15235 JAPAN RJ-Tokyo: \*0457 IS, ID, EG nx by M. G w/Flutter (Munster-GA 9/26).  
 15235 NETHERLANDS ANTILLES TWR-Bonaire: 2230-2235 test xmsn in EG/SP/GM. G (Manning 10/2  
 15240 AUSTRALIA RA: 0608 rugby? sportscast, still going @ 0640, not //15160 (Munster-GA)  
 15240 SWEDEN RS: 2100 IS, ID, EG nx, "Sweden Calling DXers", //15320. Fair (Zilmer 9/22  
 15265 FINLAND RF: 1840 ID's, EG smnts, extreme QRM from RMWS. VF (Kononchik-CT 9/8).  
 15270 CYPRUS BBC: 1130-1137 ID, "Simple EG\*3" language pgm. VG (D'Angelo 9/19).  
 15285 QATAR QBS: 1905 AR t1k by M, apparent ID, ME string/flute mx. P-F (Peck-NY 9/20).  
 15290 BRASIL R. Nac: 0200-0305\* EG nx, wx, cmntry, ID, Bras. pop mx (Hitsman-IA, Samuel).  
 15300 FRANCE RFI: 0510-0525 FR t1k, pop mx, many ID's. VG (Cobb-ME 9/24).  
 15305 SWITZERLAND SRI: 2205-2213 EG cmntry, wx, ID, lcl mx (Hensley 10/1). 0440-0215 EG  
 "Dateline" nx & cmntry, TC, "Swiss Merry Go Round". Xlnt (Demmitt-PA, Johnson 9/15)  
 15310 BULGARIA Sofia: 0015- 0030 SP t1k, lcl pop mx, cmntry (Braud 9/20, Reed 9/20).  
 15310 OMAN BBC-relay: 1300 EG "BBC-WS" w/World nx. Good (Zilmer-WI 9/24).  
 15315 FRANCE RFI: 1310-1330 FR nx, FR pop mx, t1k on Africa (Manning 9/23).  
 15315 EGYPT (Clandestine) Voice of Iran: 0330-0400\* //9027, however Tehran also here @  
 0330 in AR (Behr-ON 9/15). The Clandestine is in Farsi, I presume-Ed  
 15320 UNITED ARAB EMIRATES VoJAE: 0329-0400 ID, EG nx by W, P (Kononchik, Samuel 9/30).  
 15325 JAPAN RJ-Tokyo: 2000 EG nx. F w/RCI QRM (Zilmer). 0500-0515 ID, EG nx by M, cmntry  
 "Current Topics", //15310, 17810. Fair (Kononchik-CT 9/27, Jordan 10/3).  
 15325 SOUTH AFRICA R. RSA: \*0156-0255 IS, ID's, EG nx, cmntry(Fitzpatrick,Inst,Cobb-ME)  
 15330 ITALY RAI: 0401 EG nx by W, jazz version of Beethoven's 5th. VG (Munster-GA 10/5).  
 15333 COLOMBIA R. Nac: 0236-0411 ID by W w/gong, Clscl mx, //15199(Saunders,Munster).  
 15335 MOROCCO RHMV: 2000-0100 ME instrumental mx, AR t1k, //17710,15105 to 2100 and @  
 2100 15105 & 17705. F-G (Zilmer-WI 10/4, Peck-NY 9/22).  
 15335 INDIA AIR: 1340-1420 EG ID, smnts, Sub-Continental mx. P-F(Manning,Robertson).  
 15350 LUXEMBOURG RL: 2230 US pop mx, FR smnts & ID by M (Saunders-NJ 9/1).  
 15380 CYPRUS BBC-relay: 0000-0328 EG "Listening Post", cmntry (Earhart, Tedford).  
 15380 SWEDEN RS: 2305 ID, EG nx & cmntry (Samuel 9/3).  
 15385 SEYCHELLES FERA: 0230-0246\* ID by W in EG, t1k by M&W in lang. (Briscoe-IN).  
 15390 UK BBC-London: 1330-1400 Czech nx & cmntry on Poland. Xlnt //17870 (Riggs-IL).  
 15390 ROMANIA Bucharest: \*1430-1440 IS, ID, FR nx. P/under BBC (Riggs-IL 10/4).  
 15400 FINLAND RF: 1330-1348 EG "Northern Report" nx, "Off the Cuff"(Johnson,Robertson).  
