

FRIENDS



R. Petöfi: 3 flutes, 2 violins, 1 cello, 1 double bass.

ANN: "Kossuth Radio, Budapest - Petöfi Radio, Budapest".

FOREIGN SERVICE

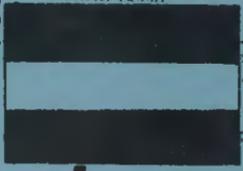
STATIONS: Jaszbereny (G.C: 19.52E/47.35N), Diosd (G.C: 18.57E/47.25N), Szekesfehevar (G.C: 18.24E/47.10N). 3/15/100/250kW.

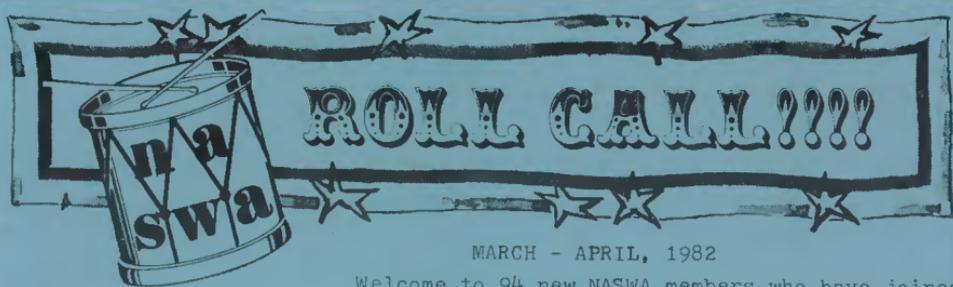
kHz	kHz	kHz	kHz	kHz	kHz	kHz
5965	6025	6110	7200	7275	9655	15160
5980	6040	7155	7215	9585	11910	15220
6000	6105					

TO EUROPE

English	kHz
1200-1220	6110, 7155, 9585, 11910, 15160
(Mon-Fri)	
2100-2120	6025, 6025, 6110, 7200, 7275, 9655

RADIO BUDAPEST





MARCH - APRIL, 1982

Welcome to 94 new NASWA members who have joined since the January - February list was published.

- ANDERSON, David C., Glenwood, IL
 BALLIETT, Gary, Bedford, NY
 BARTEAU, Robert, Frorissant, MO
 BERKMAN, Neal H., Quincy, MA
 BOWMAN, John, Tallahassee, FL
 BOYD, John R., Ft. Worth, TX **
 BRAUD, William, Del Valle, TX
 BROWN, L.H., San Antonio, TX
 BUCHANAN, Donald L., Austin, TX
 BUKACEK, Frank, Omaha, NE
 BUSS, Dennis C., East Windsor, NJ
 CAMERON, Donald L., Peterborough, Ont.
 COONEY, Michael, Toronto, Ont.
 CUMMINGS, Bill, Lombard, IL
 CYLKE, Frank K., Great Falls, VA
 DAVIS, Skip, Annapolis, MD
 DELLIT, Sam, Mooroolbark, Australia
 DOLPH, Jimmie L., Indianapolis, IN
 DOYLE, David H., Quincy, MA
 DRUCK, Roger L., Covington, KY
 DUBOIS, Joel, East Rochester, NH
 DUNHAM, William R., Metairie, LA
 DUNPAL, Larry, Anchorage, AK
 EDGE, Joe D., Alexandria, VA
 ERNST, David W.K., Sterling, CO
 ESTEVES, Manuel G., San Juan, PR
 FARRELL, James, Lexington, MA
 FERNANDEZ, Tom, Rockford, IL
 FISH, Joseph K., North Andover, MA
 FONG, Philip S.L., Union, NJ
 GAFFNEY, Joseph, Somonauk, IL MI
 GARSIDE, James R., Sr., Traverse City/
 GASTON, Peter J., New York, NY
 GEORGE, Nelson M., Fayetteville, NC
 GLASGOW, Mark J., Calumet City, IL
 GOLDSTEIN, Steven, Brookline, MA
 GOMMENGINGER, Larry, Fairport, NY
 HAGEN, David, Hazen, ND
 HAMMEREL, Greg, Hurlburt, FL
 HART, Greg, Bradenton, FL
 HAWK, Michael, Hampton, VA
 HEALY, Craig, Pawtucket, RI
 HOGAN, Michael L., Burnham, IL
 HUBERT, Ralph R., Waterford, NY
 ISHENGE, Dzever, Johnson City, TN
 JINDRICH, Ralph W., Chicago, IL
 KEELEAN, Robert M., Princeton, WV
 KENDRA, Robert C., Allentown, PA
 LEARY, Al, Akron, OH
 McDAVITT, Bill, Ft. Walton Beach, FL *
 McKIBBIN, Robert J., Denver, CO
 McLEAN, William D., Ann Arbor, MI
 MADIGAN, John, Falls Church, VA
 MATHES, Gary R., Lakewood, CO
 MATHISRUDE, Jay, Minneapolis, MN
 MATSON, Dave, Menlo Park, CA
 MIGLEY, Bill, Lancaster, OH
 MUNSON, Norman, North Canton, OH
 MYLOD, Charles P., Charlottesville, VA
 NELMS, David, Manassas, VA
 NEAL, Sam, Cleveland, TX
 NOLL, Richard G., Baltimore, MD
 NUTT, Steven L., Norridge, IL
 OFFERMANN, Jeffrey K., Levittown, PA
 PETRUZZELLI, Eric, Ft. Lauderdale, FL
 PETZOLDT, Richard J., Hawthorne, CA
 POGUE, Ronald M., Kokomo, IN
 QUINN, Thomas M., Port Washington, NY
 RICE, David S., Menlo Park, CA
 RICE, Paul A., Carlisle, PA **
 ROBINSON, Evermont, S. Ozone Park, NY
 ROMAIN, Steward J., W. Hempstead, NY
 SCHOON, P., Pottstown, PA
 SHIRASE, Tony, Los Angeles, CA
 SIMOR, George, Demarest, NJ
 SIWEK, Stan, Davis, CA
 SMITH, Clarence M., Binghamton, NY
 STEPHANY, Nolan, Williamson, NY
 STUBBS, Robert, Castro Valley, CA
 SYFERS, Jim, San Francisco, CA
 THORNTON, Tom, Parsippany, NJ
 TODD, David B., Keesler AFB, MS
 TORREY, Kris, Colton, CA **
 TUFT, Dennis W., Apple Valley, MN
 UNDERDOWN, Bob, Fayetteville, AR **
 VALDINO, George T., Bellevue, WA
 VARGO, James, Lawton, OK
 VORPOHL, Mark, APO Miami, FL
 WALLICK, Frank, Washington, DC
 WANSACK, Tim, Weirton, WV
 WHYSEL, Brett F., Westport, CT
 WORSFOLD, Ray, Don Mills, Ont.
 YOSHIDA, Akira, Iwate, Japan
 ZABOT, Bob, Virginia Beach, VA **

