

# FRENDX

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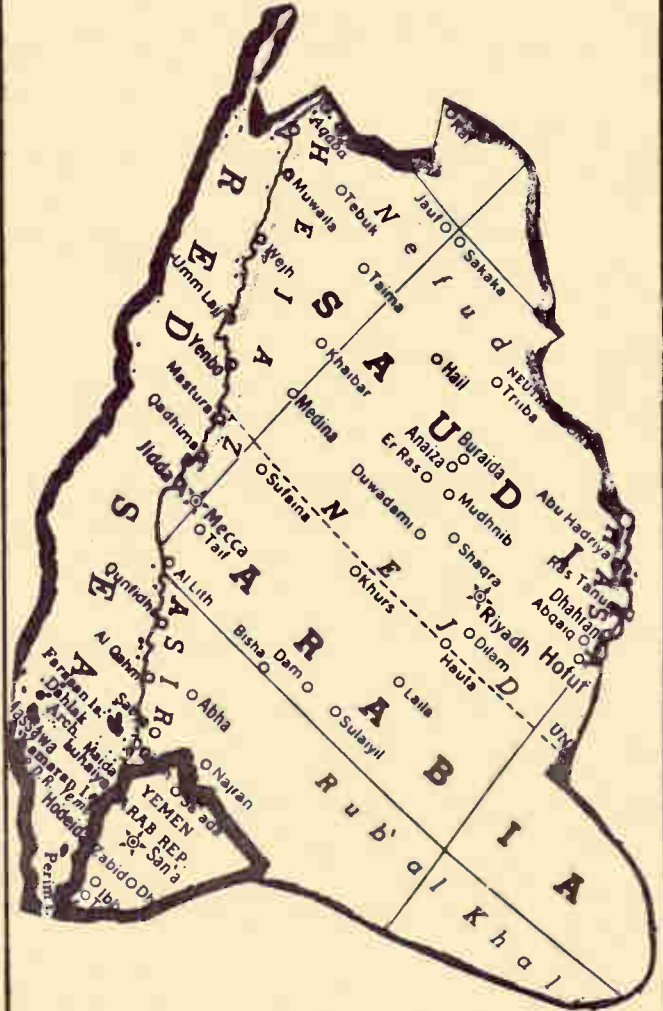
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# VOICE OF SAUDI ARABIA



### ALL-BAND DX GET-TOGETHER

October 23rd is the date of the second annual All-Band DX Get-together to be held in Edmonds, WA. Bring your QSL's and any gear you might want to trade or sell. A spaghetti feed will be provided at \$1.00 per person. Bring your own beverages. Time is 12:00 noon until we throw the last one out! For further information contact Tim O'Hare, 20023 84th W., Edmonds, WA 98020. Phone 778-3668.

### NASWA TROPICAL BANDS GUIDE

Combined listing from 2000-5900 KHz by NA Log Reporters from February 1976 to February 1982. See all possibilities by frequency on one list, even harmonics. Shows exact frequency including variations, reception rarity guide for North America, country, station name, city, check boxes for heard/QSLed/taped, fade in/fade out or exact sign on/sigh off times including variations, languages, miscellaneous notes, introduction with abbreviations, etc. Price is \$3.00 in USA/Canada/Mexico and \$4.00 elsewhere. Order from George Sherman, Box 2284, Minneapolis, MN 55402.

### RENAISSANCE RADIO

Bill Taylor, editor of "Vintage Vignettes", has begun a new service for the repair and restoration of old radios called "Renaissance Radio". Any radio from between 1920 and the Korean War will gladly be accepted for service with ham gear and early AC home sets a specialty. The service is available during the entire year, but mainly between November and March. Bill requests that those interested write first and include a brief description of needed service, weight of unit, whether a manual is available with the receiver, and, of course, an SASE. His address is Bill Taylor, Box 132, Unionville, PA 19375.

### NEW NEWSLETTER COMING OUT

A newsletter to be published bi-monthly for collectors is the idea of Terry Klasek, 9720 Vickie Place, St. Louis, MO 63106. The Xeroxed newsletter will have no formal club structure. Please send all inquiries, advice and suggestions to Terry.

### NEW EDITION OF THE RADIO NEDERLAND "BOOK LIST"

The sixth edition of Radio Nederland's "Book List" is available free upon request. For a copy write to "Media Network", Radio Nederlands, P.O. Box 222, 1200 JG, Hilversum, Holland. A ½ ounce letter with your request will get to Holland for 40¢ postage.

**WANTED:** Drake MS-4 speaker and a matching Hammarlund speaker for HQ-180. Bob Lowe, P.O. Box 591, Kingsburg, CA 93631. Phone (209) 897-7693 from 0800-0400 or 1300-1500 GMT.

**FOR SALE:** Sony ICF-5900W, 3 months old with original carton, \$110.00. Panasonic RF-085, \$40.00. Mizuho SX-59 Preselector, \$45.00. I will pay shipping. I would also like to hear from Houston area DXers. R.E. Pollock, 2601 Braewood #1202, Houston, TX 77025. Phone (713) 667-7178 between 0100-0330 GMT.

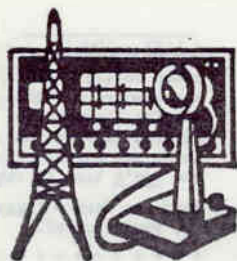
**WANTED:** Old issues of FRENDX and SPEEDX. I need FRENDX from the beginning to 9/74 and 8/75 and 9/75. I need SPEEDX from 6/71 to 11/72 and 12/75 to 12/78. Terry Klasek, 9720 Vickie Place, St. Louis, MO 63136. Phone (314) 868-7274.

**FOR SALE:** FRG-7700 with FRT-7700 Antenna Tuner. Gilfer modified, like new condition. Price \$450.00 UPS paid. Erwin Schoen, 1804 N.E. Hancock Street, Portland, OR 97212. Phone (503) 282-7037.

**FOR SALE:** Hallicrafters SX-25 (1940). One of the best intermediate grade Figs. (Vintage Vignettes, April '81). All paper caps replaced with Sprague "drops". Aligned with manual and SWL bands index for logging scale, \$120.00 plus UPS. Bill Taylor, Box 132, Unionville, PA 19375. (215) 347-2381.

# Shortwave

GERENTE: CHRIS HANSEN, 2825 WEBB AV., #5F, BRONX, NY 10468  
TELEPHONE: (212) 549-6613 2230-0330 GMT WEEKDAYS, ALL DAY  
WEEKENDS



# Center

OCTOBER, 1982

Well, here we are again. After a bountiful month last month, we settle into a rather sparse month now. I run my explanation of "list-logging," which was run in SPEEDX in my column this last August. I apologize to those who also read SPEEDX, but I think that the subject is important enough to merit printing in FRENEX as well. Bear with us for this page or so. Bill Taylor writes this month about collecting radio literature (I am going to come up on a space problem in about ten years or so, but I can't bear to throw any DX literature away); Ed Shaw opines on the Kenwood R-1000 and Panasonic RF-4900 compared head-to-head; our own Stu Klein takes the podium of "It Sounds to Me" to respond to last month's "It Sounds to Me". And now. . .

## LIST-LOGGING

**LIST-LOGGING**, (list-log-ig), n, the activity of refusing to listen to a broadcast for an ID, but rather looking in a list under the specified frequency to determine the identity of the station. Often engaged in by DXers with overactive imaginations. A cure can be obtained only by isolating the DXer from all lists until he can be trusted to use them wisely.

Facetious, but true. As an editor for too many years, I can compare editing to walking a tightrope. When a logging has been sorted, and you come to it while typing, you have a split second to determine whether you can print it or not. If you err too much on the side of caution, you have a column filled with everyone's routine DX. If you err too much on the side of permissiveness, you end up with a column filled with figments of DXers' imaginations. List-logging is the major cause of editorial upset.

## HOW TO TELL IF YOU'RE A LIST-LOGGER

- You're a list-logger if the first thing you think of when you come across a new station is "What does the WRTH say about this frequency?"
- You're a list-logger if you ignore the possibility of catching a good ID because the list you use has pinned down the ID.
- You're a list-logger if you send in a logging as a positive, not a tentative, and say, "On that frequency, at that time, what else can it be?"
- You're a list-logger if you send 100 loggings to an editor, don't mark the tentative ones 'tentative,' and then complain because only 3 were printed.
- And, finally, you're a list-logger if you never EVER question the accuracy of the list you use. After all, why would they publish the list if it wasn't totally accurate. Your attitude is: "If it's on the list, it must be broadcasting."

List-logging is for a DXer what the heartbreak of psoriasis is to the American public. It is also very annoying to DX editors, to the membership, and to my self-image (I hate it when I publish a logging that later turns out to be questionable.)

## THE FIRST STEP TO A CURE IS TO ADMIT THAT YOU HAVE A PROBLEM

If you saw yourself in three or more of the five criteria above, you have a problem. Once you've admitted that you sometimes list-log, you can pull yourself up, dust yourself off, and start all over again. Usually, by the time a DXer realizes that he has a list-logging problem, it is too late to save his reputation, and he has to take up CB or something of the sort. I am always ready to print loggings from anyone, and try not to damage anyone's reputation by overly questioning his logging. If I have a serious question, I either circular-file the logging, or run it without attribution and question it anonymously.

The cure continues when you listen to the broadcast for an ID before turning to the WRTH for confirmation. After you have heard an ID, you then rely on your list for additional information. When you hear a broadcast, listen for an ID, and don't hear one, you help your cure along by referring to lists sparsely, making a reasoned judgment on the ID

ed on (1) What has been heard on that frequency recently (after all, that's why you members of NASWA, isn't it?), (2) What your list says might be on that frequency, The language you heard the broadcast in, (4) The time of reception, and (5) Any gram information you can glean from that broadcast (i.e., if you hear an ad for Inca a, you should be narrowing your search to Peru. If you hear a broadcast in Spanish, don't look in the Brazil section of the list.)

n you mark a logging tentative every time you hear a broadcast but don't ~~have~~ a positive you're cured.

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ust be the bearer of sad news -- after a brief renaissance, C. Loudenboomer has decided retire again, for reasons unknown to many. It is sad, of course, but we should cheer After some hesitation, I have persuaded myself that perhaps I could write a short ce every once in a while as the "DX Observer," commenting on some facet of the hobby heretofore uncommented-on. The story you are about to read is not true, but if it were, names have been concealed because that is how every novelist begins his title page.

THE DX-PEDITION

hort while back I got an urge to go on a DXpedition. What a mistake! I should have ad that we DXers were indeed the "creme de la creme," that which had "risen to the top." better way than the ancient foghorn in the lighthouse tower?

ditions are common among the group of DXers which feels that its own usual site for ng is substandard. This group subsumes most DXers, including yours truly. My spouse ot pleased over many of my DX habits, especially the one that I have of setting my rm to wake me up at 0600 GMT. Since the shack is in our bedroom, and I don't wear iphones (those darn things can make you go deaf), I have regular trouble with the War rtment.

I packed my handy DX-007 portable (the one with the LEDs which light up with "Time a brew, fellah!" every time you pin the S-meter), 1000 feet of wire, and the "Trusty o Log." My fellow expeditioners were similarly equipped, and the one who had the est verifications was the one bringing the most precious cargo, that mysterious wonder the zymurgist's art, the foamy liquid which comes in packs of six. Unfortunately, ound that overindulgence produces some strange effects.

ad chosen an abandoned lighthouse for our expedition camp. After we got the gas fridge ng, we began to DX. The icebox was beginning to look empty, since there was little ear and little else to do. One of the guys jumped up and knocked over his can of Tuningoil in his excitement. "I think I hear BBC news on 2370!" he cried. Since indulgence produces suggestibility, the rest of us could also hear BBC news on 2370 r a while.

d state of near ecstasy, I felt that something more should be done to signal to the d that we DXers were indeed the "creme de la creme," that which had "risen to the top."

ral hours later our spouses arrived to bail us out of the local lockup. Besides various and sundry charges of disorderly conduct, rude behavior, and public tiddlyness, adly concluded that the weekend had been a washout.

t, we hadn't heard Tristan (of course, we hadn't tried for it, either). Secondly, gendarmerie confiscated the rest of our stores of tuning oil. Third, we simply that we were being singled out for this treatment. After all, some DXers do what id every month. All we did was blow our own horn.

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MARLUND FOOTNOTES -- The flurry of Hammarlund articles in the last few months prompted ral notes from members. Paul C. Gunn of Illinois writes that Hammarlund produced a called the HC-10 Converter, which from his description seems to be a tube-type Q- plier. It can be added to any receiver with an IF of from 450-500 kHz. Unfortunately it does not seem to be available even at most hamfests, where a sharp-eyed person can up almost anything. T.A. Dillon of CT wrote in a lighter vein of the HQ-180XE, h not only has the crystal bank ("X" in the model no.), but also has a power supply table to both American and European power systems ("E" in the model no.) He concludes ly: "It's a radio-controlled conspiracy. A high-frequency coverup, a veritable Ham- undgate! There's been a conscious effort to suppress (this) model. Perhaps it was ially ordered by the CIA. (However, its existence serves to) point out that, long re the Whopper, the HQ-180 proved you could have it your way."

ell.



# VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 16876

## ON COLLECTING RADIO LITERATURE

One of the distinguishing traits of a serious history buff is the extent of his library. This extends, of course, to those of us who collect and restore vintage radio gear. The following article is intended to serve as a primer for those of you who are interested in either beginning or expanding your collection of vintage radio literature.

The first category of literature to be examined should be the books of general interest. Morgan McMahon has written two books that are virtually indispensable in this respect. Vintage Radio 1887-1929 is an expanded revision of Harold Greenwood's radio album. This fine, well-illustrated book covers the early research and development of wireless communications, and follows through to the first AC models and superhets. A Flick of the Switch is the second McMahon book of particular interest. Picking where Vintage Radio left off, "Flick" explores the adolescence and maturation of radio from 1930 through 1950. The topics dealt with in this book include a short section on World War II military radio, a long chapter on amateur gear, and approximately 150 pages of photographs devoted to (mostly) all-wave wonders.

For those of you who are interested in the development of thermionics, Tyne's Saga of the Vacuum Tube is an invaluable reference. This tome is highly recommended for its depth of information as well as the fact that it is simply well-written and interesting.

Should you feel a yen to more thoroughly understand old battery radios, components, and circuits, try the Robertson-Cataract Radio Equipment and Supplies catalogue. This catalogue -- actually more akin to a book -- was first published in 1922. This well-done reprint covers TRF and regenerative circuits, components that were (at that time) state-of-the-art, receivers and kits then available, headphones, and much more.

All of the above-mentioned titles may be found in the Vestal Press catalogue. They offer 18 titles dealing with the collection, restoration, and history of radio. If you are interested in other areas, they publish and/or offer vast selections on player pianos, juke boxes, organs, music boxes, gambling machines, and many other hobbies. The catalogue costs \$2.00, but it is well worth the price. Write to them at Box 97, 320 N. Jensen Rd., Vestal, NY 13850.

Another book, which I would most heartily recommend, would be Man of High Fidelity: Edwin Howard Armstrong, by Lawrence Lessing. Ask your local bookstore to try to locate it for you; it is a Bantam Book paperback. This enthralling story was last published in 1969 and, hence, is rather hard to find.

Armstrong's biography is rather well written. It takes the reader on a journey through his inventions of regenerative feed-back, superhets, and frequency modulation. Perhaps the most interesting point of the book revolves around the titanic battles to, first, establish the merits of FM radio, and, second, to wrest some of the rewards for this invention from the major electronics companies who denied him the due credit and royalties. This final clash would lead "the Major" to take his own life. Read the book.

Should you be unable to locate this Bantam edition locally, you may be able to receive a copy from the Antique Wireless Association. They have a limited supply on hand. Contact Bruce Kelley, W2ICE, Main Street, Holcomb, NY 14469.

Puett Electronica offers several booklets and pamphlets on vintage radio topics. Their titles deal with various aspects of collection and restoration. While their prices are rather high for the quantity of print provided, the printings are nicely done and well written. The Puett catalogue costs \$1.00. Their address: Box 28572, Dallas, TX 75228.

No serious collection of library materials would be complete without a healthy acquisition of honest-to-goodness, genuine, original books and magazines.

The grand coup is to find a complete set of Rider's Manuals. These encyclopaedic volumes of service notes and schematics are, to the radio hobbyist, what a complete set of National Geographic maps would be to a cartographer.

Other collectable books would include Supreme Publications and Sams service books, as well as the service notes published by the manufacturing companies themselves. These types of book are valuable aids to restorers.

General interest books on radio are also of interest to collectors. They may describe radio from the perspective of science or hobby, but in either respect they give much historical insight. The photographs and circuit diagrams to be found in these books are of particular interest.

Magazines that dealt with either radio or electronics are also actively sought after. The new sets were reviewed and advertised in these copiously illustrated volumes. New and improved (a modest chuckle may be inserted here) components were widely heralded in these pages. DX catches were claimed (and decried at times). The announcement of new technical developments was usually made through the radio magazines. In general, the magazines represent your best, all-around value for entertainment, nostalgia, and technical information.

One of the reasons that led me to request the space to write these ramblings was an affection for history. That is, it is sometimes easier to see where you are going if you look back to see where you have been. It tends to place things in their proper perspective. The function of this column has been to perform this service, as well as to entertain and enchant you with a bit of nostalgia. If you've enjoyed my musings, try some of the real thing.

73's. *Bill*

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## IT SOUNDS TO ME!

This month's It Sounds to Me begins with a short comment on last month's article by Russ Lay. LRA Editor Stu Klein gives his views:

### A Log Report Editor's View

Log report is for loggings, not editorials, and I thank Chris for making this space available to me to respond to the opinions expressed last month in SWC by Russ Lay. To say that I disagree profoundly with many of those opinions would be a gross understatement! I think that I am in a position to speak about the Log Report sections in general, and LR-A in particular.

Carefully reading the previous article reveals one assumption made by the author: FRENDS is not providing the NASWA membership with what it really wants. To view this assumption in perspective, we should realize that NASWA currently has over 2000 members, and that a very large proportion of these members renew their subscriptions. I think that this fact alone gives the lie to the foregoing assumption; if FRENDS were not satisfying its subscribers, they would not renew. That they do says that they find the magazine worthwhile. No one will say that it is perfect, no one will say that it cannot be improved, but the facts do speak for themselves. With so many people sticking with NASWA year after year, we must be doing something right! Question is, what?

I would like to think that what gives FRENEX its strength and appeal is its diversity. We have something for everyone, not just the hard-core DXers as implied last month. Articles -- feature, technical, opinion -- in SWC; schedules, up-to-date corrections, station information in LR; and, yes, material for DXers in Update and the LRs. "The poor guy who . . . wants to find RSA's latest frequencies" can do so in LM. Glenn does a bang-up job of providing such information, as up-to-date as is available. Of course, it will not run every month; such material remains valid for several months, barring changes which are promptly reported, and space limitations prevent such repetition. The guy who wants to find out how to improve the reception on his portable-with-a-whip can, through various articles. The DXer who wants accurate information on what is appearing on the bands gets it, in LR. I think that it is the treatment of LR in last month's article which most sticks in my craw!

Log Report is designed as a showcase for members' loggings. It is not designed to be another WRTT. It is to let you see what your fellow members are hearing (at least those who bother to contribute); it is not to constantly remind you, month after month, that Roloj is on 4832! I could go on, but I think that by now you catch my drift. Reading between last month's lines, the prime complaint would seem to be that editors cut common material to include the less common. Indeed, I get the sense that the author was saying, in effect, it is the editor's responsibility to print what is sent to him. Up to a point I agree with this, but only up to a point. What I say now goes for LR-A specifically, but I think it applies as well to the other LR sections.

I consider LR-A to be a news medium. As such, the material within it must be accurate, as accurate as I can get it. I consider it to be my responsibility to make sure that inaccurate material does not appear. Many times I must make a value judgment on an item, using all of the information at my disposal. If I believe that an item is incorrect, it will not run. If I am unsure, it probably will run, but I will insert a questioning comment to indicate that the accuracy of the item is uncertain. Lord knows, I am not perfect, and some of these judgments will be in error, one way or the other, but as the President said, "The buck stops here." In general, though, unless I have serious reservations about a logging, I will use it, since I do feel an obligation to the person who took the time to write it up and send it in. The only other reason for dropping loggings is lack of space.

Oftentimes, I will receive more material than I have room for in the column. First I will cut out any unnecessary editorial matter, then I go through the column compressing details. If there is still not enough room to accommodate all loggings, I must cut some out, although they might be good, solid material. Which ones? Last month's article would have me cut uncommon material in favor of the common, on the grounds that this is what is frequently heard. That is exactly why I do cut it; people know that the station is there, they know its format and transmission times. They may not be at all familiar with a more unusual station, heard during an uncommon opening. By publishing the logging, even if they do not hear it, at least they will know it is there and can be heard! That is exactly why I do cut it -- people know that the station is there, they know its format and transmission times. They may not be at all familiar with a more unusual station, heard during an uncommon opening. By publishing the logging, even if they do not hear it, at least they will know that it is there and can be heard! That is exactly the kind of news that LR is designed for, and that is exactly what was ignored in the column. Repetition of the same facts, month after month, is boring!

It was stated that "...we are now moving to make the hobby a 'science'" by dictating what and how to report. Poppycock! The hobby was, is, and will continue to be more art than science, with all of the imperfections that that implies. As an editor, I do not presume to dictate to people what to send. I am grateful for the contributions that I do receive, since there are far fewer contributors than members. The details that they provide are the details that I print, unless compression for space purposes is necessary. But, ~~can~~ more detail that is provided, the more interesting the logging is to read. You are sending the material to showcase it, and it reads better when it isn't just abbreviated 'wx, TC/ID' or some such. Believe it or not, people are interested in what you heard. That is the reason that editors ask for details; it is certainly not so that we can enjoy having more to type. More details are also of use when a value judgment, as I described above, must be made.

Another criticism leveled at LR was that mistakes are corrected, sometimes in print, so IV though this were some terrible way of humiliating contributors. As it happens, I prefer not to do this in print; some editors do. It is most assuredly not to shake a finger and say "shame on you!" as was assumed. As human beings we learn from our mistakes, but to do so, we first have to know that a mistake has been made. When I drop someone a line to point out an error, it is to help that person develop within the hobby...I would have little reason to bother otherwise. I consider helping members to enjoy the hobby and

develop within it, if that is their desire, to be part and parcel of my editorial responsibilities. The correspondences which sometimes develop are one of the aspects of being an editor that I truly enjoy. I may be getting a bit ahead of myself, but I believe that I've just put my finger on NASWA's greatest strength, and the reason that it continues to grow and to hold on to new members. . . people in NASWA care! You need help in the hobby? It's there for the asking. The attitude shown in last month's article was that LR editors dictate; we do not, we serve! That is a major and fundamental difference, and one which I wished to point out.

To summarize then, and I emphasize again that this is my personal opinion, I see a FRENEX which continues to be strong in its diversity, which continues to be a bastion of accurate and interesting news in a sea of drivel, which continues in the tradition which it has thus far established, to be far more valuable to the hobby as a whole than what was advocated last month. I see that as advocating a FRENEX with the same international schedules, the same pages of identical loggings of identical stations on identical frequencies, the same lack of desire to help members expand their hobby horizons, month after identical month. In short, I find it to be an advocacy of mediocrity, and I find that, both professionally and personally, to be repugnant.

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 O.K., Stu, thanks for your comments, which are a valuable perspective on this tortuous subject. I think that, now that both sides of this have been aired, I personally want to go back to the original subject of publicity. Many comments have been received on this topic, and here are a few:

ANDY REID, ON -- "What is needed is a reawakening (of awareness of shortwave) of the general public. This should start with the manufacturers of radio equipment that is readily accessible to potential hobbyists. In the Canadian Radio Shack catalogue, 2 pages are allocated to shortwave receivers. All the radio descriptions are completely technical -- not very eye opening to the beginner. Nothing is said about what is available to the new listener, and a diagram beside the DX-100 is a picture of a ham, to boot!!"

A few turned out to be one -- however, next month we will have a lengthy but very interesting analysis of the publicity problem of shortwave radio from the PR man's point of view, by member Randy Erickson, a management consultant in Pennsylvania.

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**VERIFYING PACIFIC SHORTWAVE STATIONS**

by Dave Valko, P.O. Box 155, Dualo, PA 15930

The following is a list of verifying Pacific shortwave stations that were found in the July 1981-June 1982 issues of QSL Report in FRENEX. Verification time is in the nearest day, frequencies are only those that were reported, and reports were sent in English except where noted.

**Abbreviations used:**

- |                 |                    |                |
|-----------------|--------------------|----------------|
| od= card        | rp= return postage | f/d= full data |
| ltr= letter     | dys= days          | EG= English    |
| ms= mint stamps | v/s= veris signer  | FR= French     |
| rpt= report     | n/d= no data       | ID= Indonesian |

<u>COUNTRY/STATION</u>	<u>FREQ.</u>	<u>CD or LTR</u>	<u>RP</u>	<u>DYS</u>	<u>V/s</u>
<u>ADMIRALTY ISLANDS</u>					
R. Manus	3905	f/d od	1-3 IRC's	63	John Isinii
<u>AUSTRALIA</u>					
VW3	4500, 7500, 1200	f/d od	0-2 IRC's	50	Dean Niven Steve McRae Natalie Athyee G. Matthews
VLM#	4920	f/d od	0-3 IRC's	57	
VL16	6090	f/d od	2 IRC's	46	
VM46	6140	f/d od	1 IRC	27	
VL86	6150	od	no rp	326	
VM49	9610	f/d od	0-3 IRC's	25	
VLQ9	9660	f/d od	0 and 2 IRC's	36	
VL89	9680	f/d od	no rp	63	
VL89	9680	od	no rp	61	
VLH15	15230	f/d od	2 IRC's	289	
VM15	15425	f/d od	0-2 IRC's	26	
R. Australia	various freqs.	f/d od	0-1 IRC's	35	Peter Burnett



VERIFYING PACIFIC SHORTWAVE STATIONS / -- DAVE VALKO, continued

<u>COUNTRY/STATION</u>	<u>FREQ.</u>	<u>CD or LTR</u>	<u>RP</u>	<u>IRC</u>	<u>Y/S</u>
<u>COOK ISLANDS</u>					
R. Cook Islands	11760	f/d od	0-3 and 6 IRC's, ms	32	Nooroa Tangarua
<u>GUAM</u>					
KWNR	various freqs.	f/d od	0-1 IRC's, US ms	29	D. Blosser Winnie Whitacre
<u>HAWAII</u>					
WWVE	5000, 10000, 15000	od	0-1 IRC's	22	C.L. Trembath
<u>KIRIBATI</u>					
R. Kiribati	16433	f/d od and ltr	2-3 IRC's	55	Keith Daniels Bill Reiker
<u>NEW BRITIAN</u>					
R. East New Britian	3385	f/d od	2 IRC's	127	P. Dalwart
R. West New Britian	2940	ltr	1 IRC	120	
<u>NEW CALEDONIA</u>					
FR-3	7170, 11710	f/d form ltr	1-3 IRC's, ms	108	
<u>NEW IRELAND</u>					
R. New Ireland	3905, 2428	f/d od or ltr	1-3 IRC's, ms	36	Ruben J. Bale J. Malisa
<u>NEW ZEALAND</u>					
R. New Zealand	various freqs.	f/d od	0-6 IRC's	43	
<u>NORTH SOLOMONS</u>					
R. North Solomons	3322.5	f/d od or ltr	1-3 IRC's	49	Sam Sava
<u>PAPUA NEW GUINEA</u>					
NEC	4890	f/d od or ltr	0-3 IRC's	68	N. Gevina
R. Chimbu	2376	ltr, od	1 IRC	467	N. Gevina
R. East Sepik	3335	f/d od	2 IRC's or ms	54	Joseph Jamo Paul Kafafi
R. Madang	3260	f/d od or ltr	1-2 IRC's	74	K.L. Troupa
R. Milne Bay	3360	ltr and od	ms	112	
R. Morobe	3220	ltr	no rp	224	O.A. Shilemon
R. South Highlands	3275	ltr	ms	127	Ronald Kondun
R. West Sepik	3305	ltr	1 IRC	42	Riccardo Ali
<u>SOLOMON ISLANDS</u>					
SIBC	5020, 9545	f/d od	0-3 IRC's, ms	29	G.R. Richardson Martin Hadlow
<u>TAHITI</u>					
Advertisist World Radio	15170, 11825	f/d od	no rp, 3 IRC's	33	
FR-3 R. Tahiti	15170, 11825	f/d od (BG or FR rpt)	0-2 and 6 IRC's, ms	76	
<u>VANUATU</u>					
R. Vanuatu	7260, 3945	f/d od	0-3 IRC's, ms	90	G. Paterson I.J. Irving
<u>WEST IRIAN JAYA</u>					
RRI Blak	5451, 7210	f/d od (BG or IN rpt)	0-1 IRC's	57	Muhtar Yushadilaga
RRI Fak Fak	4790	f/d ltr (IN rpt)	no rp	86	Elsye Lolowang Elsye Medellu
RRI Jayapura	9610, 6070	f/d od (IN rpt)	1-2 IRC's, ms	46	Muhammad Ely
RRI Manokwari	3427, 6185	f/d od and ltr (IN rpt)	1 IRC or ms	36	Soedarsono
RRI Serui	6207	n/d ltr (IN rpt)	ms	80	E. Steven Silubun
RRI Sorong	4875	f/d form cd (IN rpt)	ms	199	A.F.C. Usmary

Any comments or suggestions would be appreciated.

Dave Valko  
P.O. Box 155  
Danlo, PA 15930

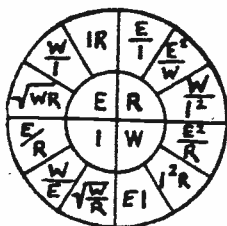
++++  
Well, there's just enough room here to bid you farewell until next month. Let's keep those cards, letters, and especially features coming in, folks!!!

73's from Chris

# TECHNICAL TOPICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



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KENWOOD R-1000 RECEIVER \$460.00  
vs  
PANASONIC MODEL RF-4900 \$440.00

This review is only one user's opinions

What a task!! Here I am asked to make a comparison observation between two of hobbydom's most popular receivers. How does one accomplish this and keep peace in the family? Well, here goes nothing. Actually, I may have a biased opinion since I have owned one of the receivers, but if bias has been injected herein it was entirely unintentional...I even had several persons to review this work before releasing it in order to avoid weighted opinions.

First of all, we will list the standard specifications of each and show the illustrations. Readers may note immediately that the R-1000 is a pint-sized piece of equipment compared to the Panasonic. Don't let that influence you.

KENWOOD R-1000



PANASONIC RF-4900



200 KHz - 30 MHz (LW/MW/SW) Note the R-1000 provides LW reception, but no FM service	FREQ RANGE	525 KHz - 31 MHz MW/SW 88 - 108 MHz FM Note the RF-4900 has no LW
30cm X 11.5cm X 21.8cm	DIMENSIONS	48.2cm X 20cm X 35.4cm
20 watts on AC	POWER CONSUMPTION	10 watts on AC
2 uV approximately	SENSITIVITY (SWBC) in AM mode	1.2 uV approximately
12 KHz at 6dB, 25 KHz at 50dB 6 KHz at 6dB, 18 KHz at 50dB	SELECTIVITY (Wide & Narrow)	12 KHz at 6dB, 25 KHz/50dB 4.5KHz at 6dB, 10KHz/40dB
The R-1000 is easily wired to incorporate the 2.7 KHz SSB I.F. A definite advantage.	Neither of the receivers gave standard 60dB measurements	The RF-4900 has no SSB I.F. crystal, but relies on a BFO circuit.
Internal digital clock Timer control A real noise blander	Features	Antenna Trimmer Separate RF gain control Battery portability

OBSERVATIONS: Having owned the RF-4900 and the earlier RF-4800, I was more accurately aware of some of the drawbacks and limitations of the Panasonics. On the other hand, I had opportunity to tune and use the R-1000 only over the space of one weekend, but I believe I learned enough to do the receiver proper justice.

As regards selectivity. Despite the specifications which indicate the Panasonic had a slightly "tighter" I.F., I could discern no appreciable difference by ear or 'feel' while tuning over equal strength signals.

One of the methods I use to make some judgement about I.F. selectivity is to observe S-meter deflection. Here's how I did it. First, one must have use of a crystal calibrator to generate a 100 KHz marker.

Disconnect the antenna lead-in wire, using only the crystal calibrator to generate a 100 KHz marker. Dial in a frequency multiple and center it well by obtaining the highest meter reading. Try to stay in the lower range of frequencies to avoid reception of strong higher-frequency stations on even a short antenna wire like that of the crystal calibrator. Note where the S-meter needle points..take notes. Next, tune down in frequency slowly until the S-meter drops 6 dB. Observe how many KHz you have tuned down. Do the same thing now, tuning upwards in frequency. Then tune down, then up for a 60 dB meter deflection. With use of graph paper, you can make a crude, but serviceable guesstimate of how to rate your i.f. filter.

I rather preferred the versatile arraignment of separate AF and RF gain controls of the Panasonic. The RF attenuation steps of the Kenwood seemed much too steep to suit me. There is a way to alter these 20 dB steps to 10 dB steps.

The selectivity of the Kenwood can be greatly improved by rewiring the SSB 2.7 KHz filter for use in AM mode.

The AGC response time for the Kenwood seems a little slow, but this also is easily defeated - or restored back to original whenever desired.

I am told by other R-1000 owners that the audio output is not all that great because the chip used wasn't the best choice. Q-28 audio chip MIGHT be replaced by an ECG 1284...no guarantees. The ECG is a slightly more efficient chip for the same power drawn.

The R-1000 is AC only as purchased. Any competent technician can wire in a means to use 12VDC. Why they didn't put it in to begin with snows me, unless it was because of the fact that the display unit draws one helluvalotta mA.

The Panasonic RF-4900 certainly is more impressive looking. The speaker and audio output are excellent.

The RF-4900 dual-speed main tuning knob is cute. It also has a small finger control nearby to calibrate the dial. I appreciate also the separate bass and treble controls.

The RF-4900 I.F. selectivity can be modified with one of several replacement filters. It requires a competent technician to do this, so don't tackle it yourself.

BFO pitch simply is not stable. I could never get the RF-4800 or the 4900 to stay on pitch or zeroed for more than a few seconds...it begins to climb in frequency nearly immediately.

There are more birdies and internal images generated in the Panasonic than the Kenwood. There are several in the 15-19 MHz band. Most annoying.

The AM sensitivity on the RF-4900, and I used a box loop antenna here, for medium wave is excellent.

Internal battery employment also was useful for field trips. One can turn off the readout display to conserve power.

\*\*\*\*\*

JUDGEMENT DAY: For DX-ability alone, I have to lean to the Kenwood, especially since the modifications for I.F., AGC, and portability are simply done. The Panasonic, in my opinion, had too many false images and spurs, and could not sit still on SSB. The Kenwood was smaller, therefore easily portable. What's more, I have some interest in LW - moreso than FM for which I have another more sophisticated receiver.

One last observation. The Kenwood company offers a really heavy metal knob to replace the plastic main tuning knob...not the calibration ring, just the main knob. It provides a firm, professional heft.

**A SPECIAL NOTE TO OWNERS...OF ALLIED SX-190:** Many of you already have the technical manual for this remarkable receiver, but others who do not may wish to have a special comprehensive collection of SX-190 review notes and modification instructions. Eighteen pages with over twenty articles about the SX-190. Even if you do not have the technical manual (or even if you do) this collection should be of interest to you.

This Super-X 190 opus costs a fair amount to xerox, on long paper no less! I have to ask three dollars (\$3.00) just for costs and postage. Ed Shaw

\*\*\*\*\*

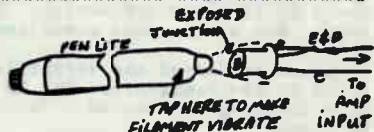
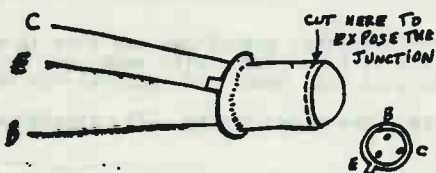
**EXPERIMENTER'S NOTEBOOK: Photo-xstr**

Photo-transistors have interesting uses in communications and circuits to be controlled by light/dark.

It's easy to MAKE photo-transistors! Every silicon transistor is sensitive to light if the junction was exposed.

Acquire an inexpensive TO-18 type such as the common 2N2222.

Using a SHARP pair of sidecutters, a ceramic circle saw, or sharp knife, cut tip off as illustrated.



Note the interior is encased in a clear resin. The junction is sensitive to light.

Twist the Emitter and Base leads together for highest sensitivity.

Suggested experiment: Use the photo-transistor as an input to any power amplifier. Point it at the sun and run a comb or piece of window screen over the exposed junction. What did you hear? Another experiment: Turn on a pocket penlite and shine it into the junction, then tap the bulb. What did you hear then? In both cases you have experienced modulated light turned into sound. The screen blanking action in the first case, and a vibrating filament in the second.

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**UNDERSTANDING SOME ASPECTS OF YOUR DX RECEIVER: What is AGC?**

Some of you will already understand that AGC stands for Automatic Gain Control. But, not many understand what it is for, or how it works. To be a good DXer, one first has to understand his receiver. This brief explanation of AGC may be the first step you need.

Signals arrive on your receiver antenna in varying strengths, and pass thru the different stages of amplification and processing. Somewhere along the way, usually in the last I.F. transformer, a little bit of signal is bled off by a diode and capacitor and then smoothed out to nearly a pure DC voltage. This voltage is fed back to the RF amplifier at the beginning of your receiver's circuit where it controls how much signal is let into the circuit. If a very strong signal blasts in, the bled-off AGC voltage tells the RF transistors to shut down a bit. If weak signals eak in, the AGC voltage permits the RF section to do its maximum. It's a feedback circuit of sorts.

In the AGC circuit is a resistor and large capacitor which, together, determine just how fast the AGC works. For instance, you are DXing on a noisy day with lots of lightning crackle, and slow AGC response time may be useful; that is, a loud blast would be absorbed by the resistor/capacitor network, and the receiver would go silent for...say, 1 second, then would recover and continue to receive normally after the blast was over. A short response time on less noisy days might not need any more delay than say 200 milliseconds or perhaps none at all. Thus, you can see that more advanced receivers will have provision for choosing response times...sometimes up to three choices. Some modern-day receivers have fixed AGC response times often not to the discriminating owner's satisfaction. It can be remedied by changing the big response capacitor to something larger or smaller in value to suit tastes.