 15400 IRAQ Baghdad: 1350-1403 ME mx to 1401, time pips, AR nx, //21585 (Buer-FL 9/20).  
 15405 ASIATIC RSFSR Vladivostok: 0355-0444 "Voice of Yerevan" relay w/EG smnts to  
 0400, then R. Moscow in EG w/tlk by W, lcl pop mx, cmntry(Earhart,Murff-NM).  
 15415 LIBIA SPLAJBC: 0053 AR t1k by Qadafi, ME mx, drama pgm (Tedford 9/29).  
 15420 CYPRUS BBC-relay: 2200 EG mcn "The World Today". VG(Tedford). 0410-0434 EG BBC  
 "Newsdesk", Wld nx by M in EG, "R. Newsreel", stock market(Earhart,Munster-GA).  
 15425 AUSTRALIA ABC: 0930 EG Domestic Svce pgms, mx (Warner 9/17).  
 15425 PHILIPPINES VOA-relay: 1300 EG nx & cmntry. Good (Zilmer-WI 9/24).  
 15425 SRI LANKA SLBC: 0030-0120 "All Asian Svce" EG,pop mx "Morning Show", W ancr in EG,  
 0105 Birthday Greetings, religious pgm @ 0130 (6 reporters).  
 15430 MEXICO XERMX: 0315-0323 SP t1k w/some mx. Good (Earhart-PA 9/17).  
 15430 SWITZERLAND SRI: 1844 EG ID, into GM @ 1845. Fair (Kononchik-CT 9/8).  
 15435 EUROPEAN RSFSR Tula-RP&P: 0100 PT nx & cmntry (Tedford-MI 8/9).  
 15435 GABON RFT-relay: 2058-2129\* ID, FR nx, FR pop mx & US pop mx, NA (D'Angelo 9/20).  
 15445 PHILIPPINES FEBO: 1411-1431 EG religion t1k pgm w/choral mx, ID (Hensley).  
 15450 ASIATIC RSFSR Chita7-RP&P: 1330-1400 EG nx by M&W, ID's (Sarkisian 10/3).  
 15455 ASIATIC RSFSR Petropavlovsk: 2000 RMMS EG nx "mx 'n views" (Tedford-MI 8.13).  
 15476 ANTARCTICA LRA-36 R. Nac: 2300 SP t1k & mx, 0048 SP nx, full ID & march to 0103\*,  
 good sig 9/29, but off the air since 10/1, ancd 6030,11955,15476 (Behr-ON).  
 15485 USSR UNL QTH: 0138 RS "R.Stensya Rodina", nx of USSR, pgm. P (Tedford-MI).  
 15485 NEW ZEALAND RNZ: 0625-1208\* EG nx & sports, wx, //11915 (D'Angelo,Clift, DM).  
 15515 TAIK SSSR Dushanbe: 0200 EG "R. Kiev" IS, ID, nx. G(Riggs-IL). 0345 FR cmntry by  
 W, IS & ID, into lang, Fair-Good w/polar flutter (Munster-GA 9/26).  
 15520 CHINA RP: 1200 IS, ID, EG nx & cmntry on war of 1894-95 (J Williams-YN 9/20).  
 15550 GEORGIAN SSR Tbilisi: 2200 R. Moscow to Bressil, IS, ID. VG (Munster-GA). 0255-0305  
 PT t1k by M&W, R. Moscow Foreign-Service IS @ 0258 chimes, //15465(Earhart-PA).  
 15570 MADAGASCAR RN-relay: 1532-1540 DT to S.Asia, ID @ 1538, "Context", G(Buer-FL).  
 15575 ITALY RAI: 0405 EG nx, Venice filmfestival, Pope to resume duties(Boone 9/7).  
 15575 SOUTH KOREA KR: 0655 GM S/off smnts, ID(Munster-GA). 2227 EG ID and fqys(Hensley).  
 15670 UK BBC: Feeder, 0655 EG "Jazz for the asking". G (Munster-GA 9/27).  
 15670 CHINA CPBS: 1445-1455\* High pitched W vocals, Tibetan t1k by W (Jordan 9/21).  
 17605 NETHERLANDS RN: 2030-2120 EG nx, "The Afro Scene", "Mallbag"(Tedford,Spiczka-MN).