** Welcome back after a brief absence!

THE NEXT LISTING WILL APPEAR IN THE JULY FRIENDS

shortwave CENTER

A Chronicle of DX Articles,
Interviews, and Opinion



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

May 1982 Edition

Hola! Welcome to another round of Shortwave Center. Just got back from Florida the other day and asked my neighbor George what he thought of my tan. He said "Boo tan, Boo tan". I suppose he did not like it. Well, for the record I did not like it either. Now, you may very well be asking yourself the following: "Why is this guy printing this in Frendx"? Well, I could not see bestowing greater morality upon my neighbor than my friends in Frendx. Now you all know about it. Don't you feel better? I do. On to this month's features...

Shortwave Center Sounds off department....

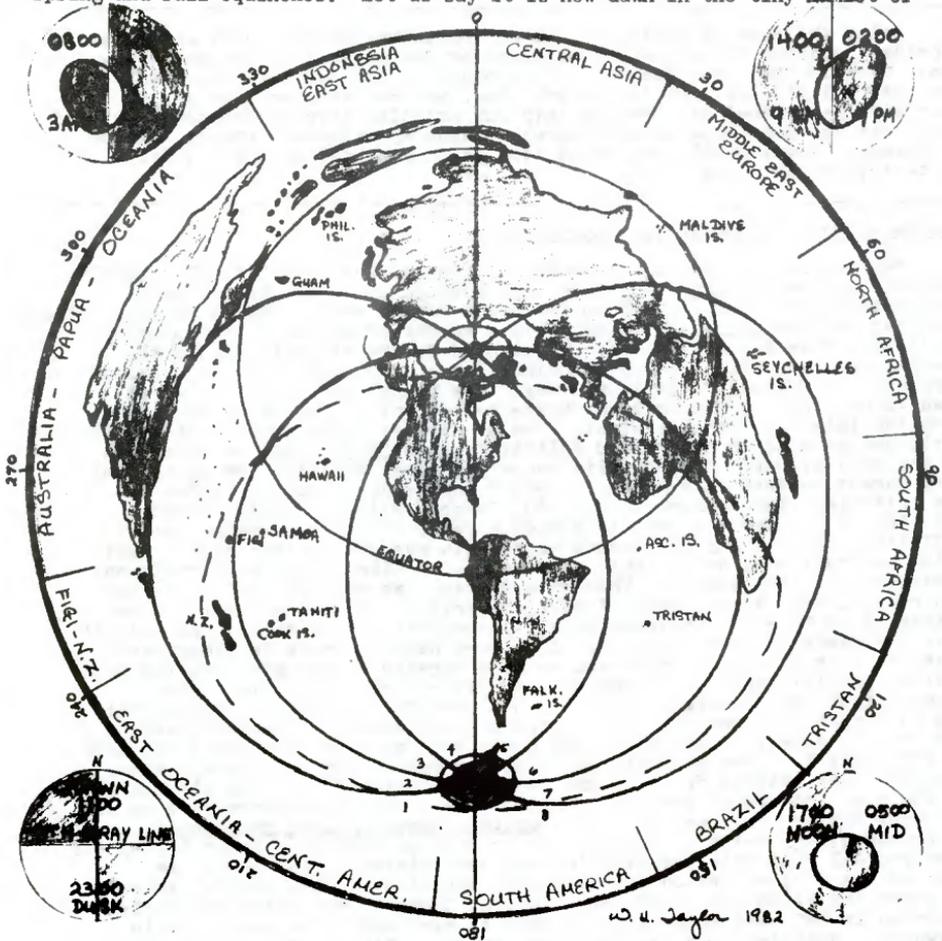
For the first time in a long while I am going to steal a half sheet and comment upon some things that have been popping up in my mind of late. Random thoughts. The new kid on the block is the United States DX Association. They put out the Signal. The USDXA is a merger of sorts of three regional DX clubs. I am a member because I belonged to the Atlantic States DX Association, one of the three founding clubs. The last bulletin received here was for February. It is now May. The Signal is late. The USDXA used to say that "no one covers shortwave better!". Frendx is on time with the latest and the greatest. Say no more!!!...The Ontario DX Association publishes each month a splendid bulletin called DX Ontario. A young man by the name of Terry Bowden edits their Interface section. He makes some very cogent remarks each month. I would encourage you all to subscribe to the bulletin. The address is R.R. #3, Campbellville, Ontario, Canada L0P 1B0. I believe the cost is \$20.00 a year. It is a thinking man's bulletin. While I may not always agree with everything they say, I must point out that they do one hell of a job....Al Sizer makes some profound statements in this issue of Shortwave Center. We hope you all read them and reflect upon them. Send Al your comments....It is obvious that the return of Ed Shaw is something we all needed for a long time. The mail at this QTH has been very positive. I am very happy to have Ed along board with the rest of the SWC team and we look forward to bringing you the best that we possibly can....Welcome to the editor's chores to Stu Klein! I thought that Stu did one heck of a job in his first effort. Beside that, Stu is a fine dxer who has long contributed to Frendx....Congratulations go out to Jack Jones, a long time friend who has recently been named SPEEDXER OF THE YEAR!!! I can not think of a better person for the honor. Also, Jack has just retired from his job, and looks forward to dxing all hours of the day, instead of just the morning, hi!...Congratulations also go out to Gerry Dexter, the new editor of Popular Communications