OCTOBER 1982

# Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

## PROPER CREDIT

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**K E Y** - Letters along left margin enable you to spot items in categories of interest: **A** = amateur, **C** = clandestine, **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, **U** = utility, **V** = television, **X** = DX programs

**AFGHANISTAN** R Afgh ES' and new pgm' for compatriots away from country' from 27/8 in Pash-to & Dari, necessitating retiming of Urdu & first EG xmsn, viz. P&D 1430-1630; UD 1230-1430 ex-1330-1530; EG 1000-1030 ex-1530-1600, all on 21460 15255-6230. Later anmt gave 1960 not 21460 for UD & P&D & omitted 6230. 22/8 anmt said new P&D pgm'd be called "The Voice of the Homeland" (WBI 26/8) Confirmed to be on 15255 1960 6230. Encourages expatriates to return home; addr is R Afghanistan-Kabul, Ansari Watt, Post Box 544, Kabul. EG E at new 1000-1030 time is on 21460 15255 6230. UD on same fqs as P&D. The DS 2nd pgm on 6230 changed so minority lang pgms are reduced to 30 min ea: 1030 Pasha'i, 1100 Nuristani, 1130 Uzbek, 1200-1230 Turkmen; 1630-1700 Baluchi. 21460 & 15255 carry 2nd Pgm until 1130, then switch to one-hour relay of First Pgm in P&D. 21460 replaced by 1960 some time after 1200, but timing of switchover to Urdu svc tends to be somewhat erratic (WBI 2/9) And the 21460, 15255 and 1960 are likely to be USSR relays, per previous usage (gh) HS fq of 5733 & //7199 are from Afgh itself, former weak to barely audible, latter fair most of the time, 1500-1930\*; 7199 also hrd at \*0125 (Victor Goonetilleke, Sri Lanka, ADXN) Look out for changes in late Sept: 9500 & 11730 should replace 17720 & 15255 at 0125-0500 (Victor Goonetilleke, Aug UADX)

**ALGERIA** R Algiers EG hrd at 2000 on 15160, following FR (R I Murakami, JADX via RA DX 15/ E 8) 15160 sked 0600-0930 & 1200-0100 to Sam. Another fq in sked is 11715 24h to NAF/ME (Craig Seager, Vic., RA Japanese DX Time 15/8)

**ANTARCTICA** R Nacional Arcángel San Gabriel, 15474, 2/9 2358-0023 3/9 period included several good IDs. Really, now, how can 1200 watts (per WRTH) produce this kind of sound? RAE doesn't come in this well. Also 6/9 LRA36 at 2350 w/EZL mx, IDs 2353, 2356, then ID w/fq & call at 2400 to newscast. 0006 back to mx, excellent sig on 15474 (no sign of Bucharest) (Gerry Bishop, Christiana PA) Also G here 4/9 0013-0030\*, w/flowery spiel mixed w/mx about the stn & Antarctica, many IDs, fqs incl "15476", long military band piece ending w/taps (gh) LRA36 noted 5/9 & 6/9 on 15474 not 15476, definite ID; 6/9 2345-2400, also hrd by Shawn McDaniel; QSY to avoid QRM? (Tom Laskowski, South Bend IN) see ROMANIA

**ANTIGUA** Addr of BBC relay: P O Box 1203, St John (ARC via Play-DX 23/8) Not for QSLs...

**ARGENTINA** R Nac, 30690, 22/8 1845-1903, 2 x 15345, live speech re Malvinas at La Plata X ceremony, time pips & LRA IDs on hourtop w/99 MHz FM fq given. G level; only het against H APFTS 15345 noted for fundamental (David Crawford, FL, DXSF) RAE Actualidad DX pgm in SP Thurs 2030, 2330, Fris 0300 on 15345 11710 9690 6180 6060 (LADX via LADXR) 3 private stns have finished SW xmsns; they were R Continental 6060; R Rivadavia 9690, R del Plata 11710 (Emilio Pedro Povrženic, Argentina, LADXR) At 0128 6/9 RAE 11709-2 and that a rep of RAE'd be in CA to talk w/RAE listeners & tell people abt stn for two weeks during Sept. Interested listeners should call 836-9033 in Santa Ana or write 666 E 17th St, 92701 (Richard E Wood, St Louis MO) For the record; I and on SWL Digest 11-12/9 (gh)

**AUSTRALIA** 15/8-15/10, DOC allows Aussie hams to use AX- prefix instead of usual VK-, to A commemorate Commonwealth Games in Brisbane; many hams may have spl QSL cards to mark the Q occasion (RA DX 22/8) R Australia sked for Games coverage: 1/10 thru 8/10: daily reports L 0312, 0412, 0512, 0612 on 13, 16, 19m. 0712 13, 16, 19, 31. 0812 (Sat & Sun 0810) on 13 E 16 19 31 49, 1012 13 16 31 49, 1110 16 31 49, 1212 16 31 49. Reports 9/10 0312, 0412, 0512 on 13, 16, 19m. Summaries 1/10-8/10 1340 31 49, 1840 25 31 49, 2135 13 16 19 25. Closing Ceremony highlights 9/10 0840 13 16 19 31 49, 1340 31 49, 1840 25 31 49, 2135 on 13 16 19 25m (via George Poppin & Kraig W Krist) S82 fq changes compared to J82 sked: Pac 9580 1800-2000 ex-2130, 15320 0430-0500 ex-0400-. 17795 2030-0100 ex-2030-. PNG & NWPac 6080 1800-2000 ex-2030 & 1430-1800 ex-1230-. 11820 0600-1200 dropped; 17830 2200-

00 dropped. 21470 0800-1100 changed to 21720. Af 21525 0400-0630 dropped. NAM: 21740 00-0330 now to 0400. (Krist) RA Calling Antarctica \*0300 17750 10/9, GMT Fri, G (Richard E Wood, MD) [Cf Aug LN-14] RA Shepparton on 4880, xmtr fault during June until Chris Myers phoned RA & complained; fixed in a few hours; is fund of 9760, 0700-1100 to PNG (YDKS) 11/11 tent the day for offl opening of RA's new studios at East Burwood, 15 km E Melbourne. Bldg work already complete. Will have 11 studios, 5 of which are live-production booths (i.e. w/attached tech ops control room); 6 for one-man op by ancr. Control consoles being made by Rank-Arena. Present RA studios are in Melbourne central business district in leased accommodation, cramped & ageing! But will remain as backup/alternative (Peter Bunn, ADKN) R Zeross was on SW & FM from Sydney for about 6 months, closed July. Hrd by various NSW & Vic DXers on 6275v; I first hrd early this year, first got Irish pirate but then hrd most weekends, irreg sked at any time of day--0700, 1000, 1900, Eu mtr, Greek anmcs continually mentioning SW Sydney suburbs, but when raided, ABC reported it was in inner-city suburb; used Yaesu Museu FT 101E, 80 watts (Patrick Fitzgerald, Sept Australian DX News)

**RIA** Despite advance anmcs of 21535 ex-17880 for 1230 EG NAM, when disturbances finally cleared up 9/9 I found it on previously used 21525, and this fq shown in subsequently rxd bands (gh) From 29/8 testing new ant: 0000-0200 ESAM 11665, 0200-0400 CAM 12015, 0700-0900 as 15235 longpath; w/100 kW only; the 500 is near completion but start date unknown. Use tests w/curtain thru 4/9 only. More tests from 12/9 w/rotatable ant toward other directions (David Hermegs, ORP, RNMM 26/8) Test 12/9-18/9 w/rotatable ant for half of the following xman periods; not saying which half to avoid biasing reports which were wanted: 0200-0400 5945 9770. WNAM 0400-0600 12015. EAs 1100-1200 17810. ME 1600-1800 on 17860; SAf 1700-1900 17740; Waf 1900-2100 15430 (Rob Williams, NSW) 5945 seemed to improve markedly but 9770 still buried w/several layers of QRM. Sked effective 15/9 for test of S82 shows the turnable curtain in regular use: 5945 2300-0400 NAM 3100, 12015 0-0600 WNAM 325°. 15200 2100-2300 SAM 2400. 15430 1900-2100 Waf 205°. 17740 1700-1900 SAf 170°. 17810 1100-1200 EAs 50°. 21525 1200-1300 NAM 3100°. 21640 0600-0700 SEAs/1595°. Stationary slewable curtain also replaces log periodic on several other xmans.

ombic still sked on 9770 to NAM 2300-0400 303° (ORF & gh) /more BELGIUM v ITALY  
**IUM** BRT S82 sked as revised 26/9 for std time: Mon-Sat: 0430-0550 Af 11820 15570.  
0-0715 Af 17595 21810. 0800-0900 Eu 6010 11695. 1100-1230 Af 26050 21810. 1235-1300 21810, FE 21815. 1330-1445 (M-F incl EG 1400-1445) FE 21810, NAM 21525. 1700-1725 Af 10, Eu 11695. 1725-1800 Af 21810, 1725-1750 Eu 11695. 1800-2000 Af 17595 Eu 7335 (in EG 1915-2000). 2000-2030 SP SAM 17595, Eu 7335. 2030-2245 (incl EG 2200-2245) Af 17595, Eu 7335. 2300-0115 (incl SP 0000-0030, EG 0030-0115) N&SAM 11695. Sundays: 0530-0715 Af 17595 21810. 0800-1230 Af 21810 26050. 1235-1300 Af 21810, FE 21815. 1345-1750 21810, Eu 11695. 1800-2000 (incl EG 1915-2000) Af 17595, Eu 7335. 2000-2030 SP SAM 17595, Eu 7335. 2030-2245 Af 17600, Eu 7335. 2300-2400 NAM 11695, SAM 15360. 0000-0030 W&SAM 11695. 0030-0115 EG NAM 11695, SAM 15360 (BRT) Note the scheduled use of 15360 17600 on Suns only (gh) I don't get this (Andy Reid, Ont) RTBF hrd on 17595 to 1210\*; previously had not shared any fqs w/BRT (Jonathan Marks, RNMM 9/9) DT above u.o.s. (gh)

**IDA** In case you hadn't noticed, as I had not till recently, there is a SW stn here called in WRTH:82: Bermuda Govt Emergency BCing Facility, 50 watts on 1610 kHz, operating during any civil, electrical or meteorological emergency. Might well have been active during recent hurricane; east coasters who can null out TIS & Anguilla, or late at night when they're off, should check for this! (gh)

**IN** NYAB untraced on 4620v despite chex almost every Wed/Fri eves. (Sarath Weerakoon, Lanka, Aug UADK) Same here, nothing on 4620 or ± 100 kHz (Victor Goonetilleke, ibid.)

**ILA** Final amendments to list in Sept LN, based on monitoring thru 4/9: 3885, R Liberia, in Entre Rios, Dpto Tarija, not Reyes. 2300-0230 new sked ex-0130\*, Mon-Sat only. R Comarapa, obs 2300-0240; unsure if nom 0300\* or 0230\*; nom fq 3958. 4472/4478/R Movima nom fq is 4835. 4755; R Em Boitvia, Oruro, nom sked believed 0900-0400 some variation in s/off time; nom fq 4760 but use of 4755 is deliberate. 4775, R Los Reyes, Tarija, sked varies but always \*1100; nom sked believed 1100-0300 (Sun 1100-2400). R Nacional, La Paz, nom fq is 4815. 4833, R Grigotá, JP pgms no longer hrd; GM may have dropped to the reception difficult; then 4865 R Patitá; 1100-? and tent 2130-0200. R La Cruz del Sur, 0920-1230 Mon-Sat; 2200-0100 Mon-Fri; Sun 0920-1400. 4886/17x, Santa Ana, "LV de Yacuma", 1200-? & 2300-0200 daily, sometimes extended to 0215 or 0230. R Antmas, Chocaya, recently reactivated, full sked not yet monitored. 5020, R Dos Enebrero, Rurrenabaque thought to be active, tho too much QRM to be absolutely sure. R San José, San José de Chiquitos, 1130-1700v & 2200-0200 (Sun 1130-1600v). 5862, R Torcoro recently reactivated and reception difficult, but hrd once to 0200\*, nom 5870, R Pío Doce, 1100-1300 & 1500-? (Sun continuous 1100-1600+); nom. 5955. 5974, R Nari, Cochabamba, \*1000 (tho earlier on MW) past 1700 when reception rarely possible; never before 1200 unless spl sports event; 5975 nom. 6105, R Panamericana, La Paz, 1100-0030 (sometimes also 0130-0430); Sat 1030-2400; Sun 1100-2300. 6192, R Sténtor, La Paz 1000-2230 daily, sometimes extended for important sports events (Tony Jones, Para- R Sténtor, 6195 has new 10 kW xmtr; R 23 de Marzo, 4638, best at 0200-0300\* may be illegal on SW. Latiprens owns R Progreso, 6005--very pro, wide pgm variety, anmcs as "primera emisorora trilingüe del país"--SP, Quechua, Aymara. In May 1978 it reached agreement w/univ, resumed SWBC 6/79 despite govt opposition; soon forced off air un-

till 1982. R Plo Doce, 5954 is at largest SAM tin mine in Siglo Veinte, run by Roman catholic church; some ancrs were injured by military when forcibly entering stn, closing it 13/1/75 and again 24/7/80. 10/75 authorized to return but did not do so till much later. The 2nd time, it was off the air 2 yrs. (Tony Jones, RNNN 9/9) R Panamericana puts really strong sig into NZ on 6105, \*1025v1030--first 25-30 mins are 'Boliwia en Antena', mx travelog intended for SS listeners abroad, hard to believe only 7 1/2 kW as sig rivals HCJB on 6130; time chex often few mins fast. R Illimani, 6025 & 4945 acknowledges letters from domestic & foreign listeners Suns 1100; daily 1000-1100 nice Altiplano mx (Barry Hartley, NZ, RIB) R Padilla, 3480: Gerente is Srta. Amanda Paredes; sked 2300-0200 (stn via WRTH-LA 15/8) R San Miguel de Riberalta, 3310, 25/7 2320-0045 (R Cotroneo, Italy, Play-DK) un-ID 5870 10/7 0500 ID-as R Junin de los Andes, SP mx, what's this? Poor (P L Calligaro, U-dine, Italy, Play-DK) See Corocoro above? (gh) Per R Panamericana 26/8, Combol (the Mining Corp of Bolivia) said 5 stns closed 7/80'd resume by monthend; certain others had already done so. Others to resume futerely were R LV del Minero, Siglo Veinte; R San José, Oruro; R Vanguardia, Coiquiri; R Nacional, Huanuni; R 21 de Diciembre, Catavi; resumption of being subject to importation of eqp. R Sténtor, La Paz, obs during last complete week in Aug on 6195 (WBI 2/9) R Sténtor, La Paz, reactivated on SW, first hrd on 6185 (ex-6095) but 6195 ancd and after several days there they realized error and moved to 6195; \*1000-0400\*, w/Aymara pgm 1000-1130. This indicates R Cristal, La Paz, which had used 6195, has left it for 5005 only (Povrženic, LA-DX Sept) R Riberalta reported by Cushman on 4710, but hrd here invariably on 4697, e.g. 7/8 0235. Rdifs Cristal, La Paz, reactivated on 5005 25/7 0200 ID, Classical mx, had not been hrd since 8/81; but more recently inactive again (ibid.) R Grigotá, 4832, has Guarani pgm Tues 0030 produced by Bolivian Baptist Church; JP pgm now irr. Suns 2300, last hrd 12/7 (Povrženic, LADXR) R Sarandía on 4885, a comm [sic--communist? community? commercial? communication?] & cooperativist stn, sked Mon-Sat 1000-0300, Sun 1200-1800. Addr Plaza 12 de Julio, Acera Este, Plana Alta, Edif. "Coopetrol Ltda" Camiri; phone 248 (Diexisimo via RP/TH, LADXR) R Juan XXIII, 4965, now 3 kW ex-1 kW, 0930-140 & 1900-0030. R Indomérica, Potosí, 6175 now 10 P kW ex-1 kW, 0900-0400. Plans to be on 12mi. R Abaroa, 4730v (ex 4711, nom 4760) now 0.5 kW ex-1 kW, new addr: Calle Gonzalo Salvatierra, Riberalta, Beni; sked 1000-0430. R San José, now 0.5 kW ex-0.15 kW, correct addr: Casilla 15, San José de Chiquitos; 1100-0230. R Patriti, 4865, now 5 kW ex-1 kW, 1000-0300. R San Miguel, 3310, 1015-1630 & 2030-0200. R Florida, 3370, CP209 ex-CP120, 1 kW ex-0.25, addr Casilla 3789, Samaipata. (LANL via E LADXR) R Illimani now has pgs in EG & GM, on 4945/6025; first hrd in EG 26/8 0010, ancd as spl pgm abt Bol stns in near future; GM was hrd 28/8 0110, "Boliwia al Día" (Povrženic, LADXR)

**BRAZIL** R Dif de Franca, 20/7 0150-0251\* on 2980, 2 x 1490, stronger than last year, nice H ID at closedown. R Educadora [tho listed as Emissora] de Botucatu, 20/7 0150-0300\* on 3080, 2 x 1540 (Stefan Bursell, Sweden, DSWCI) R Nacional de Brazil, Radiobrás International Svc, PT nx pgm is "Brazilian Reporter", prepared by Ministry of External Relations, 0145-0200 C&NAm 17830 15290, 1800-1815 Eu 17805 15125, 2045-2100 Af/Eu/SAs 15280, 2345-2400 C&NAm 9665 (WBI 26/8) Followed by hour-long pgms in EG, EG, PT, SP resp (gh) RNB 11/9 w/spurs from 17830 at 0240: 17915 17745 17995 17665 17495 18075, v distorted w/popping & crackling, for a few minutes only; strangely, mod peaks marked 5-meter dips (Mitch Sams, Q AR, Ozark Mtn DX Club) RNac letter says unable verify RN Amazônia 11780 15445 reports, due to huge mail load of 30000+ letters monthly from internal & external listeners (Arthur Cushman, NZ, NZDKT Aug) R Liberal, Belém, is activated on 3325, v poorly hrd here; TBS said would begin opn in 1982 (Rolf Løvström, Oslo, Norway, 27/8) Time? (gh) R Clube, Rondonópolis on 4955 ex-2480. R Clube de Conquista 0800-0300 (Cláudio R Moraes, Brazil, WRTH-LA) On 3335 ex-3385 ('0A', ibid.) R Educ 6 de Agosto, Xapuri on 3405v ex-3440 (SWB via WRTH-LA) Following stns in WRTH 82 are still Futuze Plans (i.e. not operating): 997) 2470, 995) 3315, 1000) 3325, 995) 4835, 9) 4875, 274) 6080, 57) 6080, 1007) 6085, 188) 6100, 1007) 6125, 274) 9520, 57) 9520, 57) 11705, 274) 11895, 440) 11905 (Sept WRTH Newsletter, hereafter NL, which also includes a too-numerical SW sked update I am loath to retype -gh) R Capital (ex R Industrial), Juiz de Fora MG director informs in QSL letter that xmtr in 3355 is temporarily inactive for repair; soon will be back & 24h (Antônio R da Motta, SP, Brasil, Sept LADXR) R Record, SP, reactivated 15135 (Povrženic, Argentina, ibid.) R Universitária de Guarulhos says will begin xmsns on 92m by 1983, motto "Um mundo musical suave para sua vida agitada" [i.e. EZ-listening] (Diexisimo via Tetsuya Hirahara, ibid.) 92m indicates 3225-3260 range (Povrženic, ibid.) R Soc. Triângulo Mineiro, Uberaba MG, reactivated, 4965 2/8 0830 ID, not hrd since 2/81 (ibid.) R Dourados, 3375, 1/7 0600\*, so new sked 0800-0600, slogan "emissora líder no sul Mato Grosso". R Globo, São Paulo, (ex-R Nac/Excelsior), on 6125, 10/6 0915 ads, jingle, mx (Povrženic, LADXR)

**BULGARIA** R Sofia ES in FR Af 0500-0600 hrd on 15110 but anncs 15310 11880 (WBI 2/9)

**CANBODIA** The SW fqs have been fairly stable for some time now (Victor Goonetilleke, Aug UADX) WOPK on 7356v 18/8 1235 w/lugubrious vocals by chanteuse; modest strength & rough, slightly-distorted audio; //6090 stronger but uncoppyable till Australia 1400\*; both outlets 1410\*. More recently found drifting around 7379. Point to ponder: if you enter into regular correspondence w/stn, do you become Penh Pals? (Bob Hill, Mtn View CA, 31/8) I am not aware of any such phenomenon (gh)

**CANADA** RCI to be relayed from Switzerland? qv! (gh) RCI 582 EG changes: Mon-Fri Af 0615-0630 & 0645-0700 Daventry 15265 ex-15235; drop Sackville 9590. NAM Sun 1300-1600 drop

9575 [15240 also missing lately leaving 17820 11955 +NS]. Eu 1537-1545 & 1645-1700 add 21695. 1900 Daventry 5995 ex-9555. 2000 D5995 ex-7295 & 9555. 2200 Mon-Fri D-6000 ex-7295 (RCI SWL Digest 28/8) Beam headings for NAM EG bcs S82: 5960 268° 2200-2400, 240° 0000-0030 & 0100-0130; 268° 0200-0230 & 0300-0330. 9650 M-F 1200-1220 240°. 11845 240° 0200-0230 & 0300-0330. 11940 285° 0300-0330. 11955 285° M-F 1200-1220 & Sun 1300-1600. [Carib:] 15440 & 17820 176° M-F 1200-1220 & Sun 1300-1600; all 250 kW. Only 50 kW RCI xmsn now is 6045 M-F 0600-0700 Af. But N Quebec svc all 50 kW, 348p: 1058-1259½ 9625 6065, 1300-2229½ T 11720 9625, 2230-0509 9625 6195; from 31/10 w/std time, NS sked & fq switch times all one P hour later. RCI from 31/10 drops 0000 xmsn, adds 0400 [and presumably GMT Mon SWL Digest X will switch to 01 & 04, mailbag 02 & 03], fqs same and 0400 on 11845 9535 5960. M-F 1200 moves to 1300; Sun 1300 moves to 1400, same fqs but D82 starting 7/11 might bring changes. Ditto the 2200-2400 becomes 2300-0100, but the M-F 2200-2300 to Eu does not change time (gh) CBC had lots of Aussie angles on its various domestic pgms week before Commonwealth L Games began. Oct also brings new season instead of summer reruns for Nightfall, Fri 2330-2400 on 9755 5960: 8/10 "Footsteps" by Larry Leclair--borderline between life & death following traffic accident [that sounds like a previous plot...]; and new Royal Canadian Air Farce season from 2/10, Sats 1435-1459 on NS 11720 9625 (Radio Guide) RCI Mailbag offers an RCI poster to all those whose questions are used on the air, "while supplies last", as anecd on NAM svc; don't know if also applies to other services (Bruce Tindall, NC, 15/9) M CFPV: 6030, Calgary underwent recent changes, per QSL. Both MW & SW xmters at new site, 7 mt SE, replacing Midnapore, few mi S, as from fall 1982. In spring 1982, the old hand-built tube type xmtir was retired and a new solid state LPB 100 W took over CFPV duties. Simulcasts CFCN AM, 12.3m quarter wave antenna; tho in past tense this may be advance publicity blurb and change not yet made (Geoff Cosier, DX-Australia) Directionality? (gh) Sept DX Ontario has 5-page illustrated article on CFRX: MW & SW xmtir site is on Royal Windsor Dr just W of South Down Rd in Mississauga, 30 km from downtown Toronto. CFRX antenna is simple 2-element ½-wave vertical array--two aluminum masts 12m high w/sig fed to both so radiation is strongest toward north; also several hundred feet of wire buried under M masts for ground plane; estimated gain 3 to 5 db (ODKA) CRLW 800 Windsor Ont, 50 kW, star S ted AM stereo the early morning of 10/9 (John Kokinda, Marblehead OH) more AM stereo, USA

CAPE VERDE [Cf Sept LN-30] Beginning w/expansion of that report: Tentative: 12/8 hrd stn on 7155 0810 tune/in; pop vocals, fado flavor, M w/amts in PT; 0830 guitar background for echo -ant: à la Brasil; cut carrier 0903. Absolutely in clear throat, quite good strength, but w/vy low speech audio; has not been on since that one night [as of 21/8]. 7155 is ex-fq for V de São Vicente, and everything else--sked, propagation, fade pattern, lang, pgm, also suggest Cape Verde; can ANZERS or Jerry Berg confirm? Again 1/9 0740-0800+ on 7155. two gongs & ant 0759 but too much QRN (Bob Hill, CA) Also taped the fq here one morn around 0730-0800 but nothing there (gh) Emissora Oficial da República de Cabo Verde hrd on 7155 1/9 \*0729 w/IS on violin, not guitar, 0730 NA & ID, half hour mx to 0800 gong, ID, TC in GMT-1, mx w/lottery winners (Gerry Bishop, Christiana PA) And tnx for tape, hrd by all via World of Radio. Opening ID has some addl words I couldn't make out, but unseems M 'São Vicente' or 'Práia', location of two known stns. Only gives 200m/1500 kHz MW [which would be split fq under Region 1 plan,] and 98 MHz FM, which w/sked resembles Práia listing in WRTH more than S.V. Also had plans for new (MW) stns on other islands... (gh)

CHAD As of 6/82: N'djamena AM & FM ancs 60mb but that to be reactivated when techs have repaired: 100 kW xmtir and N/S log periodic ant; fqs expected to be the old ones of 4904½ and M daytime 7120. MW sked 0530-0730, 0900-1300, 1600-2030; FR mx 0600, 1200, 1900. A possible DX catch is R Moundou, using 5 kW xmtir with a standby xmtir taken from the deserted US Embassy in N'djamena; on 5286 (ex-5100), ant beamed on N'djamena, power well below nom 5 kW due to spare part shortage, 0500-0800, 1500-1900; FR mx 0545 & 1700 (A Sommerfeld, NL)

CHINA 10865 feeder logged at last 1055 ending (listed) Cantonese, weak w/hvy flutter. 1100 rising in lvl, went to Esperanto // 15100 9860 w/RB's EIR and I suppose IDs, but not mx, just short mx and two long actualities of EP speech to audience w/applause & interspersed reMark by M & W in studio. 1125\* -- my first hearing of Esperanto. Hmm, RB feeders always seem standard AM, DSB & full carrier; that 11660 RB EG I reported earlier; dunno, but 11660 CFL#5ed as RB feeder... (Dave Newkirk, Seattle WA 29/8) Urumqi, 4735, 6/8 2355-0025, unusual CAs opening in Aug: Repetitive string mx, clear ID by woman 2359½ w/ment of Xinjiang. 6 pips -- last higher, into Mong-sounding mx; listed lang Uighur (Steve R Reinstein, FL, OMDC) FFBS-1, 1800-2100 vy weak on 4980, 2 x 2490 (DUDXS) R Peking October L pgm hillites--full listing in RIB--5/10 pagodas, 16/10 "The Great Wall Capriccio" mx, 22/10 giant panda camer, 31/10 science fiction, railways, age & maker of Great Wall (gh)

COLOMBIA LV de los Centauros hrd 27/7 2335 on 6188, 7, ID taped; new fq or relay by LV de Cali, nom 6190? Fair (R Gotroneo, Italy, Play-DX) Caracol Neiva, 4945, 0400-1230 & 2145-2230 hours audible in Australia; Colossal ID no longer hrd. (DUDXS) R Neiva, hrd once on H 4520, 4 x 1130 at 1010-1115 (Chris Rogers, Victoria, DUDXS Aug) Em Meridiano Setenta, 9/11 0220 on 14775, 3 x 4925 where also hrd (Mitch Sams, AR, OMDC) Ondas del Darién, 6085, per QSL has 2 kW at 1100-0500 daily (Don Moore, Sta Bárbara, Honduras) "Super" ballad, fanfare ID 1100 on 5215 13/8; assume feeder, no stn ID noted (Steve Reinstein, FL, DKSF) Ondas del Ortegaza, 4975 reactivated after lengthy inactive spell, hrd well o/ute 26/7 1026 (Terry L Krueger, FL, DKSF) Had not been reported since 7/81; 12/8 1030 Amanecer Campesino (Emilio Pedro Povrznic, Argentina, LADX) Rdif Nacional \*1100 on 1179½ 7/8 giving fqs 4855,



5985 6030 9635 15335, but not 11795! which was the only fq hrd (ibid.) Down to 11792 when I checked 16/9 c 1900. Add another: 17866.5 SSB, first noted 12/9 0030 w/talk on Shakespeare, Siglo XVI, //15332.8; 0059 ID for 570 only w/gongs; also 12/9 2308 past 0230 13/9; still there 0000 17/9, vy strong; also audible much earlier in day but QRM much heavier. Could vanish as suddenly as it appeared; quite listenable in evenings (gh) Gone 20/9+

**COMORO ISLANDS** R Comoro, 3331 21/8 under CHU w/het; only able to make out bits of pgm un-til 0334, when mx audible; ID 0340 hrd as "Ra-DEE-o Comoro"; hung in until 0354, then faded away (Gerry Bishop, PA) Tentative, 3327, 0320 singing, FR talks, birdchrip in background, RTTY QRM to 0331, stopping just seconds after ID, 4/9 (Johnny Denham, Boaz AL, OMDC) Watch out for R Maya, 3325 which bleeds thru the RTTY and at times sounds very exotic; IF definite on the FR also could be Rwanda? (Mitch Sams, OMDX Ed.)

**COSTA RICA** R Relej was back on 4832 12/9 0519 saying that 14/9 at 6 pm all R & TV stns would play NA simultaneously in a "somos libres" celebration; accompanied by surf noise--STL problem?--which vanished 0520; // 6006. 13/9 at 0245, happened to hear R Quince de Septiembre say that CR threatens to set up a powerful [MW?] stn which would cover all of M Nicaragua in retaliation for Nic bc incursions into CR airspace (gh)

**CUBA** RHC, 11725, EG 0236 w/slow speed nx' due to problems w/tape machine; didn't know mx E was taped (Leroy Fields, Chicago, CADX Probe 20/8) RHC ES in SP to Ams reverted to regular pattern 20/8 after end of Cam & Carib Games (WBI 2/9) 9470, RHC 2245 3/9 huge signal //weaker 9685; also // 9525 at 0330. Sounded intentional instead of spur (Mitch Sams, AR, OMDC) 9470 also here 4/9 0555-0559\* in SP, s/off till 6am EST; not hrd on 9525 or 9550. A few mins earlier, normal SP fq 6060 hrd 0530-0545\* closing EG ancing 25m only where not hrd; 11/9 1215-1300\* and back on a few mins later using 88524, strong // 9550; nothing on 10247½ and not hrd next day or since (gh) RHC SP 29/8 1608 on 15976 AM, another tech foul-up or my rx fault? Another carrier went on and off on top of this, but nothing hrd on it H (Mike MacCollum, IN) R Rebelde hrd 24/8 1120 on 11400, 19 x 600 w/usual pgm, also noted on 10800, 18th harmonic (David Crawford, FL, DXSF) FCC has cabled Cuba asking it to stop M QRMing 10 MHz (RNNM 26/8) Drawing much media attn, even an ABC Nightline report, was the GMT 31/8 activation of several high power xmtrs on MW QRMing US stns, but as of 18/9 with no repeat performance; widely assumed to be a warning of what Cuba would do should R Marti [qv] be built. Out for the evening, I only caught the EG s/off of Voice of Cuba + NA on 1160 at 0300; quickly dialscanned and found 600 //during NA so assumed it EG too. Press reports were contradictory about lang used on other FCC Ft Lauderdale reported fqs of 570 650 670 1040 1380 which along w/1160 were allegedly announced, fq amnts being something VOC in SP or EG had never done before to my knowledge. FCC missed 600, but WSUN-620 that it was there too during its xmtr failure. Running a call-in pgm anyway, WHO got lots of complaints about CubaRM, including one from Artie Bigley, Houston TX who referred WHO to me, and I referred them to FCC-Ft L for 'official' confirmation. Tnx to everybody who sent press reports about this; some of which misidentified 570 & 1380 as 'clear channels' like the others, a mistake perpetuated by RNNM's NY correspondent (gh) Oh yes, the addr of Voice of Cuba ancd at s/off was not the old Box 6017 one used in last year's post-mid-T night bcs, but 2353 (gh) Cuba begins DST on 10/10 (WRTN-NL) Certainly not; it's in the northern hemisphere; might well be the date it ends; has been on GMT-4 (gh)

**CZECHOSLOVAKIA** R Prague, 9630 0105 18/8--both they and Spain in EG to Am, ruining each E other (Chuck Oliver, Spring TX) But 9630 is an old Prague fq, formerly not much trouble w/low power xmtr (gh) PT 2230-2300 on addl channels 17840 17815; all xmtns 2300-0500 on 11970 & 9630 as well as 11990 9540 7345 5930 (WBI 2/9) R Prague ancd 17/8 that two 250 kW xmtrs were completed in Slovakia especially for ENAM, Mex, NWSAM. Needed like a hole J in the head: 9630 SFR, 11970 jammed (Andy Reid, Peterborough Ont) J serves 'em right (gh)

**CHILE** R Nacional, always on 6150 9550 15150 but sometimes on 6150 9510 15140 (Povrzenic, LADXR) CB114 added new 6070 for MW relay, hrd 0300 (Carlos Lerner, Argentina, Signal Aug) T Chile, including Easter Island, begins DST 10/10 (NL)

**DENMARK** R Denmark S82 sked in Danish says there is continuing disharmony on placement of 500 kW SW xmtrs. PO prefers Buksør Odde on Mors island, but nature conservancy opposes and five alternates are under consideration, all approved by N.C. But all would entail delays and higher costs, and most would require lower power. Confirms the new xmtr which came on in May has had problems requiring return to 15165 and sometimes use of 3120 antenna only; so try 15165 if inaudible on sked fqs (Richard E Wood, St Louis MO)

**DOMINICAN REPUBLIC** R San Cristóbal is officially on 6160, 2400 with 250 watts (NL) R Clarín active again on 11700, 15/9 0100 SP nx (Richard E Wood, MO)

**ECUADOR** LV de los Caras, 4795, 22/8 0258 young girl w/EG ID, first ever hrd from them, E then back to SP (Jack Jones, MS) R Popular, Cuenca, 4800, sometimes 24h, hrd here in 0445-1200 period, other days off altogether (DUDXS, Australia) R Quito, 4920, reactivated 18/8 0315 ID, tangos; not reported since 12/81 (E P Povrzenic, LADX) In connection with its M Training Service, R Nederland helped Escuelas Radiofónicas Populares, Riobamba, put a new MW xmtr on the air 26/9/81; also on SW & FM, 1000-0300; main coverage area of 60km radius X (RN Perspectiva 2000 pgm via LADX) DK Party Line host Roger Stubbe indicates that Clayton Howard, now back in Ecuador, will resume playing a part in the pgm (gh) HCJB mixing product found on 14835 at 1227 7/9, 1230 ID. Was hoping for a 60m harmonic; this is 280 kHz mix of 15115/15395--latter audio dom (gh) ERP finally on 5015v 18/9 1022-1100 ex-3985? (Whit)

**EGYPT** R Cairo EG // 9475 25/8 0255 fair on 10065 (David Crawford, FL, DXSF) Explanation: E mixing product w/9770, at 295 kHz separation like HCJB above (gh) Cairo 15375 EG 2030-2200

w/REE Canary Islands (A Cushen, NZDXT Aug) As I recall, BBCMS has always had difficulty confirming this xmsn, same problem in NAM; but I thought REE was on 15365 (gh) V of 9695 2330-2332\* in AR 27/8, mixing with another Arab (A Groppazzi, Trieste, PlayDX) **AND ISLANDS ARGENTINA** [sic] The EG speaking stn being from Islas Malvinas added a fq // 2370; the FIBS or R Islas Malvinas now on 3958, hrd 25/8 by Luis St Germain of and by me 27/8; now very easy to hear stn (Emilio Pedro Povrženic, Villa Diego, Argentina, LADXr) 3958 of course the old fq of FIBS before they moved to 2370 years ago. And that 3958 is also the nom fq but not actual one of a current Bolivian stn (gh) 3958 mentd in 1975 WRTH; MW ant was damaged so 536 may be off air or reduced power, but also have FM now; BFBS staff has arrived and is producing pgms there amounting to 15 hours per day (Andy Sennitt, Denmark, RNMN 16/9) Expanded sked ought to facilitate on 2370, but 3958 certainly no prize in NAM w/bc & ham QRM (gh) FIBS presumed the EG stn on 2370 0000 6/9, apparently returned to full power (C M Stanbury II, Ont, Carrier on 2370, nothing definite; seemed to flicker w/a bit of audio 30/8 0128; aming 150' longwire to help; could also be harmonic, new stn, or new fq for somebody; is strongest when 2380-Limeira is hrd, however (Gerry Bishop, Christiana PA) VEC, & Wireless Ltd, back to normal opn now w/tfc to London, ocl voice mirror, gd level 8/8 on 19950, 1240-1445; after 1537 much better sig, excellent level on 24145 (Dawford, FL, DXSF)

**R Finland S82 EG** as amended for timechange 26/9: NAM Mon-Sat 1200-1225 & 1300-1325 21475; 1400-1425 15400. Sun 1330-1525 21475 15400. On the last Mon of each month, not available due to maintenance. ME same xmsns off the back, all beamed 305°. Eu 0930-0955 15265 11755 6120, 1930-1955 11835 15265; Sun 0800-0925 15265. The 1400-xmsn Mon-Sat also on 25950, 240° for WAF/SAM. Af 1930-1955 11835 daily. FE/As/Au, Sun 0800-0955 on 21465 except on last Mon (R Finland) 17800 dropped after 25/9

RFI S82 fq sked neglects to show retiming of EG from 1600-1700 to 1700-1800 as from but this seems likely and is implied in pgm sked section. Af svc fqs during later are: 21620 21580 21525 17850 17795 17620 15360 15200 11705 (via Kraig W Krist) As as 11/9, France-Inter relay on RFI 21620 hrd 1404 ending brief EG nx capsule, more to "9 am tomorrow" (gh) RFI bc in FR to Antarctica on Mondays confirmed on 11880, 0800- (WBI 2/9) Last time I hrd this they said something about being back on Friday too(gh) hrd on 4824 1/7 0455 w/pgm in IT for workers, 4 x 1206, fair (C. Dondi, Play-DX, Italy) Africa Number One sked changes: 2 new fqs 9705 & 9710 \*0500 // 11940. 4810 not audible due poor condx, but if on would be first time ANO using all four 500 kW xmtrs at once new pgm. 0600 11940 replaced by 15200; all vy strong, FR (Craig Seager, NSW, RA DX 15/10 on 4800 ex-4812, FR to 2200\* (Bob Padula, Vic, RA DX 29/8) Don't confuse w/Lesoto ANO on 11800 //4810 often around 2100, G-VG (C Dondi, Play-DX, Italy, 6/9) At 1700-9710 sometimes replaces 4811. Testing new 17855 from 0700 (Richard Glnbey, RSA, RNMN ANO on 15205 18/7 1545-1600, F ads. Has plans for EG pgm to Nigeria soon; now employs people in Libreville, estimated audience from recent poll is 4.5 million from Dakar to Gambia (Jean Yves Camus, Gambia, DSWCI) Speaking of which,

In April, Ron Gretz of Fayetteville AR wrote to R Gambia inquiring if they were testing on 4820; a reply dated 5/8 was headed "Verification of Reception Report" tho had been sent. A key sentence, "It is true that, our Radio Station operated on a frequency of 4820 KHZ," is rendered meaningless by the strikeover as shown above making unclear whether the tense is past or present. The signer looks like "A. Gurbake" but really legible, "for: Director of Inf. & Broadcasting". Ron also forwards a copy of booklet about R Gambia which includes full pgm sked and considerable detail but no men- of any fqs but AM & FM (gh) My roommate Bob Underdown, Mitch Sams and I have agreed the result of the letter should be that the stn needs more looking into because of conflicting info w/that received by Rolf Lövström (Ron Gretz, AR) Dear Friends at NAS- and enemies, hi!), I have been painstakingly reviewing my 3/2 tape of my reported R 1, Senegambia, hrd on 4821; also reviewing bits & pieces of fascinating 'teaser' on ± 1, sometimes marginally audible 0600-0730 fading. It would be easy to say how I was and make my humble apologies and to promise to be less "quick-triggered" en- iastic and to be a more precisely dedicated DXer in the future. And in fact I do pro- this! but I can not, in the interest of DXing, trash my logging "en todo". What I on my 3/2 tape is 1) African, 2) not Mauritania!, 3) the ID in part repeatedly re- to (X)ambia, and I feel this is in fact probably the word "Gambia"--but there is no- nence to Senegambia and on this I was making a 'quick-trigger' assumption. So what on? This I leave to all DXers hustling for a major challenge. I am thinking it is- bly an illegal--the rebel Gambians? Only an hypothesis, but this, I believe is a hot- and yes, I still hear "Radio Banjul" IDs, I feel most strongly. Right now I suspect and 4828± are the same, as just when the 4821 carrier vanished, up popped this other coincidence? Perhaps. Much grist to remonitor on my tapes, like "This is R. Kajam- " hrd on 4828. I suggest someone with a yacht go to the west coast of Africa and turn (Hi) (W Maxfield Greenwood, Sedgwick ME) WBI 2/9 sked shows 648 only, no FM/SW (gh) **LAN SSR** Tbilisi 0011-0030 13/8 on 4930, opera w/soprano; 0029 Mayak IS. Soviet DX- Olle Alm in Sweden wrote me several months ago that Tbilisi much more likely site than Ashkhabad (Steve Reinstein, FL, DXSF)

**NY EAST** Since RFI introed new NAM xmsn during summer at 2315, DST shift 26/9 should at at 0015, along with 0100, 0230, 0330 in EG (gh) Continuous Stimme der DDR is on SW

9730 at 2315-0430, 7185 at unknown hours, 6115 at 2300-1615 (WBL 2/9) 9730 no ES? (gh)  
GERMANY WEST DLF on 9875 LSB \*0530 CS, 0600 PL 7/8, presumed feeds to Sines; IDs in GM as  
X "DW, Programm DLF" (Matthew Francis, Tasmania, AIDN) DW SP DK pgm on Suns somewhere around  
2330 on 6100 6145 9545 9700 11785 11810 11865 15105 17720; GMT Mon-around 0230 on 6100  
9640 9700 11785 11865 11965 (undatad sked via Dale Park, HI, RIB; fqs from Sept Program)  
See Malta, relay closed affecting some of these fqs which might however be replaced from  
other sites mainly Germany (gh)

GREECE VOG on new 15050 \*2100 5/9 (Jack Jones, MS) EG nx 1915-1925 7/9 15050, E, then FR  
E (R Horvitz, RI) 8/9 2126 on 15055, poor (Michelle Shute, Jacksonville FL) 7/9 2130 GK mx  
on 15050 (Chuck Bolland, FL) Full S82 VOG sked via George Poppin, CA, reveals that stn  
is now operating entirely out of band--the first multi-fq western stn to do so, I think.  
Active fqs are 17555, 15595; 15050, 11645, 9865, 7095, the latter at 0400-0615 only.  
15595 still sked only for NAM 0000-0350 // 11645 9865, and at 1400-1450 to "Taskend" [thc  
se familiar with modern Greek orthography will understand this spelling], separate pgm  
from simultaneous GK/AR one to Arabia/IndOc on 17555 & 15050 (contrary to what I said on  
RGI 18-19/9). 15050 used for all xmns 0800/2350, mostly 100 kW but 250 kW at 1400-1450,  
1800/2050. 5/9 1755 GK mx hrd on 15019, weaker //15030 in by 1825, replacing 15045/50 for  
obvious reasons; 14/9 1920 check they were on 15016 & 15030 (gh) unID Arabian mx on 15030  
but w/C&W flair, 2100 nx 5/9, "Kukatan(ep?) Radio" (Chuck Bolland, FL) These bcs from  
Thessaloniki are regular ERT ES; GK pgms of VOG usually consist or relays of Radiofonikos  
Stathmós Makedonías, Thess., of the 1st and 2nd pgms from Athens, and recorded programs  
from all 3 svcs, so it's possible to hear a number of diff IDs, such as "Proto Programa",  
"Deftero Programa" or the above one (Alexander Koutamanis, Greece, SCDX 10/8) Yes, they  
also show in ERT sked, retimed an hour later from 26/9 to Sun 0600-0830 9815 1150, 9855  
315° [to Eu/NAM]; daily 1000-1730 on same; 1800-2215 on 15035 [sic] 1150, 15020 [sic] at  
315°. These two xmtrs are 35 kW [favorite old power of VOA]. So VOG helps fill up the  
poor 15 MHz aero band, encroaches on hamband, and goes beyond new limits of expanded SWBC  
bands into purely fixed territory (gh)

GUAM KTRW DX Listeners Log S82 now Sats 0900 11840, Sats ex-Sun 1445 11920, Sats 1530  
X 9505 ex-9535 (Joel Rubin, CA) JP version of DK pgm at 1030 11765, 1300 15110 every Sat.  
Q Produced by Mr Shushi Kondo in Guam; sp1 QSL card available (KTRW 7/8 via NZDKT) From 5/9  
E KTRW has new EG-svc Sat & Sun 0745-0900 on 17855; reports wanted (David Newell, Alok Das  
Gupta, Don Rhodes, AIDN) Other EG retimed to: 1400-1430, 1500-1600 on 9505 (David Newell,  
KTRW via SDC & via RA CK 29/8) KTRW S 82 fq usage registered as: 9505 1357-1600, 9535 at  
1457-1600, 9590 1057-1257, 9600 1457-1600, 9720 2257-2400, 11735 0815-1457, 11765 1027-  
1257, 11840 0740-1027, 1257-1357, 2055-2157; 11920 1427-1600, 15110 1257-1427, 15135 2155-  
2257, 15240 0857-1057, 15265 2225-2435, 15350 0815-1457, 17705 2155-2400, 17770 2157-0035,  
17795 0740-0857 (NL) /see COMORO ISLES

GUATEMALA LV de Guatemala, 6180, E as usual 2105 24/8; 2122 ancd would s/off SW. After a  
M few mins OG began relaying R Mundial 700 kHz, don't know for how long (Don Moore, Hondur-  
ras) Inadvertent STL misfeed? (gh) 3360 stn sked 1130-1400 & 2100-0230; 3380 1000-1500 (NL)

GUYANA FRENCH FR3, 3385 22/8 real Sat nite hoe-down (Guiana style), think pgm called "Af-  
rique Tropicale"; really getting with it. S/off, La Marseillaise, guitar IS to 0300\*  
tone on carrier til 0303; SIO 443 (Jack Jones, Jackson MS) Also here sometimes VG sigs (gh)

HAITI [Cf Sept LN] R Citadelle reactivated on 6155, 31/7 2340 mx; 2358 & 2400 IDs in FR/  
Creole; slight QRM de perpetual het, F-G (W J Parks, FL, DXSF) 6155, 0929 band-symphony  
mx, one or two anmts w/terrible echo chamber effect; 'normal' ID 1002, then "Happy Birth-  
day" tune and EZL mx, stronger than when on 6156 some yrs back; 15/8 (Jack Jones, MS)

HONDURAS unID stn on 6000, 31/8 but not since, 0310-0402. "Desde Tegucigalpa... Cadena Ze-  
ta(?)... RC Uno" Also ments S Pedro Sula. Slick pgming, many ads, TCs, Lam & US pop mx,  
fast-talking ancr & QRM VOA 5995; hence no ID; thot once hrd "Radiopolis" & "Baridale(?)",  
SIO 412. NA after closing anmts; mentd 49m SW. Maybe old R Swan xmtr? (Jack Jones, MS) I  
visited Teguci recently & HRN; 5875 xmtr off to save money, unneeded for domestic coverage  
E but kept on standby for emergency. Also visited HRVC, who told me EG cut back to one hour  
Q a week, GMT Mon; all EG & most SP pgms are prerecorded; reports should include 3 IRCs or  
mint stamps (Don Moore, Honduras) Checked 4820 13/9 Mon 0307, and there was Billy Graham  
in EG mixed w/more annoying noise--badly mistuned STL?--worse on USB side (gh) Cf Mar LN,  
the not-so-efficient Hond military recently reported to have captured another clandestine  
C in El Progreso, before it had gone on the air, yet Quince de Sept has operated freely in  
Hond for over a year. Growing US military presence is obvious here (Don Moore) more, RIB

U HONG KONG C&W Ltd, 24/8 1130 on 13944 USB w/voice mirror in EG by YL (Crawford, FL, DXSF)

HUNGARY From 26/9 all R Budapest xmns one hour later, so NAM EG'd be: daily 0300-0330,  
X Tue-Sun 0200-0230, Wed & Sat 0400-0412 (DX pgm), Mon 0400-0430, Wed & Sat 0130-0200; fqs  
E 17710 15220 11910 9835 9585 but only 6000 likely to change; 9585 best lately, 9835 worst  
T w/heavily distorted audio (gh)

INDIA 29/7 surprised to hear strong het on Singapore 5052 from subcont stn 5050, 1300 ID  
as AIR, Hyderabad? No, that was on 4800 and all other 60m stns where they should be. 1300  
nx in Thai-sounding lang made me check old pgm sked showing only Tamil & Mizo news at 13.  
I know what Tamil sounds like from the dirty words I know! 5050 // 540 & 1310 ID as AIR,  
Aizawal; lovely mx followed, nothing like HD/TM type, more like RRI C&W ballads (Victor  
Goonetilleke, Sri Lanka, UADK) Tnx to GVG's hot tip, hrd it 1230-1630\* on 5050; after-  
noons uses 7295. Aizawal is capital of the Union Territory of Mizoram, bordering Burma.