Steve

# log report *section* **E**

## 17700 & ABOVE

**BRETT SAYLOR**

- 17705 CUBA Radio Habana; 1510-1520 SP, tlk on Cuban-Panamanian reltns, good (Rigas-IL, 10/4) 10/4)
- 17705 MOROCCO RTVM; 2100-0100 AR, tlk, local mx, //15335, 15105 (Zilmer)
- 17710 MOROCCO RTVM; 2000-2059 AR, tlk, chanting-style mx, //15335, 15105; QRM UAE at 2100, they moved to 17705 until 0100 (see above) (Zilmer)
- 17710 HUNGARY R Budapest; 0100-0127 EG, "Int'l Nxroom," tlk on Budapest Int'l Fair, 11th Congress, sports, //15220; 0134 HG, lite mx, //9835, 9585, 11910 (Bauernhuber, Moman, Ilnat, Byron)
- 17710 UNITED ARAB EMIRATES UAE Radio; 1900 AR, // 15320 (details?? bs) (Zilmer 10/4)
- 17720 USSR RS Rodina; 0229-0234 RS, marchlike mx, vocals, ID by W, tlk (Hall-CA 10/9)
- 17730 USA WINB; 1800-1900 EG, religious pgm and mx (Hitsman-IA)
- 17745 P.R. CHINA R Peking; 0155 EG, IS, ID, freq's (Samuel)
- 17745 SOUTH AFRICA R RSA; 1859 PT, s/on, ID's, nx, mx; QRM from VOA on 17740 (Potorti)
- 17755 JAPAN R Japan, 0005-0215 EG, JP, wrld nx in EG to 0015 then into JP, 0200 in EG w/cmtry on JP-S Korean relations, back to JP #0215 (Alexander 9/15, Boone, Plotnick)
- 17775 UAE UAE Radio; \*0330-0405 EG, wrld & MEast nx, mx, //15320 less QRM (Shaw 10/4, Earhart, Boons, Ilnat)
- 17790 ECUADOR HCJB; 2131-2200\* EG, DX Party Line, to Europe, fair (Ilnat)
- 17795 AUSTRALIA RA; 0300-0610 EG, wrld & Austr nx, tlk, mx, //17755, 15160 (Clift 9/19, Mayer)
- 17795 NORWAY R Norway; 2200 EG, "Norway This Week"- nx&views, local mx, Tourist info, //15135, 15175 (Zilmer 9/20, Moman)
- 17800 TAIWAN VOFC; 0310-0345 EG, to NAM, cmtry on reunification w/the mainland; cultural panorama; best reception I can ever remember (my memory goes back to 1968, hi); fair w/fading (Lobdell-MA 10/6)
- 17810 PHILIPPINES FEBC; 0000 EG, s/on annct's, C&W rel mx, show host ed by W named Anna; fair (Connell-CA 9/30)
- 17820 CANADA RCI; 0110-0128\* EG, DX Digest is back, good here, //9755, 5960 poor (Spiczka 9/21, Moman)
- 17830 SWITZERLAND SRI; \*1530-1545 EG, IS, nx, Swiss folk mx, live annu al accordian get-together (E Hoffmann 9/6) 2145 EG, nx, //17850, 15305, 9535 (Moman)
- 17830 BRAZIL R Nacional/R Bras; 0200-0300 EG, normal nx, wx, tlk on Brazilian topics, Bras/Port mx, letters, "Sunday Special" pgm, //15290 generally poorer (8 reporters)
- 17835 CUBA RHC; 1738 FR, EZ listn mx, ID, IS; nf? (Munster-GA 9/25)
- 17840 PAKISTAN RP; 0230 EG, ID, slow-speed nx, //21755, 21595 (Moman)
- 17845 USA WYFR; 1805-1825 FR, Bible discussion (Manning 10/1)
- 17855 P.R. CHINA RP; 0133-0156 EG, CH-EG lang lesson by M & W; she a former U.S. student; meanings of some CH words are explained (Bonnet-IN 10/5, Braud, Johnson) 0328 EG, "The Land & People" pgm (Earhart-PA 10/3) 0443 CH, mx on a plucked instrmt (Munster 9/28)
- 17860 USA? VOA; 0000 EG, nx in Special EG, goals of the Polish trade unions (Demmitt-PA 9/13)
- 17860 FRANCE RFI; 1705 EG, PCA (Sarkisian 10/4)
- 17860 NEW ZEALAND RNZ; 0255-0520 EG, wx report, R Hong Kong-R NZ messa ge exchange for Sept 26, 1981 (what exactly is this ?? bs) BBC 'shorts,' classical mx, live play-by-play of a rugby match, DX show at 0320 on 10/4; //15485; QRM from RPE jammers (8 reporters)
- 17865 FRANCE RFI; 0500 FR, singer Patricia Nilsson sings in FR, nx jrnal about Haig-Groyko tlks, sports (Byron-NY 9/23)
- 17870 USSR Voice of Yerevan; 0254 EG, ending what they said was the second lesson in their new Armenian by radio course for EG speak ing listeners, on the air every Fri (GMT&Armenian time, Thur for target areas) (Hauser 9/11) 0230-0258 Armenian/EG, folk & class mx, ID "Yerevanne Khosum" by W, into EG @ 0254 (Peck, Spiczka, Sarkisian, Fitzpatrick, Buer (who notes co-channel R Australia))

- 17870 USSR R Kiev; 2330 EG, IS, ID, nx, cmtry, "Ukrainian scientists" pgm, time & freq sked (J Williams-MN 9/15)
- 17870 USSR R Vilnius; 2200 EG, nx of the Soviet Union, cmtry on Cuba (Wallace 9/4)
- 17870 LIBERIA VOA via Monrovia; 1840 EG, "Afr Sounds," "Afr Panorama" pgms (Boone 9/7)
- 17875 USA WYFR; 2300 GM, Bible readings, ID (Munster 9/16)
- 17875 CANADA RCI; 2200 EG, "News at 6," "As it Happens," "Star Wars" eps #12 (J&N Tedford-MI 9/18)
- 17890 AUSTRALIA RA; 0500 EG, world nx (Earhart 9/19)
- 17930 LIBYA SPLAJBC; 1420-1439 Ar, speech by M, mnt Pres Sadat, Egypt, Nasser; later in the day they played a tape of the shooting w/ festive mx in the background (Bryant 10/6, Stidwell)
- 18600h ALBANIA R Tirana; 2318 PT, proved to be 3x6200 (Hauser 9/12)
- 19460h CUBA RHC; 2323 SP, tlk by Fidel, //11760; 2x9730 (Hauser 9/12)
- 19639 AFGHANISTAN R Afghanistan; 1358 Dari, on Upper Sideband, tlk by W, folk song w/ W singing, rubobs, flute & tabla; ID w/ mnt of "Jumhuri... Afghanistan" by W. Nice! (Peck- NY 9/29)
- 21450 USSR R Moscow; 0640 EG, feature on Ukrainian mx (Moman)
- 21470 USA VOA; 2042-2100 FR, musical tribute to Sadat w/songs like "Ave Maria", "Let Us Pray", "Alone Again Naturally" into FR nx @ 2100 (Briscoe-IN 10/6)
- 21475 FINLAND R Finland; 1127, 1244, 1330, 1400 EG, pgm on labor market, "Sunday Best," "Focus"--report on agriculture, wx report for various Euro cities (Peck 9/29, Bauernhuber, Reid, Sellers)
- 21480 MADAGASCAR R Netherlands; \*1427-1500 EG, Asian Svc, rpt on Nat Health Week in Holland, Grand Prix races, Newsline, Mainstream Asia pgms (Hall 9/18, Boone, E Hoffmann)
- 21490 USSR RMWS; 0142 EG, usually inaudible here during most of the period NAM svc is on the air, making its seasonal transpolar appearance, likely from Central Asian site, //21530; a bit echoey and the NAM svc is also audible on 21565 (Hauser 9/16)
- 21495 ISRAEL Kol Israel; 1628 RS, IS to 1630, tlk, over jamming which started at 1630 (Buer-FL 9/13)
- 21500 EAST GERMANY R Berlin Int'l; 1755 EG, ID, IS, to Afr; this is just before DW-Rwanda starts on same freq; last minute discovery so don't know if they are ending or beginning pgm yet. RBI sked not clear; fair (Munster 10/7)