Mizo is quite similar to Thai, and surprisingly not Burmese (Sarah Weerakoon, UADX) The state is tucked away between Bangladesh & Burma in SE India; this sked subsequently monitored: 5050 \*1230-1630\*, \*0030-0215\*, \*0230-0345 f/out, f/in 0930-1215\* = 7295. EG pgm sum E 1240, Delhi EG mx 1530 + more EG pgms. Thought it might be a relay like Shillong via Gauhati but José Jacob 16/8 says AIR ancd new 50 kW SW xmttr set up in Aizawal (Goonetilleke, UADX) Believed 10 kW, on 5050 0030-0300 & 1230-1730; 7295:0800-1000 & 1130-1215 (Alok das Gupta, Calcutta, RA JP-DK 5/9) Officially inaugurated 15/8 0030, sometimes runs to 1730\*; EG pgm summ 0133 & 1238. Western mx (EG pop & classical) daily 0200-0230, 0915-0930, 1330-1400. Report to Engr in Charge, AIR, Aizawal, Aizawal.796 001, Mizoram (Das Gupta & Goonetilleke via ADKN) AIR Calcutta having xmttr problems 1200/1730; some days such as 11/8 on 4822 w/hum & drone, poor tuning and loading probably; when on 4820 not bad. Stn seems to have poor techs currently (Goonetilleke, ADKN) HS SW listings in WRTH82 were based on inaccurate data received from AIR. José Jacob in Poona has extensively monitored these stn during Aug and here are his obs (NL) There follows a full page crammed w/fqs, places & times which I am not about to retype, and which I am forbidden to repro; lesson: subscribe to NL if such info is of vital importance to you (gh) WRTHVH 83 should have very clean & up to date listing of AIR tmx to José; I had also monitored 3lm opns; one excerpt: Delhi 9590. Is reserve-fq hrd recently for spl bc on inauguration of new President (GVG)

INDONESIA Latest issue of Down Under DX Survey is loaded w/Indo info I likewise can't begin to cover here. A few excerpts: RRI Nabire on new 5055, 1100-1400\*, ancd as 59.36m. Is 1 kW, sked 0915-1400; old 500 W still on 6126 2100-2315, 0400-0615, 0700-0915, but hrd on 6127.5 0825-0920\* Two of R Australia's most eminent ancrs came from R Kotamadaya M DT2 Bandung, ex-3380 & 3302, now MW only--Ebet Kadarisman and Koswara Sumamijaya. Amazingly, when still on SW, the then horiz ant was beamed towards Au for the benefit of these two gentlemen, but they never sent a report, nor did any Aussies! (David Foster, DU-DXS 19/8) RRI Surakarta recently on standby fq 4900, not 4932; VG 1115\* after YV f/out (Craig Seager, Vic., RA JP-DK 15/8) New RRI fq 7270 at 1300 8/9 ID, thot hrd Malang but not sure; must be a new 250 kW (Mitch Sams, AR, OMDC) Three new 100 kW xmttrs at Cimanggis, Bogor (sic) are latest addns to RRI net; to carry material not sked thru Palapa satl net; to cover Sumatra, Kalimantan, Sulawesi & Maluku. Anthr two 250 kW on order from France for xmtns to Utian Jaya (International BCing mag). One on 9680 now. Cimanggis is outer suburb of Jakarta, nowhere near Bogor! It is the current 'main' RRI Jak site, Kebayoran not used so much. From recent RPD QSLs this info: RKPDT2 Kotawaringan Timur, Sampit, 3540 kHz, off air for last year due to damage; was 250W. RPD2 Btma; 3462, 250 W \*1000-1500\* (Geoff Cosier, DX-Australia) RRI reported 20/8 that Japanese govt had decided to grant Indo about 5615 billion rupiah to finance i.a. construction of a TV & radio training centre in Yogyakarta [sic] (WBI 2/9) Ahem, cf THAILAND, Sept LN-24; altho the rupiah is virtually worthless, about 900 per US dollar, 5615 billion of them still add up to about \$5 billion. Is Japan really that generous? Where do I apply?! (gh)

IRAN V of Iran, EG 1930 on 15084 // 9022 (Karl Bartz, San Antonio TX, 23/8) Doubt if this is a permanent change, too good to be true; maybe switching error (gh) VOIRI says from 5/9, 11930 replaced by 9765 for ES (WBI 2/9) I.e., incl EG 1930-2030 // 9022 (gh)

IRAQ 2nd harmonic of 9554.5 obs on 19109 at 1010 (Wolfgang Büschel, WWDXC Aug-Sept)  
ISRAEL Kol Israel [sic] EG S82: 0000-0030, 0100-0125, 0200-0225 15585 11640 9815; 0500-0515. 21710: 21495 17685 15485 15105 12025 11640 9815 7465. 1200-1230 25640 21625 21495 17685 17630 15605 15585 15485 15485 7465. 2000-2030 17685 15585 15485 15475 15105 13745 11640 9009. 2230-2300 21495 17685 17630 15585 15485 15105 13745 11640. HB HS relay: 25605 at 0610-1400. 17630 0610-1200 & 1300-2000. 17585 0400-1400 & 1800-2310. 15615 0400-1300 & 2000-2310. 15105 1200-1630. 13725 0400-0610 & 1800-2310. 11655 0400-0610. 11610 1800-2310 (IBA & part via Poppin) N.B., two 13 MHz band fqs now! (gh) 13745 is on LSB, 2000 EG J & 2030 FR; ute QRM or jammer on 2100 RS actually helps demodulate it! (Jim Conrad, IA) Full sked of 13745 is 1745-2300 in usual ES langs; converted as 21.83 m; shall we call this the 21, or 22 meter band? Certainly not 23 as some have; don't let '20m' hamband designation mislead you, actually 21 m (gh) Below 14286, that is

ITALY World Music Radio, formerly via Andorra, is making a comeback via R Milano International, to be 24h automated; one 5 kW and one 10 kW SW xmttrs available, plus 5 kW on 1300 & FM for local cov; fqs 6219 and/or 11565, times chosen for optimum reception in NEU, but hopes to reach other parts of world; for QSL card, 2 IRCs (3 by air) to P O-Box 4078, Q Amsterdam, Holland (NL, asst ed Andy Sennitt being directly involved in stn) RMI testing 6219.5 18/8 1830-1950, w/old 400 W xmttr, bad mod, QTH 30 km S Milano, poor (Lodi-DX via Play-DX) Steve Webster hasn't hrd it in Canada because 6219 so far on very low power tests; main 5-kW xmttr on in a few days; will test continuously 0600-1600 on 6221.5, QSY to avoid Lebanon; plays WMR tapes and RMI in IT. Next week hope to have 11565 on daytime; don't confuse around 2200 w/R Del Mare, Belgium on 6205 (Sennitt, RNHM 16/9) IRC on 11587 0603-29/8 w/mixed bag of mx (Ebony & Ivory, some jazz piano). IDs between songs; E 0605 ID was EG, 0609 sounded IT, 0612 seemed GM, but not sure; P-F w/ute QRM, but I'm pleased (Gerry Bishop, PA) IRC 11583, vy frustrating, strong sig in EG but severely distorted; 0347-0601 but no ID, pop rock & roll format; uses "War of the Worlds" instl as theme mx; US-accented DJ, few phrases copyable; addr of PO Box 52223 (Sam Delitt, Australia, DXA Aug) R Pace, Cerna, 15459, G w/test tape of 6 mins duration continuously repeated 15/6 0423-0458: 3 anmts by FA [female announcer?] each about 45 secs long, then 15 sec anmt, all separated by chamber mx; gives addr and phone: 753,2548...045 (Delitt, ibid.)

R Pace hrd on 15606, 29/6 2130 gospel in FR (Antônio R da Motta, São José dos Campos, SP, Brasil, LADX) Exactly the same fq Israel claims to use, but at 1200-1300 only (gh)

**JAPAN** Among the possible fqs R Japan monitors were asked to investigate for use during the SSB tests to WNA in early Oct were: 21835 21800 21795 17670 17626 17607 17555, in the 1900-0600 period (Bob Bodell, Milwaukee OR) In a summary of listener correspondence during the Apr 81-Mar 82 fiscal year, R Japan reveals that 63,018 were received from 139 different countries, led by Indonesia with 9092, India 5916, West Germany 3395, United States 2998, then Bangladesh, Britain, Brazil, Australia, Italy, Argentina, Korea in that order; daily letter count reaches 700; handled by 11-person staff. R Japan has about 300 [official] monitors around the world, 150 technical and 150 program, the 10 of the technical are also called upon for immediate reaction to content of special programs (Oct R Japan News) [Cf Sept LN-30] Answering Hill's question on Sendai 6190, almost certainly NHK-1, the general AM net; NHK-2 is educational AM. Almost certainly the daily besuboru game; the 0800 cutoff would be 1700 in Japan (G Sharman, Hollywood CA) JJJ 15000 2049 28/ U 8, code and voice IDs u/WWV & WWVH; quite surprised to hear at this hour (Bishop, PA)

**KASHMIR AZAD** AKR currently hrd on 7165 0600-0934; R Pak nx 0600 (WBI 2/9)

**KENYA** In stories about the attempted coup, Reuter quoted a Kenyan Armed Forces station, otherwise unknown to us; more info needed! (Victor Goonetilleke, RNMN 26/8)

**KOREA NORTH** R Pyongyang FR 0800-0950 SEAs 15230 11880; CH 0600-0760 FE 15375 11830; JP 2100-2250 11781 9506 as monitored here (David Newkirk, Seattle WA, 23/8)

**KOREA SOUTH** R Korea EG sked as ancd for S82: EU 0530-0630 11820 15575, 1900-2000 9870, E 2130-2230 15575. Ams 0200-0300 & 0530-0630 11810, 1000-1100 9570, 1330-1430 9750, 1600-1700 11830. ME/NAf 1130-1230 15575, 1600-1700 7550. ME/India/MAf 1130-1230 9870. General 0000-0100 [new] 7275, 0200-0300 15575, 0400-0500 9640, 1300-1330 6135, 2130-2230 on 15375 (Bill Matthews, OH & gh) Listen at close of any xmsn for current confirmation (gh)

**LAOS** External svc was off the air 18/8, returned 22/8. Xiang Khouang 7178v has been off too for 10 days; Luang Prabang & Souvannakhet also off, so only Lao activity is: 4657 Houa Phan 1215-1300\*, 6193 untraced; 6587 Pakse 1130-1400\*, good level, also at 2300; 6847v Oudom Xai [Udomsai] 1130-1300; 6130 Vientiane as in WRITV (Sarath Weerakoon, UADK) LNR, 7028.8 in Viet 1320, poor w/ham QRM (Geoff Costier, Australia, DXA) This new club has a lamentable tendency to eliminate dates from published loggings, Hank-Bennett-like (gh)

**LESOTHO** Maseru, 4800, running to later time, 2200\* after pgm of pop mx and Sesotho annts. As of 24/8 & don't confuse w/Gabon also on 4800 recently, or São Tomé 4807 (Bob Padula, ADXN & RA DX 5/9) to 2155\* now on 4800 & 891 (Richard Ginbey, RNMN 9/9) **LEBANON** below

**LIBERIA** Tent S82 ELWA sked: 3230 0610-0800 & 1805-2222, 4765 weekday 0555-0815, Sat 0815-0900, W 1655-2300; Sun 0655-0900 & 1655-2240. 6070 1805-2005. 6135 Sat/Sun 0825-1735, M-F 1525-1735. 9550 S/S 1205-1350, M-F 1205-1320. 11810 2005-2120. 11830 Sat 0615-0830, Sun 0615-0935. 11870 Sun 1325-2121, W 1650-2121. 11930 0615-0728 (NL) Why is it that gospel stations invariably have the most complex skeds? G sig on 11870 in EG 11/9 2057 w/prayer, ID; off earlier than above sked at 2114 (gh) ELBC QSL shows power on 3255 as 30 kW, the 50 kW having been crossed out (Harold Sellers, DX Ontario)

**LEBANON** (oops) La Voix du Liban, 6500, 16/8 2000 ID & FR nx, EG at 2015, excellent (M. Puccetti, Italy, Play-DX) Media Network interviewed High Adventure leader George Otis on the 3rd anniversary of Voice of Hope: they are building an FM station to be called Prince of Peace; and a 2nd SW stn is planned to be on air by yearend; will be higher power than present one, beamed to Iraq, Iran, Afghanistan, Russia; but they are already using Parsi, Russian, Serbo-Croat, Arabic, English and two other langs [on 6215] (RNMN 9/9) A syndicated hourlong TV spl hosted by Danny Thomas and giving prominent play to Otis, and Major Haddad (later accused in the Beirut massacre) designed to raise funds for HA and the program included views of the station in action; (14/9 on WRIP-61 Chattanooga) (gh)

**LUXEMBOURG** R Luxembourg at 0049 on 21515 w/McCartney mx, SIO 544, maybe image fq (Thomas Nordqvist, Malmö, Sweden, Aug Eter-Aktuell!) Indeed; an overloaded \*2001!1 do that (gh)

**MALAGASY REPUBLIC** R Madagasikari seems to have returned to 3287 after a few weeks on 3359 (Vesa Komulainen, Finland, SCDX 17/8)

**MALAYSIA** Kuala Lumpur in Malay hrd around 1730 on 23860, 4 x 5965 (Wolfgang Büschel, GFR, Aug-Sept WWDRC) K.L. on 7295 & 9665 acting funny lately--7295 early Aug 0100\*-0900; 9665 silent 0800-0900; but now seems continuous much to agony of AIR Aizawal (Victor Goonetilleke, Sri Lanka, UADK Aug) RTM KL on 9515 15/7 1120 in Malay, weird combo of chants, Indo type mx, AM rock YL, ID, OM nx (W J Parks, FL, SPEEDX) RTM KL on 11990 13/8 1130 in Chinese, SIO 444 (Jamie Jamieson, CA, SPEEDX) Should this be 11900? (gh) R Malaysia, foreign svc in Indo on 9750, 7/8, 8/8, 12/8 \*2158-2240; IS, ID, nx; light QRM from Mineria, Chile (C. Dondi & D. Monferini, Italy, Play-DX)

**MALI** These Djibouti reports on 4780--do reporters have digital? For I have Mali newly on 4783/82, down from 4825, but there is a weaker 2nd stn here also, so it's tough to say what's up (Maxfield Greenwood, Sedgwick ME, 16/8)

**MALTA** The DW relay at Cyclops has been off the air since 2/9 at 1 p.m. when the Maltese D turned off the electricity. They decided to do this 1/9 due to a "foreign interference act" despite a 25-year contract with DW effective thru 1995. DW is appealing this decision. This also affects other services carried here (RNMN 9/9) Including Xandir Malta?? International Christian Radio, AWR, IBRA. A few spot checks of DW fqs found no Malta IDs 18/8, e.g. \*0100 to NAM 11865 ancd as Germany, and no doubt DW has replaced many Malta fq with German or other sites. No DW site sked available yst for S82, so I dredge up a J82

DW Malta sked not previously published here for those who would like to check: 0030-0050  
E PT Lam 17720 11785 9700. 0100-0150 EG Nam 15105 11865 9590. 0200-0400 GM Ams 15105 11795  
9545. 0400-0547 GM 21560 11795. 0415-0550 AR ME/NAF 6025. 0600-0650 TK Eu 11805. (in-  
terval mainly used for non-DW services). 1100-1150 AR ME/NAF 11720. 1130-1230 JP As on  
21650 17825. 1235-1350 Indo 21650 21590 17780. 1400-1600 GM 11795. 1430-1520 Urdu 21620  
17825. 1520-1610 Hindi/Sanskrit 21620 17825. 1600-1800 GM 11795. 1610-1650 EG As/AuAs  
21620 17825. 1700-1750 TK Eu 9650. 1800-1850 GK Eu 9650 7105. 1900-2035 AR 7265 6000.  
2045-2120 Maghribi 7265 6000. 2130-2300 PT Lam 17720 11785 9700. 2300-0030 SP Lam 17720  
11785 9700 (WBI 1/7)

MAURITIUS MBC has proposed a project to be undertaken in the framework of World Communica-  
P tions Year in 1983, to upgrade its SW svc for better coverage of a group of islands form-  
ing part of the State of Mauritius. Present SW xmtr in use 25+ yrs and spare parts are no  
longer available. Several islands not reached due to poor sig strength. So isle resi-  
dents and ships sailing in territorial waters of Mauritius are often experiencing severe  
hardships due to lack of info on wx forecasts and hurricane early warnings. Project pro-  
vides for acquisition of new eqp, namely 2 HF xmtrs and 2 horiz log periodic ants, repre-  
senting a 10x increase in xmsn power. Will also ensure over 100° quadrant coverage and  
allow for rapid change in fq or beam direzion to cope w/abrupt variations in prop condx  
or sharp increases in QRM level (WCY bulletin 7/82 via Sellers, DXO; Bob Padula, ADXN;  
Andy Sennitt, RNMN) What are these other islands they're so concerned about? Nearby Ro-  
drigues, or the Chagos Archipelago including Diego Garcia, controlled by US... (gh)

MEXICO LV de la América Latina now on 15176, hrd at 2125 28/8 w/XEW ID & 3:26 TC; obs  
again 2342 // 9515 (Bob Hill, CA) XEW has reactivated both 9515 & 15160.3, hrd at 1330.  
This, coupled with other recent reactivations such as R Nac de Guatemala 9760, R Clarín  
11700, suggests a welcome boost to HF SW xmting in Lam, possibly as a spin-off of the  
Falkland Islands War. 15176.5 also active, 0300 15/9 // 900; 9515 did not appear active  
at that time, as fq was almost empty (Richard E Wood, St Louis MO) 9515 at 0413 ID 7/9,  
343 (Jack Jones, Jackson MS) 9515 at 1713, fqt IDs, seems increased power as regular here  
at all times of day; 6/9. XEEP, R Educación, 6185 at 0500 7/9, EZL mx, vy little talk  
except for full ID w/call letters on the hour (Garth Rotramel, Berryville AR, OMDC) Cf  
M Sept LN on the 18 MHz mysteries; after hearing them on World of Radio, David Newkirk says:  
"Negative CW" can be decoded, somewhat by marking the dits, dahs and pauses on one line  
and filling in the blanks on the next line; one portion might read "CQ DE XB..." such as  
XBD492 listed in CFI5 as in Mex Cy but AJJ and not on 19955. I'm taken aback by the fact  
that the MW stns hrd are not superpowered on fundamentals; that would explain a lot.  
Could be a fixed stn (or a stn that needs to be fixed) in the neighborhood with a ground  
loop in a synthesizer, resonant in the low 1500 kHzes; or maybe a long leaky piece of coax  
resonates around there and the sigs mix in the final of the ute xmtr; the possibilities  
are endless. They appear in reverse order below 19955 kHz because in effect they're be-  
ing translated in fq; did you tune on the high side of 19955 for matching array? (David  
Newkirk, WA, 29/8) No; have frequently checked 18395 etc afternoons since but not a  
trace; but I was not the first to hear this and might reappear (gh) I think it's inter-  
modulation, as happens with local MW stns, or ham xmtrs like mine mixing w/local MW stn  
to put me on a third fq. Might be metal-to-metal touching of pipes, wires, etc., with  
this 'circuit' resonating at some other fq. Or something fishy is going on near Mexico  
City (Steve Bonadio, KAJZBA, Watertown NY, 29/8)

MONACO New TWR 582 sked includes new outlets: 5965 GM 0445-0515, 5960 CS 1900-1915, 9505  
E PL 1630-1700, 7215 HG 1815-1830. EG: 0725-0940 (Sun 1100) 9495; 0845-0900 on 9670 on the  
X 3rd Sat w/DK session. Another newie is 7260 0500-0515 UK & AR (Bob Padula, ADXN) vSWAZI

MONGOLIA Per IFRB Fq Supplement of 18/5/81 [sic], Mongolia is using: 4750 Ulgei 12 kW,  
4830 Altai 12 kW, 4850 Ulan Bator 100 kW (likely Khonkhoryn site), 4960 Dalanzadgad 12 kW,  
4995 Choybalsan 12 kW, 5020 Sainshanda 12 kW, 7305 Ulan Bator 50 kW. A breakthrough at  
last! Unfortunately 4960 5020 7305 not hrd, but 4750 4830 4850 4895 4995 all obs in //.  
4895 varies as high as 4897 in UBR Mong HS // other UBR fqs at 1030-1600\*. I wonder if  
this could be Sain Shanda listed for 5020, or more likely Dalanzadgad listed 4960 (Geoff  
Coster & David Foster, DUDXS & DXA) RUB ES sked: 0950-1025 Mong, 1025-1055 Std CH, 1100-  
E 1130 MG, 1130-1200 Std CH, 1200-1230 EG (not Sun), 2030-2100 MG, 2100-2130 Std CH, all on  
12070 6383. Russian Tue-Fri 1130-1200 11855 7263 4995 4895 4850 4080 3960 227 209. 1255  
-1330 MG, 1330-1400 Std CH, 1400-1430 & 1445-1520 EG (not Sun) all on 12070 9575 (WBI 26/8)  
Cf Sept LN-21, why does the BBCMS omit the FR xmsns? (gh) RUB 12070 \*1200 27/8 ID & 15-min  
cx, 5 min cmtry on PLO Beirut withdrawal--not editorial, just refresh of press accounts.  
C signal (Gerry Bishop, Christiana PA)

MOROCCO RTM Rabat Net-A via Tangier: 1000-1100 15335, 1100-1700 17815 15360 15335, 1700-  
2000 17815 15335 15330, 2000-2100 17710 15335 15105, 2100-0100 17705 15335 15105 (WBI 26/  
8) Times only apx, as they are checking mainly on the hour for news (gh)

MOZAMBIQUE Maputo hrd on 7200 ex-7245?, PT \*0400 // 3210 6115 9618 11818; evs // 737 3210 .  
M 4865 (Sarah Amukotwa, Zambia, NL) Beira-A recently extended to 2210\*, full sked: 0255-  
0500 & 1500-2210 3370; 0500 (irr 0255)-1500 (or 1700) 6025; 0255-2210 873 (also irr on 1431).  
Beira-B 0255-0500 & 1500-2000 on 3280/6090v, 0500-1500 on 6090v/9635v (Ginbey, RSA, NL)  
H m Interprovincial, Maputo, hrd on 2019 0350 10/7, vern, local mx, 25442, 2 x 1009 (Vash-  
ek Korinek, RSA, DSWCI)

NAMIBIA Windhoek 4965 tent at 0600-0615; 2100-2200\* EG, then all-night carrier (DUDXS)

AN svc on 3270 // 3295 after 2200; at 0400 3270 becomes R Herero, and at 0300 3295 takes E the AK svc. 6185 is new at 0615-1515 in AK/GM/EG. In Oct look for 3295 & 6185 to be re-M placed by 4965 & 9650. MW 594 \*0400 Ovambo net now silent (Richard Ginbey, RSA, RNMN 16/9) [earlier info?]. Both SW xmtrs are poorly modulated, especially at night. New SW sked: Ch 1: 0358-0630 & 1430-2200 on 3270, 0630-1430 on 7190. Relay R Herero 0358-1000 (Sat/Sun 0505), 0830-1000 (Sat/Sun), 1300-1630 (Sat/Sun 2200). Other times relay R Damara-Nama. Ch 2: 0300-0615 & 1515-2200 on 3295, 0615-1515 6185; relay EG/GM svc M-F 0830-1045, GM only 1600-1700 & 1915-2200 (exc Wed 2000-2100). Other times relay AK svc. AN svc 2200-0358 on 3270 (Ginbey, NL)

NETHERLANDS RN experimenting w/2 xmtrs on one fq, 31/8 & 1/9 0530- on 9895 alternating them first in different direx for 7 min each, then from 0605 both, reports wanted from Eu; 7/9 E & 8/9 Lopik & Bonaire simultaneously on 15560 EG 0930-1020; that is, Bonaire joining from 1000 to Eu, with Lopik inserting a 300 ms delay to avoid echo; spl QSL. One Bonaire xmtr closes down after 1630 today for 8 days of essential work (RNMN 26/8) RN will have a simple contest in mid-Oct in connexion with Holland Water Year 1982, 11/10 thru 16/10. Three P questions to be ans on postcard--2 first prizes of all-expenses paid week in Holland to X witness the production of Media Network; and other prizes; MN plans more computer tests in October (RNMN 16/9) 6165 back on the air after work on xmtr 0230 0530 (Rubin, CA, 8/9)

NETHERLANDS ANTILLES (also see above) Since 17/7 TWR has deleted EG to FE 11755 0050-0135 E (KTRW 17/7 via NZDXT) 4/9 0607 hrd TWR anc that Caribbean Nightcall now runs 0445-0630 on 9755 // 800; however they're already on in EG at 0430 w/some canned pgm (gh)

NEW ZEALAND I bumped into the NZ Prime Minister at the Toronto IMF Conference 3/9 and spoke to him about the RNZ SW svc. He was surprised it could be hrd here, but wasn't verry helpful, saying the whole matter was still under consideration. Despite reports that SW relays the Natl Svc only, I'm still hearing nx in SPac langs around 0545-0555 on 15485 & 17705 (Steve Webster, DXO) Except for nx and sport, the "RNZ" ID is no longer used, just "The Natl Pgm & SW stations/service"--an effort not to be seen as the 'state' radio? At the end of Aug still no word about the future of SW (Barry Hartley, Auckland) RNZ all-night pgm hrd on 5225 past 1500 23/6 at fair level, NZPO urelax? (Geoff Cosier, DUDXS & DXA) That is an NZPO Himittangi fq, sounds like 'ZM' net, probably not official, maybe for a local party unable otherwise to get reliable reception; certainly not pirate (Dene Lynneberg, NZ, DUDXS)

NICARAGUA LV de Nic eyes on 5955 now; had been 5950 until about 1/9; het presume from LV de los Centauros (Gerry Bishop, PA) But see COLOMBIA. 6/9 0326 tho het on lo side of Nic as they revealed Nics don't eat their children and referring to the fq change; since then hrd ancing as "5.95," however (gh) 8/9 0300 zero-beat 5955, slogans, IDs, pro-Sandinista songs (Joel Rubin, CA) Regularly on 5955 0330-0500 ex-5950; Lam mx, G sig, fat IDs (Ronald P Kumez Jr, Elmwood Park NJ) 6120 tent 31/8 1128 w/ranchera mx, several IDs as R. Sandino; no mention of R Zinica. 5/9 1150 tho R Zinica ID, TC, tangos, no ment of R Sandino (Jack Jones, MS) Was net pgm? (gh) R Zinica, 6120 5/9 0453\* w/NA, IDs (Rotramel OMDC)

NIGER RTVN, 3260 5/9 0543 vern; \*0530 w/ID, IS; 5020 not hrd till 0545 f/in (Mitch Sams, AR, OMDC) Next nite 3260 not hrd and 5020 f/in 0545 (Garth Rotramel, Berryville AR, OMDC) Strange for it to fade in at that hour; late s/on? (gh)

NIGERIA VON introed new outlet 15185 ex-11770 for EG EAF 0500-1000, incl world & Af nx at E 0630. Separate pgm on 7255 15120 17800 w/EG 0500-0600, FR 0600-0700, EG on 15120 17800 0700-0800 (Peter Bunn, RA JP DX 29/8) R Kwara, Ilorin now 0400-2305 7145. R Kaduna 0430-2305 6175 IDs as "First Network of R Kaduna". Jos still on 5965, not 7260; Lagos 3320 & 7285, not 7275. Enugu 4725 unhrd (Richard Ginbey, RSA, NL)

NORWAY A couple of spot checks for best R-Norway fqs for Sun EG 12/9: 1400 17840 best // E 25615 25730; 1800 21705 best // 21730 1875 (gh) 500 kW xmtr expected to be operational P from 1/83; Sun EG will then become eleven 45 min bcs at: 10, 13, 14, 16, 17, 19, 20, 23, Mon 00, 04, 05; fq & target selection seemingly random (Sennitt, RNMN 16/9) symmetry gone

OMAN BBC finally decided to use satl feed to relays. A Marconi standard B satl earth stn P worth more than half a megapound will be completed on Masirah by yearend, to pick up pgms from Madley, Herefordshire via Intelsat 5 on 4 GHz above Indoc; sig then fed to SW & MW xmtrs, some of which are being modified (Communication & Bcing via H Sellers, DXO)

PAKISTAN R Pak 0100-0107+ Qur'an, sked, ID on 6967v, new fq or test? 7010 HD or 7095 UD wandering? Also 6969 11/8 to 0136\*, strong AM sig (Steven Reinstein, FL, DXSF, 12/8) HD svc at 0100 having trouble lately, 7010 drifting as far as 6965 (Sarah Weerakoon, Sri Lanka, UADK) 018 0100 on 6968 (Goonetilleke, ibid) Karachi 1400-1900 nom 4815 but hrd on 4812v and sometimes either on 4727 or 4897, 85 kHz from 4812--maybe because xmtr has 85 kHz crystal in synthesizer (ibid. & via ADKN, DUDXS) R Pak running 3 xmtrs on adjacent fqs in UD \*1330: 17615 17620 17624 all G in //21485 (Craig Seager, RADX 15/8) RP G 15/9 0100 E w/UD ID on 17840 (Richard Wood, MO) Tent S82 R Pak EG slow speed nx sked: 0230 & 1100 as in WRTH 82; 1600 now sked on 15565 17640 21485 to region II; 15530 17660 to III. EG \*1645 on 9870 11670 (NL) Slow EG mx 0230-0245 on 21725 ex-21755, // 21955 17840 (M Francis, RA DX)

PANAMA [Cf July LN-22 & Aug LN-20] R Equis, Panama City, 12/6 0122 in EG & SP, great pop H mx, ID on 3020 harmonic, SINPO 34423 (Richard Greenwood, Jamaica, DSWCI)

PAPUA NEW GUINEA R North Solomons, tent on 6020 0600 5/9, sounding very much like a 90m PNG w/tribal mx; weak w/het, many ments of PNG (Mitch Sams, AR, OMDC) Opening of new FM L net, Radio 2, brings changes in existing net, now Radio 1 and no longer carries ads as of 1/6 but concentrates on development, education, entertainment, politics, culture, parlia-

mentary sessions (Benjamin Martin, PNC Post Courier Weekend Magazine, 7/5 via Park, RIB)

**PARAGUAY** R Guairá, F at 0035 31/7 w/ID and msgs on 5978 (Giuseppe Zella, Play-DX, Italy) R Charitas, 6110, reactivated, w/new s/on 1100, 9/6 folk mx, ID (Emilio Petrovzrenic, Argentina, LADXR) The total current Pgy SW scene: 5975v ZPA6 R Guairá, Villarriccia, 1000-1800 1 kW, currently varying 5942-7. 5995 ZPA15 R La Voz del Amambay, Pedro Juan Caballero, 1000-0200 2 kW. 6015 ZPA10 Emisoras Paraguay, Asuncion, 0930-1630 & 2000-2400 as currently obs, 3 kW. 6025 ZPA1 R Nacional, Asuncion inactive. 6110v ZPA11 R Charitas, Asuncion 1100-1530 Mon-Fri only 1 kW. 11915 ZPA1 R Nacional, Asuncion, as MW sked; 100 kW. 15210 ZPA7 R Guarani, Asuncion, irregular, very rare in fact; 0.5 kW (Tony Jones, ibid., T direct) Paraguay begins DST 1/10 (NL)

**PERU** New stn is on 3250, 400 W OAZ4G, R La Oroya, Calle Tarma 244, La Oroya; MW 690 400 W M OAZ4F (NL from JLCC) 3285 R Esmeralda, OREX5A, ex-5050, sked 0900-0300, stn says (NL) But reported on 3800, cf Aug LN-21 (gh) 3330 Ondas de Huallaga, 6/9 0427, fair w/CHU attenuated but still QRMing; mountain mx, ID 0433:20 (Gerry Bishop, PA) 4495 [cf Aug LN-21] P projected LV de Nasca is OAX5W, 10 kW; Dir Gen Fernando Cruz Rondinel (WRTH-LA) 1 kW (NL) M 4790 R Atlántida, 30/5 2400 ID gives 1490 9625 and 4790 but 9625 is inactive (Povrzenic, LADXR) 4825 add OAX6Z R Moquegua, 0.5 kW as stn 118) (WRTH-LA) MW indicated as having SW in WRTH 82 but was omitted there (gh) 4826 Contrary to reports of R Sicuani on 4834, always hrd here on 4826, e.g. 12/8 0145 ID, Andean mx, Quechua (Povrzenic, LADXR/R) 4935 R Tropical at 0356\* w/"Buenas Noches" song, ID w/fqs 0359, NA 0401, F (Bishop, PA, 6/9) 0230-0320 LAM mx, romantic mx, often uses "Love Is Blue" as background during annts (Don Moore, Honduras) Presumad R Tropical, 4935, 1059 many ads incl Fresca, ments of Tarapoto, a few short bursts of Peruvian mx between ads & during talk, 433 19/8 (Jack Jones, MS) 5015 addr of R Moyobamba, OAX9G is Jr. Pedro Langa 537, Moyobamba (JLCC via WRTH-LA) 5030 R Los Andes, Huamachuco 31/8 0939-1029 VG o/Venez, frequent IDs giving 5030 only + FM during "Buenos Días, Perú" pgm; 1028 ID gave addr as Bolívar 521, 2º piso; not listed in WRTH 82; Huamachuco is in depto. La Libertad (Bob Wilczek, Lockport IL, 11/9 World of Radio) 12/9 SIO 443 at 1045-1115: some peruvian mx, disc, recurring theme tune "sunny" ads, one ID as "Rdifusora de los Andes", OAZ2A 60m, not sure of last letter is call. YV either not on or had f/out; no mention of MW; faded fast after 1115 (Jack Jones, Jackson MS) Previously reported on 3735 [July LN-22] and 3725 [Aug LN-20] 5993 R Melodía, Arequipa, ID & mx, G at 2305 26/7 (Giuseppe Zella, Italy, Play-DX) 6140 Addr of R Huayilay is Jr. Huairal 129, Huayilay, Pasco (WRTH-LA) What does "Jr." mean in Peruvian addresses? (gh) 6498 unID, tnx Kru & Crow, 0339-0411\* 10/8, string of OA instrumentals, Talk may ment Chota, off in mid-song. 12/8 0125-0148 P w/bad ute, no ID (Steve Reinstein, DXSF) The seldom hrd has been here for at least several months, 6498.5 apx, 0115-0250+ most evs since 8/8 w/campesino vocals, flutes and M in SP; no IDs hrd; ute QRM severe (Krueger, ibid.) 6498, unID 12/8 0211 DJ w/Andean mx, hi-side ute QRM unintelligibilizing speech, f/out or s/off around 0220. Cajamarca? (W J Parks, ibid) 8/8 0100-0315+ unID, mostly bouncy mx like Espejo late evs; fewer & fewer annts as evening wore on. Long, deep fades but peaked at quite good levels at times; Satélite 59+ at this time (David Crawford, FL, DXSF) How about R La Oroya, 2 x 3249, see first Peru item above (gh) 6724 10/8 0350-0359\* w/positive ID 0354 as "R Católica desde la provincia de Santa Cruz en el Departamento de Cajamarca..." Name change for R Satélite? (Reinstein, DXSF) 6727 5/9 0424 ID de R Satélite; maybe Católica was a pgm ID (Gerry Bishop, PA) 31/8 0435\* closing annts, pretty sure said "R Satélite"; short version of NA & off (Jack Jones, MS) 2562 R Nacional, 1018\* 27/8 steady mx, some w/misleading oriental flavor; full ID, F (Chuck Bolland, FL) 7/9 0330-0400, laid-back EZL mx pgm, mostly tangos; few ads; ID & TC every now & then; 0500 full ID at nx time, 353 (Jack Jones, MS) 9675 R del Pacifico 1125 27/8 ID, rlg pgm, fading fast (Jack Jones, MS) Regular here 1200+ daily w/hymns, IDs, Bible study, etc. F-P (Don Moore, Santa Bárbara, Honduras) See also unID. (gh) 2756 R Sideral 17/8 1057 many IDs, jingles, singing IDs, ads, timepips 1100 then rapid decline and shortly gone, but ID was for R Programas, listed on 730 MW only; net? 27/8 1057 w/R Sideral IDs, annts have muffled sound, no ment of R Programas (Jack Jones, MS) R Sideral reactivated, not hrd since early 1970s; 17/8 1100 ID, nx pgm in net with R Programas de Lima (Povrzenic, Arg., LADXR) Nx pgm called "La Rotativa del Aire" (Povrzenic, LADXR) That means rotary press

**PHILIPPINES** Former PBS now known as Maharlika Broadcasting System, hrd on 6170.2 at 1010, E F w/EG pops and IDs as "DZFM - MBS Radio" (Dene Lynneberg, NZ, DUDXS Aug) VOA on 12220, H 2 x also-hrd 6110, 1502 29/8 EG. R Veritas Asia, strong 19/8 1425-1435+ on 11155 // 9670, 800 kHz lower than and this day only; addl cond 15210 unhrd; EG (David Newkirk, Seattle WA) 22/7 too on 11155, 1450 inventions pgm, ID, nx, 444 (Peggy Thompson, CA, SPEEDX) Sticky fingers (gh) FEBC Intl EG sked thru 6/11: 0000-0100 17810; 0800-1000 11890 21515; 1245-1600 15440; 2300-0500 15435 21515 (M Oakley, SPEEDX Sept)

**POLAND** Since 3/5 R Polonia has Esperanto five times daily, heading it of R Beijing with which it had previously been tied at 3 x 25 min bcs daily; now: 0530-0600 1503 3955 5995 6135 7270. 1100-1130 7145 7285. 1630-1700 6095 7285. 1930-2000 6095 6095 [sic]. 2130- M 2155 1503 3955 5995 6095 7285 (Richard E Wood, MO) Addr: Radio Polonia, Esperanto-Redakcio, Skrytka Pocztowa 46, PL-00-950 Warszawa (ibid.) Freq amnt on R Polonia says 17865 ex-E 15210; offering spl QSL for this xman only--like rest tho hard to hear (Andy Reid, Ont.) Q Are you referring to the 1130 or the 0200/0300 xmsns, or ?? (gh)

**PORTUGAL** RDP EG to Nam 0300-0330 on good new 9520, clear, //1925 which is Havana-splashed E from 11930; 9/9 (Richard E Wood, MO) 4/9 on 6075 and new sked as 0300 on 9520 ex-9765;



0530 9520 ex-9575; India/ME 21685 ex-21475 [1600 Mon-Sat] (gh) 5/9 0402-0500+ RdP on 6750 // 9520; not sure where supposed to be (Gerry Bishop, PA) 5/9 0430-0600\* PT & from 0530 EG on 6750, vy strong sig, ocl mod blackouts; missing next night (Steve Meador, Richmond VA) Explanation: another punch-up transposition for 6075. Now, let's see, how could they mess up 9520: 9250, 9205, 5902, 5209, 5920, 5290, 2509, 2590, 2950, 2905, 2059, 2095; hmm, tho there might be a slight mismatch, better check MW & LW too: 952 925 592 529 295 259 (gh)

H Not in tonight but oft-hrd 19450 harmonic, 2 x 9725 of RDP last logged 30/7 0126. 9725 is buzzy, and so the h is easily IDed even if too weak for audio (Dave Newkirk, WA, 29/8)