- 21500nf RWANDA DW; \*1800-1959\* GM, switched to this 10/1 to escape QRM w/ RAI on 21560, 1830-1905 when RAI beams 310° in IT, but @2000 returns to 21560; good (Munster 10/1+)
- 21505 CZECHOSLOVAKIA R Prague; 1430-1445 EG, IS, ID, freq's, nx, cmtry, poor (Rigas-IL 10/1)
- 21505 SAUDI ARABIA BSKSA; 1800 AR, nx by M, simo on 15060 (is this similar or simultaneous to 15060?? bs) (Bolland-FL 9/12)
- 1930-1945 AR, AR mx to 1935 ID, tlk; very strong (Rigas 9/22)
- 21515 FRANCE RFI; 1605 EG, nx, mx, //21580 good; this freq poor (J & N Tedford 9/18) 1834-1858 FR, pop mx, ID by M & W (Braud 9/24)
- 21525 BELGIUM BRT; 1330 EG, nx, economic rpt, rock mx (J & N Tedford)
- 21535 SOUTH AFRICA R RSA; 1730 DT, hrd an EG ID and quotations but primarily Dutch; 1848-1857\* GM, DX pgm "Kurzwellenreiter" by M & W esp about antennas, ID 1854, nx brief (Munster 10/1) \*0628 EG, nx, cmtry on Soviet expansion, to Afr & UK (Wildes 9/5, Moman)
- 21535 BELGIUM ORU; 0555 FR, ID, pop mx, political interview (Munster)
- 21560 WEST GERMANY DW; 1555-1602 GM, Motzart from Salzburg, wrld & GM nx @ 1600 (Halsema 9/8)
- 21560 ITALY RAI; 1830 IT, bird chirp IS, nx, cmtry, now blocked by DW (Bauernhuber, 10/3, Bolland)
- 21560 USSR RM; 2320 EG, political cmtry, letters, fair (Spiczka 9/21)
- 21570 USA AFRFS; 2305 EG, part of a TV program (Hitsman 9/14)
- 21570 SWITZERLAND SRI; 1320 EG, 1530 EG, 1817 EG, 1845 GM, "Sunday Supplement," "Dateline," "Swiss Shortwave Merry-go-round" pgms generally fair (Bonnet, Williams, Hall, Hesch, Innat, Reid)
- 21585 IRAQ R Baghdad; 0330 EG, nx w/ anti-Iranian sentiments, cmtry poor (Robertson-CO 9/15, Tedfords)
- 21595 FRANCE RFI; 1504-1603 EG/FR, live from Paris Wolfman Jack was guest DJ w/a rock & roll mx pgm, interviews, phone-in questions; (Briscoe 10/2)
- 21595 PAKISTAN RP; 0230-0245 EG, freq anno'd, ID, into slow-speed nx; items were repeated; poor to fair, //21755 (Cobb, Stidwell, Spiczka)
- 21600 WEST GERMANY DW; 1715-1754 EG, 1802-1830 GM nx, tlk (Braud, Hoffmann)