QATAR QBS Doha 8/82 sked in AR: HS 0245-1700 9570; ES to Arabia, NGEaf 0245-0800 15505, 0900-1900 17910. To Arabia/ME/Eu 1800-2130 15505 (Nolan Stephany, Williamson NY) Sri s/on 0245, to 0730 on 15505, 0900-2130 on 17910; 9570 0245-1630 (Victor Goonetilleke, Sri Lanka, RNMN 26/8) Doha DS in AR 0245-2130: 0245-0705 15505 9570. 0705-0900 9570. 0900-1600 17910 9570. 1600-1700 17910. 1700-2130 15505 (WBI 26/8)

ROMANIA R Bucharest, 15473.8, poor in SP 0031 pop mx, 0056 TC after full ID. Seekers of the elusive Arcángel aware (Geoff Cosier, Aug DX-Australia) 15474 at 2235 3/9, R Bucharest in SP w/EZL mx; beware, Antarctica chasers (Mitch Sams, AR, OMDC) However, enhanced southern propagation likely to coincide with depressed trans-Atlantic paths, so pay attn E to other 19m prop condx and should be no confusion (gh) R Bucharest NAM EG on new 15255 0200-0300 // 11940 11840 9690 9570 9510 5990 (M Francis, RADX 12/9) WRNO & WOR tnx you (gh)

SALPAIN KYOI now expected to be operational by Dec 1982 at : 1800-2100 9695, 2100-0700 on P 17795, 0700-1800 11900. Contrary to May NL, pgms will be in JP & EG; Stn mgr is William E E McBride; addr is MARCOM, P O Box 795, Saipan, CM 96950 (stn via NL) [Cf Sept LN-23] I think KYOI is an abbreviated form of the word "kyokai" which in JP means broadcaster (Nolan Stephany, Williamson NY) Maybe, but as in MHR, I think it's the H--hósó that means being, whilst Kyokai means corporation, or as some prefer to think of it, church (gh)

SAMDA AMERICAN Quality Media Corp's new Pago2 stn KBQN w/50 kW on 585 kHz should hit the P air between late Nov and late Dec as The Pacific Beacon; also plan to file SW application M in order to serve Australia, which I understand lacks Christian radio; KBQN will be interdenominational, address (Dan Dunnigan, QMC, RNMN 16/9)

SARAWAK [Cf July LN-23, this differs] RTM revised SW sked: 3385 2200-2300, 0930-1500. 4835 2200-0130 & 0800-1600. 4950 2200-0100 & 0830-1600. 5005 2200-2300, 0400-0500, 1000-1500. 5030 2200-2400 & 1030-1500. 6050 2200-2300, 0330-0500, 1000-1500. 6060 0400-0500 & 0930-1500. 7130 0400-0530. 7145 2300-1445. 7270 0400-0500 & 1000-1500. 9535 0330-0700. Delate 9605 but add 7160/10/R 2330-0100, 0330-0600, 0830-1445; 4895/10/G 2200-2300 & 1000-1500. Last two fqs are Kuching; site/net details for others as in WRTH 82 (NL)

SA'UDI ARABIA SPLAJBC Libyan DS still from \*1100 apx on 17930 15450 15415; BSKSA also hrd. J on 17929 15649 (WBI 26/8) Libya was there first, so SA is the one doing the QRmg (gh)

SENEGAL ORTS makes these corrections to WRTH 82: 6045 1000-1800; 7170 incr to 100 kW. ES: E FR 0600-0800(W), 1200-1400(W), 1800-1805. PT 1805-1820 AR 1820-1840. EG 1330-1345 (sic)

SEYCHELLES As of 0900 18/8 FEBA off the air due to political problems; this has hap- (NL) pened thrice in the short period of independence; back on since 1230 20/8 (Victor G UADX)

SINGAPORE A real oddity: on 5955, the first subharmonic of BCFES 11910 is regularly audible with the \*1345-1429\* bc in Burmese! VP to less than F; had totally baffled me since first hearing 18/8; after exhausting all ref material, started doing arithmetic. 1910 is always reliable and quite -- tho far from overpoweringly -- strong (Bob Hill, CA) I have been vy frustrated lately in attempts to rx R Singapore on 11940; now at 1530 I get another dose of RSP&P until 1600 on 11940 (Steven R Lare, MI, 24/8) & see USSR

SOLOMON ISLANDS New bc complex of SIBC opend at 0630 Sat 7/8 and the speeches etc were relayed on 5020 (Arthur Cushen, NZDXT)

SOMALIA 23/8 R Mogadishu, HS in SM \*0300 w/NA on 6790; G sig until 0345. Per WRTH they Q accept recordings, so a good opportunity to QSL them (Steven R Lare, Holland MI) G here at 0305 13/9 on 6790,1 (gh)

SOUTH AFRICA R RSA S82 EG: 0200-0257 USA & Canada 15325 \*11900 9615 all 305° and \*5980 320°. 0300-0427 E&G&SAF 9585 170, 7270 4990 3230 all 70°, and \*5980 20°. 0630-0730 WAF/EAF/Saf/UK/Ireland 17780 & 15220 340°, \*11900 350°, 7270 70°. 1100-1157 & 1300-1557 C/E/WAF/UK/Ire/ME 25790 340°, 21535 & 15220 70°. 2100-2157 WAF/UK/Ire \*17745 350°, 15155 9585 7270 340°. \*\*500 kW, rest 250. Lam svc: 2200-2257 PT 9580 260°, \*6065 2649; 2300-0057 SP 9580 260°, 6160 270°, \*6065 240° (R RSA via George Poppin) It adds, 9580 subject to change (gh) R RSA to Nam 0155-0254 began S82 on 5980 9615 & 11900 but by 15/9 had switched to 11730 to avoid Turkey on its extended sked and Moscow Lam svc; good choice (Richard E Wood, MO) 9615 OK, but 11730 & 5980 lose out to two stns 5 kHz higher: Kiev & WYFR/VORF resp (Bruce Tindall, Chapel Hill NC) So 15325 not actually in use yet? Never hrd here(gh) I hope list loggers don't fall into trap of thinking they have Colombia on 6160 (Bunn)

SPAIN Another OOB fq for REE: 21780 4/9 1529 1530 5-pip TS, 1531 ID in passing; weak, but hrd since at various day times stronger (gh) When tuning to Hello America at 0150 23/8 X from R Japan, I hrd instead SFR DX show on 21645, u/af drum mx; new fq? (R Horvitz, RI) More likely some mixing product (gh) Spain's director general of radio & TV, Sr. Carlos Roolos Piquer, who has held the job for only 8 months, has resigned. His replacement is Sr. Eugenio Nasarre Goicoechea (Ricardo Dibenedetto, Bs As, LADX)

SWAZILAND TWR S82 EG to SAF: 0430-0445 5950, 0445-0630 5950 11760, 1200-1400 7295, 1600-1700 7210, 1800-2015 5055. E&Caf 1600-1700 11740, 1800-1845 11740 (TWR via Peter Bunn, RA DX 29/8) 2/9 I'm listening to TWR on 7925, 0356 IS, EG IDs 0400 rlg pgm, 0430 ID &

mbz but not fqs ment, more relig pgm. Fairly strong sig, nice and in the clear. Still going at 0500 when a 5-digit Spanish woman numbers station was also on the fq, non-repeated. Coincidence? What gives? (Mike MacCollum, IN) Yes, I think another instance of punchup error, 7295 intended (gh) Radio SR back on 3223 ex-4980, TC & EG ID 2100, VG 21/8 (Craig Seager, ADXN) There are no SW nx bcs from this country. SBS has been off the air since the king's death; TWR & SCR continue w/canned bcs as if nothing has happened. SCR at M 1630-1830 on 4980, 1830-2030 3223, 1377 MW after 2000; FM going to 2300\*; at 1830-2000 M-F MW has EG religion, for the first time, not //SW (Richard Ginbey, RSA, RNMN 9/9) Obviously hosting a TWR station jinxes a monarchy; fortunately, I know of no royal Guamanians or Antilleans, but should a leader of those isles die, remember this... (gh) SCR, Radio SR, E \*0255 pop Af mx IS, 0300-0500 M DJ, EG, pop EG mx, ads, IDs "Radio SR, the International Sound"; R Paralelo 27 at 0500-0530 f/out, PT, nice ballads, ads, ID clearly; reception G several times in Aug (Ron Howard, CA) But on what fq? (gh)

SWEDEN R Sweden S82 EG as slightly modified 26/9: 0230 9695 17705 Nam, 17840 SSB North E Pole. 1100 9630 Eu, 21610 ANZ. 1230 15190 EAs, 21690 Af. 1400 21615 Nam, 21700 SAs. 1600 1179 Eu, 6065 Eu, 17840 SAs, 1830 1179 6065 Eu, 15240 Af. 2100 11955 ME, 15240 Af. 2300 1179 Eu, 9695 17705 Nam. Swedish HS on SSB: 0630-0800 21550, 0800-0930 Sat/Sun on 21550, 0930-1800 21555, 1800-2130 21645. Also SD ES 2330-2400 & 0200-0230 17840 (RSI) The DS "Eko" pgm in SD at 1700 since 26/9 is to Nam 21605 ex-ME 15185 (SCDX 14/9)

SWITZERLAND Once it has been decided that the installations of RSI in the town of Schwarzenburg cannot be built in the face of opposition by ecological groups, the Swiss PTI is looking into other possibilities. The modern transmitters which have just been put into service do not function satisfactorily through the antiquated antennas. SRI director has stated in an interview that they are thinking of obtaining transmission time on foreign stations, either in exchange or by rental. Negotiations have taken place with Radio Canada International, which could put its transmitter sites at the disposition of the Swiss as from 1983. RCI is just as interested in better distribution of its programs in Europe as SRI is in better reception in Nam; and Canada has reiterated in the last few years its desire to cooperate with European external broadcasters (ORF Spanish DX via LADX) SRI S82 : 0145-0415 6135 9725 11715 15305. 0430-0630 9725 11715. 0600-0645 15430 17715 17840. 0700-0930 9560 15305 21520 21695. 1030-1300 15430 17795 21520 25780. 1315-1515 15305. 17830 21520 25780 21570. 1530-1800 15125 17830 21570 21520. 1815-2030 15415 1830 17850 17850. 2045-2245 15305 17830 17850 21520. 2300-0130 15305 17830 17850 21520. 0500-2245 3985 6165 9535. Red Cross BCing Svc: 25 & 27/10 0600-0700, 1130-1230, 1700-1800 721Q(PTT)

TAIWAN It appears that since the end of May, mainland China has reduced its blocking operations (what an elegant way to say jamming--LADX ed.) against pgms in Chinese transmitted from Taiwan and Russia. This may be due to a change in the foreign policy of Red China or to problems with the xmtrs because of mid-May flooding. Anyway, it has recently been possible to listen to clear reception from the Central Broadcasting Station. There are three pgms in Chinese: 24h on 6040 7150 7250 etc. 24h on 6180 11755 7105. Nx & mx pgm at 0955-2200 on 9630 6087 (NHK DX via Aug LADX) WYFR S82 via VOFc: 1200-1600 9765 E to China, final hour in EG. India 1400-1700 15225 entirely in EG (NL)

TANZANIA Natl Svc in SH reactivated on 9750 0300-2105 //6105; 4785 unhrd (Ginbey, RNMN 16/9)

TURKEY S82 TRT in TK: 0400-0700 7105 11770. 0355-0700 9615. 0700-0900 15125, 0700-1000 11955, 0700-1700 15220. 1000-1700 11955. 1700-2200 7155 9660. 2300-0250 11900 17760. The last mxn is not on the air Tuesdays (NewSpot 27/8) VOT in TK 0200 on 11900 mixed w/ R Magallanes 10/9, but no sign of RSA. TRT 7185 0255 14/9 IS and s/on to Turks abroad.

TURKS & CAICOS ISLANDS Fed up with stalemate over R Marti, William Kitchen and James Slay Pghter, owners of Quality Media Corp., Columbus GA, are building their own stn to beam nx, M mx and chat-chat to Cuba. They are convinced private bcers can do a better job than the govt. They are building 3 new stns on South Caicos, about 300 mi from Cuba, expect to provide a service to Cuban people and even make money. QMC believe their new stn operating outside US and w/out govt support, can avoid Cuban retaliation. FM stn and one of AM would be in EG w/religious pgm, second AM in SP for Cuba. Plans to sell time to private organizations but refrain from editorializing (Norman Black, AP, via Ted Powers, Rusty Serenberg, and DXSF) On 9/7 Kitchen confirmed your report that they had decided against SW; "plans have changed". Would not confirm 1030 and 1570 AM fqs as 'this recent jamming has made all our plans indefinite'. QM is an 'interesting' operation (Ted Powers, GA) Caicos Beacon due on 1/12 with 50 kW EG 1570, 50 kW SP 1020, Creole on FM (Chris Martin, NZDXT Aug) In a 16/9 RNMN interview Dan Dunnigan of QMC said their SP to Cuba on 1030 would be non-political; implied a third MW xmtr would be the "R Marti" (he kept using "R marti" as a generic term for this type of opn). QMC has been talking to Cuban exiles in Miami and this would operate from there as voice of the Cuban community. While he said they had authorization from T&C Governor General and Council to put on stn there, he hedged when queried if they had authorized them to radio-marti. BCing 31/8 via SWNS also reports that QMC would accept compensation for allowing the USG R Marti to use its 1610 Anguilla fq. No doubt it came as a surprise to the USG that there was such a stn... (gh)

UGANDA Your reports are being carefully studied by our technical experts and do hope to P rectify all the faults to give our esteemed listeners in Northern America a clear signal and enjoyable pgm to listen to (A P Lawoko, Dir of BCing, Kampala, via George Poppin, CA)

U S S R Soviet ES in EG, except R Tashkent & RWS pgms, expected to move one hour later E from 1/10 for the next 6 months, so R Moscow Nam svc 2300-0400 & 0400-0800; Vilnius 2300 T -2330; Kiev 0030-0100 & 0300-0330; Yerevan 0352-0358. Happened on RWS DX pgm GMT Sun X 29/8 0424 on 9600 etc. Anyone have full current sked? (gh) R Moscú SP DX pgm to Lam is on 1st & 3rd Mons (Tue UTC) of each month in the "Interlocutor" pgm between 0030 and 0100 on 9795 12010 12035 15110 15470 15500 17880 (Daniel Peloni, Argentina, Sept LA-DX) Armenian R ES in AM hrd from 5/9 on 11805 ex-15550 at 2030-2100 (WBI 9/9) Soviet ES rx 300,000 letters per annum (RM GB&I svc 20/8 via WBI 26/8) RSP&P EG 15/9 1530-1600 on 11940, P w/ same old BS amazingly like R Moscow (Kirk Allen, Ponca City OK) Also noted in EG 1315 ID H 21615 12/9. RWS 12/9 1821 on 24800, almost //11840; 4 x 6200? (gh) Have noted daily spurs from Pet-Kam 4485 1000-1500 ± 21.2 kHz at 4463.8 & 4506.2 (James W Young, CA, 17/9)

U A E UAE R on new 17830 0530 EG //17715 (Jeff Reeves, WA, SDC Sept) 15330, full ID in EG E 0356, VG (Jim Webb, Manaku NZ, NZDXT Aug) Typo? Consistently on 15300 here, 16/9 0330 (gh)

U K O G B A N I R Apollo and one or two others are lining up tests for NAM DXers but some C should also help reception in ANZ/SPAC (John Campbell, NZDXT) Possible test de R Apollo, 12/9 0500-0600, in order of likelihood, fq will be 7320, 7340, or 7325 (Gregg Bares, DC) Not hrd; 7320 had v weak stn w/pno mx, but no ID before f/out; 7325 & 7340 blocked by U utility QRM (Kirkman Baxter, WB@AXX, KS) BBC Daventry LSB feeder 9103 30/7 0015-0415, L Lam svc in SP // 6838 A3H, apparently new fq (R J Lewallyn, DK S FL) Oct brings lots of pgm changes on BBCWS; full details in RIB, but of particular interest here is the expansion of Waveguide from 5 to 10 (9?) minutes, requiring resked to: Mon 0915, Tue 0100, Wed X 0430 & 1735: "It can...also give news about other radio stations." The BBCWS looks at itself on its 50th anniversary, in a 5-part series Mons 0315, Mons 1415, Thurs 1015 (ex 7th 1030), Fris 2145. Daily Commonwealth Games sps thru 9/10, 0745 & 1015, 1430 & 2115. Dorita has Lam mx on Fiesta, Sats 0330, Tues 0830, Fris 0630; Music from Wales Weds 0215 & 0945, Fris 0530. As for fqs to NSCAM, 21710 at 1300-1745 but not 2000+; Greenville 0030-0330 on 9505, a change made some time ago. 9410 at last admittedly for here but only at 0230-0630. 25650 still on until 1515, but not for NAM (Oct London Calling, gh)

U S A WRNO: Contrary to plans in Sept LN-25, conflict w/Moscow-Cuba at 2300-0200 avoided X by using 11965 instead, with 9615 possible replacement w/MUF decline. So WORLD OF RADIO remains Suns 2330, and GMT Suns 0230 when on 6155, but the Tues 1900 repeat is dropped. I hope most like this arrangement and would appreciate reports from all over NAM on how reception on these two airings compares. The pgm, however, does not issue a QSL. Thanks. If WRNO is carrying a west-coast Sunday afternoon football game after DST ends, chances increase that the Sunday repeat of W.O.R. be preempted. Some listeners have missed W.O.R. on either airing by not staying tuned, as WRNO sometimes finds it necessary to start the tapes late. Meanwhile, they've finally got permission to simulcast FM-100, resulting in a considerably different sound and lots of local New Orleans ads (gh) Sun 0230 6155 a great success and should get better w/longer nites; good idea keeping 2330 too (Newkirk)

R Miami: More info on SW application: Ant will be corner reflector, low gain w/hi P takeoff angle of 12°; 60° beamwidth, main lobe S; 6-17 MHz range; operating cost first year projected at only \$500,000 (Roger Stubbe, NCJB DX Party Line 30/8 via Sept RIB)

WYFR: Was definitely OOB on 15460 in late Aug but apparently went back to 15460 for S82 (gh) spur moving back and forth between 21907 & 21910 //21615, none on lower side, 1900 E (Mitch Sams, AR, 7/9) Contrary to sked, noted eves in EG on 6065, ex-9715? Canadian fqs carry PT service 1900-2000, 11830 (gh) See Also TAIWAN, previous page

VOA: New chief will be Kenneth Tomlinson, Reader's Digest senior editor, 38, A-OK w/ rightists, winning out over Charles Z Wick's first choice Michael O'Neill, former editor of NY Daily News, considered to be too liberal (Evans & Novak, NY Post 2/9 via Frank Egbert & David Alpert) VOA advertising for help in the news dept; 7 yrs journalistic experience required, area expertise & lang skills important; immediate openings in Lam & SAs (Classified ad in 23/8 Broadcasting via MacHarg) VOA frequency division at Washington provides a guide in graph format showing xmtr site, power, also for AFRTS, UN, OAS, RIAS. It's just like the one the verie signers use, so order now! (hi) (Nolan Stephany, Williamson NY) VOA advises that OOB fqs are 9840. Eu EG 0500-0700 500 kW; 15880 [sic, should be 15580] FR Af 0500-0630 500 kW, Eu 1500-1800 250 kW; 17640 50 kW 1100-1800 Eu, 1830-2230 Af, 0000-0400 ECarib&SAm; 21840 1200-1600 Eu 50 kW, all from Greenville (Arthur Cushen, NZ, UADX; SCDX 17/8) The OOB channels are intended for general reception worldwide, avoiding QRM within the bands (Warren R Richards, Fq Div Acting Chief via Craig Seager, NSW, ADXN) VOA on full AM 0030 15653 // 17640 (Jim Conrad, IA, 17/9) Spanish numbers 0207-0222\* C 22/8 on 15652. I maintain this is via VOA Greenville, as used 2300 on feed to MW Antigua based on sig level, audio compression, mod and fq similarities. As a lark, I've written for a QSL (Terry Krueger, FL, DXSF) SSB VOA feeder w/Af svc on 15877± 2130 (Joe Hanlon, PA, 18/8) VOA G w/PT to Bz1 2310 on 5965 // 9670, fast format so don't confuse Gusaiba (Geoff Cosier, DX-Australia) 5965 not in S82 sked for that svc (gh)

AFRTS: [Cf Aug LN-24] Oliver's 6300 unID was AFRTS feeder from Gvl to Philippines, hrd here 0400 1/8 w/usual nx after baseball (Nolan Stephany, Williamson NY) What you hrd likely punchup error for 6030, certainly not to Philippines; Oliver had classical mx, which AFRTS might use only as brief mx filler (gh) NBC dropped Galaxy, Here's Morgan and I. People Poll. On AFRTS, Mutual's Decisions of the 80s, and ABC's Gordon Williams business reports replace them (David R Alpert, NY, 7/9) AFRTS SSB 2103 11/9 on 13645, some 7 kHz below where last hrd on 22mb, about a second behind 17765, so multiple satl hop(gh)

U Sked for 'broadcasts' of CG Comms Stn Portsmouth VA, NMN, as ancd 14/8: Offshore fore-  
L cast 0400 & 1000 on 4, 6, 8; 1600 & 2200 also w/Gulf Stream Location on 6, 8, 13. High  
seas forecast 2330 on 6, 8, 13. Exact USB fqs: 4428.7, 6506.4, 8765.4, 13113.2 (David  
A Alpert) 30/8 at 0032 on 18113a, hrd KMZKDU on USB contacting inaudible KMZKDW, sounded  
like hams on their new band, anyone know for sure? (Mike MacCollum, IN) Experimental (gh)

TIS: A Smoky Mtn ranger this summer marked a map at these locations for 1610 xmtrs:  
Cades Cove, Elkmont, Sugarlands, Cherokee Orchard, Clingmans Dome, Smokemont, Oconaluftee  
(gh) Brookfield Zoo, Chicago has a 1610 TIS w/1 min loop giving call KMB 3957, parking  
info (Tom Jasinski, Shorewood IL, IRCA DKM 7/8) And a 1610 TIS at Devil's Tower Natl Monu-  
ment WY, describing attractions, dangers, call KOB 735, hrd up to 10 mi away (Larry Wild,  
Aberdeen SD, NRC DK News 23/8)

M AM Stereo: [See also CANADA] [Cf Sept LN-26] WNBC-660 NY is now 'Stereo 66' (John Ko-  
\$ kinda, Marblehead OH, 22/8) Besides the stns already reported, a Kahn ad in Radio World  
mentioned WFBR-1300 Baltimore MD (an early stereo tester years ago) and WOWO-1190 Ft Way-  
ne IN as also using their system; on 4/8 FCC type-accepted the Harris system, and WQXI-  
790 Atlanta GA went on with it; WMOE-1060 New Orleans LA planned to by 27/8 (gh) WSGN and  
WATV in Birmingham have ordered Kahn eqp and so has WQXI just in case (Atlanta Constitu-  
tion 8/9 via John P Frew, WYXC) WGN-720 Chicago also bought Kahn (ibid.) WFIL-560 Phila-  
delphia and KSL-1160 Salt Lake UT expected to go stereo w/Kahn by Labor Day. WAMB Nash-  
ville planned to convert to stereo in fall w/Magnavox system, not yet type-accepted (Elec-  
tronic News 23/8 via Brett Saylor, PA, RIB) How about WRNO???

UPPER VOLTA Current RTVV sked: 4815 Mon/Tue/Wed/Fri 0530-0900, 1600-2400; Thurs 0530-0800  
& 1600-2400. Sat/Sun 0700-0800, 1600-2400. 9515: Mon/Tue/Wed/Fri 1200-1400; Thurs/Sat/  
E Sun 0800-1600. Nx in FR: 0630 M-F, 0730, 1000 Sat/Sun, 1200, 1300, 2000, 2230. EG Sunday  
P 1330-1400. A 50 kW SW xmtr is planned for Ouagadougou (A Sommerfeld, NL)

URUGUAY La Radio, Montevideo, on 12069 13/6 1730, political pgm, 2 x 6034.5 (Emilio Pedro  
H Povrzanic, Argentina, LADKR) SODRE 15273 G w/light mx, SP ID 0100 16/9 (Richard E Wood,  
MO) 9620 relays 1290 and 15275 relays 1050 at 0850-0300. Stns on 650 and 890 have no SW  
relay; 6045 always used by R El Espectador (810). 6035 stn sked 0800-0600 (D M Faccioli,  
X Uruguay, NL) DX pgm from ham stn CX2SA, Sats 0340 on 7045, accepts taped or written con-  
A tributions. Addr: Ap. 477, Minas, Lavalleja (CX2 via Aug LADK)

VANUATU Port Vila, 3945 on late 31/7 w/local talks, sung ID 1324, "Radio...Radio...Radio  
Vanuatu" to 1328\*, vy strong (Matthew Francis, Tasmania, ADKN)

VENEZUELA R Mara, Maracaibo on 3275 23/8 0045 I AM pops, several clear IDs by M to 0100\*;  
no sign of Alagoas (Kevin L Meyer, Falls Church VA) R Nacional, 9529 1855\* 23/8 w/full ID  
&NA; G sig, no QRM, why close down at 3 pm? (Gerry Bishop, PA) \*0301 14/8 on 9530, in  
line w/skcd on RNMN [Cf Sept LN]; also says xmtr at Campo Carabobo, tending to confirm  
our suspicion that R Nacional had access to more than one SW xmtr site as in fact was lig-  
ted in WRTH 75(SWNS) R Rumbos, Villa de Cura, 28/6 1015 mx on 9658 (Povrzanic, LADKR) Ten-  
tative R Carora, 4908, at 0401\* after vocal NA; again 1017-1022 c/off in mid song and did  
not return, 8/8 only, not since; hasn't this been inactive? (Bob Hill, CA, 21/8) R Táchira  
pgm 11/8 0135 on 4710 //4830--a link for relay elsewhere in Venez? excellent sig; obvious-  
ly not Bolivia (Dario Monferini, Italy, Play-DK) Ecos del Torbes, 4980, 10/8 0301 w/EG ID  
then usual SP pgm (Jack Jones, MS) Regulars are LV de Carabobo 4779, R Lara 4797, F-G  
after 0300 w/mx, SP IDs; latter to 0353\* apx (Ronald P Kumetz, Jr., Elmwood Park NJ)

VIETNAM Re BBCMS VOV sked in Sept LN, 10180 has not been traced, nor had 7515 for several  
months, which it was supposed to replace. Lang Son came back on 6510, \*1145-1245\*, half  
in Viet, half in Muong; IDs say 49m. Lam Dong reactivated on 4215, \*1200-1230\* 3/8 Viet  
& Khmer-type minority lang. (Isao Ugusa, DK Front Line, Japan) Vinh Phu \*1300-1330\*  
at 4243; Nghe Tinh is prone to wander the lower half of 60m, hrd during our survey on 4813 1/2  
at 1200-1315\* (DUDXS) Most consistent and strong Viet regional is Cao Bang, 6528v, \*1200-  
1335\*, full orchestral s/on mx, ID, anmts, much solo singing by woman; M/W/F runs to 1400\*  
(James W Young, Wrightwood CA) Lai Chau, 5600 \*1145-1300\* 10/8 but drowned out 1215 by  
Voice of Malayan Democracy which runs to 1330\* //6670 (Victor Goonetilleke, SL, ADKN)

YUGOSLAVIA RY, 9620 hrd 30/8 2225 w/disarmament talk, severe RBI QRM (Gerry Bishop, PA)

ZAMBIA Kinshasa on new 7255 0100-0200\* // 15245 (Victor Goonetilleke, Sri Lanka, RNMN 26/8)  
LWZ 0430 7255/9770/11720, no sign of 15245/15350 for some time. R CANDIP on new 5090v  
to 2000\*, ex-1900\* (Richard Ginbey, NL) R Candip, 5066.5a, \*0327-0400 carrier, wild lifelie  
percussion, FR M 0332 & W w/'Candip', more mx, f/out by 0400; something on 3390 but unable  
to pull enough audio to see if it was the reported //; 11/8 (Terry L Krueger, FL, DKSF) un-  
ID Russian stn on 5067 1820-1840 29/8 & 2/9, not Zaire (Giuseppe Zella & F Sandri, PlayDK)

ZAMBIA R Zambia, EG ID & Eu mx, 25/7 1830-2200, poor (P L Calligaro, Udine, Play-DK) 27/7  
same, good (Giuseppe Zella, ibid.) Genl svc now on 7250, 10 or 20 kW 0355\*, probably un-  
til s/off [when else? hi]. HS often on 7220 at 0500. ES still has problems w/50 kW xmtr,  
e.g. nom. 11880 misaligned on 12180, Sun 0550-0730\*, new s/off time, while at night 9580  
can also be hrd on stronger 9480 and weaker 9680. 6060 is the strongest ZBS sig, so may  
be the 250 kW xmtr (Richard Ginbey, RSA, NL) ES silent again, due to Zambian/South Afri-  
can talks? That's what happened during previous talks (Ginbey, RNMN 16/9) Fq for first  
two items above was 3295--and I meant to query--not Namibia? qv (gh)

ZIMBABWE Ft Victoria, Radio One hrd on 1704 kHz at 0340 w/EG pops 10/7, 2 x 854 kHz, SIM-  
H PO 35433; Radio One, Untali on 1960, 2 x 980 at 0345 //1704 (Vashek Kofinek, RSA, DSWCI)

ED. NOTE: We made it thru the alfabet but lack of space prevents unIDs, Clands, pirates,  
Publications & misc from appearing this month. Next page was held over from last month.

V of Free Radio [CF Aug LN-27] I inadvertently omitted the fq for this one: 7310 (gh)

WCVU FCC pulled plug on John Hart's unlicensed 15-watter in Virginia Beach VA during its first anniversary celebration 13/8 Friday. Agents feared WCVU would QRM aircraft xmsns at Norfolk Intl Airport; it already blocked sigs from NC & MD stns. 25-year-old Hart, an auto mechanic, operated the stn from a trailer park. It was on the air 3 nights a week, sponsored phone-in contests, had volunteer ancrs and aired net xcasts picked up from a legit stn. "It was good for the park," said Mike Freeze, asst mgr of the Colonial Run Mobile Home Park. "If people lost a dog or cat, they knew they could call and everyone in the park would get the word." Hart, who started the stn as a hobby, received a written warning from Jerry Freeman, Regional Engr-in-charge of the FCC's Norfolk office. He could face \$10,000 in fines and a year in jail if convicted of illegally operating a radio stn. But Hart says he's trying to find ways to get his stn back on the air legally. Freeman said the FCC learned of the stn 3 months ago and used spl eqp to locate WCVU's signal (UPI 15/8 via Ken MacHarg, IN) FM I guess

## PUBLICATIONS

Review of International Broadcasting brings you quick-reference up-to-date skebs of broadcasts in English, transmissions, programs plus abundant listener opinion, equipment forums, full schedules of stations, BBC program information in advance, a Clear Channels column on MW pgm listening, transcripts of gh's DX reports on RCI, thought-provoking articles. Every NASWA member should sample a copy of RIB, for \$1.25 US funds in North America, \$2 US funds overseas airmail; subscriptions are US\$15 by first class in NAM. Order from Glenn Hauser, Box 6287, Knoxville TN 37914

LA DXing, revised edition 1982, is excellent 118p softbound book, slightly larger than FRENCH compiled by Japan's "Radio Nuevo Mundo" group of LA DX enthusiasts. Emphasis is on detailed monitoring of stns, exact transcriptions of ID announcements, etc. Begins w/fq list of LAm loggings in Japan 1981-1982, which in trop bands is limited to stn's morning xmsns. A great many repros of stn logos and publicity material; 10 "DX 'ismo" articles by Ralph W Perry, which are station portraits based on monitoring and personal contact. Full pgm skebs of several stns; DX Dictionary with 300-item Spanish vocabulary, 150-item Portuguese, and the compilers obviously know these languages very well; DX calendar by date made up mostly of stn anniversaries and holidays in various countries. I recommend it highly for anyone interested in DXing Latin America. US\$6.00, no checks, or 12 IRCs for airmail delivery worldwide; order from Tetsuya Hirahara, 5-6-6 Nukui-kita, Koganei-shi, Tokyo 184, Japan (gh)

QTH Africa discontinued due to editor Miki Věclář being tied up with TV repair business; refunds were to be sent to subscribers (R RSA DX 3/7) Sorry to see this go. Miki's various DX tapes to DX programs such as DX Party Line have also disappeared (gh)

Backscatter Radar Unit Enters Production Phase, 3 page article from p. 68, Aviation Week & Space Technology, 16/8, by Kenneth J Stein, illustrated, on new US system being built in Maine, explains how it works in language not extremely technical (via Joseph Buczynski, MA)

Monitoring the Falklands Crisis is gh's topic, for "DX Listening" in the September Popular Electronics, pp 94-96, now on sale--hurry to get it before the October issue displaces (gh)

A Simplified Model of the High Latitude Ionosphere for Telecommunications Applications, Jan 82, 34p NTIA Report 82-93, sponsored in part by AF Geophysics Lab, Hanscom AFB, MA; order # PB82-187196, \$4.00 microfiche, \$9.00 paper; order from: Natl Technical Info Svc, Springfield VA 22161 (Govt Reports Anmt & Index 30/7 via R Horvitz)

AM Receiver Performance for 10 kHz and 9 kHz Signal Spacings, Mar 82, 51p FCC technical memo, order # PB82-192576, same prices, addr and source as above.

Development of Techniques to Assess Interference to the MF Broadcasting Services, Jan 82 60p NTIA ITS report, order # PB82-194598, same prices, addr and source as above.

WRTH 1981 edition, for anyone still interested in obtaining a copy, Radio West still has a number of copies remaining. Contact them at 3417 Purer Rd., Escondido CA 92025, phone 714-742-2891 (Steven R Lare, MI)

National Anthems of the World, eds Martin Shaw, Henry Coleman, T. M. Cartledge, published by Arco Publishing Co., Inc., 219 Park Ave S, New York, NY 10003. Many libraries have it. It has all of the anthems--about 200! Even "Nkosi Sikelel'i Africa" (The Bantu anthem). On the tropical bands especially, an anthem or IS is often a more certain ID than a crackly, undermodulated OM or YL mumbling in an unID lang. Of course, it helps if you read mx and play an instrument, but even if you don't, you can still show off and give the proper name of the anthem (Richard McVicar, July DX Ontario)

Equipment & Accessories Suppliers is the topic of Part IV of the SWL article by Bill Welsh, in Aug Amateur Radio QJ magazine, pp 66-71. Brief references by Bill Welsh to stores, magazines, suppliers, other sources of help to radio hobbyist; also how and what to look for in a receiver. Part V in next issue, Loudspeakers, Earphones, Antennas & Ground (R Jordan, PA)

CBC Radio Guide, based on reader survey, from Nov will become monthly instead of fortnightly, and listings for CBC Radio and CBC Stereo will be separated. Price now \$10 for 12 issues, or \$18 for 24 issues = 2 years; by first class, \$25 a year. Visa or MasterCard OK; allow 6 wks to begin. "US subs payable in US funds". Addr: Box 320, Station A, Toronto Ont M5W 2J4 (CBC)

US DX Association I sent \$1 and have not received bulletin; nor replies to several f/ups. Nor did I rx anything for another \$1 sent to AIDX before their merger. Wonder what they are doing with my dollar and if this is a widespread problem (Steven R Lare, MI) USDXA undergoing big change, new editor named (Mitch Sams, OMDC 1/8) Andy Newton is no longer associated w/USDXA. Members & others desiring info on club status send SASE to Dave Snyder, 1137 E 12th St., Brooklyn NY 11230 (HCJB DX Party Line)

# QSL REPORT

Sam Barto, NASWA QSL Editor  
489 King St.  
Bristol, CT. 06010 USA



ADMIRALTY ISLANDS: Radio Manus 2428

f/d form ltr. in 57 ds. for 2 IRCs.

v/s Mr. John D. Isinli, Station Manager (Bryant-OK).

ALBANIA: Radio Tirana 7065 f/d cd. in 96 ds. for a FR rpt.

(Michaud-QUE).

ARGENTINA: RAE 11710 n/d "Logo" cd. w/ personal ltr. in 1 mo. for an EG rpt. v/s Roxana

Largai. (Plum-NJ). 9690 same in 21 ds. for 2 IRCs. v/s as above plus Julio Lagos, Coordin-

ator General. (Samuel-MAN). Radio El Mundo 9710 cd. in 1 mo. for a SP rpt. and 2 IRCs.

v/s Amelia Ferreras. Sticker rcvd. (Kohlbrener-PA).

ARMENIAN SSR: Radio Yerevan 18780 in only 28 mo! (Connell-CA).

ASCENSION ISLAND: Radio Atlantico del Sur 9710 f/d "Map" cd. in 20 ds. (Darling-UK). same

\* in 3 mo. for a SP rpt. and 2 IRCs. (Lazarus-LA). VOA 17830 f/d cd. in 20 ds. (Kohlbrener

ASIATIC RUSSIA: Radio Moscow via Armariv 11700 f/d "TV Tower" cd. in 30 ds. (Stephany-NY).

(Stephany-NY). via Kenga 12060 cd. in 1 mo. (Gliksman-IL). same in 5 wks. (Valko-PA).

9580 via Blagoveshchensk w/ f/d "Moscow at Night" cd. in 37 ds. (Purdum-MI). 11790 f/d

"Red Square" cd. in 43 ds. (Connell-CA). via Petropavlovsk-Kamchatsky on 17700 f/d "Nati-

onal Economic Exhibition" cd. in 1 mo. (Orcutt-CA). via Khabarovsk on 12050 f/d "Lenin

Square" cd. in 37 ds. (Purdum-MI). 11770 f/d "Tretyakov Gallery" cd. in 30 ds. (Stephany)

AUSTRALIA: Radio Australia 17795 via Shepparton f/d "Black Swans" cd. in 13 ds. v/s Peter

Bainn, Director of Overseas Services. (Stephany-NY). 15115 same cd. in 13 ds. v/s Peter

Barnett, Director. (Connell-CA). 5995 via Lyndhurst f/d "Koslas" cd. in 1 mo. (Plum-NJ).

VLR9 9680 via Lyndhurst f/d "Map" cd. in 38 ds. (Stephany-NY). VLR9 9680 f/d "Map" cd.

in 281 ds. for 1 IRC. (Palmerseheim-MN). (George-NC).

AZERBAIJAN SSR: Radio Moscow via Baku on 15260 f/d "St. Basil's Cathedral" cd. in 27 ds.

BELGIUM: BRT 11695 and 21810 f/d cds. in 27 ds. (Palmerseheim-MN). 11695 f/d ltr. in 9 wks.

(Plum-NJ). 17595 and 11695 f/d "Boach and Mearling" cd. in 23 ds. (Stephany-NY). KBC

Radio 6222 cd. in 152 ds. for 1 IRC. (Darling-UK).

BELIZE: Radio Belize 3285 p/d white "Map" cd. for 1 IRC. v/s J. Johnson. (Chorosy-ME).

BOLIVIA: Radio Ilimani 6025 ltr. in 13 wks. for a SP rpt. and 1 IRC. v/s Mario Ortiz

\* Ortiz. (Gliksman-IL). Radio Padilla 3480 personal ltr. in 11 mo. for a SP rpt. v/s Ana-

nda Paredes. (Lobdell-MA).

BONAIRE: Radio Nederland 9895 f/d "Authentic Costumes" cd. in 9 ds. (Plum-NJ).

BRASIL: Radio Nacional do Brasil 17830 "Studio" cd. in 138 ds. for an EG rpt. v/s R. Hwe-

dof. (Tekulve-OH). 15290 f/d "Congress Hall" cd. w/ sticker in 137 ds. (Bryant-OK). 15290

\* and 17830 f/d "Monument" cd. in 120 ds. for 2 IRCs. (Hosmer-MI). VOA 17740 via RadioBraz

f/d "Golden Gate Bridge" cd. in 5 wks. after a f/up rpt. (Craighead-KS). same in 16 ds.

(Buer-FL). Radio Bandeirantes 9645 and 11925 n/d "Logo" cd. via registered mail in 1 mo

\* for a PT rpt. and 1 IRC. (Palmerseheim-MN). Radio Universo 6020 f/d personal ltr. and

prepared cd. in 3 $\frac{1}{2}$  mo. for a PT rpt. and ms. (Lazarus-LA). Radio Record 11965 form ltr.

w/ sticker in 3 mo. for a PT rpt. and ms. v/s Selma Maria Leite, Assessoria de Comun-

icacoes. (Lazarus-LA).

**BRAZIL:** Radio Cultura da Bahia 9595 p/d ltr. in 3 wk for a PT rpt. and 1 IRC. (Gliksman-IL). aud-QUE).

**BULGARIA:** Radio Sofia 15330 n/d cd. in 105 ds. (Mich-BYELORUSSIAN SSR: Radio Moscow via Minsk on 15540 f/d cd. in 3 mo. (Valko-PA). in 39 ds. (Palmerstein)

**CANADA:** CHU 7335 p/d "Sir Sanford Fleming" cd. in 32 ds. (Mayer-PA). CFRX 6070 p/d cd. in 11 ds. (Kohl-bremer-PA). Radio Canada International 17875 p/d "Canada Council" cd. in 21 ds. w/ pennant and sticker. (Kimmell-ONT). same cd. in 54 ds. (Tekulve-OR). 15235 same cd. in 1 mo. (Witte-CA). 5960 cd. w/ pennant and sticker in 20 ds. (Michaud-QUE).

**CANARY ISLANDS:** Radio Exterior de Espana 15365 f/d "World Cup" cd. in 1 mo. for a SP rpt. (Plum-NJ). f/d "Las Meninas" cd. in 1 mo. for 2 IRCs. (Orcutt)

**CELEBES ISLANDS:** RRI Ternate 3345 f/d IN form ltr. in 40 ds. for an IN rpt. and ms. v/s Rusdy Bachmid, Director. (Bryant-OK). same in 37 ds. for 2 IRCs. (Moore-HOND)...Hi Don. Thanks for the items in the letter....Sam.

**CHINA:** Radio Peking 17680 f/d "Chairman Mao Memorial Hall" cd. in 20 ds. w/ tags. (Tekulve-OR). f/d cd. w/ bookmarks in 22 ds. (Kohlbremer-PA). 17855 f/d "Great Wall in Autumn" cd in 27 ds. w/ Panda bookmarkers. (Connell-CA).