21610 JAPAN R Japan; \*0130 EG, nx, current affairs, "Let's Practice Japanese" pgm, //21640, 17755 (Braud 9/24, Briscoe, Rigas, Reid)

21615 SWEDEN RS; \*1400 EG, "Mailbag," "Northern Report," "Panorama" pgms; sports nx, pop mx, interview w/ SW writer, good (Rigas 10/1, Hoffmann, Bauernhuber, Kononchik)

21615 ITALY RAI; \*1400 IT, IS, ID, nx, mx; QRM de Sweden (Zilmer 9/24)

21620 FRANCE RFI; 1605-1655 EG, PCA, PO Box 9516 pgms (Manning 9/20) 1734-1800 FR, mx, ID @ 1756 by M & W (Braud 9/24)

21625 USA UN Radio; 2030-2100 EG?, special Gen Assem meeting on Namibia; tlk by delegates from Zimbabwe, Zaire, & Algeria (Murff-NM 9/8)

21630 PHILIPPINES VOA via Tinang; \*0158 Hindu; to S Asia, s/on w/ Yankee Doodle, EG ID, time sig & xmsn annmt, p-f (Buer 9/25)

21640 JAPAN RJ; 0144-0229 EG, //17825, into SP 0229 (Connell 9/30, Spiczka, Stidwell, Moman)

21645 SWEDEN RS; 1755-2130 SW, in USB, nx, tlk, mx (Zilmer 10/5, Munster)

21655 AUSTRIA ORF; 1237 EG, nx, sports report (Hoffmann 9/15)

21655 UAE 1455-1515 AR, 1610-1638 EG, 1641 AR, AR mx, radio dramas, ID's, time pips @ 1700, //21695, 17710 QRM'd(both) (Zilmer 10/5, Jordan, Lineback, Hoffmann, Hall, Munster, Hitsman)

21660 ASCENSION ISLAND BBC; 1503 EG, wrld nx, echo effect (Stidwell)

21665 PORTUGAL R Free Europe; 1945-2000 Polish, tlk on Solidarity Congress in Gdansk (Rigas 9/30)

21675 ISRAEL KY; 2230 EG, tlk on New Year, bird noises (lbs)(name??)

21690 ASIATIC SSR RMWS via Irkutsk (per UHN); 0200-0215 EG, nx (Rigas)

21695 UAE UAE Radio; \*1614-1643\* EG, ID's, anthem, "The Arab Mind thru Authors & Books" pgm, world nx @ 1630 (Jordan 9/28, Hesch)

21700 PORTUGAL RP; 1830 FR, ID, nx, tlk; good (Rigas 9/11)

21710 USA UN Radio; 1916-2030 EG, pgm on women (Manning 9/16)

21755 PAKISTAN RP; 0230 EG, ID, slow-speed nx (Murff 9/26, Moman)

21782nf PAKISTAN RP; 1555-1616\* Urdu, rel tlk, s/off to 1558, then choral NA to 1600 EG s/on, slow-speed dictation news to 1615; annc'd as 21785 (Buer 9/20) tent 1647-1730\* lang + EG, nx by W in EG, then quick ID (90% sure it's them) by M, into lang tlks and MEast-type mx (Jordan 9/28)

21810 BELGIUM BRT; 1305-1330 DT, to SE Asia, //26050; 1335-1400 EG, nx wx, local mx, //21525 (Zilmer 10/6) 1604-1650 EG, "Brussell's Calling," wx, rpt on new QSL cards featuring Belgium authors (Halsema 9/8, Hoffmann) 1715-1738 EG, mx, DX Corner (Alsbrook 10/4) 1820-1830 DT, live soccer match between Belgium & France (Rigas 9/9) 1950 DT, FR & SP mx; good (N & J Tedford)

24700 UK BBC (feeder); 2115 EG, pgm on Italian opera (Zilmer 9/29)

25605 ISRAEL KY; 1258 Hebrew; pop mx on the harmonica w/ orch, time pips, ID @ 1300 (Peck 9/29)

25640 ISRAEL KY; 1400 RS, nx; jammed but readable, //21760 badly jammed also 21675, 21600, 21495, 17710, 17685, 15585, 15485 (heard or annc'd?? bs) (Zilmer 9/28)

25700 ALGERIA R Algiers; 1307 FR, FR & EG pop mx, fair (Halsema 10/2) 2000-2030 EG, nx, rock&roll mx, //11740, 9610, 7145 annc'd (Zilmer, Manning)

25730 NORWAY RN; 1455 NO, IS, ID, //25615 (Peck) 1606 EG, tlk on fishing quotas, offshore oil (Hall) 1800 EG, nx, sports, mx (Bolland, Wil-

25790 SOUTH AFRICA R RSA; 1300, 1430, 1535 EG, "Roundabout" liams) pgm, nx, "World Around Us" (Bauernhuber, Peck, Reid)

25820 FRANCE RFI; 1600 EG, PCA, Letterbox pgms, ARO QRM (Briscoe 9/17)

26020 ECUADOR HCJB; 1812 RS, tlk by W, poor (Bolland 9/20)

26040 US VOA; 1615 EG, to Afr, beautiful reception! (Grosvenor 9/13)

26050 BELGIUM BRT; 1335-1400 EG, IS, ID, nx, local mx, //21810 (Zilmer)

27790 ISRAEL KY; 1220 EG, for S81 from 1200-1230, fair w/echo (Hauser)

30800h UK BBC; 1221 RS, 2x15400 (UK site) (Hauser 9/18)

30800h ASCENSION ISLAND BBC; 1523 EG, 2x15400; UK sites also in at this time: 30360 AR, //20455 LSB; 30140 World Svc (Hauser 9/12) A, B, C

\*\*\*\*\*  
 NOTICE: The publishers of BLANDX announce that orders for the first issue will be accepted until November 15, 1981; after that date no more orders will be accepted!!! They thank you for the overwhelming response!!!

BLANDX orders will be accepted for \$1.50 until 11/15/81, address:  
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\*\*\*\*\*

**FOR SALE:** Rascal RA17L pro quality receiver - the original Wadley Loop design - imported from the United Kingdom. The RA17 series was the workhorse of the BBC Monitoring Service. Six IF bandwidths, including 1.2, 3 and 8 kHz crystal lattice filters, 23 tubes. Highly accurate frequency readout using transparent "film" scale with effective scale length of 145 feet, i.e., about 6 inches of tuning scale equals 100 kHz. Excellent receiver, just aligned and peaked. Purchased Drake DR-7 and can't afford two top quality DX receivers. Price \$700.00 plus shipping, but will discount price significantly to purchaser in Midwest who will pick up (and try out, of course) in person, saving me the trouble of crating and shipping a hefty 65 pound receiver. Comes with 80-page complete operating and servicing manual. Don Jensen, 5204 70th Street, Kenosha, WI 53142. (414) 652-5786 evenings, not collect.

**FOR SALE:** Realistic DX-150A receiver in good condition. ALSO: Paradyamics RF powerscanner, monitor RF power output, SWR and modulation. Excellent condition. For amateur or CB use. Peter J. Giacomelli, 305 Ocean Avenue, Malverne, NJ 11565. Phone (516) 847-9881, not collect.

**WANTED:** I need help in locating User's/Service manuals for the following: (1) Stromberg-Carlson RBS-1 Type CCT-46217 receiver. (2) Stromberg-Carlson RBS-2 Type CCT-20235B power supply/Amplifier. Gerry Bishop, 440-J Euclid Avenue, Lancaster, PA 17603.