**COLOMBIA:** Ondas del Darien 6085 p/d personal ltr. in 15 ds. for 1 IRC. v/s Manuel Cardona Agudelo, Director General. (Moore-HOND). Radio Guatapuri 4815 n/d ltr. in 9 wks. for a SP rpt. and ms. v/s Sara Emilia Ballestas C., Corresponsal. Addr: Calle 17 #15-67. (Plum-NJ).

\* Ondas del Ortezguaza 4975 personal ltr. in 1 mo. for a SP rpt. and ms. v/s Elizabeth David de Santos, Gerente. Also rcvd. 2 pennants. (Lobdell-MA).

**COOK ISLAND:** Radio Cook Islands 11760 f/d "Logo" cd. in 22 ds. for 2 IRCs. v/s Nooroa E. Tam-gara, Director. (George-NC). f/d cd. in 42 ds. for 2 IRCs. (Blow-NY).

**COSTA RICA:** Radio Baloi 4832 p/d cd. in 16 ds. for an EG rpt. and 2 IRCs. v/s Francisco Barabona. (Erickson-PA). p/d "Logo" cd. in 6 wks. (Barto-CT). in 4 mo. for a SP rpt. and 1 IRC. (Gliksman-IL). in 6 wks. for 1 IRC. (Plum-NJ). in 150 ds. for ms. (George-NC). in 125 ds. for a SP rpt. and ms. (Stephany-NY). 6006 red, white and blue cd. in 16 ds. (Strandberg-CUBA: Radio Moscow via Habana on 11840 f/d cd. in 47 ds. (Choroszy-ME). same in 5 wks. for an EG rpt. (Plum-NJ).

**Estimado Auditor:**

via Ron Howard

Es nuestro deber cente-tar tan amable carta y tarjetas dende nos acusa recibir de nuestra Onda Certa, a pesar de la inmensa distancia nos sentimos unidos como hermanos. Reciba cordiales saludes y nuestros sentimientos de congratulacion del personal y gerencia de la emisora. Afte. RADIO PATAGONIA QUILLONA, S

Clayton & Helen Howard - Hosts

20th ANNIVERSARY QSL CARD

May 29, 1981

via Tony Fernandez in Puerto Rico

DX PARTY LINE  
Radio Station HCJB  
Quito, Ecuador

HCJB

UNIVERSAL  
931-198

Dr. & Mrs. Clarence W. Jones - Co-founders  
50 years later

**DENMARK:** Radio Denmark 17770 f/d cd. in 3 wks. (Palmerstein-MN). 11825 "Lovely Land" cd. in 15 ds. (Erickson-PA). 15165 cd. in 12 ds. (Stephany-NY). f/d cd. in 2 wks. Now have all four parts for framing! (Palmerstein-MN)

**ECUADOR:** HCJB 15155 f/d "Hibiscus" cd. in 3 \* wks. (Plum-NJ). Radio Jesus del Gran Poder 5050 p/d ltr. w/ pennant in 5 mo. for a SP rpt. and ms. v/s R.P. Jorge Enriquez Silva, Director. (Orcutt-CA). Radio Quito 4920 n/d blue folder cd. in 1 mo. for a SP rpt. and ms. v/s Alfonso Laso. (Plum-NJ). HD210A 7600 cd, ltr. and pennant in 27 ds. for 1 IRC. v/s Homero Arellano Lascano, Jefe Division Ayudas a la Navegacion. Addr: Casilla 5940. \* Guaysquil. (Darling-UK). Radio Popular Independiente 4800 f/d cd. w/ personal ltr. in 6 mo. for a SP rpt. and ms. v/s Manana de Villavicencio. (Lazarus-LA).

**EGYPT:** Radio Cairo 9475 "Mosque" cd. in 66 ds. (Tekulve-OH). f/d "Sadat Memorial" cd. in 2 mo. (Plum-NJ). cd. in 99 ds. (Michaud-QUE).

**ENGLAND:** BBC 15070 n/d "Bridge" cd. in 11 wks. (Wilkins-CO).

Dear Mr. James B. Douglass

This card verifies your reception of  
The Lebanese Broadcasting System, Beyrouth,  
on 17 Avril 1980

at 02, 26 - 02, 33 GMT

Frequency: 11820 Khz

Power: 100 Kw

Thank you!  
via Frank Harrington & Ken Briceau

**ENGLAND: Radio Hexagon Inter-**

- \* national 6245 ltr. and prepared cd. in 7 ds. for SASE. v/s Mike Hayes. Program was via the facilities of South Dublin Radio. (Darling-UK)... Shouldn't this be Ireland???
- \* Radio North Staffordshire 6250 paper cd. in 30 ds. for SASE. 15 watts. (Darling-UK).
- \* Radio Poacher International 7374 n/d personal ltr. in 15 ds. for an SASE. (Darling-UK).
- \* County Radio 6275 cd. w/ ltr. in 65 ds. for SASE. 10 watts! (Darling-UK).

**EUROPEAN RUSSIA: Radio Moscow**

- 15100 via Moscow f/d cd. in 1 mo. (Orcutt-GA). 15510 cd. in 3 mo. (Valko-PA).
- 15440 via Ryazan f/d cd. in 39 ds. (Palmerheim-MN).

**FEDERAL REPUBLIC OF GERMANY: Deutsche Welle**

- 9650 f/d "EDXC Contest" cd. in 54 ds. (Mmster-GA)... Thanks for the items!... Sam. 6085 same f/d cd. in 3 wks. (Samuel-MAN). 11865 cd. in 3 mo. (Plum-NJ). Radio Liberty 21510
- \* via Holzkirchen p/d "Map" cd. in 14 ds. (Buer-FL). Radio Concorde International 7395 cd. w/ ltr. in 32 ds. for 2 IRCs. Transmission was via Radio Hotel Amigo in Holland. v/s Chris Rogers. (Darling-UK)... Holland???
- FRANCE: Radio Atlantic 2000 7340 cd. in 41 ds. for 1 IRC. 20 watts! (Darling).
- GABON: Radio France International 15435 via Moyabi f/d "50th Anniversary" cd. in 1 mo. w/ pennant. (Noonan-WI).

**GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International**

- 11975 f/d cd. in 23 ds. (Tekulve-OH). f/d "Rostock" cd. w/ sticker in 7 wks. (Plum-NJ). 17830 and 21465 f/d "Neubrandenburg" and "Erfurt" cds. in 6 wks. (Barto-CT).

**GHANA: GBC #1**

- 4915 f/d "Logo" cd. in 61 ds. for 2 IRCs. (Connell-CA).

**GREECE: VOX 9770 via Kavaia**

- f/d cd. in 6 ds. (Plum-NJ). Voice of Greece 9865 f/d "Rhodes" cd. in 1 1/2 wks. (Plum-NJ). Radio Station Makedonias 15040 f/d "Chios" cd. in 6 wks. (Lobdell-MA). (Manning-TX).

**GUYANA: Guyana Broadcasting Service**

- 5950 f/d ltr. in 83 ds. for 2 IRC

**HAWAII: WVVH**

- 10000 p/d "Aloha" cd. in 25 ds. v/s C.L. Trembath. (Purdum-MI). 15000 f/d "Houkalea" folder cd. in 24 ds. (Stephany-NY).

**HOLLAND: Radio Nederland**

- 17605 f/d cd. in 3 wks. (Kohlbremer-PA).

**RADIO NOVA INTERNATIONAL**

- 7290 personal ltr. in 18 ds. 10 watts!

**\*0700-1100\***

- (Darling-UK). Radio Mebo 6226 ltr. in 20 ds. for 1 IRC.

**(Darling-UK). Radio Tropical International**

- 6260 f/d ltr. in 17 ds. for 1 irc. (Darling-UK).

**HONDURAS: HRVC**

- 4820 "Logo" cd. in 8 ds. v/s Eindy L. Maradiaga. Since receiving the QSL I have visited the station. She is a very friendly person. (Moore-HOND)... OK You bet! I know you Don. Hi!... Sam.

**HUNGARY: Radio Budapest**

- 9585 "Logo" cd. in 29 ds. (Tekulve-OH). 11910 f/d cd. in 21 ds. for 1 IRC. (Mayer-PA). 17710 cd. in 51 ds. (Palmerheim-MN).

**ICELAND: ISBS**

- 13797 f/d cd. in 2 wks. (Bishop-PA).

**INDIA: All India Radio**

- 11620 f/d "Chandra Palace" cd. in 78 ds. (Choroszy-ME). 15110 f/d "Flora Fountain" cd. in 3 mo. (Barto-CT).

**IRAN: Voice of Revolutionary Iran**

- 9022 f/d cd. in 62 ds. for a taped rpt. (Michaud-QUE).

**ITALY: RAI**

- 9575 and 11800 f/d cd. in 228 ds. (Michaud-QUE). 9575 f/d "Glorione" art cd. in

**\*2 1/2 mo. (Plum-NJ). Radio Pace**

- 15473 p/d ltr. in 6 wks. for an EC rpt. v/s Tim Holme. (Bis-

**JAPAN: Radio Japan**

- 17755 f/d "Wisteria Flowers" cd. in 18 ds. (Rose-CA). 15325 hop-PA). f/d "Kokeshi Dolls" cd. in 55 ds. (Connell-CA). 21610 f/d cd. in 37 ds. (Clifford-FRG).

**JAVA: Voice of Indonesia**

- 11790 p/d "Jatijajar" cd. in 90 ds. for an EC rpt. (Stephany-NY). same in 96 ds. for 1 IRC. (Hosmer-MI). "Balinese Couple" cd. in 6 mo. for 2 IRCs. (Purdum).

**KAMPUCHEA: Voice of the People of**

- Kampuchea 9695 f/d cd. in 380 \* ds. (Gavaras-MN). same in 16 mo (Gunderson-KY).

**KENYA: Voice of Kenya**

- 4915 f/d ltr. in 6 mo. (Huniwell-NJ).

**QSL HALIFAX NOVA SCOTIA CANADA**

To CHRIS LEITHNER

Confirming your reception of Station: CHNS 960 KHz  10,000  
 CHNX 6130 KHz  500  
 CHFX 101.9 Mhz  100,000

Broadcasting 24 hours daily [English Language]

Date JAN. 8/49

*Judy Carruthers*



**ICELAND: ISBS** 13797 f/d cd. in 2 wks. (Bishop-PA).  
**INDIA: All India Radio** 11620 f/d "Chandra Palace" cd. in 78 ds. (Choroszy-ME). 15110 f/d "Flora Fountain" cd. in 3 mo. (Barto-CT).  
**IRAN: Voice of Revolutionary Iran** 9022 f/d cd. in 62 ds. for a taped rpt. (Michaud-QUE).  
**ITALY: RAI** 9575 and 11800 f/d cd. in 228 ds. (Michaud-QUE). 9575 f/d "Glorione" art cd. in \*2 1/2 mo. (Plum-NJ). Radio Pace 15473 p/d ltr. in 6 wks. for an EC rpt. v/s Tim Holme. (Bis-)  
**JAPAN: Radio Japan** 17755 f/d "Wisteria Flowers" cd. in 18 ds. (Rose-CA). 15325 hop-PA). f/d "Kokeshi Dolls" cd. in 55 ds. (Connell-CA). 21610 f/d cd. in 37 ds. (Clifford-FRG).

**CHU**

**DOMINION OBSERVATORY  
OTTAWA CANADA**

THANK YOU FOR YOUR  
REPORT OF THE DOMINION  
OBSERVATORY'S VOICE

TIME SIGNAL ON:

- 3330 kc.
- 7335 kc.
- 14670 kc.



9505 cd. in 24 ds. (Tekulve-OH)  
**JAVA: Voice of Indonesia** 11790 p/d "Jatijajar" cd. in 90 ds. for an EC rpt. (Stephany-NY). same in 96 ds. for 1 IRC. (Hosmer-MI). "Balinese Couple" cd. in 6 mo. for 2 IRCs. (Purdum).  
**KAMPUCHEA: Voice of the People of** Kampuchea 9695 f/d cd. in 380 \* ds. (Gavaras-MN). same in 16 mo (Gunderson-KY).

**KENYA: Voice of Kenya** 4915 f/d ltr. in 6 mo. (Huniwell-NJ).

*Radio Del Pacifico*



**KENYA:** Voice of Kenya 4915 f/d ltr. in 18 ds. (Blom-NY). same in 22 ds. for 2 IRCs. (George-NC).

**KOREA, PEOPLES REPUBLIC:** Radio Pyongyang 15230 f/d cd. after 14 tries in only 6½ years(!) in 42 ds. for ms Pennant rcvd. (Connell-CA).

**KOREA, REPUBLIC OF:** Radio Korea f/d "Mask" cd. in 16 ds. (Stephany-NY).

**LEBANON:** Voice of Hope 6215 f/d cd. in 20 ds. w/ sticker for 1 IRC. (Kohlbremer-PA).

**LESOTHO:** Lesotho National Broadcasting Service 4800 f/d "Flag" cd. in 97 ds. for 2 IRCs. (Connell-CA). cd. in 9 wks. (Wilkins-CO). cd. in 3½ mo. (Gunderson-KY).

**LIBERIA:** ELWA 11830 f/d "Studio/Antenna" cd. in 1½ years for 3 IRCs. v/s F. Manual. (Palmerheim-MN).  
VOA 6045 via Monrovia f/d cd. in 10 ds. (Kohlbremer-PA). 17870 cd. in 28 ds. (Takulve-OH).

**LITHUANIAN SSR:** Radio Vilnius 17870 f/d cd. w/ personal ltr. in 130 ds. for 2 IRCs. v/s J. Lukosevicius, Editor in Chief of the English Section. (Bryant-OK). same in 107 ds for an EG rpt. (Connell-CA).

**LUXEMBOURG:** Radio Luxembourg 6090 f/d "Antenna/Seal" cd. in 165 ds. for 2 IRCs. Stickers rcvd. (Bryant-OK). 15350 cd. in 3 mo. (Chorossy-ME).

**MALI:** Radiodiffusion Nationale du Mali 5995 "Africa Map" cd. in 1 yr. for a FR rpt. and 2 \* IRCs. (Geveras-MN).

**MALTA:** IBRA Radio 9515 via Radio Mediterran f/d "Copper Artwork from Zaire" cd. in 16 ds. Rcvd. a J81 asked(!) and a stick pin. (Stephany-NY).

**MANCHURIA:** Hailongjiang PBS 5950 via Harbin f/d cd. via Peking in 28 ds. for 2 IRCs. (Bryant \* -OK). f/d "Gate of Heavenly Peace" cd. in 1 mo. (Palmerheim-MN). 4925 same cd. in 17 ds. via Peking. (Buer-FL).

**MONGOLIA:** Radio Ulan Bator 12070 f/d "Logo" cd. in 81 ds. (Stephany-NY). same in 42 ds. for 2 IRCs which were returned. (Bryant-OK). cd. in 3 mo. for 1 IRC. (Witte-CA). cd. in 21 wks (Wilkins-CO). cd. in 115 ds. (Manning-TX)

**NAMIBIA:** Radio SWA 4965 f/d "Aloe Dichotoma Plant" cd. in 184 ds. for 2 IRCs. (Connell-CA). f/d cd. in 28 ds. after 2 f/up rpt. (Kohlbremer-PA).

**NEPAL:** Radio Nepal 9590 f/d "Logo" cd. in 20 ds. (Witte-CA).



**rádio borborema**

**NEW IRELAND:** Radio New Ireland 3905 f/d personal ltr. in 3 wks. for 2 IRCs. v/s J. Malisa, \* Provincial Station Manager. (Palmerheim-MN).

**NIGERIA:** Voice of Nigeria 3326 f/d "Remembrance Arcade" cd. in 7 mo. (Barto-CT). Radio Kwara 7145 f/d form ltr. in 29 wks. for ms. Sticker rcvd. v/s C.O. Akinola, Acting Chief Technical Officer. (Wilkins-CO). FRCH 6050 via Ibadan f/d form ltr. in 340 ds. for ms. (Chorossy-ME).

**NORWAY:** Radio Norway 15135 f/d cd. in 38 ds. (Connell-CA). 11870 p/d "Rostad" cd. in 25 ds. (Miller-WI). Radio Confusion International 7340 cd. and ltr. in 1 mo. for 1 IRC. (Darling-UK).

**PAKISTAN:** Radio Pakistan 13605 f/d "Winter in Muree" cd. w/ personal ltr. in 47 ds. for ms. v/s Malik Ali Chaudhary, Deputy Controller. (Bryant-OK).

**PAPUA NEW GUINEA:** Radio West Sepik 3205 personal ltr. in 1 yr. for ms. v/s Raka Saini, Station Manager. (Lazarus-LA).

**PARAGUAY:** Radio Nacional 11914 p/d ltr. in 1 mo. for a SP rpt. and 2 IRCs. v/s Carlos Montaner, Jefe Técnico. (Orcutt-CA). same in 19 ds. for a SP rpt. and ms. (Buer-FL). 11915 form ltr. in 22 ds. for a SP rpt. and 1 IRC. (Stephany-NY).

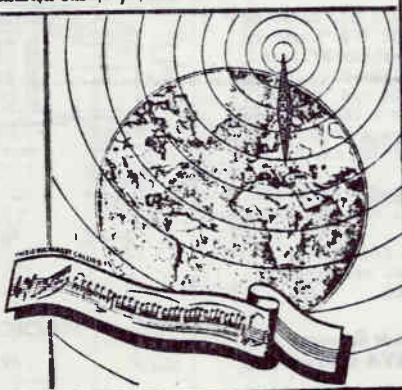
**PERU:** Radio DelPacífico 9675 cd. in 12 mo. for an EG rpt. (name?)

## Radiodifuziunea Română

1960 QSL

Incurseala Căminu portali 111

Short waves	15.250 Keps
	11.937 -
	9.570 -
	9.254 -
	6.270 -
Medium waves	5.980 -
	1.484 -
	1.457 -
	1.151 -
	1.052 -
	854 -
	755 -
Long waves	285 -



Z Y D 30

1.370 E 4.935 kHz  
ONDAS MEDIA E CURTA  
RÁDIO CAPIXARA LTUA.

**IFICATION SIGNERS:** Radio Nueva America 4795 Roberto  
Arasco Velasco, Station Administrator. Radio Marumby  
Bertson De Silva Cardoso. Radio Luz y Vida 4850 Sor.  
landa Celi. RRI Bukittinggi 4910 Yul Chaidir. RRI  
kanbaru 5886 Zainal Abbas, Kepala Stasiun. RRI Sur-  
arta 4932 Moh. Hasjim Benny, Kepala Stasiun. ELWA  
30 Manuel F., Engineering Department. Radio RSA 3230  
lin Miller. La Voix du Zaire 15350 Lepambila Saye,  
recteur du Service Technique. Radio Alfonso Padilla  
80 Amanda Paredes. Radio Fides 4845 Alfredo Zellias,  
rector. Radio San Jose 5582 Luis Hurtado Salas.  
Radio Panamerica 6105 Daniel Sanchez Rocha, Sub-Direc-  
tor. Radio Alvorada 3335 Myriam Figueiredo Bonilha.  
Radio Cultura da Bahia 9595 Djalma Costa Lino. Radio  
tura de Sao Paulo 17815 Olimpo Jose Franco. Radio  
adora de Limeira 2380 Luis Paulo Carita. Radio  
tura do Para 5045 Orlando Mendes Carneiro, Director  
eral. Radio Jesus del Gran Poder 5050 R.P. Jorge  
riquez Silva, Director. La Voz del Rio Tarqui 3285  
cia Pulla Celleri. Radio Zaracuy 3395 Elsay Cun C.,  
Voz del Napo 3280 P. Heriberto Alvarez O., Directora. La Voz de Galapagos 4810 Remigio  
rade Gonzales, Director. Radio Lux 4890 Jaime Reinal. La Voz del Amambay 5995 Alberto  
ello, Artistic Director. Radio El Espectador 11835 Jorge Cubilo, Director. Radio Valera  
0 Carlos Julio Balza, Director. Radio Reloj 4832 Francisco Barahona, Director.  
anks for all of your comments concerning this section of the QSL Report. I'm glad that  
ese signers are helpful and that we can be of some use....Sam.

**NATIONAL BROADCASTING COMMISSION OF PAPUA NEW GUINEA**

Mr. S. David Bishop,  
 275 - 277 South West First Avenue,  
 Wellington, N. Zealand.

Dear Sir:

I have you for your letter of "estation report" of 19th May, 1975.

We are pleased to tell you we also will verify your "estation report", and  
 we have precise records and programs available that it is correct.

We are also pleased to say that this letter and the certificate card  
 will confirm that you have tuned up this station in the evening  
 of 20.30 (P.M. New Guinea Time) on 19th May, 1975.

We are very much interested in your "estation report", because it  
 would be a great help to our technical staff in Papua New Guinea.

This certificate station is one of the Papua New Guinea Government  
 of stations, which is operated in the National Broadcasting Commission  
 in Port Moresby.

Once again thank you very much for your report, with correspond with  
 our station records and station log.

**IPPINES:** VOA 17740 via Tinang f/d "Bridge" cd. in 19 ds. (Stephany-NY).  
ND: Radio Polonia 15120 f/d "Lazienki Park" cd. in 67 ds. (Bryant-OK).  
525 f/d "Logo" cd. in 7 wks. v/s Zdzislaw Frackiewicz, Editor. (Plum-NJ).  
ame cd. in 64 ds. w/ sticker. (Stephany-NY).  
UGAL: Radio Portugal 11925 f/d "Aquario Vasco Da Gama" cd. in 18 ds. for  
IRCs. (Mayer-PA). Radio Renascenca 9525 cd. in 142 ds. for 1 IRC. (Darling-  
UK). Radio Canada International 11915 via Sines prepared cd. w/ pennant  
n 37 ds. (Warner-UK).  
R: Qatar Broadcasting Service 15505 f/d "Map" cd. in 29 ds. for 2 IRCS  
nd a taped rpt. v/s Jassim Mohammad Al Qattan, Head of Public Relations  
nd Research. (Clifford-FRG). same cd. in  
2 ds. (Stephany-NY). cd. in 104 ds. for  
IRC. (Darling-UK). cd. in 59 ds. for 2  
IRCs. (Palmerheim-MN). 17910 f/d cd. in  
4 ds. for 2 IRCS. (Lunna-VT).  
IA: Radio Bucharest 9570 f/d cd. w/ ltr  
n 3 mo. (Roser-PA). (Connell-PA).  
DA: Deutsche Welle 9565 cd. in 63 ds.  
H: Radio Malaysia 5980 via Kota Kins-  
alu p/d "Map" cd. in 10 wks. for 3 IRCS  
s A. Rahim Kahar. (Howard-CA).  
GAL: Radio Senegal 7210 p/d cd. in 9 mo  
or a FR rpt. and ms. (Choroszy-ME).  
APORE: Radio Singapore 11940 f/d "Sky-  
line" cd. in 47 ds. for 2 IRCS. (George-  
B).  
ON ISLANDS: SIBC 9545 f/d cd. in 23 ds  
or 2 IRCS. (Reinecker-PA). f/d "Logo" cd  
30 ds. for 2 IRCS. (Stephany-NY). cd.  
24 ds. for 2 IRCS. (Miller-WI).  
AFRICA: Radio RSA 15220 f/d "King-  
isher" cd. in 18 ds. for 1 IRC. (Mayer-  
PA). Radio Exterior de Espana 9630  
opa del Mundo de Futbol 82" cd. in 37  
s. (Tekulve-OH).  
ANKA: Adventist World Radio 11835 f/d  
n. in 24 ds. w/ pennant. v/s Jose Jacob  
s Host. (Stephany-NY).  
AM: Radio Apintie 4995 f/d ltr. in 50  
s. for an EG rpt. and ms. v/s E. Verv-  
ert, Director. (George-NC).

1975 QSL  
 "Romanian Athenaeum"

MISSORA  
 CR71B-CR71C  
 CAIXA POSTAL N.  
 BEIRA  
 1000 GENERAL RODRIGUES

**RADIO BUCUREȘTI  
 ROMANIA**

Systema de Emisoras  
**ATALAYA Cia. Ltda**

# SWEDEN: Radio Titanic RADIO MAM

International 7395

cd. w/ ltr. in 29 ds. for 1 IRC. v/s Tim Cooper.

**SWITZERLAND: Swiss Radio Inter-** (Darling-UK).

**national** 9725 f/d cd. in 23 ds. (Erickson-PA).

6135 f/d "SBC Building" cd. w/ stickers in 57 ds

Also rcvd. a vary large poster. (Moore-HOND).

**TAHITI: Radio Tahiti** 11825 f/d "Conch Trumpeter w/

FR3 Logo" in 23 ds. for a FR rpt. and 2 IRCs.

(Connell-CA).

**TANGIER: VOA** 15205 f/d cd. in 94 ds. (Clifford-FRG).

**TIBET: Lhasa PBS** 9490 f/d cd. via Peking in 20 ds.

for 2 IRCs. (Bryant-OK).

**TOGO: Radio Lama-Kara** 3222 p/d multi-colored cd.

in 2 mo. for a FR rpt. and 1 IRC. (Gliksman-IL).

5047 f/d "Map/Logo" cd. in 53 ds. for a FR rpt.

and 2 IRCs. (Palmerheim-MN).

**TURKEY: Voice of Turkey** 9560 f/d "Spoonbill" cd. in

33 ds. for 1 IRC. (Moore-HOND).

**NOTES:** Received a very nice letter from Don Moore in

Honduras. Liked your comment about Ivan! If any

of our readers would like to hear from Don, you

can reach him at Apartado Postal 3, Santa Barbara

SB, Honduras.... Ron Howard of Santa Barbara (in

California this time) is catching up on writing

follow up reports. Good luck.... Randy Erickson

who resides at Box 350, Morgantown, PA. 19543

would like to hear from anyone who has had success using

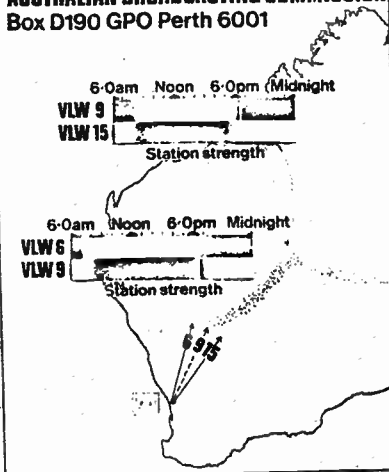
reception report forms. He is very interested in using a good one... Tom McCas-

land of Kansas City, MO. is glad the summer is over. He can't wait to get back

to the University of Kansas.... Ed Mauger Jr. It was nice meeting you at the

ANARC Convention. Were you in the room when hotel security raided the place? Hi! There had to be at least 50 in that room....

## W.A. Short-wave services of AUSTRALIAN BROADCASTING COMMISSION Box D190 GPO Perth 6001



### FAMILY STATIONS, INC.



OSLO 5/17 19 72

DEAR LISTENER.

WE THANK YOU FOR YOUR REPORT AND ARE PLEASED TO CONFIRM THAT YOU HAVE HEARD



RADIO NORWAY

ON 130 KHZ 48.94 M 100 KW  
CALL LETTERS LKJ ON 179 12 72

SINCERELY YOURS

*John Thore*  
SHORT WAVE DIVISION

06:20 GMT

17

**UGANDA: Radio Uganda** 15325 "Studio/Building" cd. in 222

ds. v/s David R. Buga. (Tekulve-OH). same reply in 37

ds. for 2 IRCs. (Mayer-PA).

**UKRAINIAN SSR: Radio Moscow** 15455 via Simferpol f/d cd.

in 47 ds. (Choroszy-ME). f/d "Tretyak Gallery" cd. in

34 ds. Report forms rcvd. (Mayer-PA). 15530 via Ivano-

Frankovsk f/d "Ostankino Television Tower" cd. in 42

ds. (Rigas-IL). 9665 f/d cd. in 30 ds. (George-NC).

**Radio Kiev** 9800 f/d "Dzerzhinsky Square" cd. in 7 wks.

(Plum-NJ). 11735 f/d "Museum of the Kiev-Pechersk Lavra"

cd. in 52 ds. (Palmerheim-MN). 11770 f/d cd. in

43 ds. (Hitsman-LA).

### UNITED ARAB EMIRATES:

**Dubai Radio and**

**Television** 17775

f/d "Map/Logo" cd.

in 1 mo. (Plum-NJ).

same w/ pennant in

3 wks. for 1 IRC.

(Kohlbrener-PA).

### URUGUAY: Radio El

**Espectador** 11835

f/d "Logo" cd. in

7 mo. for a SP rpt

and 2 IRCs. v/s

Jorge Cubilo, Dir-

ector. (Connell-CA).

### QSL COLUMN REPORT

FORMS ARE AVAILABLE

FROM YOUR EDITOR FOR

AN SASE.... Sam.

## RADIO COTE D'IVOIRE



USA: VOA 15175 via Bethany

f/d "Bridge" cd. in 8 ds. (Rose-CA). 21485 cd. in 28 ds. v/s V. Smith (Tekulve-OH). 6020 via Greenville f/d cd. in 2 wks. (Roser-PA). 9565 via Dalano f/d cd. in 28 ds. (Tekulve-OH). WYFR 21615 f/d "Logo" cd. in 3 wks. (Barto-CT) 11830,9535,15365 cds. in 62 ds. (Tekulve-OH). 9715 and 15365 f/d cds. in 22 ds. (Tekulve-OH). 9675 f/d "Logo" cd. in 17 ds. for ms. (Mayer-PA).

\* KOSB 7425 f/d ltr. in 45 ds. for ms. v/s Frank Furter. (Gavaras-MN). Voice of Free China via WYFR 5985 f/d cd. w/ pin in 96 ds. (Palmer-ersheim-MN).

KGEI 15290 f/d "San Francisco" cd. in 67 ds. for ms. v/s Jesus C. Elizando. Sked was also rcvd. (Stephany-NY).

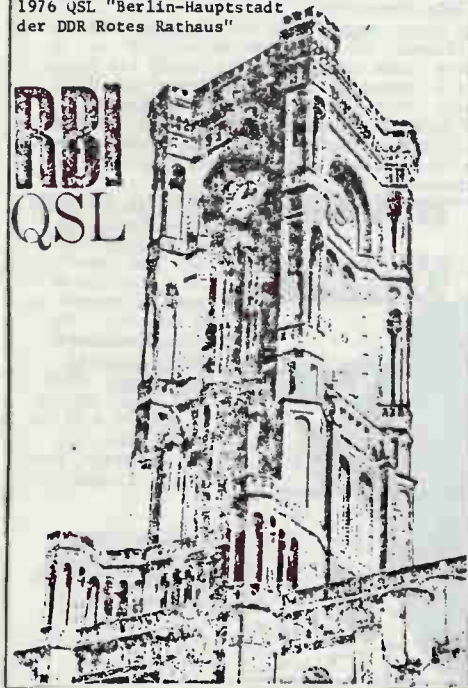
USSR: Radio Moscow 9685 f/d cd. in 28 ds. (Tekulve-OH). cd. in 47 ds. (Hitsman-IA). 17885 f/d "Tomb of the Unknown Soldier" cd. in 24 ds. (George-NC). 11950 n/d "Olympic Stadium" cd. in 43 ds. for a JP rpt. (Connell-CA). 12060 "Logo" cd. in 69 ds. (Rigas-IL). Radio Station Peace and Progress 19mb. green "Logo" cd. in 40 ds. (Hosmer-MI). 17795 via Moscow as per personal ltr. (Stephany-NY)...First time I've heard of P&P verifying a site...Sam.

VATICAN: Radio Vatican 15120 f/d cd. in 41 ds. (Connell-CA). 6015 f/d cd. in 20 ds. (Stephany) VANUATU: Radio Vanuatu 7260 f/d "Tam-Tam" cd. in 31 ds. for 2 IRCs. (George-NC).

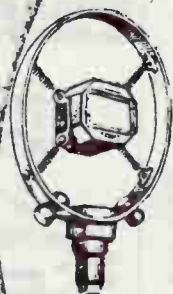
VENEZUELA: YVTO 6100 n/d "Logo" cd. in 2 mo. for a SP rpt. and ms. which were returned. v/s Cn. German Romero Ocando, Director. (Plum-NJ). Radio Yaracuy 4940 n/d ltr. in 2 mo. for a SP rpt. and ms. v/s Silva Vicente. Addr: Av. Libertador Esquina calle 15, San Felipe. (Plum-NJ). Ecos del Torbes 4980 n/d "Map/Flag" cd in 5 wks. for a SP rpt. and ms. (Plum-NJ)

1976 QSL "Berlin-Hauptstadt der DDR Rotes Rathaus"

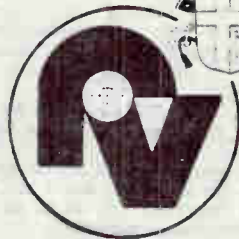
RBI  
QSL



1931-1981



udite  
o genti  
tutte...



Il Primo Microfono della Radio Vaticana

RADIOVATICANA

QSL

Radio Rumbos 4970 and 9660 f/d "Pico Bolivar" cd. in 6 mo. for a SP rpt. and \* ms. (Palmer-ersheim-MN). Radio Frontera 4760 f/d cd. in 18 mo. v/s Modesto Marchena, Director Gerente. (Bishop-PA).

VIETNAM: Voice of Vietnam 15010 f/d cd. w/ pennant in 4 mo. for 1 IRC. (Kohlbrenner-PA). 10080 f/d cd. in 172 ds. for 2 IRCs (Stephany-NY). f/d cd. in 105 ds. for 2 IRCs. (Bryant-OK). 11693 f/d cd. in 15 mo (Humivell-NJ)...This was actually for a report on Kampuchea Radio.

WALES: Radio Pluto 6240 cd. in 51 ds. for an \* SASE. v/s Karen Dawson. (Darling-UK).

WEST IRLAN: RRI Jayapura 9610 f/d cd. in 45 ds. for an IN rpt. and 2 IRCs. v/s Muhammad Ely. (Palmer-ersheim-MN).

YUGOSLAVIA: Radio Yugoslavia f/d cd. in 6 mo. (Gunderson-KY). 9620 f/d "Beograd" cd in 198 ds. for 2 IRCs. (Tutak-NJ).

ZAMBIA: ZBS 4911 cd. in 30 ds. for 2 IRCs. (Blom-NY).

This month we had @ 101 countries reported to the QSL Column.

Hope to hear from many more of our readers next month.

Until then ..... Best of DX and keep the QSLs coming in...Sam.



# SCOREBOARD

DON'T YOU GET IT  
Z NIGULONSK  
WAS  
HERE

C/H IIII IIII IIII IIII  
C/H IIII IIII IIII IIII IIII

MARS  
LOVES  
PASCAR

514  
SID

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

SEPTEMBER 1982

Welcome to Scoreboard. This edition's Spotlight is on South America. Remember that C/H = countries heard and C/V = countries verified. All country counts and verifications are according to rules set forth in the NASWA Radio Country List and Awards Program booklet available from Headquarters. Next deadline is 15 November 1982 for the December FRENDEX. The Spotlight next time will be on Africa. Why not share your totals with us?

Name, state	Total		S. America			Name, state	Total		S. America		
	C/H	C/V	C/H	C/V	Best QSL		C/H	C/V	C/H	C/V	Best QSL
Don Jensen, WI	227	226	15	15		Vladimir Cucura, PA	187	102			
John Tuchscherer, WI	226		15	R.	Qollasuyo	Mark Warner, UK	186	147	14	13	R. Baha'
Ernie Behr, Ont.	224	202	15	14	Apintie	Mark Koukol, IL	184	155	13	11	Galapagos
Irving Johnson, CA	224	72	15	2	Cayenne	C. Vernon Hyson, NC	183	164			
Bob Padula, Aust.	220	213	13	11	Encarnacion	J. Florian, IL	183	119	14	7	Apintie
Edward Kusalik, Alb.	217	202	15	13	Demarara	C. J. Orekar, Jr. CA	180	162	14	13	
Al Sizer, CT	216	214	15	14	Charitas	Scott McClellan, MI	180		14		
Marlin Field, MI	215	212	14	14	El Tigre	Henry Ward, Que.	179	154	14	12	Uruguay
Jerry Berg, MA	214	211	14	14	R. Teleco	Jerry Lineback, TX	179	104	13	10	Maranhao
Dan Robinson, DC	213	173	13	12		Charley Hoffman, PA	178	147	14	13	Huallaga
Bill Sparks, CA	212	207	14	14	Encarnacion	Hadley Cress, VA	177	8	13		
Tom Williamson, Ont.	210	193				David Reitz, KY	176	110	14	10	Panamerica
Terry Klasek, MO	209	202	15	15	Falklands	Steve Reinstein, FL	176	82	14	10	Antena Libre
Tom Cavaras, MN	209	184	14	13	Galapagos	John Huniwell, NJ	175	161	12	10	Apintie
Nobuaki Takahashi, Jap.	209	170	12	10		Mike Hardester, CA	174	152	14	13	Cayenne
Joe Dileo, CT	208	195	15	14	Paititi	Richard Davis, CO	174	147	14	13	Crus del Sur
William Flynn, CA	208	186	14	14	Apintie	Terry Palmersheim, MN					
Neal Perdue, AL	206	55	15	2	Falklands		174	120	13	12	El Espectado
James Koren, NC	204	188				Brian Alexander, PA	173	73	14	5	Bucaramanga
Michael Dayen, MN	203	170	15	13	R. Melodia	Arnold Defeyter, MI	172	147	14	13	Galapagos
					Arequipa						
Terry Krueger, FL	201	118	12	6	SODRE	Niel Wolfish, Ont.	172	109	14	7	El Tigre
Don Moore, PA/Hond.	200	145	15	13	Padilla	Gordon Blom, NY	171	141	14	12	Concepcion
Al Niblack, IN	200	130				Jim Davis, CA	170	119	11	7	
Chris Loddell, MA	198	193	15	14	Carabobo	Robert J. Vance, W. Germany					
John Fisher, Alb.	198	161	14	13	Angostura		168	144	14	14	Galapagos
William Krause, MN	198	143	13	8	HCJB .1KW	Andy Leskowitz, MA	166	100	13	7	Apintie
Sholom Glikman, IL	197	162	14	14	Abaroa	Andre Pineault, Que	165	136	14	13	Manore
Dave Valko, PA	197	147	15	14	Falklands	Jerry Johnston, KY	165	97			
Brett Saylor, PA	197	135	14	11	Falklands	Stephen Leite, MA	162	141	14	13	Galapagos
Brian Cartwright, PA	197	41				Walter Kunz, PA	162	75	14	3	
Larry Abraham, MI	196	176	13	13	Galapagos	Morley Kirkland, Ont	160	142			
Mike Ryan, CA	196	164			Galapagos	Dan McCarthy, FL	160	136	13	11	Apintie
Paul Buer, FL	193	176	14	12	Apintie	Robert Beaudoin, CT	160	125			
Jim Uerlings, OR	193	48	14	2	Guyana	John Meyer, WI	160	117	11	5	Apintie
Henry Lazarus, LA	190	186	15	15	Padilla	Kevin Meyer, VA	160	111	15	14	Falklands
John Sgrulleta, NY	189	186	14	14	R. Nac.	John Kapinos, MA	159	133			
					Paraguay	James McClure, KY	159	92	14	5	Guyana
Don Howard, CA		175	13	13	R. Patagonia	Chilena					

Name, state	Totals			S. America			Name, state	Totals			S. America		
	C/H	C/V		C/H	C/V	Best QSL		C/H	C/V		C/H	C/V	Best QSL
Charles Connell, CA	156	129	13	11	Cumbre		Jerry Schmidt, WI	73	48	5	1	R. Bras	
Walter Ditttrich, FL	155	129	14	10	Nueva Granda		Robert Luke, OH	73	36	4	2		
Bruce Ewenstein, NY	155	91	14	3	SRS		James Lonsdale, FL	71	65	5	5	SRS	
Dave Maxfield, MI	154		14				Bob Gunderson, MN	70	49	6	3		
Baxter Hensley, TX	153	136	10	7	Surinam		William Dunham, LA	69	56	6	4		
Shawn McDaniel, IN	151	28	12	2	HCJB 26020		Peter Giacomelli, NY	69	50	6	4		
Wm. R. Smith, DC	146	75	13	8	Fr. Guiana		Don Warner, OH	69	32				
Robert Viau, Que.	144	126	7	6	R. Nac. Peru		Eric Mayer, OH	68	39				
Paul Chorozoy, ME	143	107	13	10			Antonio Fernandez, PR	66	30	9	3	R. Bras	
Daniel Viens, NH	143	7	13	1									
Tim Hall, CA	142	109	14	10	Quillabamba		Thomas McCasland, KS						
Fred Kohlbrenner, PA	142	108	14	13	Abaroa			65	35	4	2	Brasil	
James Fordyce, NY	141	82	13	5	Cayenne		Edward Overstreet, GA						
Jim Hilliker, CA	136	100	13	8	Cayenne		Jack Nibecker, Jal., Mexico		62	50			
George Link, CA	135	106						62	39				
Ken Loh, AZ	135	91	12	8			Michael Monaco, NY	60	37	5	1	HCJB	
Mac Leonhardt, IN	133	70					Rita Verneti, Kwajalein		59	51			
Kenneth Briscoe, IN	132	68	11	4	Parasaribo		Brett Whysel, CT	59	31	3	2		
Nelson George, NC	130	84	11	6			Paul Lerner, NY	48	41	5	4	HCJB	
Edward Pyatt, GA	128	116	13	10	Amazonas								
Jim Thornton, CA		105											
Gene Eastman, TX	128	76	14	8	HCJB 26020								
Timothy Noonan, WI	125	98	6	5	Rumbos		Thanks to all who contributed. Please share your progress in the hobby with us through Scoreboard.						
Raymond Whitzman, Que.	124	103					If your name is missing, it means you have not submitted an update in the past year. We are looking forward to receiving your update.						
Kelvin Watts, Aust.	124	88											
Austin Kelly, IL	121	83	12	6	HCJB 26020								
Christos Rigas, IL	118	87	11	7	Apintie								
Miles Brooker, Ont.	114	86	10	7	Guyana								
David Benner, IN	114	79	10	7	SODRE								
Don Hoamer, MI	112	74	9	3									
Robert L. Woods, VA	112	42	12	3	Chile		NEXT DEADLINE IS 15 NOVEMBER 1982						
Bill Taylor, PA	111	86	9	6	HCJB 26020		SPOTLIGHT WILL BE ON AFRICA						
Jim Tedford, MI	111	68					When you update, please update all totals so that all information is current. Also mail in advance of the deadline to insure delivery by deadline.						
Gilles Michaud, Que.	111	56	11	5	Apintie								
Leon Kanopka, NY	110	87	12	7	GUYANA								
Pete Grenier, CA	107	74	8	5	Barquisimeto								
Dale Park, HI	105	29	8	1	HCJB 26020								
R. N. Harrington, CO	104	64											
Bill Leal, Ont.	101	66	10	7	Apintie		Thanks again. See you next time.						
Robert Fraser, MA	100	61											
Nora Newhall, CT	99	91	9	7	Galapagos								
Daniel Sampson, WI	96	65	7	5	Juventud								
Greg Hart, FL	96	44	8	2	Yaracuy								
Nolan Stephany, NY	95	61	10	6	Apintie								
Dan Miller, WI	95	17	12	1									
B. Benkovich, B.C.	93	52	10	6	RAE								
Nan Tedford, MI	93	46			HD210A								
Alan Zeichick, ME	90	57	8	4	Chile								
Eric Jaderlund, WA	87	29	8	4	Rumbos								
Jim Shaver, OR	85	63	6	2									
Don Saunders, NJ	84	69	7	6	Surinam								
Paul Janto, ME	84	50	9	3	YVTO								
Gerald Clark, IN	78	60	7	5	LV Llano								
John Lentz, WI	78	51											
Louis Sica, Jr., NJ	78	28	6	3	LOL								
Ron Tekulve, Jr., OH	77	56	4	3	RAE								
Paul Brouillette, MI	76	62	8	7	Santa Fe								
Pony Kobylski, MD	76	52	7	4									
George Tokarchick, NY	75	56											
Al Schlaugat, WI	73	61	5	3	Brazilia								

73 JAZ

# update

October 1982\*\*\*Number 18A

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 October (Mid-Oct) 24 October (November) 10 November (Mid-Nov)

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## A LETTER FROM THE EDITOR TO YOU:

Ladies and gentlemen, contributions to UD, never large at any time, have fallen to an appallingly low level. Further evidence of this can be seen below. This situation prompts me to speak to you all most candidly on a topic of significance to us all.

UD and NASWA generally is not a monitoring service in which a small group of individuals do work on SW in some fashion for profit or advantage. You would not know that, however, to look at UD. There at this point something over 2000 members of NASWA. Of this number something like 5 are regular contributors to UD. THAT'S ONE QUARTER OF ONE PERCENT, a shamefully low number. What it means is this: if one or two of the regular contributors to UD don't send in material, there IS NO UD. It is that simple. If you don't share your material, you don't get anything.

I do get excuses and I'd like to talk about them:

1. "My material isn't good enough." Bushwa! Material for UD is not judged by me on whether it is "good enough." I edit according to the following rules: (1) Is it a late breaking item? (2) Is it SW? (3) If two items are competing for the same space (i.e. I can only print one) which will be of greater interest in the hobby? THOSE ARE ALL THE EDITORIAL CRITERIA I USE. An item on VoA is as likely to be in UD as one on Bhutan, but only if I get it in the first place. You send material; I'll edit. That's what they don't pay me the big money to do.

2. "I don't have time." This one is facially compelling. Everyone, yr. ed. included goes through phases when SW time must be used for other purposes. But I think this excuse is really rather empty. Since you're reading this, it follows that you're interested enough in the hobby to want to spend some time with it. Surely if you can find the time to turn on the radio and listen, you can find time to send material to some NASWA column. You've invested in this club and if you don't help to keep it up and going you get no return. You've wasted money.

3. "When are deadlines?" UD deadlines are set up around the one tyrannical aspect of this club: the date at the end of the month when material must be in Levittown to go to the printer. THIS DATE IS ALWAYS THE LAST SATURDAY OF THE MONTH. I try to construct UD deadlines so that there will be about two weeks or so between deadlines. Because these dates vary, I put at the top of every UD, mid-month and Frenx, the next three deadlines. This makes it easy (I hope) for you to keep your calendars up to date. Allow five days for the Postal Store-age people to get your letter to me, and you've got it.

So let me reiterate: For NASWA and UD to succeed, you and only you must invest in it. This does not mean the money you pay for the bulletin; it means the time you take to help us fill it up. You pay for 60 pages of bulletin each month and those pages can be as empty or full as you want them to be. It is, simply enough, your choice. Every editor needs and deserves your support. Isn't it fascinating to note that the editors, those who presumably have enough to do running their own shops, often are the most prolific contributors to other NASWA sections. NASWA is and will be what all 2000+ of you make it. What do you want it to be?

\*\*\*

ANTARCTICA RN Arcangel San Gabriel, 15476, in SP 2346+. Fair. Mx, W anncr, ID, M w/ nx 0016. Martial mx 0023-27, s/off anncmts, poss NA 0027, carrier off 0029. (Paul Choroazy, ME 9-7)

BRAZIL R. Cult de Bahia, 9595, in PT 2214-33; good but BBC QRM. Mix of PT pops and ballads and some US stuff like Charlene's "Never Been to ME," 2255. Ided mostly as R. Cultura although full ID as R. Cultura de Bahia w/ freq by M 2230. (John Moritz, OH 9-7)

COLOMBIA R. Cinco, 5040, in SP 1018-45; activated again w/ great sigs. Many Caracol promos, ads for Villavicencio area M DJ, light EsL SP vocals. Only in the clear during mornings. (John Herkimer, NY 9-13)

COOK IS. RCI, 11760, in lang 0618-0705; good level but partially buried. Mair talk, log drum IS and into US pops w/ M&W djs, to 0700. ID, TC, local nx in EG. (Herkimer, NY 9-9)

ECUADOR R. Luz y vida, 4851, in SP 0037-0100; generally good most nights. W DJ, campo accor-dian songs, frequent TCs. A few echo effect promos widely scattered. (Herkimer, NY 8-23)

ICELAND ISBS, 13795, in lang 1832-1904; good. At 1900 large bell w/ seven strokes, ID and into nx. Some days there is a piano IS at 1836-38. Will take a cassette recording and at least 2 IRCs for a QSL. (Ken Briscoe, IN 9-13)

**MEXICO** Su Pantera, 6105, in SP 1118-37 f/out; great sig and one of the last to go most mornings. Amanecer discoteca pgn, "La Musica de Yucatan," guitars and vocals and IDs every 5 min. (Herkimer, NY 9-11)

**AFRICA NEW GUINEA** R. Milne Bay, 3360, in PD 1103-1122; also in EG at times. Dialect could have been something else. Talk on local government, anmcts for local events and US pope including Supremes and dated sounding guitars like the Ventures. (Herkimer, NY 9-10)

**PERU** R. Los Andes, 5030, in SP 1038-1101; tx Jones. Fine sig till shortly before f/out abt 100. Peruvian mx w/ anmcts by M. Pgn called "Buenos Dias Peru." Many TCs and IDs. ID 1050 M: "R. Los Andes transmitiendo OAZZA, 5030 kHz, banda de 60 metros, onda corta, desde Huanuco, Peru." Also sent greetings to DXers in Tokyo and Chicago acknowledging receipt of their letters. (Henry Lazarus, LA 9-14)

**VENEZUELA** R. Valles del Tuy, 6129, as follows: 9-7, 2240-2252\*. 9-8, 2240-2304\*. Both times Rumbos mx w/ two tone door bell between items. Many mentions Venezuela and Caracas. Breaks around 2242 for ID including mention of Ocumare. On 9-7 pulled plug in the middle of the mx, but on 9-8 mx went to conclusion 2258 and then M w/ clear ID. Into pgn of tropical mx and sig pulled in mid-song. Some trouble w/ Super de Cali 9-7 but no sweat 9-8. Happy with this. (Moritz, OH)\*\*\*I would be too. tba

you skipped the letter from the editor to you to get to the reports, please go back and read it now.

Best of 73,

**LETTERS ARRIVAL:**

Ed Shaw: "Please be advised that by horrible inattentiveness, I mentioned Tab Books as sponsor of "Bear All The Action" by Van Waterford. Instead, it was SAMS. Apologies."

**PLEASE COLLECT CALLS ON THESE ADS, PLEASE.**

**FOR SALE:** Hammarlund HQ-180A in very nice condition with speaker and operating manual. Price \$320.00 obo. Steven R. Lare, 824 West 25th Street, Holland, MI 49423. Phone (616) 335-2270 after 2030 on Tuesday or Thursday.

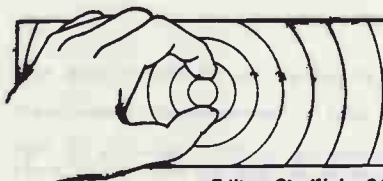
**FOR SALE:** Hammarlund HQ 180C, \$250.00. Collins R-388, \$300.00. Drake SW-4A, \$100.00. All work. George Sherman, Box 2284, Minneapolis, MN 55402. Phone (612) 588-2618 from 1500 to 0400 GMT.

**FOR SALE:** Yaesu FRG-7, Gilfer modified 3 kHz filter. In mint condition, only three months old. Comes with manual. Price \$240.00 including shipping. Steve White, 985 Bedford Street, Fall River, MA 02723. Phone (617) 675-2830.

**FOR SALE:** Hammarlund HQ-180A receiver in good condition with speaker and operating manual. Price \$310.00. Richard Kawa, 3296 Abbott Road, Orchard Park, NY 14127.

**NOTICE, PLEASE.** Want Ads are included in FRENDEX free of charge to NASWA members when space allows. Ads for which there is no space will be held over for the next month. If you wish to sell an item, please include information on who is to pay the shipping or mailing charges. Thanks.





# LOG REPORTS

## section A

2000 to 4899 kHz

Editor: Stu Klein, 642 Cranbury Cross Road, North Brunswick, NJ 08902

Well, it looks like the doldrums finally arrived! Things have slowed up a bit, probably due to vacations, but there is still quite a lot of activity on the bands, especially in the 90 - 60 meter range. Our thanks to John Berkimer for the new look of the column; to tell the truth, we were getting a little sick of looking at those black lines!

- 2322 JAVA RRI Jakarta; 1317 RRI net sx & sx px. However, noted several days with time pips on signal, either on same freq or from sta itself. (Young)
- 2370TT FALKLANDS Several very tentative reports this month on this one, around 2350-0000. While nothing is definite, the freq bears watching--adk
- 3205 NEW GUINEA R.West Sepik; 1115 Island sx, both inst & voc, occ ann by M in lang. Typical prov sta px. f(Krause 8/20)
- 3208 MOZAMBIQUE Maputo; 0405 PT tkl by M & F, couple of IDs, f/out 0420. g(Biller)
- 3220 ECUADOR HCJB; 0130 SP & Quechua tkl into rel guitar sx, rel tkl, ID by YL. f/g (Mayer 8/24) 0245 Class sx, ID, mucho QRN. f(Shortridge 8/21) 0335 Class sx, SP tkl by M, ID 0400. (Stidwell 8/22)
- 3222 TOGO Lema-Kara; 0540 Af sx sels, chanting w/drums to 0555 ID & tkl, mx. f(Jordan 8/10) 0545 Lively Af sx, FR tkl by M/ann, TC, ID, mx. e(Valko 8/3)
- 3225T BRASIL Lins R.Cl.; 0356 OM/ann w/PT tkl, closing ann, NA, 0400\* (Jordan 8/7)
- 3225 VENEZUELA R.Occidente; 0000 F/ann w/SP tkl, sev1 ID, "un programa de R. Occidente" and into TV pops. f/g(Klein 9/5) 0233 Px of lively LAM style ballade, OM DJ, ada, full ID 0245. (Hurff 9/4)
- 3230 SOUTH AFRICA R.ESA; 0345 Mx px w/M/ann in EG. p/QRN(Shortridge 8/9)
- 3235 BRASIL R.Cl. de Marilia; PT M/ann, ranchera sx, IDs, ment Marilia. (Perdue) ~~US~~ Neal, what time?--adk
- 3240 PERU R.America; 1010 here with 3 IDs, M & W alternating in tkl & info show. Believe this is the first time have noted //6010 & 9510 at same time(Moritz 9/7)
- 3250T HONDURAS R.Luz y Vida; 0029 US & LAM EZ orch sx, no ID 0100. (Mayer)
- 3250 SOUTH AFRICA R.5; 0431 EG reggae sx, pops, TC. p(Stidwell 8/17)
- 3250 UNID 0045 EZ sx, two ann by M, too much QRN to copy lang. Seems early for S&F here. (Krause 8/17) Could be either of the above two, Bill--adk
- 3255 LIBERIA LBS; 2319 M/ann in EG w/Stevie Wonder tunes. 2330 Ada, more same sx. 2354 Rooster crow, tkl, ID, NA, & 0001\*. f(Bolland 8/16) 0001\* With complete s/off ann, ID, NA, VG, except for hat off El Tigre. (Perdue) 0623 2 OM w/lang tkl, Af sx, ID 0630, mx. f(Jordan 9/1)
- 3256 VENEZUELA LV de El Tigre; 0035 LAM pops, fast SP tkl by M w/aviso, one good ID by M. f(Mayer 8/23) 1005 2 M w/nx, usual YV chimes betw items, ID. f(Boland 8/30)
- 3260 NEW GUINEA R.Madang; 1130 Island sx, mostly inst, M/ann. Weaker than W. Sepik noted at same time. f(Krause 8/20)
- 3265 MOZAMBIQUE Maputo; \*0350 IDs in EG & PT during IS. Full EG ID 0400, px preview, then EG sx. g(Biller 8/21) 0350 Xylophona tape IS, sev1 EG ID, lite Af sx near 0400, nx in EG. 3210 also in. (Barto 9/4) 0418 Much EG tkl by OM & YL w/ment of Mozambique, sx, ID. g/KITTY co-channel(Valko 8/22)
- 3270T SOUTHWEST AFRICA SWABC; 2329 Mixed sx sels. 0001 KITTY blocked freq; no ann hrd prior, so tent. f/p(Bolland 8/29) 0042 Ballads & inst sx, no ann to 0205 t/o. p/KITTY lo-side(Wallace-PA 8/23) WRVH-NL lists this as Ch. 1--adk
- 3275T PAPUA R.So. Highlands; 1136 Px of tribal sx, OM/ann in lang. QRN off KITTY hi-side(Wilkins 8/8)
- 3275 VENEZUELA R.Mara; 0045-0330, 1008-1040 Usual px of LAM sx sels, tkl, etc(9 sep)
- 3280 ECUADOR LV del Napo; 0102 SP ID by M, mensajes. f/g(Mayer 8/23)
- 3285 BELIZE R.Belize; 0005-0450 Mixed SP/EG px of tkl & sx. (7 rep)
- 3288 MADAGASCAR Antananarivo; \*0300 IS, M/ann w/rapid lang tkl, choral NA, M/ann again w/full ID, freqs, etc. f/UTE hi-side(Klein 8/22) 0303T OM w/FR tkl, dad ID(did not sound FR), Af sx. p/worse(Jordan 8/20) Français?!!--adk
- 3295 BRASIL R.Iguatemi; 0110 EG hard rock, PT ID, EZL sx. g(Mayer 8/23)
- 3295 SOUTHWEST AFRICA SWABC; 2206 ID & IS w/all-nite svce, playing their top hits: Danny Boy, Teddy Bears Picnic, etc. p(Berg 8/22) Thought it was Teddy Boys Picnic; WRVH-NL lists this as Ch. 2--adk
- 3300 GUATEMALA R.Cultural; 0420 2 OM w/EG discussion, foll by ID & sx. (Jordan 8/6)

**ZIMBABWE** Gwelo; 0417 OM w/EG tkl betw sels of lcl pop mx, ID 0426 by same ann, to vernac lcl nx. p/vp(Jordan 8/7)

**BOUGAINVILLE** R.No. Solomons; 1120 Chanting w/no mx accompaniment. Reminiscent of Af chanting. f/g(Krause 8/20)

**UNID** 0258 IS into lang opening ann, Koran chanting to 0315, then tkl to 0320 Eastern mx. vp(Biller 8/22) This has been noted as late as 0400, which would appear to preclude the Comoros. Poss Rwanda, or alt to 3367 Hurriyah--sdc

**BRASIL** R.Cl. Conquista; 0115 PT & EG 70's pops, PT ID by M 0118. g(Meyer 8/23)

**NEW GUINEA** R.Ea. Sepik; 1130 M/ann in PD w/contemp pop mx. f/g(Krause 8/20)

**GUATEMALA** LV de Nahuala; 0106 Steel band mx, M/ann w/SP tkl & ID. (Cucura 8/4)

0155 Marimbas, relaxed OM, SP ID. f/g(Pickard 8/14)

**PAPUA** R.Milne Bay; 1130 M/ann in PD w/trad & island mx, both inst & choral. Weaker than other 10 kW Papuans hrd same time(Krause 8/20)

**BRASIL** R.Cult. Araraquara; 0145 US & PT pops, PT ID by M, px notes. Vy wk, but in the clear this eve(Meyer 8/24)

**GHANA** Accra; 0500 OM/ann w/reel prayer (natch!), praying for beloved Ghana, Es reel mx. f(Klein 9/6) 0500 Drums to EG ID, long siren blast, ID. f(Biller 8/7)

**BRASIL** R.Nal. São Gabriel; 1008 M/ann w/PT nx, foll by ID, then ads which included upcoming px notes. f(Bolland 9/1)

**MALAWI** Blantyre; 0350 2 OM w/trl in lang, ment Malawi, then OM w/ID 0400 & nx. Foll by EG ID & freqs, then Af mx sels. g(Jordan 8/19)

**ECUADOR** R.Iris; 0150 LAM pops, series of ments. f/het(Meyer 8/24) 0310 M & W w/SP tkl, vox mx, ballads. f(Krause 8/13) 0332 LAM inst mx, full production ID, QTH, slogan, etc, to ads. f(Jordan 8/10)

**FRENCH GUIANA** FR3 Cayenne; 0045 Class mx, some ops, 0100 pips, M/ann w/FR nx, NA, & 0105\*. f(Krause 8/20) 0300\* Saturday nite hoe-down (Guiana style), think px called "Afrique Tropicale." S/off, NA, guitar IS, tone on carrier to 0303. g(Jones 8/22) \*0900 NA, M w/FR ID & short nx, pop mx. //5055. (Cucura 8/19) 0923 Tunes by Elvis, foll by FR tkl, then SAM mx. f(Bolland 8/17)

**NEW BRITAIN** RENB; 1120 Strange mix of trad island mx & contemp pops, M/ann in PD. Many TC & ment Papuan towns. e(Krause 8/20)

**ECUADOR** R.Zaracay; 0121 Criollos until ID & tkl by M 0125, TC. g(Meyer 8/23) 0446 Campo mx, OM/ann w/SP tkl, ID, ballads, to 0500\*. (Jordan 8/7) 0325T M/ann w/trl, ads, ranchera mx, no def ID. (Krause 8/13)

**ZIMBABWE** Gwelo; 0402 Alternate tkl by M & W, drums, mx including "King of the Road." p(Stidwell 8/22) 0435 US gospel rock, EG YL/ann, ID. p(Jordan 8/7)

**PERU** R.Los Andes; 1026 Nice OA flutes & Andean ballads. Two ID 1031 & ment of px: "Buenos Dias Peru," faded by 1050 on 9/13. Noted moved 9/14 to 5030 with mucho improved signal. (Reinstein) Tnx Steve--sdc

**BOLIVIA** R.Padilla; 0118 Still hanging in here with a mix of SP ballads & group vocals. M/ann betw w/ID/TC 0121. (Moritz 8/28)

**JAPAN** NSB; 1317 JP tkl by two YL. (Grenier 8/30) Sked says Sapporo--sdc

**CAPE VERDE** Voz de São Vicente; 2337 M/ann w/PT tkl at c/in, px of mellow guitar inst sels. Much trouble w/ARO QRM. Pulled plug 2400, no ID. (Moritz 9/5)

**CELEBES** RRI Palu; 1140 This sta has been rptd to be off. I have found it to be on but, as with many Indos, it too is occ off. (Young) Tnx for note--sdc

**CAMEROON** Bafoussam; 0435 Pop mx, FR tkl by M, some ARO QRM, ID & nx 0501. f in QRM using ECSSB(Stidwell 8/29) 0520 Mod Af mx, EG/FR ID 0530, FR nx. f/p(Wallace-PA 8/21) Your Unid, Ken--sdc

**SUMATRA** RRI Padang; 1217 Noted here daily in Sept as normal; has been reported in the 6805-13 kHz area. (Young)

**BRASIL** Rdf. Cruzeiro do Sul; 1009 Ballads, pops & accordion mx. M/ann w/trl in PT, but no ID due to deep QSB. (Reinstein 9/14)

**VIETNAM** Lam Dong; \*1140 Typical mx & tkl, maybe nx 1200, to 1235\*. Usually covered by RITTY QRM, weak at best. (Young)

**PERU** R.Moderna; 0325 Px of nondescript LAM mx w/SP ann by M to 0445 closing ann by M, NA, & 0448\*. Bad QRM off UTE(Lazarus 8/24) 0036T Once again hrd w/mix of pops & EZL mx, M/ann betw sels, but just could not get ID amid bad QRM/QRM(Moritz)

**AsRSFSR** Petropavlovsk-Kamchatskiy; 0950 Beautiful semi-class mx. On the hr, what seems like RS nx. f(Bolland 8/16) 1014 Class mx w/RS ann. g(Lineback 9/3) 1000 Not DX, but have noted daily spurs from this +21.2 at 4463.8 & 4506.2. (Young) Maybe not DX, but helpful in avoiding confusion!--sdc

**TADZHIKSTAN** Dushanbé; 0002 Amazing level, never hrd so strong. All in RS, tho thought local langs sked to 0015 per TBS. (Reinstein 8/23)

**ECUADOR** CRE; 0135 SP tkl by M & YL on lcl politics, ID 0140. g(Meyer 8/23) 1020 M/ann in SP w/trl. g(Lineback 9/3)

**VIETNAM** Bin Tri Tien; 1210 Very irregular but strong. Mostly loud Viet mx, weird inst mx & tkl. (Young)

- 4680 ECUADOR R.Nac. Espejo; 0140 SP tlc by YL to 0143 soap opera. (Meyer 8/23) 0207 M/tlc in SP, sevl ID by OM, freq ann, ID jingle by group. f(Ware 8/30) 0444 LAM mx, M/ann w/ID on hr. p(Paszkievicz 9/5) 1030 SP ID & ann. g(Lineback 9/3)
- 4687 VIETNAM Gia Lai Kon Tum; 1020-1100\*, \*1130-1255\* IDs at s/off and s/on, orch mx, tlc, most reliable of these but has changed sked. Always a F voice. (Young)
- 4697 BOLIVIA R.Riberalta; 0350 Nice soothing lcl mx to 0400 OM/ann w/brief ann, ID by M, more mx. f(QRN/Jordan 8/20)
- 4719 CELEBES RRI Ujung Pandang; 1140 M/ann in IN w/tlc, just audible(Bolland 8/22)
- 4730 BOLIVIA R.Abaroa; 0003 M/ann w/SP tlc or nx, number ment of Bolivia, ID 0005, into SP mx. Bad QRN(Moritz 8/21) 0036 SP mx & tlc. p(Bolland 8/16) 0225T Ballads TC, no ID, back to mx past 0400. f(Wallace-PA 8/21)
- 4735T CHINA Urumqi; 2340 Presumed the one here with much stringed mx, very nice, W/ann in lang betw. p(QRN/Moritz 8/20)
- 4750 CAMEROUN Bertoua; 2155 Easy 30/9 w/pops(FR/EG), M/ann in FR betw, TC/ID @2200 to more mx. vg(Klein 8/31)
- 4755 BOLIVIA R.Emisoras Bolivia; 0950 In with groups pf women in campo style vocals. M/ann betw & ID by him 1001, into brass band tune, foll by M w/tlc. f(Moritz 8/31)
- 4756 BRASIL Rdf. Maranhão; 0755 Lcl pop mx, OM DJ w/PT ID. (Alexander 8/13)
- 4765 LIBERIA ELWA; 2252 EG rel tlc, to prayer, ID/QTH/NA & 2310\*. p(Bolland 8/16) 2254 EG rel tlc, rel mx, "goodnight and God bless you" from YL, s/off ann, NA & off. (Ware 9/1) 0643 EG rel mx, promos for Bible sessions, ID. f(g/D'Angelo 8/17)
- 4770 NIGERIA Kaduna; 2301-2359\*, 0415-0530 Usual EG mx & tlc px. (7 rep)
- 4770 VIETNAM Son La; \*1145-1405\* Flute IS, ID, ann, nx, singing VT mx. This sta is often buried by Pyongyang 4771 at irregular times. Always //6328V. (Young)
- 4775 BRASIL R.Cult. Sergipe; 0020 Many Cult ments, varied mx format. (Perdue)
- 4780 VIETNAM LV de Carabobo; 0310 LAM vocals, SP TC by M, IDs, some nice ballads. f(QRN/Gilster 9/3) 0932 M/ann w/full ID foll by tlc, mx. g(Bolland 8/16) 0957 OM w/short tlc, LAM mx, 0959 NA, OM w/2 ID, mx. (Hensley 9/7)
- 4783 MALI Bamako; 2222 Fading in w/nice sig, mostly mx by Jimi Hendrix, ID 2300. The // freq of 5995 much better. (Reinstein 9/12)
- 4790 PERU R.Atlántida; 0145 LAM pops, SP tlc by M on "el estado de emergencia," then editorial. g(Meyer 8/23) 0200 Mostly lcl mx, M/ann w/IDs. f(g/Krause 8/28)
- 4795 ECUADOR LV de los Caras; 0052 SP nx by YL w/tlc on Nicaragua, ID, ment Ecuador. g(Meyer 8/28) 0113 M w/tlc & HC mx to 0138 ID. (Gucura 8/29) 0230 LAM pops, ann, full ID by W 0249. (Alexander 8/17) 0258 YL w/EG/SP ID: "You are listening to the Voice of the Caras" then back to SP & LAM pops. First time EG hrd here. f(g/Jones 8/22) First time I've heard of it here too; new and welcome--sdk
- 4800 LESOTHO Maseru; 0415 Lang tlc & mx, ID & EG nx 0500. f(p/Hyson 8/25)
- 4800 VENEZUELA R.Lara; 0055 F/voc w/crriolo mx, LAM slo pops, px notes & ID 0057 by M/ann. (Meyer 8/28) 0125 M w/tlc as "Tie a Yellow Ribbon" plays in bckgnd, into px of local vocal mx. g(QRN/Gilster 8/30)
- 4805T BRASIL Rdf. do Amazonas; 0954 OM w/long, emotional PT tlc, sevl ment of Amazonas. f(p/Wilker 9/9)
- 4810 GABON Af.#1; 0508 FR pop mx, incl "Twist & Shout", medleys, etc. (Paszkievicz)
- 4810 PERU R.San Martin; 0520 Nondescript mx, closing ann, ID, NA, & 0535\*. Gabon off this AM. f(Biller 8/21) 1048 ID, LAM ballads - not usual OA mx. f(Jones 8/19)
- 4815 COLOMBIA R.Guatapuri; 0100 LAM pops to 0101 ID/TC by M, short mensajes. vg(Meyer 8/28) 0228 ID, freq by M, LAM mx px. f(Gilster 9/5)
- 4820 ANGOLA Luanda; 2205 Af string/percussion inst mx sels, M/ann in PT betw, ment Angola, Luanda, more of same mx. f(QRN/Klein 8/22)
- 4820 HONDURAS HRVC; 0307 George Beverly Shea solo & Billy Graham sermon on spiritual ramifications of safe driving. (Wildes 8/16)
- 4825 PERU LV de la Selva; 1040 2 W/ann w/lcl events in Iquitos. Stong & loud sig but somewhat garbled audio. Lost before 1100(Reinstein 9/14)
- 4830 VENEZUELA R.Táchira; 0010-0330 Px of YV & LAM pops & tlc. (12 rep!)
- 4832 COSTA RICA R.Reloj; 2350-1000 On all nite w/LAM mx, ads, tlc, etc. (7 rep) This is now picking up considerable QRM from Táchira--sdk
- 4835 BRASIL R.Nal de Boa Vista; 0110 Futbol bcst w/excited ann yelling in PT, usual "Goooooooooal!", ads, jingles, IDs. (Alexander 9/4)
- 4835 GUATEMALA R.Tezulutlan; 2324-0204\* Marimbas & other lcl mx, ann, etc(8 rep)
- 4840 CHINA FFBS #2; 1147 W/ann w/CH tlc, trad CH singing. f(Bolland 8/22)
- 4840 VENEZUELA R.Valera; 0115 Good w/slo LAM pops, ID by M, TC, more mx. (Meyer)
- 4845 BOLIVIA R.Fides; 0105 SP tlc by M, no mx, ID 0133. f(Wallace-PA 8/15)
- 4845 BOTSWANA Gaborone; 0435 M w/brief tlc in lang, lcl mx, to US soul-rock sels. Lang to 0450 M w/EG TC, mx, nx, rel px follows. f(QRN/Jordan 8/20)
- 4845.4 COLOMBIA R.Bucaramanga; 0025 SP tlc by M. Thought I had Fides till thia IDed 0030. Sevl ads & jingles also hrd. (Alexander 8/19) 0355 ID, sked, s/off ann, NA, to 0400\*. f(Rigas 8/14)

- 4845 MAURITANIA Nouakchott; 2321 Lang chanting w/drums. f(Bolland 8/29) \*0558 IS, s/on ann, Koran chanting to 0615. (Wilkins 8/14) 0634 AR tlc, lite bckgd mx, ID & mx by M/ann 0640. g(D'Angelo 8/17)
- 4843 MOLUCCAS RRI Ambon; 1040 Island songs to 1059, drums to 1100 IN ID & nx. Fading & much QRN. f(Buer 8/11) 1050 Pop mx, 'into vernac lcl nx. (Krause 8/19)
- 4850 CAMEROON Yaoundé; 2230 Sev1 FR ID as "Radio Cameroun," lite pop mx, IDs, NA, and 2300\*. Nice sig(Ware 8/28) 2245 Af mx, M/ann in FR w/ID 2259, NA, 2300\*. f(Krause 8/28) 0450 Af tribal mx to 0500 FR tlc by M, FR/EG ID 0505. f(Gilster)
- 4852 ECUADOR R.Luz y Vida; 0110-0530\* Mostly LAM mx, some rel mx as well, many SP ann and rel tlc by OM/ann. (8 rep)
- 4853 YEMEN A.R. Sana'a; 0259 Bird chirp IS, //9780, brief OM tlc in the mud, then NA, into AR chants. Good sig to 0313 f/out. (Wilknr 9/10)
- 4855 BRASIL R.Por um Mundo Melhor; 0015 Mix of pop & romantic ballads, also inst sels, quick ann by M, full echo ID 0027, ads, etc. f(Jordan 8/11)
- 4855 COLOMBIA R.Neiva; 0330 "Lively latin music" whatever that really means, with usual 'fast talking M/ann, ID, NA, 0335\*. f(Krause 8/28)
- 4856 ARGENTINA LOL-2; 0052 Time pips mixing w/Mundo Melhor. (Jordan 8/11)
- 4860 EURSPSR Kalinen; 2300 EG pretty regular here lately. (Perdue) RMWS feeder--sdk
- 4860 PERU R.Chinchaycocha; 1055 Must have just missed s/on, was not there at 1038. Clear ID & into inst mx. (Reinstein 9/14) Which Steve notes was an excellent OA morning--sdk
- 4860 VENEZUELA R.Maracaibo; 0100-1021 Noted both all-nite and the usual TV 0400\*, \*1000 formats, usual YV mx, ads, tlc, etc. (8 rep)
- 4865 COLOMBIA LV del Cinaruco; 0340 ID, freqs, NA, 0343\*. g(Lineback 9/2)
- 4865 MOZAMBIQUE Maputo; 2220 Af mx to F/ann w/PT tlc, closing ann, ID, NA, & s/off 2230, though carrier remained for a few min. f(QRN/Klein 8/31)
- 4870 BENIN Cotonou; 2258 Closing FR ann w/ID; 'revolutionary NA, 2302\*. f/g(D'Angelo 8/9) 0604 OM/ann w/vernac tlc, poss mx, to lcl chanting mx. p(Jordan 8/10)
- 4870 ECUADOR R.Rio Amazonas; 0138 Good mix of mod & trad folk tunes, both inst & voc M/ann betw w/# of ID by him along the way. (Moritz 8/15) 0250 Ranchera mx, SP ID by M, tlc, more mx. f(Jordan 8/10) 1115 Om w/HC mx px, long SP tlc betw sels, ID 1125. (Murff 8/14) 0110T What sounded like HC mx, too weak to ID for sure.(Krause)
- 4875 COLOMBIA R.Super; 0540 Usual LAM mx px. e(Biller 8/7) 0615 HJ mx, freq & sked, ID. f(Rigas 8/14) 0617 Campo mx, M & F/ann. g(Jordan 8/11) 0801 ID, 2 min fast romantic LAM ballads. g(Jones 8/25)
- 4875 WEST IRLAN RRI Sorong; 1055 Curious mix of US pops & lcl mx, lcl nx 1100. (Krause 8/14) 1149 W singing in IN. Can barely hear this(Bolland 8/28)
- 4885 ANGOLA Bassacongo; 2200 Was flabbergasted by reception of this with apparent live px from a club, much mx, tlc, unusually clear & little QRN. Into recorded LAM mx around 2315, then started lengthy px review (with periods of mx) around 2315. Finally ID 2324, then anthem to 2326\*. Many ments of "provincia do Zaire." Maybe a national day or some such had them on this late. To 2300 or so, reception was the best ever from Angola, better than 9535. Some hat off Brz underneath, but Angola remained dominant. (Berg 8/29) Nice catch; tnx for a much detailed rpt--sdk
- 4885 PERU R.Huancavelica; 1044 Ethereal Andean orch mx, ment of Huancavelica by M but soon lost to fading. wk/clear(Reinstein 9/14)
- 4890 HONDURAS R.Lux; 0048 M DJ w/LAM & US pops, some IDs as "Lux Radio" and ID 0123 as "Radio Lux." (Cucura 8/4)
- 4890 PAPUA NBC; 1008-1032 Mx, mostly EG tlc, px sked, etc. (8 rep)
- 4895 BRASIL R.Baré; 0940 M/ann w/canned ID, tlc which seemed to be religious in nature. f(Bolland 8/16)

And so we come to the close of another issue. Our thanks as always to our contributors, who are the ones that make the column possible. On Latin stations, where we leave out the language, please read that to mean Spanish. Ditto for Brasil and Portuguese. Where a language is given once in a station logging, it is the same for all other loggings of that particular station, unless otherwise noted. This saves some on the typing. Back again next month, so keep the loggings coming in! Till then,

3's & 7's,

*Stu*



# LOG REPORTS

## section B

4900 to 6199 kHz

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

Some good loggings this month, including a new Peruvian on 9030 and a rare logging of the Venezuelan, R. Valles del Tuy, on 6129 . . .

- 4900 VENEZUELA R. Juventud, Barquisimeto, presumed the one here at 0240-0339 on 9-6, the no ID hrd. Romantic ballads till 0301, then jazz-Mingus, Ellington, etc. Exc sig (Gilster); tent. them with US pops. 0250-0305, 8-9, fairly clear but could not pick up any ID (Shortridge-IN).
- 4911 ECUADOR Emisora Gran Colombia, Quito, OM with serious talk at 0237 8-30, IDs, good sig this night (Ware); sports at 0405 on 8-15, full ID 0425, and at 0535 on 8-7 with lively pops, big ID 0530 (Jordan); upbeat mx 0550, then ID with MW, SW and FW fgy, anthem, and off 0602\* (Dayen).
- 4915 BRAZIL R. Anhanguera, 2350-0032 on 8-30, very strong sig and mostly rustic style mx, groups of men singing arnd a guitar. Has a Central American flavor to it. Man with clear ID at 0021, giving fgy. (Moritz-OH).
- 4915 GHANA Accra, 2250-2305\* on 8-28, comments, mx, NA 2305 and then off, poor sig; and am 8-29, fair, nx 2251, church mx 2255 (Bolland-FL); talk in vernacular at 0540 on 8-16, then mx, drums, ID, EG nx; poor, with weak modulation and RTTY QRN (Stidwell).
- 4920 AUSTRALIA ABC-Brisbane, mx from an earlier era at 1152 on 8-28, fair sig (Bolland-FL); wx 1215 on 8-25, classical mx, a piece on turning garbage into oil, EZ ltnq mx, ID, but poor signal overall (Manning).
- 4920 ECUADOR R. Quito, very strong signal at 0430 on 8-13, middle-of-the-road pop vocals, male anncr (Krause-MN).
- 4930 GEORGIAN SSR Tbilisi is the most likely site, amazing level at 0005 on 8-23 with Mayak prgms, hrd past 0025. Olle Alm in Sweden says this is probably 50 kw. (Reinstein-FL); 0057 8-15, light instrumental mx, then Mayak IS, pipe, M&W alternating in RS to 0105, then instrumental mx. Decent sig, the somewhat fluttery (Moritz-OH).
- 4935 BOLIVIA R. Norte, Montero, 0005-0028 8-3, long talk by YL till 0019, then talk by man, brief mx and ID tape with fgy. Surprised to hear this (Valko).
- 4935 PERU R. Tropical, Tarapoto, 0230-0430, hrd often with pop ballads, IDs, seems to have nx at 0250 (Dayen); presumed this one at 1059 8-19, the no ID hrd; many comals (incl. Fresca), mentions of Tarapoto, bits of Peruvian mx, fair sig overall (Jones-MS).
- 4940 IVORY COAST Abidjan, IS starting at \*0600, NA, ID, 8-7, 4945 HJ splatter (Biller-NJ).
- 4940 VENEZUELA R. Yaracuy, San Felipe, one DJ going off 0100, another coming in, exc sig, IDing as "la emisora del pueblo," 8-30 (Gilster); fair on 8-28, ballade 0055, ads, ID at 0100, one LA I can almost enjoy (Krause-MN).
- 4945 COLOMBIA R. Colosal, Neiva, pops at 0415 on 8-13, few anmts; also 0430 on 8-28 with ballads, romantic mx, nx 0500, back to ballads, occas. IDs but rather few anmts (Krause-MN); US pops 0555 on 8-11, full ID 0600, nx headlines, good sig, more mx (Jordan).
- 4951 PERU R. Madre de Dios, Pto. Maldonado, tolerable at 0055 9-7, full ID, calls, fgy, etc., long talk, light mx from 0145, but went down hill and I finally gave up at 0215, waiting for the expected 0230 a/off (JB).
- 4952 UNID. Cn 9-11, 0335-0500+, continuous EZ ltnq mx, maybe 6 or 7 tunes, one after the other, then whole thing repeated, no anmts. Good sig, with sig going off the air at intervals. Someone testing? (Jones-MS). Also hrd here, later, a few times, like 9-9 with "Theme from Moonflow" till 0825\* with no anmt. Extremely strong and solid sig, with a spur or the like on 4930. Seems that carrier comes back on 4952 after a/off, but at much weaker level (JB).
- 4965 COLOMBIA R. Santa Fe, Bogotá, 1013 8-30, good sig, anmts followed by mx (Bolland-FL).
- 4970 ANGOLA Em. Reg. de Cabinda presumed, 0502 8-26, vy weak talk at first, low unid made ID impossible. Sentimental mx after 10 minutes, gal in definite PT from 0515, mentioned Angola and into primitive Afr mx, drums, etc. (Dayen).
- 4970 VENEZUELA R. Rumbos, Caracas, 0203 on 8-29, short nx items separated by chimes, good sig. ID as "Rumbos, la emisora de Venezuela" (Gilster).
- 4975 COLOMBIA Ondas del Orceguaza, Florencia, 1010-1025 8-18, in absence of ute and first time in many moons. Nice paseaito at tune in, TC 1019, cumbias, rather strong (Moritz-OH).
- 4980 VENEZUELA Ecos del Torbes, San Cristobal, sports nx 0108 8-23, ID 0115, ballads till 0136, then rock; exc sig (Gilster). Carrying "LV del CID" prgm, 0116 8-21 IDing as R. Antonio Maceo, exc sig (Reinstein-FL); fair 0125 8-12 (Rigas-IL); and 0130 (Perdue-AL).
- 4985 BRAZIL R. Brasil Central, Goiânia, PT mx 0610 8-7, deep voiced male DJ, ID with mx in the background; weak but clear (Biller-NJ).
- 4990 SOUTH AFRICA R. RSA, good in EG, 0330 8-9, lots of QRN (Shortridge-IN); instrumental mx 0355 8-10, sked, TC, ID, nx, stayed till 0405 (Rigas-IL); topical talk 0400 8-13,

- light pop music (Krause-MN); 0404 8-13, poor in QRM, "Comment," "Good Morn Afr," nx in brief, to 0427 in EG (Mayer).
- 4990 VENEZUELA R. Barquisimeto, LA pops 0103 on 8-29, TCs, IDs, in hvy QRM (Gilster); 0345 with strings of armts, 0355\* after ID and NA, 8-6 (Jordan).
- 4996 SURINAM R. Apintie, weak; much QRM, 0547 8-19, varied pop and LA mx, armts in background, full ID and promo 0610; to 0628\* (Jordan).
- 5004t EQUATORIAL GUINEA Bata, 0505 8-28, gal talking in SP, mx 0525, light pops not particularly African. Fading badly by 0545 (Krause-MN); solid sig, vernacular, 0510 8-7, female anncr, native mx, need narrow filter due to ute QRM 2 kHz. up (Billier-NJ).
- 5010 CAMEROON Caroua, barely audible at 2145 on 9-1, Afr mx. Chanting 2155, straight into NA, off 2201\* (Ware); \*0426 8-1, IS, FR and EG IDs, fays given, good sig (Valko).
- 5010 COLOMBIA R. Surcolombiana, Neiva, back after an absence of some months, and hrd by many. 2346 9-1, good sig, clear ID 2355, chimes, fast talking over mx (Ware); good at 0115 8-29, local mx, several IDs at 0125 (Alexander); 0143 8-28, decent signal, screaming talk, a number of IDs, thot I hrd Todelar mentioned a few times. A switch from Caracas? Also 1020-1040 8-28 (Moritz-OR); big sig 8-27, 0155, basketball, also caught mention of Todelar (Reinstein-FL); LA pops 0228 8-29 (Cucura); ballads, chimes, ID, 0416 8-31 (Jones-MS); full ID at 0501\* (Dayen). Am hearing ID as Raif. Cultural de Colombia, 0353 8-25, full ID with fay (Valko).
- 5013.5t ANGOLA Maybe Emissor Provincial de Mocamedes, mellow instr. mx with PT flavor (like Fado mx), 0515 9-4, fade out after 0530, only one short armt hrd (Dayen).
- 5014 ECUADOR Radiofonica Populares del Ecuador, Riobamba, pretty good here on 9-7 arnd 0045 with a couple of IDs, apparently ex-3985 (unheard) (JB).
- 5015 PERU R. Moyobamba, 1013 on 8-21, right after s/on with NA, 2 IDs by gal, OA mx and TCs every 2 minutes or so. Very good sig, but faded fast, by 1025 (Valko).
- 5020 ALBANIA Who knows where, exercises 0405 8-28, folk mx, clas.mx 0433 (Jordan).
- 5020 SOLOMON IS. Honiara, fair at 1100 on 8-9, EG nx, then pops; stronger than Pt. Moresby on 4890 (Krause-MN).
- 5025 ECUADOR R. Splendit, Cuenca, romantic songs 0415 8-19, very hyper IDs 0443, promos, ad string, TCs (Jordan); to 0505\* (Dayen); mostly pops 9-4, ID, fays, vy short NA till 0506\* (Jones-MS).
- 5025 PERU R. Quillabamba, ballads 0200, ID 0228, talk, to 0305\* (Dayen).
- 5030 PERU A new one here, R. Los Andes, Huamachuco, call 0422A. 9-12, 1045-1115, OA mx, disco, uses "Sunny" as theme. YV either not on or faded. Good sig, fair overall, but faded fast after 1115 (Jones-MS). Hrd 9-14, hetting badly with YV at 1000, but nearly in the clear by 1015 as YV fades. Many IDs during "Buenos Dias, Peru" prgm, and they were reading lstns ltrs, incl. one from NASWAer Tetsuya Hirahara and a U.S. writer, I believe in Chicago, but couldn't get name. Fading by 1030, but one of the best OA sig during the 1015-1030 window. (JB).
- 5030 VENEZUELA R. Continente, Caracas, fair 8-13 0400, ballads (Krause-MN); ID 1010 8-30, TC, ads, prga notes on future presentations; good sig (Bolland-FL).
- 5035t BRAZIL Tent. R. Aparecida, 0045 8-16, vocal mx, pips 0100, possible ID (Krause-MN).
- 5035t GMT. AFR. REP. Bangui tent., FR talk 2256 8-30, possible anthem to 2259\*, but very poor. Aparecida in the clear at 2300 (Reinstein-FL).
- 5040 PERU R. Libertad de Junin, OA mx 0635 8-21, no talking at all, to 0702 fade (Reinstein-FL).
- 5043 W. IRIAN RRI-Wamena, "Love Ambon" 1258 9-2, nx, EZ lstng mx 1310, ID 1325, FL). fade out by 1330 (Murff-MN).
- 5045t BRAZIL Believed R. Cult. do Para, Belém, 0030 8-16, interview till then, then EZ lstng mx. Possible ID 0030, but too much QRM to be certain (Krause-MN).
- 5045 PERU R. Rioja, various types of LA mx, many IDs, NA to 0359\* 8-22 (Jones-MS).
- 5045 UNID. 9-8, 0600, continuous SP talks to 0615\*, sig not bad; only Para next nite (Dayen).
- 5047 TOGO Lome, FR cetry 2220 8-29, short reading 2226, ID 2229, then drama (Bolland-FL); vy strong 8-21 0545, native mx, short talk 0550, back to mx (Billier-NJ).
- 5055 COSTA RICA TIPC, extensive talks 0437 8-28, some mx, ID 0457, relig.mx (Jordan).
- 5055 FR. GULANA Cayenne, nx 0100 8-30, NA, IS to 0106\*. Fair, but //3385 better (Ware).
- 5060t PAKISTAN Maybe Islamabad, vy poor 0047 8-23 during good opening; warning, no ID (Reinstein-FL).
- 5061v ECUADOR R.Nac.Progreso, Loja, weak 0345 8-13 on 5062.7, nx, hvy QRM (Krause-MN); 5061v, ID 0448 8-19, LA band mx, poor in static (Jordan); up on 5064.5, fair\* at 1000 on 9-10 with HC mx, ad string 1007, ID 1010 (JB).
- 5067 ZAIRE R. Candip, Bunia, IS 0327 8-11, ID 0331 including "... un transmission de la R. Scolaire Developpement Candip. ..." another ID (by gal, first one was by OM) 0333. Fair at best, but no ute QRM (Billier-NJ).
- 5068 SAUDI ARABIA BSKSA, Arab mx 2241 8-29, poor sig (Bolland-FL).
- 5095 COLOMBIA R. Sutatenza, Bogota, sports 0005 8-17, full ID 0015, back to sports (Jordan); 0035 8-28, strong, fast paced LA mx and talks, ute QRM (Krause-MN); clas.mx, EZ lstng mx, NA, 0306\* 8-30 (Gilster); nx 0230 8-13, ID 0248 (Shorridge-IN); 0250 8-10 with talk, TC, ID (Samuel); several IDs 0305 8-31, pop mx between talking, VG sig (Cobb-ME).
- 5106 CLANDESTINE LV del CID, "Musica Libre" prgm 0026 9-2 with EG rock tunes, stn IDs, nice sig (Ware); ditto 0035 8-16, mx-box IS 0058, armt "Atención Cuba," mlsmarch, IDs, talk 0100 (Alexander); 0155 9-2, armt as LV del CID, "R. Libertad;" OC to 0142\* (Moritz-OR).
- 5112 PERU R. Eco, Iquitos, LA mx 0024 8-16, ID 0032 (Cucura); several IDs 0315, some with echo effect. Talk, possibly sports nx, fair on 8-22 (Jones-MS).
- 5200h CUBA V. of Cuba, 5 x 1040, 2350 on 8-30, nite Castro fired up those MW xmtrs (Reinstein-FL).
- 5265 CHINA PLA stn, M&W talking 1130 8-14, //5240 (Krause-MN).