**FOR SALE:** DX-300 in good condition. Price \$275 or best offer. Mitch Sams, 85 South Hunter Street, Farmington, AK 72730.

**FOR SALE:** Realistic DX-302 in A-1 condition. Price \$275 or best offer. Robert White, 4373 Army, San Francisco, CA 94131. (415) 821-3141, not collect.

**FOR SALE:** R-1000, 1 year old, great shape, with Radio West 2.9 Collins filter, 4 kHz mechanical filter, plus accessory patch to internal speaker. Price \$425, I'll pay shipping. Lewis Ross, 8831 Collett Avenue, Sepulveda, CA 91343. (213) 787-7778, not collect, 0130-0530 UTC weekdays and 1600-0530 weekends. A fantastic receiver!

**FOR SALE:** Drake SW-4A, Gilfer modified, in excellent condition. With manual, MS-4 speaker, and original carton, \$20000. ALSO: Gilfer A-20 preselector covering 3 to 22 MHz. Excellent match for the SW-4A. Price \$30.00. Edward J. Insinger, 28 Madison Avenue, Summit, NJ 07901.

**FOR SALE:** Realistic SX-190 with matching speaker and manuals. Extra crystals for 13 and 60 meter bands added. Two years old. \$200.00 Canadian includes shipping. Jim Scott, 231 Cassandra Blvd., Apt. 727, Don Mills, Ontario, Canada M3A 1V3.

**SHORTWAVE HOBBY EQUIPMENT REVIEW 1981:** Written and compiled by Larry Brookwell, this is a 179-page review of Shortwave hobby equipment descriptions, users' reports, critical evaluations, modifications and operating tips plus a comparative chart of 37 contemporary receivers. In non-technical language, it examines old favorites to present day gear including NRD 515, RF-9000, CRF-1 and FRG-7700. Receivers, preselectors, audio filters, active antennas, RTTY readers, monitors and decoders, space-age add-ons and professional gear are examined, in most cases "on the air". Must for the hobbyist contemplating purchase or as an up-to-the-minute reference. Will be updated each January with a Supplement covering equipment and technical knowledge supplemental to the original Review data and previous Supplements plus a unique feature, "Projects on the Front Burner". Price for the Review is \$5.95 3rd class, \$6.25 1st class air USA, Mexico and Canada, \$7.10 to Central America and Carribean, \$7.90 to South America and Europe, \$8.75 elsewhere. Supplements are \$2.75, \$3.15, \$3.75 and \$4.10 as above. NOTE: These prices for the review are for 1982. Deduct \$1.00 until December 31, 1981. Write to Larry Brookwell, 1826 Cypress Street, San Diego, CA 92154.

**NOTICE:** Radio Nederland is now asking listeners to Media Network to take an active part in the program in three different ways. (1) Receiver Price Monitor (RPM). "In the field" assistance on receiver prices and discounts reported at least three times a year. (2) Newspaper Clippers. Items from the smaller newspapers and journals not covered by Radio Nederland's extensive News Service are requested with information on when and where the item was seen. (3) The "EXTRAS" list. Assistance in compiling a list of the many accessories used by DXers and SWLs. If you have a piece of equipment you think would be of interest, please write. Over-the-air credit will be given to all reporters and postage costs will be repaid. For more information on this News Release, please write to: Media Network, English Section, Radio Nederland Wereldomroep, P.O. Box 222, 1200JG Hilversum, Holland.



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Please remember that my deadline is the 12th of the month. Remember also to use FRENDX Log Report forms whenever possible and to cut your log slips apart. One way to help insure that you'll be reading your name on this page is to be sure to enclose a signature slip with your loggings. The slip should be the same size as a regular log slip and should have your name, city & state and receiver(s) on it.

We had a good turnout this month; let's have a better one for the December issue.

73 de tc

Terry

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PUBLISHES FRENDX MONTHLY

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