- 5930 CZECHOSLAVAKIA Prague, EG ID 0150 8-27, much QRM; ltrs 0340 8-13, VG(Shortridge-IN).
- 5945 AUSTRIA Vienna, EG ID \*0130 9-2, fqys, "Report from Austria" prgm (Ware).
- 5950 NICARAGUA Managua was here, tho later rptd on 5955 (see below). 2358 9-2, many IDs as LV de Nic (Ware); ID 0121 8-26, mx (Hensley); mx 0255 8-11, fair, het(Shortridge-GUYANA GBC, siked in EG 0800 8-22, inspir.prgm, fair (Stidwell); EG "Early Bird Show" 0815 8-18 (Mayer); "Morning Show" 0925 8-19, TCs, IDs as GBC Ch. 2 (Cucura).
- 5954 COSTA RICA R. Casino, Pto. Limon, EG prgm 60's pops, ID 0558, 0600\* (Jordan).
- 5955 NICARAGUA LV de Nic, nx 0100 9-6 (Wood-MO); nx 0430 9-7, fair to 0500(Paszkievicz).
- 5960 CANADA RCI, prgm on Canadian economy 0110 8-27, new jobs, etc., good sig (Krist-VA).
- 5965 BRAZIL R. Guaita, Pto. Alegre, poor 0000 8-10 w/futbol, fast talking anncr (Rigas-IL).
- 5975a BOLIVIA R. Nac. Cochabamba, 1004 8-31, sounded like they had just come on. Folk guitar riffs betw. singing by groups. Clear ID 1013, grp. vocals 1015 (Moritz-OH).
- 5980 SIERRA LEONE SLBS, ID 0615 8-10, TC 0830, natl nx in lang (Mayer); poor C6d7 8-10, nx 0700 (Stidwell); ID 0705 9-11 (JB); nx 0703 8-29, EG, weak; make it tent. (Jordan).
- 5980 SOUTH AFRICA R. RSA, \*0200-0257\* 8-12, IS, ID, WYFR QRM; //9580,9615(best) (Mayer).
- 5995 AUSTRALIA RA, good with pops 1025 8-19 (Jacobs-PA); nx 1205 8-23, //6045,9580,9770
- 6000 HONDURAS Unid. stn hrd 8-31 only, 0310-0402\*, "desde Tegucigalpa . . . (Purdum). Cadena Seta (or Ceta)," also mentions of S.P.Sula. Slick prgm, comm. TCs, LA and US pops; QRM from VOA-5995, so no ID. Thot hrd "Radiopolis" once, also "Baridale." NA after closing anmt, mentioned 49 mb sw; old R. Swan mtr? (Jones-MS).
- 6005 ASCENSION IS. EBC, EG "New Ideas" 2230 8-28, "Reflections," sports; fair (Krist-VA).
- 6005t ADEN DYBS, 0304 8-25, AR chants and talk, severe het and QRM (Stidwell).
- 6005 CANADA CFCX-Montreal, pops 2100 8-29, many ads, IDs, fairly good rcn (Krause-MN).
- 6006 COSTA RICA R. Reloj, S.Jose, 1025 8-19, IDs 1030, mx show, good sig (Jacobs-PA).
- 6010 PERU R. America, Lima, 1010 9-7, 3 IDs, talk show. Also on 3240 at good level and 9510 at super level. Believe 1st time I've hrd all 3 fqys at same time (Moritz-OH).
- 6012 INDONESIA R. Inst. Teknologi Bandung disbanded in Oct.'81, accto gal who wrkd there(JB).
- 6015 BRAZIL R.Cl.Pernambuco, Recife, PT 0803-0620 8-21, IDs, ads, //11565 (Alexander).
- 6015 VATICAN VR, SP 0116-0131 9-3, IS, ID, relig.nx and relig.tlk, exc sig (Gilster).
- 6020 MEXICO La U de Veracruz, poss.s/on 0905, opera mx, full ID by gal 0930 (Murrif-NM).
- 6025 BOLIVIA R. Illimani, La Paz, good 8-14, ID '003, Bol.mx, talks (Alexander).
- 6025 BRAZIL R.Educ. da Banha, Salvador, pop Br.mx 0000-0030, IDs, TCs (Dayen).
- 6029 ANTARCTICA LRA36, vy weak and watery 0030 9-6, much better 2345 9-6 w/diano mx, anmts by gal, sev.definite IDs arnd 2352. Sinking 0000, picked up 0010; fqy is clear (JE).
- 6030 USA AFRTS, baseball 0130 8-26, sports results during otherwise ab breaks (Krist-VA).
- 6035 BRAZIL R. Globo, Rio, fair with het, 2345-0005 8-16; futbol, ads, IDs (Alexander); poor 0050-0100 8-14, futbol live, several singing IDs (Rigas-IL).
- 6036 COLOMBIA R. Transamazonica, S.Jose del Guaviare, ID 1050 8-27, TC, campo mx(Jones-MS).
- 6040 ANTIGUA DW relay, EG "Germany Today" 0135 8-26, mx, good rcn (Krist-VA).
- 6040 E. GERMANY RBT, SP ID 0040 on 8-14, talk abt Lebanon; poor rcn (Rigas-IL).
- 6050 ECUADOR HCJB, SP mx at 0435 on 8-28, sending greetings to Colombia (Sharce-CA).
- 6055 CZECHOSLAVAKIA Prague, EG 0030-0040 8-14, IS, ID, nx, Czech mx; poor (Rigas-IL).
- 6060 AUSTRALIA RA, talk abt Australian govt scandal, 1518 on 8-25 (Grenier).
- 6060 CUBA Havana, EG "From Land of Music" prgm, 0130 on 9-7 (Pieper).
- 6065 USA WYFR-Okeechobee, 0150 9-7, EG nx, Health tips, bible readings (Pieper).
- 6070 CANADA CFRX-Toronto, classical mx at 0215 on 8-11, ID 0225, fair rcn (Shortridge-IN); Louis Armstrong mx, TCs, ads at 1340 on 8-19 (Purdum); fair at 2115 on 8-29 with CAN mx, fair amt of talking, roughly same level as CFCX-6005 (Krause-MN).
- 6070 E. GERMANY RBT, SP talk with ID at 0333 on 9-4; fair to good with fading and adjacent channel QRM (Suer-FL).
- 6076 COSTA RICA R. Rumbo, Cartago, 1051-1057 on 8-21, LA mx, couple of IDs by different anncrs, fqy also given. Fair to good (Valko).
- 6087 TAIWAN BCC-Taipei, weak but clear channel, in CH at 1202 on 9-1, EZ lstrn pops, CH talk by gal. Listed as only 3 kw. (Reinstein-FL). Probably more, tho (JB).
- 6089p NIGERIA Presumed Kaduna, a whisler low on 9-11 so separable from the 6090 mess. Chants at 2350, closing anmt 2357 (tho couldn't make it out), drums, 24GG\* close without the usual prayer, NA, etc. (JB).
- 6090 LUXEMBOURG R. Luxembourg, in EG at 0030-0100 on 8-22, mx prgm hosted by CM, nx and wx on the hour (Shortridge-IN).
- 6100 VENEZUELA VYVO time sig stn, 0143 on 8-26, time pops, anmt ea.minute by CM (Krist-VA).
- 6105 BOLIVIA R. Panamericana, La Paz, Bolivian mx at 0300 on 8-17, flutes, yipping, whistling, some stomping. ID at 0302 after familiar theme tune. Poor overall, and had to tune low side due to awful QRM (Jones-MS).
- 6105 MEXICO "Su Pantera," Merida, ID 0245 on 9-7, anmts, US rock mx; also at 1215-1300 on 9-6 with ads, anmts, cmtry; good rcn both times (Lineback-TX); hrd at \*1027 with N. American pops, ads, "Amanecer Discoteca," "Musica Pantera" prgms; to 1200 (Murrif-NM); 1055 on 8-21, ID, "La Musica de Yucatan" prgm; expected to hear Panamericana (Valko); 1220 on 8-15 with US pops, full ID, TC, ads, talking; good signal (Bolland-FL).
- 6115 COLOMBIA LV del Llano, Villavicencio, SP mx, full ID and fqy, then ads, at 0929 on 8-16; good rcn (Bolland-FL).
- 6120 ARGENTINA R. El Mundo, B.A., presumed nx at 0930 on 8-11, presentation alternating between two men; few seconds of mx at 0940, then more talk; fair (Billar-NJ); and on 8-25 at 0945, ID, discussion between two men, maybe about agriculture; some slash from Llano (Jones-MS).

**MEXICO** (out of order) R. Universidad de Sonora, Hermosillo, 1515 on 9-6, OM DJ with full orchestral renditions of Mexican folk mx; ID at 1600 (Murff-NM).

**NICARAGUA** On 8-31, hrd at 1128 with ranchera mx, several IDs as R. Sandino, no mention of R. Zinica; fair overall; and on 9-5 at 1150, hrd ID as R. Zinica, no mention of Sandino; also TCs, tangos (Jones-MS); 1224 on 8-28, loud speech, normal anncr took over to calm things down for a few minutes (Bolland-FL); tent. Zinica on 9-6 at 1235 with talk on Central America, fading; definitely them at 0252 on 9-7, SP vocals, ID, armts; rcpn fair both times (Lineback-TX).

**VENEZUELA** R. Valles del Tuy hrd 9-7 and again 9-8 from 2240 tune in on former date until 2252\*, 9-8 from 2240 to 2304\*. Both times with Rumbos mx, 2-tone door bell betw items. Mary mentions of Venez., Caracas. Breaks at arnd 2242 for ID that includes mention of Ocumare. On 9-7 pulled plug in mid-nx, but on 9-8 ended nx arnd 2358, then ads, ID 2301 as "Esta es R. Valles del Tuy." Then tropical numbers, s/off in mid-song. On LSB, just coming in arnd 2240, getting better as time went by. On 9-7 was trouble with R. Super de Cali on almost same fqy, but nothing from them on 9-8. Happy to have this, and a joy to play with the knobs on the RQ-180 to bring it in (Moritz-OR). And on 6128.5, SP talking at 2300, some mx to abrupt s/off at 2302. May be the Venezuelan rptd by Ralph Perry (Dayen). Who?

**CANADA** CHNX-Halifax, wx rpt 0645 8-11, C&W mx, TCs, ballads (Jordan); and at 1150 on 8-29, religious tunes, ID jingle, TC, nx, wx, sports, C&W mx; fair (D'Angelo-PA).

**COLOMBIA** R. Super de Cali, run of the mill LA mx at 0522 on 9-7, ID, "Buenos dias, Colombia." Fair rcnpl overall, no QRM (Jones-MS).

**W. GERMANY** DW, EG talk on uranium mining in Germany, 0140 on 9-7 (Pieper).

**CHILE** R. Nacional, Santiago, good on 8-10 at 0010-0020 with nx and armt of the winning lottery numbers (Rigas-IL); cmtry at 0455 on 8-17, fqy armt, TCs, IDs, possibly their anthem to 0503\* (Samuel).

**COLOMBIA** LV del Huila, Neiva, LA mx at 0604 on 8-29, clear ID, fair in QRN (Stidwell); SP mx at 0655 on 8-17, 3 IDs at 0700 including one with the fqy, more pops; TC at 0703, quick ID jingle. Good sig overall (D'Angelo-PA).

**ANGOLA** Emissor Regional de Benguela, more than just a carrier depression most days, but 9-6 was the first time I can recall holding them till s/off. Hrd from 2205 with what seemed to be nx in progress, one gong at 2211, then into varied mx prgm including both African numbers and EG pops. Into close down sequence at 2255 with various armts by M&W, mx coming up at times, some organ-and-drum stuff here and there. Finally played Angolan NA at 2302-2303, carrier went off 2305. Careful tuning needed, not so much because of QRM but because of weak signal. Bassaconga-4885 was also hrd on 9-6 with the NA a little past 2200 (JB).

**HAITI** R. Citadelle, good on 9-11 from arnd 0930 with SP LA mx, quick IDs at 0940 and 0950; pretty good at that time, but had deteriorated alot by 1000 (JB); presumed this one at 1048-1102 on 8-26, EZ lstrng vocals and instrumentals, dinner hr-type mx. Gal anncr between songs now and then, and that had mention of Citadelle but hard to understand (Moritz-OR); carrying R. Nationale prgm at 1102-1210, FR, many IDs, but had EG TCs at 1200:30 and 1200:45; 8-18 (Reinstein-FL); songs with armts and commls at 2215-2230 on 8-20, definite ID 2228 ("Ici R. Citadelle"), talk to 2230 (Buer-FL).

**ANTIGUA** BBC WS, EG World Xz at 0003 9-1, "Nx Abt Britain," "R.Nxrreel;" VG (Krist-VA).

**ARGENTINA** R. Nacional Mendoza, various types of mx (including Swiss vodds) at 0902 until ID and call ltrs, then talk, probably nx, not sure due to QRM. Note // to R. Nacional on 6060; 8-23 (Jones-MS).

**GUATEMALA** LV de Guatemala, fair at 1229 on 9-6 with ID and marimba mx (Lineback-TX).

**VENEZUELA** R. Turismo, Valera, 0010-0020 on 8-15 with adjacent channel QRM. Very lite and bouncy SP vocals by a man. Singing ID by group of women at 0016, then gal anncr, M with ads, back to similar mx (Moritz-OR); LA pops at 0915 8-14, IDs, OM DJ (Alexander).

**USA** WRNO, 0351 on 9-4 with sports net, vy good sig (Jones-MS).

**IND.** Hard rock arnd 0945 on 9-11, non-stop, still going when I tuned out at 1100. The pretty good strength, sig is a little tinny, and I suspect a pirate operation. Doesn't match anything that's supposed to be here. (JB).

**PERU** R. Oriente, Yurimaguas, surprised to hear this one at early hour of 0900 on 9-8, apparently shortly after s/on. Quite good sig, and no BBC-6195 either. Several clear IDs noted. One day only and not hrd again since; of course, tape recorder was not on and I figured I'd get em again "tomorrow" for a report. Usual 1100 s/on is almost impossible here, even at height of the season (JB). Same date, ID 1039, TC, pop mx, the sig, earlier than usual \*1100 (Jones-MS); and on 8-9, \*1100 with anthem, religious prgm, OA mx, to 1110 fade out. QRM from Mexico-6185 (Wilkins-OO).

ception has improved considerably in the last few weeks, so now is the time to get back low bands if you took a summer sabbatical +++ A reminder to please include on your slips the date of your reception and the state where you live. Also, please do details of the programming that you heard. On the other hand, it is not necessary to describe the programming in the same detail as you would in a reception report. Try to be fair and balanced. +++ And a final reminder and request that those of you who are not submitting logs to LR each month please get in the swing of things and let us here from you. We need a tiny fraction of the membership that contributes to LR and thus assists all of our contributors in their DXing. Even in SW, tis better to give than receive. 73-



# LOG REPORTS

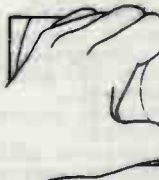
## section C

6200 to 11699 kHz

Editor: Peter Schipelliti, 31 Beaverbrook Road, Burlington, MA 01803

- 6826a CLANDESTINE LV de Sandino; 0017-0030 here with high pitched W mixing with M in SP. Elc, with many mentions of Nicaragua and a couple other countries. Into instl tune at 0028. Poor in static and QRM. (Moritz 8/21)
- 6509v VIETNAM Lai Chau; \*1145-1250\* ID, orch Mx at s/on, arnts, rx (?), much tlking by W. Instrumental Mx abounds! (Young)
- 4588v VIETNAM Cao Bang; \*1200-1335\* Full orchestral s/on mx, ID, arnts, much singing by F without any Mx background. This is the most consistant and strong VTN regional. Off late M, W & Fri. (Young)
- 6531v VIETNAM Hoang Lien Son; \*1115-1302\* Singing Mx at s/on, ID, arnts, M voice talking, much VTN mx. For nearly a month was on 6531, now up to some FSK QRM on 6533. //5613, but weaker there. (Young)
- 6540 NORTH KOREA R. Pyongyang; 1045-1050 JP, Oriental Mx & tlk; Fair. (Buer 8/21)
- 6576 UMID \*1000-1030\* possible clandestine, NA. oriental mx, tlking by F. Daily, but wedged in QRM. Not Peking! (Young)
- 6588 LAOS Pakse; \*0955-1400\* Singing NA, ID, Laotian Mx, is daily but still suffers from poor modulation. Off usually 1 day out of ten. (Young)
- 6597v VIETNAM Rac Thai; \*1125-1325\* Orchestral Mx at s/on, singing, ID @ 1130, rx(?), much VTN singing, mostly F voices. This is the strongest VTN regional and each day it goes from one freq to another. (Young)
- 6784v PERU R. Satellite? 0350+ first noted P/10 w/ ID as "transmite Radio Catolica desde la provincia de Santa Cruz en el Departamento de Cajamarca, Republica de Peru Sudamerica" Back on 6727 on 8/31 w/ many more "R. Catolica" IDs & pgm "musica de los Andes" at 0348+. Wondering if this is a new name for R. Satellite or maybe pgm name? Pgm not religious in nature however. (Reinstein 8/10)(Moritz 8/29)(Jones 8/31)
- 6790 SOMALIA R. Mogadishu; \*0300-0320 Somali, Anthem, ID by man, Koran. (Rigas 8/11) (Young)(Wilkins 8/24)(Clifford 8/29)(Stidwell 8/30)
- 6845v LAOS Oudomsai; 1155-1207 extremely weak Laotian stn here, never hrd at s/on or off. Laotian mx and M anncr. In or next to much QRM. Weakest of all VTN or Laotian regionals. Sometimes is up to 6854 KHz. (Young)
- 6892 EL SALVADOR R. Venceremos; 0040 SP, OM w/ tlks, ID, Mx, several mentions of El Salvador. (Stidwell 9/3)(Young)(Bolland 8/26)(Wood 9/8)(Ware 8/28)
- 6900 CLANDESTINE R. Quince de Septiembre; 1213-17 SP, M & W, Mx w/ full ID by YL. Plenty of military mx w/ political colloquy by OM & YL. (Bolland 8/28)
- 7030 PAKISTAN RP; Hindi svc, \*0100-0135, strong sig w/ clear IDs & Quran chants. Back on this freq after wandering 6967-6969 on 8/11 & 8/13 (Reinstein)
- 7040 CLANDESTINE R. Farabundo Marti; 0115, several ids. pgm stopped at 0134, the carrier remained. CW brutal at times. (Berg 8/29)
- 7065 ALBANIA R. Tirana; \*0000-0026\* EG, Albanian Mx, world rx, cntry on US. (Krist 8/29)
- 7145 NIGERIA R. Kwara; 0535-0601 EG/vern OM DJ/ancr w/ sels of US soul Rock "Get down on it" also Donna Sommers Disco. Afro instr/vocals. (Jordan 9/1)
- 7190 CHINA CPBS-2; 2258+, CH mx, 6 pips 2300 & CH ID. //6890 & 8007. Fair sig on all 3 freqs but 8007 the best clarity. (Reinstein)
- 7190t SRI LANKA SLBC; 0048-0100+ tentative, the one w/ the typical regional mx & tlk by W. Mentos of Sri Lanka at 0100. Listed as Hindi svc. (Reinstein)
- 7195 LIBERIA VOA-Monrovia; 2040 EG to Africa, MX & Nx, Magazine pgm (Wallace)(Krist 8/28)
- 7250 VATICAN VR; 0245-0305 lang?, Male & female tlks, choir Mx-ID. EXC reception.(Cobb 8/1)
- 7255 NIGERIA VON; 2147 FR, fast paced afro Mx. OM anncr in FR. ID, Drums at s/off. (Ware 9/3)(Samuel 8/19)(Manning 9/4)
- 7265 WEST GERMANY Sudwestfunk; 0125-0234 GM, soft instr. "I could have danced all night." 0200 time pips & TC followed by news by OM. (D'Angelo 8/24)
- 7270 POLAND R. Polonia; 2230 EG, Nx, "Mail Bag" Fair. (Fraser 8/6)(Cobb 8/22)
- 7285 WEST GERMANY DW; 0208 EG, ID as ASIAN Svc of DW. Cntry on Reagan's peace initiative in Mid East. (Gilster 9/3)
- 7300 ALBANIA R. Tirana; \*0301 EG, NA, ID, gave content of upcoming pgm. (Ware 8/28) (Gilster 9/3)
- 7345 CZECHOSLOVAKIA R. Prague; 0100 EG, Nx & Cntry, "Stamp Corner", "Join George" Goss. (Fraser 8/7)(Gilster 8/21)
- 7355 CLANDESTINE La Voz del Cid; 0117-0134\* SP, Freq. ID, 2001 theme. "Se Llamo Jose Marti" Pgm. Good in QRM. (Gilster 8/21)
- 7465 ISRAEL Kol Yisrael; \*0358-0403, "D" pgm. IS then short musical tune. 6 time pips and ID by M. Brief tlk and into Koran at 0402. Fair. (Valiko)
- 7770 CHINA R. Peking; 1230 CH, Local Mx, very pleasant chorus & orch. (Zilner 9/7)

410 GREAT BRITAIN RBC; 2315 EG, "Merchant Navy Program" still a future at sea (Fraser 8/26)  
 475 EGYPT R. Cairo; 0300 EG, ID, "Meeting Point" Poi interview (Samuel 8/10) (Gilster 8/22)  
 490 TIBET Xizang PBS; 1155-1205 CH, Oriental song to 1159 ID; orch. Mx 1159-1200; 5 time  
 pips 1200; news after 1200; site not heard but who else. (Buer 8/29) (Cucura 8/19) (8/20)  
 495 MONACO TWR; 0625 EG, Rel pgn, freq annct for incorrect 9500 (Stidwell 8/29) (D'Angelo  
 500 ALBANIA R. Tirana; \*0359-0410 RM, IS, Anthem, Mx. (Wilkins 8/27)  
 505 GUAM KWR; 1400 EG, Rel pgn. (Zilmer 9/7)  
 JAPAN R. Japan; 1541 EG, OM world Mx, 1545 ID, freq & bc sked. xInt (Hensley 9/3)  
 (Bolland 8/22) (Lineback 9/5)  
 510 PERU R. America; 1006-1014 SP, Nice LA guitar mx, tlc by y1 and OM, ID by both  
 after mx. Slight GRM but nice clear signal. (Valko 8/13) (Moritz 9/7)  
 510 TAIWAN VOF; 1045-1055 CH, Oriental Mx w/ short tlks till Sackville carrier on at  
 1055; fair w/ some co-chan GRM. //11745, 11860 (both better) (Buer 8/31)  
 515 MEXICO XEW; 0413 SP, LV de Amer. Latina. EZ listening Mx. (Jones 9/7) (Wood 9/8)  
 515 URUGUAY SODRE; 2115 comedian imitating a Brazilian. (Wood 8/26)  
 520 PORTUGAL RP; 0041-0047 FR, to MA, Mx, ID, Mx excerpt & tlc. (Buer 9/5)  
 525 POLAND R. Poland; 0200-0225 EG, M w/ Mx, one Mx selection, some QRN (Shortridge 8/14)  
 530 VENEZUELA R. Nacional; 0400 SP, ID as "Radio Nacional de Venezuela, onda corta,"  
 s/off w/ anthem 0402, carrier stayed on; het from Moscow; F. (Wood 9/8)  
 533 UNID: AR at 2200, N. Afr Mx, pips on the hour, much better later and still on at  
 5000 (Berg) (Wallace 8/22)  
 535 UNID; 2202-2232\* AR, Tlk 2202-2212; songs 2212-2227; poss ID 2227; tlc 2227-2232\*;  
 plug pulled mid-sentence. Help! Saudi Arabia? (Buer 9/6)  
 535 ANGOLA R. Nacional de Angola 2311-2347 here with a mix of US pops tunes from Stevie  
 Wonder's "My Cherie Amore" to Queen! At 2317 M PT anncr w/ Radio Luanda ID. A bit of  
 EG at 2324 in anncg a Barbara Streisand tune. at 2345 full ID as "Radio Nacional de  
 de Angola in Luanda." Very strong. (Moritz 9/1) (Riggs 8/13)  
 535 SWITZERLAND SRI; 2202 EG, "Dateline" //15305, into GM at 2215 (Ware 8/30)  
 545 SOLOMAN ISLANDS SIBC; 0715 EG, classified job ads. Mx of coming events, US rock Mx.  
 (D'Angelo 8/10) (Sharpe 8/19) (Alexander 8/13)  
 550 CHILE R. Nacional de Chile; 0207 SP, The US dollar was quoted at 55.88 pesos in Chile.  
 (Grosvenor 8/25) (Jones 9/7)  
 562 PERU R. Nacional; 0330 SP, Laid back EZY Mx pgn. Mostly tangos; few commercials. ID.  
 TC's, heard full ID at news time. (Jones 9/7) (Bolland 8/27) 19)  
 570 SOUTH KOREA R. Korea; 1011 EG, Trade relationships between Africa & Kenya (Jacobs 8/  
 575 PORTUGAL RP; 0545-0601\* EG, tlc on Portuguese manners & behavior. Mx, IS (Samuel 8/19)  
 580 ITALY RAI; 0100 EG, Mx of the day given by YL. (Shortridge 8/5) (Cobb 8/29)  
 585 AUSTRALIA RA; \*1058 EG, "Australian Editorial Opinion." (Krist 8/28)  
 593 ROMANIA Voice of the Communist Party of Turkey; \*0355 IS, anthem and ID's and fcy.  
 into TR pgn. ID sounds similar to that given by BBC MS (Tuerkiye Komunist Partisinin  
 Sesi) in their Feb 1978 bulletin. (Walcutt 8/16)  
 595 SOUTH AFRICA RSA; 2100 EG, P.O. Box 4559, covered by Hungary @ 2130 (Fraser 8/7)  
 595 HUNGARY R. Budapest; \*0100-0128\* EG, Mx & Cmtry about US Embargo against the  
 Soviet pipeline. (Krist 8/24) (Gilster 8/22)  
 595 BRAZIL R. Cultura; 2244 Mix of PT pops and ballads. IDing mostly as "Radio Cultura"  
 although full ID as "radio Cultura da Bahia" w/ fcy by OM at 2230. (Moritz 9/7)  
 595 JAPAN NSB; 0946 JP, OM, ads, ID & time pips. (Cucura 8/19)  
 595 PHILIPPINES R. Veritas; 1140 EG, "Our changing world", ID, Mx, (Manning 8/25)  
 595 AUSTRALIA ABC; 1244 EG, Pgn on Sintra, many songs. (Gilster 8/21) (Purdum 8/17)  
 (Bonnet 8/23) (D'Angelo 8/15)  
 595 YUGOSLAVIA RT; \*2215 EG, IS, ID, Mx & Cmtry (Cobb 8/31) (Jordan 9/1)  
 595 VENEZUELA R. Rumbos; 0320 SP, LAM Mx, 0322 OM ID, (Hensley 8/27) (Buer 8/10)  
 595 KAMPUCHEA VotPK; 1300 VT, s/on anmts, Tlk, fair w/ 288 & 9700 splatter. //11938  
 595 BULGARIA R. Sofia; 2230 EG, "Mosaic Facts" (Fraser 8/26) (Paskiewicz 8/19)  
 595 USA WRNO; 0250 EG, PSA "Join the Army". (Wood 8/24)  
 595 USSR R. Tashkent; 1200 EV, Mx & Cmtry (Zilmer 9/7) 9/4)  
 595 SOUTH KOREA KBS; 1345 EG, ID, "Korean Culture Past & Present" (Purdum 8/19) (Grenier  
 595 CHILE R. Minería; 1054 SP, ID, TCs Mx w/ excerpts from Reagan's Tax speech. (Jones)  
 595 PERU R. Sideral; s/on is a few minutes before 1000 (tuned away and missed it) Hrd  
 1000, 8/30 sev R. Sideral IDs. Pretty clear ch as only nearby stn is Cuba-9750, but  
 QA goes out in just a few minutes. (Berg 8/31) (Moritz 8/26) (Jones 8/27)  
 595 GUATEMALA R. Nacional; 0000 t/c "Las 13 en punto, R. Nacional de Guatemala" romantic  
 mx, 7/6180 and active again. (Wood 8/31)  
 595 AUSTRIA ORF; 0130 EG, Mx, "Weeks Review", Mx Joseph Hayden's "Scottish" Folk tunes.  
 Fair. (Fraser 8/14) (Krist 8/29) (Bonnet 8/27)  
 595 UKRAINE R. Kiev; \*0200-0228\* EG, Mx, Cmtry on Helsinki conference, "Youth Feature."  
 "Mx in Brief" (Krist 8/6)  
 595 INDIA AIR; 2130 EG, Pgn of Indian folk & movie vocal Mx. (Fraser 8/7) (Wood 8/24)  
 595 OMAN Voice of the Free People of South Yemen; 1444-1446 AR, Tlk by M, last phrasa of  
 which, was rapid ID as per June LN p 28, then low mx theme to 1445 test tone (Newkirk)  
 595 UNID; \*1955-2157\* AR, Test tone till 2000, continuous AR vocals w/ ME instrumentals.  
 Audience applause between songs. No tlc, anmts, Help please. (Buer 9/6) 9/6)  
 to rpts, Am busy as new manager of local Radio Shack Store in Woburn, MA. 73 to You!



# LOG REPORTS

## section D

11700 to 17899 kHz

Editor: Steve Wiseblood, 707 Loma Way, Santa Maria, CA 93454

- 11700 EUROPEAN RSESR Krasnodar-RM: 2210-2245 EG Wld nx, cntry (Hensley,Fraser).
- 11710 ARGENTINA RAE: 2230-2249 EG nx, the big item was a UNESCO meeting in Mexico where a vote favored Argentina in the Malvinas conflict. I get the feeling this old horse just won't die! EG nx, honoring the military with a memorial service to the dead. VG (D'Angelo-PA 8/9). 0245-0258 EG "Our Cinema program", more tlk de Malvinas. G (Pieper,Grosvenor).
- 11715 SWITZERLAND SRI: 0144-0215 EG nx "Grapevine" pgm, into SP (Gilster).
- 11720 UKRAINIAN SSR Lvov-RM: 0030-0044 EG Press interview. F-G (Jordan 8/16)
- 11735 GUAM KTWR: 1250-1300 EZL mx, CH tlk, EG W w/address, ID & IS (Purdum).
- 11735 UKRAINIAN SSR Kiev-RK: 2330 EG nx, interview, "Mailbag". Xlnt (Fraser).
- 11740 VATICAN STATE VR: 0625-0641, EG vy comprehensive nx rpt, ID, SP W w/nx @ 0630. VG (D'Angelo 8/20).
- 11750 BULGARIA Plovdiv-RM relay: <500 EG nx, "Mailbag". G o/BBC (Fraser-MA 8/7)
- 11755 ARGENTINA R El Mundo: 0731-0745 SP MoR mx, M ancr w/full ID, QTH & annts, into SP nx, lively vocal LAm mx. P w/QRM (Jordan 8/29).
- 11760 COOK ISLANDS RCI: 0754-0901\* Island mx, EG pop mx, M ancr in Maori(?) w/telephone request pgm, possible ID, Anthem ? S/off. P (Cobb-ME 8/28).
- 11770 NIGERIA VoN: 2043-2101\* EG M w/cntry, vy distorted. P (Bolland-FL).
- 11770 UKRAINIAN SSR Kiev-RM: 0115-0152 "Mailbag" pgm, "Q&A" pgm. P (Shortridge)
- 11785 UZBEK SSR Tashkent: 1205-1212 EG nx, cntry, full ID, oriental instr. mx. "Mailbag" pgm, F (Bolland-FL 8/22, Ware 9/4).
- 11790 INDONESIA Vol: \*1400-1410 IS, ID, cntry, EG M w/nx. VP (Jordan,Samuel).
- 11800 PORTUGAL RP: 2200 PT folk mx, ID //9600. G (Wood-MO).
- 11800 JAPAN Afr #1: 2118-2301\* Afro highlife mx, ads, many ID's, FR nx @ 2245, //usual 11945, not hrd subsequently, likely a test xman. G (Pickard-IL)
- 11800 ITALY RAI: 1653-1655 FR cntry, lcl mx, full ID, little birdie IS @ S/off. F (Bolland-FL). 0100 W w/EG nx. G, //9575 P (Fraser-MA 8/6).
- 11815 JAPAN NHK: 1325-1330 EG annts, ID, Japanese lesson (Purdum 8/19).
- 11815 POLAND R.Polonia: 0200-0225 EG M w/nx, cntry on the grain harvest, tlk on Fall festivals in Poland. VG w/QSB (Shortridge-IN 8/16).
- 1181 LIBYA R. Jamaniyriyah: 2244-2254 accented EG tlk on Libyan Army (Hensley).
- 11825 EGYPT R Cairo: 0030-0040\* AR tlk to 0034, ID, quran chants, S/off annts w/ID 0039-0040. //9740 better (Buer-FL 9/6).
- 11825 TAHITI Papeete: 0520-0741 FR pop mx, Tahitian vocals, FR annts & ID's, //15070, NA @ S/off. VG (Wilkins-CO, Samuel, D'Angelo).
- 11830 LIBERIA ELWA: 0730-0745 gospel mx & tlk lang., F (Stidwell 8/22).
- 11830 ROMANIA Bucharest: \*0200-0256\* EG nx, cntry, "Radio nxreel"(Krist-VA)
- 11835 SRI LANKA SLBC: 1100-1130\* EG "AWR Int'l" R. Monitors pgm, features on the British Forces Broadcasting Svce., QRM de 4VEH. F-G (D'Angelo 8/29)
- 11840 EAST GERMANY RBI: \*0230-0311\* EG nx & cntry by W. VG (Krist,Shortridge).
- 11840 GUAM KTWR: \*0745-0752 EG religious pgm. F (D'Angelo 8/10).
- 11860 TAIWAN VoFC: 1152-1200 JP W w/tlk, JP stringed instr mx, ID by W @ 1145, C&W mx, JP pop mx, //9510 QRMed, 11745 P (Jordan). 11745 Xlnt here! -ed
- 11875 NORWAY RN: 0000-0030\* EG pgm preview, Nordic wx, nx. G (Mayer 8/16).
- 11880 SPAIN SFR: 0000-0045 EG nx, Press review, interviews. VG (Fraser,Krist, Shortridge). 0100-0200\* EG Press review, "Panorama". Xlnt(Mayer,Pieper).
- 11890 KIRGHIZ SSR Frunze-RP&P: 0100 IS, ID's, PT nx. G (Ware 8/31).
- 11890 PHILIPPINES FEBC: 0835-0945 ID, EG nx, religious pgm(Sharpe,Alexander).
- 11900 TURKEY VoT: 2200-2245 IS, EG opening annts, nx by W, "Press Review", "Letterbox", "Turkish Folklore". F-G //7155 (Fraser,Alexander,Mayer,Jordan)
- 11905 TAIWAN VoFC: 0215 EG nx & cntry, CH lang. lessons (Pieper 9/8).
- 11925 PORTUGAL Rdf P: 0100 NA, ID, PT M w/fqys, lcl folk mx (Ware 9/1).
- 11940 ROMANIA Bucharest: 2123-2126 EG M "Pages of History", ID w/fqys(Bolland)
- 11940 GABON Afr #1: 2255-2300\* FR tlk by W, ID, sked & S/off. G (Riggas-IL 9/4)
- 11955 PHILIPPINES R Veritas Asia: 1310-1330 Asian songs w/annts in lang by W, 1324-1329 tlk w/fanfare @ start & end, EG ID @ 1330. Sked says Telugu, F w/QSB (Buer-FL). 1430-1459 EG pgm abt relief efforts in SEAs, ID (Purdum)
- 11975 EAST GERMANY RBI: \*2314-2352\* EG nx, cntry on Israel, sports (Krist-VA).
- 11985 ALBANIA RP: 2200 SP tlk abt foreign visitors to Albania. G (Wood-MO).
- 11990 CZECHOSLOVAKIA Prague: 0125-0140 lcl mx, pgm on the arts. G (Mayer).
- 12000 AUSTRALIA VNG: 0651-0700 EG ID, time pips. F (Paszkielwicz 9/5)
- 12000 EUROPEAN RSESR Tula-RMWS: 0342-0352 Soviet Jazz mx, ID. F (Hensley 8/27)
- 12000 EGYPT R Cairo: 0140-0200 ME instr. mx, AR annts by M, AR nx @ 0145(Jordan 0202-0231 ME instr/vocal mx, ID, EG pgm on Tourism. G (Krist, Ware 8/28).

20 EUROPEAN RSFSR Moscow: R. Vilnius-relay 2200-2210 IS, ID, EG nx. F (Rigas-IL). \*2330-2358\* R. Kiev-relay EG nx, cmntry. VG (Krist-VA).  
 0000-0028 Synthesized S/on tune, ID by W anc, into LI nx. VG (Jordan)  
 030 ASIATIC RSFSR Petropavlovsk: 0500-0525 EG nx, rpts from correspondent.  
 "Sidlights on Soviet Life" (Sharpe). 1730-1800 RMWS EG story (Sharpe).  
 045 GREECE VoG: 0219-0306 presumed here w/nonstop GK mx (Sharpe-CA).  
 070 MONGOLIA RUB: 1202-1232 ID, EG opening anmts, into EG nx by W, cmntry address for reports, sked w/times/fqys, NA 1237\* (Ware, Cucura).  
 \*1401-1420 IS, EG s/on anmts, Asiatic nx rpt. P w/QRN (Wilkins-OO 8/28).  
 20n PHILIPPINES VOA: 1502 end nx, feature on George Meany, 2x6110 (Newkirk).  
 147 ISRAEL KI: 2230 EG nx, "Calling All Listeners", "DX Corner". F (Zilmer).  
 095 ICELAND ISBS: \*1828-1905 Abrupt S/on w/pop mx, IC anmts by W, piano IS, EZI mx, 1900 clock chimes, into nx by M, ID "Utvarp Reykjavik" (6 rptre).  
 00 CHINA BPM: 1129-1232 CW ID, voice ID by CH W (Bolland-FL, Valko 8/11).  
 10 VIETNAM Hanoi: 1116-1127\* VT W singing, VT anmts . P (Bolland-FL 8/29).  
 1350-1355 ID's by M&W anc, EG nx, tlk on the Viet people, relations with other Asian countries. P-VP (Jordan, Cucura). 1600-1628 Pop mx pgm hosted by W in EG, tlk on Viet-Sino relations, lcl mx (Sharpe-CA).  
 \*2030 NA, ID, EG nx by W, //10040 VP. F (Ware 8/29). 2120 FR tlk, G (Wood)  
 20 GREECE R Stn Makedonia: 1750-1805 GK anmts midst of piano excerpts, ID & time pips \* 1800, Clc1 mx pgm, better than //15040 (Buer-FL 9/4).  
 21 USA Voice of the Pyramids: 0006-0017\* EG olde Beate tunes (Wilkins-OO)  
 24v GREECE Makedonia: 2050-2114\* GK nx relay from the 1st domestic pgm of ERT. GK folk mx VoG flute IS. ID's by GK W. //15050 (Rigas-IL, Alexander)  
 25v GREECE Makedonia: 1915-2113\* GK W anc, 2100 nx, relay of the 2nd domestic pgm, GK mx, anmts by M, ID, flute IS, nx (c reporters).  
 50 SAUDI ARABIA BSKSA: 2005-2030 AR M anc, discussion pgm. F (Jordan 8/16)  
 54 IRAN VOIRI: 1926-1940 Farsi prayer chants, ID, anmts by W (Jordan 8/21).  
 55 ISRAEL Kol Israel: 0500-0515 EG nx, wx, lcl folk mx, into FR (Stidwell).  
 5 OMAN RO: 0910-0930 EG tlk of AR customs & stories (Clifford) EG to 1100  
 0 BULGARIA Sofia: 1946-2032 EG M&W w/nx, cmntry, lcl mx (Bolland, Ware).  
 0045-0058 EG W w/cmntry, "R Bulgaria Calling", IS, ID. F (Jordan 8/26).  
 0 POLAND R Polonia: 0200-0230 EG nx, ID's, literary tlk (Witzig, Lineback).  
 5 INDIA AIR: 0127 IS, UR S/on anmts, now heard almost nitely. F-G (Wood-MO)  
 5 TURKEY VoT: 1412-1424 EG pgm on History of Cyprus, ID. F (Buer-FL 8/29).  
 5 PORTUGAL Rdf Portuguesa: \*1055-1105 Xylaphone IS, chimes, NA. G (Buer)  
 5 CHILE R Nacional: 0330-0545 Live Lam vocal mx, SP M anc, ID (Wilkins-OO)  
 0 INDONESIA Voi: 1618-1641 TD, "Love Ambon" theme, tlk by 2 M in AR, Indo MoR pop vocal mx (Sharpe)  
 5 DENMARK R Dansk: 2000 EG/DN ID's, DN M w/nx. G (Fraser-MA).  
 0 TAHITI Papeete: 0542-0622 Polynesian mx, FR M anc. F (Paszkiwicz).  
 6v MEXICO Voz de America Latina: 1318-1401 M&W w/SP tlk, ads, TC's, ID, mention of Yucatan. QRN de Arabic stn. Het (Valko 9/1).  
 5 NIGERIA VoN: 0630-0657\* EG tlk abt Nigeria, ID, cmntry (Alexander 8/14).  
 0710-0725 ID, EG anmts midst of Afro mx, Afro instruments. G (D'Angello).  
 0 PORTUGAL R Japan-relay: 0700-0715 EG nx & cmntry, into JP (Clifford).  
 0 BRAZIL R Inconfidencia: 2200-0300\* ID, PT MoR & EZI mx, ads, Jingles, PT Closing anmts @ 0300. P-F (Alexander 8/18, Berg-MA 8/28).  
 0 AUSTRIA ORF: 2130-2206 Waltzes & orchestral mx, introductions by GM M anc. full ID, IS @ 2155, GM Wld nx @ 2200. G (Jordan 8/19).  
 0 SEYCHELLES FEBA: 0427-0438 EG religious pgms, gospel mx (Stidwell 8/22)  
 0 MADAGASCAR RNeD: 2035-2105 EG M w/nx, ID's, "SW Feedback" (Wildes, Cobb).  
 0 SOUTH AFRICA R. RSA: 1522 EG //25790, 21535 both better (Choroszy 7/13).  
 0 TUNISIA RTVT: 1255-1400 time pips, AR nx, ME mx, radio play (Clifford).  
 0 EAST GERMANY RBI: 0505-0514 GM M anc w/tlk, ID's. F w/QRN (Jordan 8/9).  
 0 SRI LANKA VOA-relay: 0130-0150 EG M w/ID, EG Wld nx (Clifford 8/9).  
 0 UGANDA RU-Kampala: 1800-1900\* EG nx, Afro mx pgm w/EG W w/anmts, ID's, into FR @ 1830. Fair (Manning 8/26, Alexander 8/22)  
 0 PORTUGAL Gloria-RFE: 2110-2130 Czech/Slovak magazine pgm. G (Rigas-IL).  
 0 BRAZIL R Bras: 0235-0259 Nice Brazilian mx, choral songs (Bonnet-IN 9/7)  
 0 MALAYSIA VoM: 1550-1645 AR M, ID's, AR nx & sports, Malay mx (Sharpe-CA)  
 0 QATAR QBS-Doha: 0300 ID, AR religious tlk, G (Wood-MO 8/23). \*0330-0357\* EG W w/nx & sports, tlk abt Arabic Arts, //17775. F (Pickard-IL).  
 0411-0419 AR chants, AR tlk by M&W, ID's, tlk abt Lebanon. Xlnt! (Valko).  
 0 SPAIN RFE: 2125-2130 SP interviews & musical interludes. G (Buer-FL).  
 0 UAE Dubai: 1615-1650 EG pgm abt AR scientists, Wld nx, into AR (Clifford)  
 0 MOROCCO RTVM: 2340-0020 Fast rhythmic ME instr mx, call to prayer (Jordan)  
 0 SAUDI ARABIA BSKSA: \*1300 Presumed tlk in Bengali, IS, NA. G (Valko).  
 0 KUWAIT RK: 0254-0301 AR vocal mx, M&W w/ID's in AR, //15495. F (Valko).  
 0 CANARY ISLANDS RFE: 0301-0333\* SP "America a dos Pasos", mx (Wilkins-OO)  
 0 PORTUGAL RFE/Gloria: 2300-2310 ID, Czech/Slovak nx by W. G (Rigas-IL 8/4)  
 0 ASCENSION ISLAND BBC: 2130 EG "Calling Falkland Is" still here w/tlk on Argentine sanctions. G (Wood-MO 8/26).

15400 FINLAND RF: 1142 FN to 1153, ID by EG M, into EG nx @ 1200. (Bonnet-IN).

15410 SEYCHELLES FEBA: 1703 IS w/tlk in Somali sked., P u/VOA (Buer-FL).

15415 ISRAEL Kol Israel: 1859 IS, noted u/Libya w/tlk in lang. P (Buer-FL).

15415 LIBYA SPLAJBC: 2020-2125 lengthy AR tlk by M, tlk of ME nations (Jordan).

15415 BRASIL R Clube Ribeiro Preto: 0050 PT ID @ 0059, fqys & jingle, Bras. pop mx, abs, PT anmts by M, discourse by M&W in PT @ 0100 (Alexander).

15425 ASIATIC RSFSR Kenga-RM: \*1230-1300 Asian lang. tlk by M, ID. F (Jordan)

15430 MEXICO XERMX: 0101-0300 lite MoR Mex mx, SP anmts (Wilkins, Stidwell).

15435 GABON RFI-relay: 2010-2030 Clscl, exotic & pop mx, FR anmts (Bonnet-IN).

15450 LIBYA SPLAJBC: 2220-2240 AR M ancr, ME vocal mx, AR nx @ 2235 (Jordan)

15460n USA WYFR: 1620-1658 GM religious tlk, ID @ 1630, fqys (Purdum, Walcutt). 1850 IT sermon, now Eur svce in FR, GM, IT & RU; G (Wood-MO).

15460 CLANDESTINE VoUnited Muslim Fighters of Afghanistan: 0125-0154\* prayer chants, ME flute mx, discourse by 3 M in Puento/Dari. P (Jordan 8/17).

15474 ANTARCTICA LRA-36: 2235-0035 SP W w/anmrs, tangos, SP ballads, EG ID @ 2245. F-G (Jordan 8/30, Pickard-IL 8/31).

15475 ISRAEL Kol Israel: 2000 EG nx, Calling All Listeners, DX Corner, G //17685, 15585, 15485, 15105, 13745, 11640, 9009 (Zilmer 9/5).

15495 KUWAIT RK: 0403-0520 AR M chanting by M, trumpet notes @ 0500, instr/vocal ME mx, AR nx by M (Sharpe-CA 8/30).

15500 EUROPEAN RSFSR Moscow: R. Yerevan relay \*2050-2040 IS, "Yerevan Khosum", ID, nx by M in Armenian. F (Rigas-IL 8/14).

15505 QATAR QBS: 1725-1910 ME instr/vcl selections, Qu'ranic recitations, discourse by M&W in AR, TC, F (Stidwell 7/27, Jordan 8/14).

15520 CHINA R Peking: 1204-1250, EG Wld nx, cmntry, Oriental mx. G (Cobb-ME).

15520 UKRAINIAN SSR Lvov-RM: 2040-2050 EG tlk of Tajikistan. F (Rigas-IL).

15540 BYELORUSSIAN SSR Minsk-RM: 1235-1250 EG anmts, operatic mx (Purdum 8/23)

15550 UKRAINIAN SSR Simferopol-RM: 2230-2320 PT discourse by 2 M, nx (Jordan)

15560 MADAGASCAR RWed-relay: 1245-1255 Clscl mx to 1249, ID, Indo tlk. VG //21480 (Buer-FL 8/29). 1420 DT M ancr midst pop mx (Grenier 9/4).

15575 SOUTH KOREA RK: 0200 EG nx, cmntry. G (Zilmer 9/6).

15585 ISRAEL KI: 2250-2300 EG M&W answering letters, nx, fqy anmts. Xint (Cobb)\* \*0100-0123\* EG M&W ancra w/nx (Bonnet-IN). 0200-0225 EG nx (Sharpe-CA).

15595 GREECE VoG: \*1400-1410 ID, NA, GK nx. P (Rigas-IL 8/12).

15600 CHINA R. Peking: \*1232-1302 IS, W ancr w/nx in presumed Indo. (Jordan 9/1)

17580 PAKISTAN RP: 1723-1730\* songto 1729, choral anthem to 1730\*. F (Buer-FL).

17585 ISRAEL KI: 1745-1750 time signal, ID, Ladino nx. F w/QSE (Buer-FL 8/28).

17605 NETHERLANDS RWed: 1431 EG Wld nx, "SW Feedback" (Grenier). 2045-2100 EG "Monday's Report" w/cmntry on various subjects (Shortridge, Wildes-AL).

17620 FRANCE RFI: 1715-1735 FR tlk, pop mx, telephone calls, //17850 (Buer-FL).

17620 PAKISTAN RPak: 1311-1320 tlk in lang., choral anthem, co-channel EG stn w/sports event, het from lang. stn on 17621 (Buer-FL 8/12).

17630 ISRAEL Kol Israel: 2242 EG speech by Sharon while in US (Krist-VA 8/28).

17660 SPAIN REE: 1610-1615 SP tlk w/musical excerpts, ID, //17890 (Buer-FL). 1830 SP nx //11790, G (Wood-MO 8/30).

17675n BELGIUM RTBF: \*1700-1706 Drum IS, FR S/on anmts. P-F on a bad day (Buer). 1709-1905 Mixed bag of FR & EG pop mx, jazz mx, ID's. F //15210 (Wilkins).

17695 NETHERLAND ANTILLES Bonaire-R Ned relay: 2045 G w/EG "Happy Stn" (Wildes). Reports were down this month, but this was to be expected w/summer QRW. Hopefully reports will pick up in the Fall. I am now a Graduate Electrical Engineering Student at Cal State-Long Beach. I estimate that it will take 2-3 years to get my M.S.E.E.; I also am hoping to get a part time job working in the Electronics industry while I go to school. Well, my new address is: 1340 Junipero Ave., Apt. 4, Long Beach, CA. 90804 *73 de stave*



# LOG REPORTS

## section E

17700 and above

Editor: Brett Saylor, P.O. Box 10, Whitehall, PA 18052

00 USSR R Peace & Progress; 1802-1812 EG, cmtry on Angola (Bolland)  
 05 NEW ZEALAND RNZ; 0435-0455 EG, pop mx, book rvw (Manning 9/4)  
 10 MOROCCO RTVM; 0018-0100\*AR, mx, tlk abt Lebanon, f (Passkiewics)  
 20 ISRAEL KY; 1830 HB, mx, //178\*5, good (Wood 8/30)  
 SPAIN RME; 1400 SP, tlk, local mx, ID @ 1500, mx; //17660 oob,  
 not listed (Zilmer 9/5)  
 25 PORTUGAL (per sked) R Free Europe; \*0300-0306 Polish, piano IS,  
 ID, nx; clear at s/on but jammer overtook by 0302 (Wilkins 8/17)  
 30 USA WINB Red Lion, PA; 1625-1720 EG, M anncr, continuous relax  
 mx (Bonnet 8/31)  
 35 PORTUGAL RFE; \*0300-0310 Romanian; IS, ID, nx, good signal most  
 nights (Wilkins 8/16)  
 45 USSR R Moscow via Kursk (per UHN); 1510-1555 RS, tlk by reporters  
 brief celeste @ 1528, ID by W as RS Rodina, fair (Jordan 8/16)  
 45n Ecuador HCJB; 2333-2338 PT, rel song & tlk, ID 2338 (Buer 8/30)  
 50 USA WRNO; 2215 EG, ID, light mx, list sked; good (Wood 8/26)  
 75 USA WRNO; 2200 EG, pop mx, hrd couple of days later with simul-  
 cast of their FM stn; good (Jacobbs)  
 00 TAIWAN VOFC; 2215 EG, CH lesson, fair (Wood 8/26)  
 00 NIGERIA V of Nigeria; 0544-0551 EG, ... to NAfr, tlk, ID 0545, cmtry  
 7/15120 (Buer 8/12).  
 05 USA VOFC via WYFR; \*0400-0405 CH, WYFR ID, anthem, s/on, tlk,  
 slight co-chan JRM jammers aimed at RFE (Buer 9/4)  
 05 BRAZIL R Nacional de Brasilia; \*1815-1820 EG, s/on w/ guitar mx,  
 pgm abt Brazil's independence day; //15125 (poor) (Buer 9/6)  
 10 PHILIPPINES FEBC; 0030 EG, religious pgm, fair (Zilmer 9/6)  
 15 LIBERIA VOA; 1734-1740 PT, nx, ID at 1736, tlk, f-g (Buer 9/4)  
 25 JAPAN RJ; 0020 EG, pgm abt JP lang, poor; //21610 good (Alexander)  
 30 BRAZIL R Bras; \*0200-0301\* EG, nx, wx, songs, temp shut down 15290  
 good Rptn (Krist 8/29, Bonnet)  
 30 SWITZERLAND SRI; 1603-1608 FR, tlk, ID, poor (Buer 8/11)  
 45 CZECHOSLOVAKIA R Prague; 1720-1727\* AR, songs, ID (Buer 9/4)  
 45 UKRAINE RN via Simferpol; 1340 EG, RS operatic mx, World Svc ID,  
 JRM Deutsche Welle (Purdum 8/22)  
 50 FRANCE RFI; 1750-1756 FR, feature, theme from "2001", ID, MOR mx  
 good (Bolland 8/15) (Jacobbs)  
 50n SWITZERLAND SRI; 2200 EG, unemployment-Swiss watch industry  
 55n Ecuador HCJB; 1745-1800 EG, rel pgm, ID, time signal 1800, Czech  
 followed, good (Buer 9/6)  
 70 USSR R Yerevan; 0247-0257\* Armenian/EG; EG ID 0252 by M, nx sum,  
 freq's, address, s/off; into R Moscow 0300 (Ware 8/28)  
 75 CANADA RCI; 2015-2030 EG, cmtry on trains, icebreakers (Shortridge)  
 90 AUSTRALIA RA; 1505 EG, world nx, Austr items in brief (Grenier)  
 90 ECUADOR HCJB; 0038 EG, "Guidelines for Family Living," "Passport"  
 pgms, good (Krist 8/27)  
 10 QATAR QBS; 1534-1620\* AR, vocals, MEast mx, drama 1600; not noted  
 15505 at this time (Purdum 8/22, Wilkins, Buer)  
 30 LIBYA V of Arab Homeland; 1930 AR, ID, world nx, mx (Samuel)  
 51 EAST GERMANY RBI; \*1115, 1300-1313 EG, nx, cmtry, "Dateline  
 Berlin," letterbox pgms; f-p (Jordan 9/2, Krist)  
 70 UNITED KINGDOM BBC; 1645-1715 EG, world, Afr nx (Bonnet 8/24)  
 77.5 ECUADOR HCJB; 2130 EG, DX Partyline (Witzig 8/16)  
 95 ISRAEL KY; 2000 EG, s/on, nx, good (Wood 8/28)  
 95 EAST GERMANY RBI; 1730-1743\* EG, "Round About the GDR" pgm, to  
 Afr; very good (Jordan 8/12) (Ware 8/28)  
 20 SWITZERLAND SRI; \*2045 PT; ID's, freq's, into nx; to Afr/SAM  
 30 UKRAINE RN via Lvov; 1400-1430 EG, to MEast, world nx; f (Jordan)  
 40 USA VOA; 2105-2135 RS, nx, ID, nxpaper rpts (Jordan 8/9)

21570 SWITZERLAND SRI; 1530-1545 EG, ID, nx, "Jazz Panorama" (Purdum)  
 21600 WEST GERMANY DW; \*1459 EG, nx, cmtry, to Afr (Shortridge, Krist)  
 21510 JAPAN RJ; 0130-0205 EG, best of 4 freq's to WCNAM; nx, current  
 affairs, DX Corner (Wilkins-CO 8/17)  
 21620 FRANCE RFI; 1600 EG, nx, cmtry, mx; poor (Shortridge 8/13)  
 21655 UNITED ARAB EMIRATES UAE Radio, Dubai; 1445 AR, AR mx, no ID so  
 tent, bad JRN (Shortridge 8/13) 1630-1645 EG, nx, weather (Jordan)  
 21685 NETHERLANDS ANTILLES R Netherlands; 2045 EG, "Shortwave Feedback"  
 pgm, ID's (Ware 8/28, Wildes)  
 21690 ITALY RAI; 1645-1655\* Somali, to Afr, nx, piano mx, f (Jordan)  
 21695 CANADA RCI; 1915 EG, rpt on insects" (Shortridge 8/12)  
 21710 UK BBC; 1118 EG, "About Britain", "Radio NxtReal" (Krist 8/28)  
 21780nf SPAIN REE; 1700 SP, nx by M & W, good (Wood 8/26) 1803-1810 SP,  
 nx to ID 1806, SP songs after, good (Buer 8/28)  
 25615 USA APRTS; 2250 EG, "UPI Roundtable", fair (Krist 8/28)  
 25790 SOUTH AFRICA R RSA; 1508 EG, rugby in SAfr, mx, f (Krist 8/28)  
 25900 FRANCE RFI; 1220-1250 FR, nx, orch mx, FR pop mx (Jordan)

That's all for this month. See you in 30....

73's

*Best*

**FOR SALE:** RF-2800 with MW antenna booster, \$200.00. DX-300. This one works, First Class Tech checked it out, \$225.00. DX-160, works well, \$90.00. NC-60 "Special", recently retubed, a classic, \$75.00. Also a Zenith Transoceanic, retubed, a stately old set with beautiful tone. (No price listed). All sets in good condition and regularly used. I will negotiate. Paul V. Zecchino, Maxson Hill Road, Ashaway, RI 02804. Phone (401) 596-5569 days including Saturday and (401) 377-2447 nights.

**FOR SALE:** Sanserino 2-foot Amplified Box Loop Antenna. Four months old and in brand new condition. Price \$65.00. ALSO: Zenith Transoceanic for best offer. Lester Baskin, 6504 North Washtenaw Ave., Chicago, IL. (312) 338-9382.

**WANTED:** Old and recent Radio Bulletins, any club, American or foreign. I pay postage. I have some duplicates for sale of trade. Bill Smith, Brown Terrace, Uxbridge, MA 01569.

**FOR SALE:** Sony ICF-2001, \$160 or trade on 6800 or other. Collins 75S1 with Waters Q-Multiplier and CW filter (mint), \$250.00. Navy FRR-502 Slavemaster with three receivers (2-16 MHz) in sturdy field case, \$65.00. Dale E. Long, 266A Long Lane, Lititz, PA 17543. Phone (717) 626-8794 before 0200 GMT.

**WANTED:** Collins Mechanical Filter F455J25 or F455J21. John Williams, 3216 West 85th St., Bloomington, MN. Phone (612) 831-2760. Collect calls okay.

**WANTED:** WRTH, Editions 1978 and 1980. Please write stating price. I would also like to correspond with SWL/DXers who own a Yaesu FRG-7000. Darren Rogers, 1268 Dale Court, Seaford, NY 11783.

**FOR SALE:** HRO-MX receiver (National Company) made for the Royal Canadian Corps of Signals, Serial #C-993. Includes a full set of coils. In excellent condition and super clean, \$200.00 plus freight. ALSO: Portable Oscilloscope by Non-Linear Systems, Inc. Excellent condition, never used, \$300.00. ALSO: Conar Component Substitution Box, \$20.00. ALSO: Conar transistorized Volt-Ohmmeter with 7 DC volt ranges, 7 Ohm ranges and 7 AC volt ranges. Brand new, never used, \$0.00. For more information and specifications on this equipment write to Frank John Petrick, Box 101, Twist Run Road, RD #3, Endicott, NY 13760

# LOG

# REPORTERS

**FRENDX**

Jerry Colgan, 8120 Ripplewood Drive, Austin, TX 78758

Welcome to this month's Log Reports and thanks to the following reporters:

Alan Alexander, Mechanicsburg, PA; Jerry Berg, Lexington, MA; Jeff Biller, West Brunswick, NJ; Charles Bolland, Lakeworth, FL (FRG-7000); Arthur Bonnet, West Lafayette, IN (DX-302); Paul Buer, Miami, FL (SPR-4); Michael Calderwood, Denver, CO (FRG-7); James Clifford, Augsburg, FRG (FRG-7); Ken Cobb, Portland, OR (RF-4900); Vladimir Cucura, Reading, PA (R-7, FRG-7); Richard D'Angelo, Williamsport, PA; Bob Fraser, Cohasset, MA (XCR-30); Paul Glistler, Raleigh, NC; Steve Grenier, Azusa, CA (FRG-7); Norman Grosvenor, Hollywood, CA; Baxter Hensley, El Paso, TX (SX-190, FRG-7mod); Jack Jones, Jackson, MS (R-600); Rufus Jordan, Pittsburgh, PA (DX-302, Transoceanic); Bill Krause, Anoka, MN (R-7); Craig Krist, Falls Church, VA (FRG-7700); Jerry Lineback, Conroe, TX; Sandra Manning, Garland, TX (FRG-7700mod); Bill Mayer, Allentown, PA (DX-200, portable); Kevin Meyer, Falls Church, VA (FRG-7000mod); David Newkirk, Littleton, WA (R-1000 x 2); Sheryl Paszkiewicz, Manitowoc, WI (DX-302); Wilder Richard II, Evanston, IL (R-7, XCR-30); Gary Pieper, Fraser, MI (S-85); Gene Purdum, East Lansing, MI (FRG-7700mod); Steve Reinstein, Miramar, FL (RF-4900mod); Christos Rigas, Chicago, IL (VEF-206); Chris Samuel, Winnipeg, MB (RF-2800); Bryan Sharpe, Castro Valley, CA (DX-302); Clayton Shortridge, Fort Wayne, IN (R-1000); Donald Stidwell, Baltimore, MD (DX-302, FRG-7); Steve Valko, Dunlo, PA; Dave Walcutt, New York, NY; Steve Wallace, Lewistown, PA (HQ-150); Lauren Ware, Fairfax, VA (FRG-7700); Bill Wildes, Birmingham, AL (R-4C, R-1000); John Wilkins, Wheat Ridge, CO (R-1000); Eric Wittig, Charlottesville, VA (R-1000); Bob Zilmer, Rio Rancho, NM (R-1000, ICF-5900W).

The deadline for distribution by this editor is the 12th of each month. Reports received after that date will be held until the next month. If possible, loggings should be submitted on FRENDX report forms or something similar, with loggings cut apart so they can be properly sorted. Reporters should also send a signature slip listing name, address and receiver(s) so they can receive proper credit on this page.

de to

Terry



# ANTENNAS/ACCESSORIES

EDITOR: MIKE AGNER 301 N. PROGRESS AVE APT G10 HARRISBURG PA 17110

Howdy! Before I get on with this edition, I recently got a letter from Harold Sellers of the DX Equipment Information Committee in response to my query regarding Mosley. They are indeed back in business, though not supplying their once-popular SWV7/SWL7 antennas at this time. Their new QTH is 4610 N. Lindbergh Blvd., Bridgeton Mo. 63044 and the phone number is (314)7313036. The president's name is Bill Haack. My thanks to Harold for this item.

-----  
Now to Wayne Thompspon's list. Since most of his stuff is homebrew, unless there is a manufacturer's name there, assume all homebrew u.o.s.:  
Wayne Thompson, Decatur Ga.

215 foot grounded horizontal square loop (what does this look like, Wayne? mja)  
29 foot random wire  
25 foot random wire  
single cap antenna tuner w/RF amp  
double cap antenna tuner (switch, pi or l network)  
mini antenna tuner (only 4" w 1 1/2" h and 1 1/4" l - this I gotta see)  
low pass RF filter (30Mhz cutoff)  
passive audio filter (passband is 300 hz to 3 khz)  
active audio filter (ICs)-passband 500 hz to 2 Khz  
5 transistor active audio filter.  
\*\*\*this is the guy I showed you in that photo a while back. He says that it has a low/high pass at 1 khz peak. Impressive! mja\*\*\*  
various power supplies  
8" speaker in an outboard enclosure  
Realistic headphones (what, not homebrew?? hi mja)  
Micronta digital clock  
Akai x1800SD recorder  
Roberts 770x recorder (both are reel to reel recorders. mja)

Wayne, that is a dandy list. How abt sharing with us some schematics for those audio filters, and also tell us abt that loop? I'm sure there are some out there just a little curious. I know I am.

-----  
ODDS AND ENDS DEPT.-- I hesitate to bring up a rather annoying item, but it is a valid item....Don Sutlers(sp?) of Oak Forest Ill wrote me after the article came out on the Slinky dipole and says that he built a version of it out of an article from CQ magazine December 1980. (Cringingly) I thank you for that item Don and also the kind words....Do you remember the Snake antenna for 60 m that I wrote abt a while back? I am working on building a tri-band version- one that will cover 120, 90, and 60mb. More on that when I have more definitive test results. Watch out when stringing guy wires for verticals....metal guys tend to detune resonant verticals might be better to use clothesline with a nonmetallic core- Hey My Data Bank is really DRY!! I could stand to hear from all 2200 of you, OK? Before I forget, I understand the Sony corp. is bringing out their own version of an active antenna, as is Yaesu- one to match up with their popular FRG7700. The Sony antenna is supposed to be in the States this fall, according to the Sony rep at ANARCon 1982. Anyone hear anything more? This is the place to say something! 73e

HAP BID WINNERS: R. Harrington(611,612,620,625,652,654);T. McCurdy(603,604,656);R. Ruckman  
(613,636);C. Connell(602,608,626);D. Kuci(606);B. Wien(623,624);D. Jakubowski(605,609);  
S. McDaniel(610,614,639,651);L. Cammer(627,641);R. Kramer(621,622);E. Robinson(643);  
C. Mann(628,630);H. Rabinowitz(629);C. Shortridge(637,646,647);P. Lerner(631,644);G. Blom  
(615,635,645);N. Petrov(649);S. Meador(638) and GDXC(634,642)...Thank you very much...Sam.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five(5) for \$1.00:  
Radio Avon,KSSS,WBEZ,WBWX and Radio Ambiente. We also have KMFB,Radio Orwell, Radio Forth,  
Radio Trent, Radio Merseyside, KFX, Piccadilly Radio, Radio Medway, BBC Radio One, Radio Clave-  
land, BRT, Radio Netherlands, Radio Budapest, Radio Berlin International, KRDJ, KOME (black), KOME  
(yellow), WLR5, WDOM, WNMI, Radio Prague, Radio Sweden, KCUZ, WLLZ, KLZ, KXSR, Radio Canada Inter-  
national, PCH, KTXQ, WKTY, Radio Clyde, KCOL, KJR, KKFY, CKLG, WCMF, KIXY, ABC-FM Perth, Radio Tees,  
Radio France International, HCBZ, BBC World Service, BBC, IZB, ORF, 61X, 3ZB, Swiss Radio Inter-  
national, 6WF, 4GG, KSPX, CKNW, WJVA, WRCK, WLPX, KATR, KBDF, KBDF-1280, CFMI, Radio Aire, KWAX, WLIR,  
WMHR, WMET, KHFI, CKLM, WIRE, WQMF, WLUP, WINS, WFLR, WDOV, KROY, WYSL, WWSW, WHAL, WCFL (Large), WCFL  
(small), WDET (Large) and WDET (small)... We also have the following items at \$.50 each: Capital  
Radio (circular), Capital Radio-194, CFOX, 4ZA, BDXC-1981, Capital Radio (orange), Radio Tay,  
2YB and KVET.

The following B&W mini-posters are \$.25 each: SUV, Voice of Syncom, Radio Fil Rose, Radio Car-  
oline, Radio West, Radio London, Radio Duomo (woman), Radio Duomo (car).... The following metal  
station badges are \$.50 each: KZAM, CPTK, Radio Forth, CFTR, CFTR "Blues Brothers", WMET, WMHR,  
WLPX, Radio City and WLUP.

ADDRESS: We have a new address! Send your orders for direct sale items and bids to  
Sam Barto, 489 King St., Bristol, CT. USA 06010.

ADDITIONAL DIRECT SALE ITEMS: The following items are available at the quoted prices: WWON  
ice scrapers \$.50; CBC Southwest Ontario litter bags \$.50; KLOS balloons \$.25; KLOS balloons  
\$.50 and WBZZ plastic ID cards \$.25....SPECIAL OFFER: Five(5) different WPLJ stickers  
featuring "The Who", "The Stones", "AC/DC", "The Doors" and "Rock n Roll" - all 5 for only  
\$1.00. As a bonus we will also include a WPLJ "Money Card". The above Special Offer is  
FREE when you order at least \$5.00 in Direct Sale items!!!

HAP BID ITEMS: ITEM #1: Radio France International "Bag Tag", blue, white. #2: WINK sticker  
(4x9") yellow, blue, silver. #3: Greek DX Club sticker (4x4") m/c. #4: KIRO key chain, blue, white.  
#5: Radio Victory (UK) double sided coaster (4"cir) m/c. #6: SUV (Australia) sticker (2.5x10") m/c.  
#7: Radio Nacional do Brasil sticker (4x4") m/c very nice! #8: WHDH paper folder (9.5x12")  
m/c. #9: SUV (Australia) sticker (2.5x10") 2 tone brown. #10: 4ZA Radio Southland (New Zealand)  
metal badge (2"cir) m/c - sharp looking! #11: Radio Prague (Czechoslovakia) pin, red, gold, blue.  
#12: Radio Prague pin, red, gold. #13: Radio Prague "45th Anniversary" pin, red, gold, blue. #14:  
Radio Tashkent (Uzbek) 5 different postcards, m/c. #15: WROO license plate (6x12") m/c, nice!!  
#16: IXX (New Zealand) medium sized ballon with Logo, m/c. #17: Deutsche Welle (West Germany)  
English language 1972 Olympic reel to reel tape: #18: Cardiff Broadcasting Company (Wales)  
sticker (2.5x5.5") blue, white. #19: HJLM (Dominican Rep.) 1982 pocket calender, m/c. #20: Radio  
RSA (South Africa) 5 different postcards, m/c. #21: Radio Avon (New Zealand) sticker (5x19")  
red, white, blue. #22: HCVGB (Galapagos Islands) 1982 pocket calender, m/c. #23: WPLJ 3 dif-  
ferent Rock DJ 8x11" photos - very nice! #24: WCFL 4 different B&W station personality photos!  
#25: Radio Monte Maddalena sticker (4x6.5") white, blue. #26: Radio Tele Pace (Italian SW) sticker  
(3.5"cir) - very, very nice! #27: KYFM "Rainbow" decal (4x6") m/c. #28: WDR Radio (West Germany)  
3 different stickers, m/c. #29: Radio Berlin International (East Germany) coaster (4"cir) m/c.  
#30: WWHI (Virgin Islands) sticker (3.5x5") blue, white. #31: PJD2 (Netherlands Antilles) yellow  
pages address book, black, yellow - quite good looking! #32: Radio Vatican cassette tape of  
Rosary by Pope John Paul. #33: Radio New Zealand paper pennant (3.5x8") 2 tone blue. #34:  
Radio New Zealand paper pennant (3.5x8") yellow, orange. #35: Radio France International cloth  
pennant (4x8") blue, white. #36: Radio RSA cloth pennant (5.5x10") m/c. #37: Radio RSA coaster  
(4"cir) silver, blue. #38: Voice of Turkey cloth pennant (7x12") m/c - very sharp looking! #39:  
Ondas Azuayas (Ecuador) cloth pennant (6x11.5") m/c - excellent! #40: Radio France International  
plastic double sided pennant (3.5x8") red, white, blue. #41: Radio Sweden paper pennant (4x8.5")  
yellow, blue. #42: Emisoras Gran Colombia (Ecuador) 1977 cloth pennant (5x8.5") m/c. #43: Radio  
Nederland cloth pennant (4x5.5") m/c. #44: Radio San Sebastian paper pennant (4x6") blue, B&W.  
#45: Radio Veritas Asia (Philippines) paper pennant (3x5.5") red, blue, black. #46: KTXQ metal  
badge (1.5"cir) m/c - nice! #47: BBC World Service metal badge (1.5"cir) red, white, blue. #48:  
WCTC/WQMR 1976 key chain, m/c. #49: WFLR key chain, red, white. #50: WDR Radio station pen,  
B&W, blue. #51: Radio Rhema 3XC (New Zealand) sticker (3x8.5") red, white, blue. #52: Radio Wai-  
kato (New Zealand) sticker (3x9.5") red, white, blue. #53: Radio Avon sticker (2.5x9.5") red, white,  
blue. #54: Deutsche Welle sticker (3.5x5.5") blue, white. #55: Voice of Free China (Taiwan)  
paper pennant (3.5x6") blue, B&W. #56: Radio Peking plastic pennant "Mountain Village" (5.5x10")  
m/c. #57: BRT (Belgium) paper pennant (4x8") m/c. #58: Adventist World Radio (India) paper penn-  
ant (4x9.5") blue, white, yellow. #59: Radio Canada International vinyl pennant (4.5x9") red,  
white. #60: Voice of Asia (Taiwan) cloth pennant with yellow frill (6x8.5") m/c - very sharp  
looking!! #61: Radio Prague cloth book marker (3x8") "Woman with Flowers" m/c. #62: Radio  
Prague cloth book marker "Building" (3x10") B&W, gold. #63: IBA (Israel) flower book marker  
with frill (1.5x10") m/c. #64: Radio Hallam (UK) decal (2.5x13.5") m/c. #65: Radio RSA station  
pen, black, orange. #66: Radio Nederland stick pin, m/c. #67: Deutsche Welle cloth pennant  
(6x13.5) blue, white. #68: WDR Radio "Owl" pin, m/c. #69: WCTC key chain, silver, black....Sam.

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Panasonic RF-2600. I've logged over 100 countries with this set. \$130.00 or best offer. Trades considered. Bruce R. Lindner, 4205 SE King Rd., Apt. 24, Milwaukie, OR 97222. Phone (503) 653-0319 after 0200 GMT.

WANTED: Mint condition blank QSL cards from R. Sweden, RCI, and other stations that mail blank cards to those on their mailing lists. Will pay 1 IRC for each card if in the desired condition. Dale Park, 2253 Kanealii Avenue, Honolulu, HI 96813

FOR SALE: Panasonic RF-2200, the traveling DXer's delight. Compact, durable and sensitive, in mint condition. Tunes 3.45 to 30.0 MHz. A/C or battery operated. Superb FM sound, plus famed MW rotating null antenna for notching QRM on AM. Not a scratch on it and this served me well "on the road" in S.E. Asia. Price \$100.00 cashier's check. I'll pay UPS in U.S. Contact Ralph W. Perry, Apt. 222, 1001 Fuller-Wiser, Euless, TX 76039.

FOR SALE: Autek QF-1A filter, 1982 Model, like new. Price \$55.00 postpaid. John V. Eder, Rt. 2, Box 10, Inverness, FL 32650. Phone (904) 726-4776.

FOR SALE: Drake FS-4 Synthesizer in perfect condition. \$200.00 plus shipping. David Walcutt, 211 W. 56 St., Apt. 36F, New York, NY 10019. (212) 582-4340.

FOR SALE: MFJ-1020 Active antenna/pre-tuner with 9 volt AC adaptor. Like new. With instructions and specs. Most useful away from urban electronic congestion. \$55.00. I pay shipping. Richard Boltuck, 2838 178th Place, Apt. 13, Hammond, IN 46323. Phone (219) 845-5623.

FOR SALE: Allied AX-190 receiver (Cham bands model) in mint condition with speaker and manual. \$125.00, satisfaction guaranteed. John White, 55 Walden, Burnsville, MN 55337.

FOR SALE: SPR-4 just back from Drake with calibrator, blanker and extra crystals, \$295.00. ALSO: Allied AX-190 with crystals as in the SX-190, \$125.00. ALSO: MFJ-752 Audio Filter, \$50.00. I pay shipping. Tom Farland, P.O. Box 726, Cedar Rapids, IA 52406. Phone (319) 362-4832, 2200 to 0200 GMT.

FOR SALE: Sony ICF-7600 pocket-book size portable with 76-108 MHz FM, MW and five SW bands covering 19, 25, 31, 49, 75 meters with good frequency readout. In new condition and with original carton and packing and service manual. Price \$80.00. Larry Albert, P.O. Box 5394, Ft. Wayne, IN 46895. Phone (219) 485-9240.

WANTED: Hallicrafters SX-130 service manual with schematic covering alignment procedures. Sheldon B. Weinberg, P.O. Box 267, Wall Street Station, New York, NY 10005.

FOR SALE: Drake 2B, 2AQ with 9 crystals and manual. Mint condition, \$135.00. ALSO: Past issues of FRENDX, Oct. 1976 to July 1977 plus Aug. and Sept. 1977. \$5.00. Peter J. Giacobelli, 305 Ocean Ave. Malverne, NY 11565. (516) 887-7490.

FOR SALE: R390A/URR receiver, reconditioned with spares and manual. Excellent condition. \$300 firm. John England, P.O. Box 4827, Boulder, CO 80306. Phone (303) 444-5710, Ext. 607, Days.

FOR SALE: Hammarlund HQ-200 in good condition with manual. Price \$200 plus UPS shipping. Kent Corson, 2269 Graham Circle, Dubuque, IA 52001. Phone (319) 582-2483 after 0100.

WANTED: Mizuho SX-59 with manual only. Send postcard with price to William R. Dunham, 2105 Giuffrais Ave., #A, Metairie, LA 70001.

WANTED: Collins 55G-1 Preselector for Collins 51S-1. Dick Leichman, 6890 Greenlawn Road, Hamilton, OH 45011. Phone (513) 894-5022.

WANTED: Good quality cassette tape of Radio Japan's August 5 English lang. transmission, either the extended General or NA Service. I am willing to either borrow or buy the tape and will pay postage. Gene Nix, 428 Prairieview Drive, #A, Gillette, WI 82716. Phone (307) 682-2623.

FOR SALE: MFJ-752 Dual Tunable Audio Filter, like new. Includes 110v AC Adapter and instructions. Price \$45.00, I pay shipping. Jim Mann, 112 Lake Road, Green Pond, NJ 07435. Phone (201) 697-5404

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EXECUTIVE DIRECTOR & PUBLISHER - Bill Oliver, 45 Wildflower Road, Levittown, PA 19057  
BUSINESS MANAGER & TREASURER - Mac Leonhardt, P.O. Box 13, Liberty, IN 47353  
SHORTWAVE CENTER - Christian P. Hansen, 2825 Webb Ave. Apt. 5-F, Bronx, NY 10468  
LISTENERS' NOTEBOOK - Glenn Hauser, Box 6287, Knoxville, TN. 37914-0287  
QSL REPORT - Sam Barto, 489 King Street, Bristol, CT 06010  
UPDATE EDITOR - Tom Alleman, 615 43rd Terrace, Apt. 6, Kansas City, MO 64111  
DISTRIBUTING EDITOR - Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758  
LOG REPORT (A) - Stu Klein, 642 Cranbury Cross Road, North Brunswick, NJ 08902  
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