Magazine's SW broadcasting section. Look for it on your newsstand....Hopefully by the time you all read this the dispute over the Falkland Islands will be settled peacefully. We do not need more conflict in this world. As we go to press the situation looks very dim....I thought Dan Robinson's series of articles in SWC were some of the finest to ever appear in any bulletin, anywhere! Reaction here has been just super....Bill Oliver does a fine job with Frendx. Don't you all agree? Amazing how a guy with so little talent can do so much!!! Sorry Bill. Had to get that in! I really love him! These were just thoughts on my mind. Thanks for listening! jm

GRAY LINING THE GREAT CIRCLE

The azimuthal map shown below is a great help to those of us who are interested in directional antenna arrays. But I've found that the light and darkness paths, when superimposed upon a great circle map, can make this tool even more usefull than before.

Briefly, for our novices, the map below is centered on the north-eastern portion of the country. The general beam headings for the shortest propagation paths would still apply out through the midwest. In order to use your antennae more efficiently, orient them for particular target areas. Once you have your ears up, these maps provide a good tool for the selection of a particular antenna for a certain signal path. Remember, though, that the magnetic north pole is located in the Queen Elizabeth Islands. Hence, here in the northeast, true north is actually about 8° (NNE) on a magnetic compass. If you live in Abilene, Texas or Brandon, Manitoba; the readings are the same. If you live on the west coast, true north will be from 4° to 6° west of magnetic north. The further north you live (Newfoundland, Alaska, etc.) the greater that this variation will then become. Magnetic north is QTH 76.20°N, 101°W; ask your travel agent about mid-winter discounts.

The axial line below (N/S) is the "gray line" through my QTH at the spring and fall equinoxes. Let us say it is now dawn in the tiny hamlet of



Unionville. The entire area to the right-hand side of the map is now in sunlight. Everything to the west is in darkness. By 9:00 am, the dawn line will have progressed to the west coast; and dusk is fast approaching the Middle East and eastern Europe. As we are preparing to eat our lunch at noon; Figians are watching the sun rise, and western Europe and western Africa are plunging into night. As 3:00 pm arrives; it is dawning in Sydney and Papua. When the dawn has advanced to Sumatra and southeast Asia, we are sitting down to dinner and clicking on our lights. We're on the gray line again.

The next twelve hours would follow the same geographical procession in reversed areas of light and dark. As such, our EST midnight shows that it is dawn in Germany, France, Libya, Nigeria and Angola. Similarly, it is chow-time in New Zealand.

Seasonal variations can be easily approximated. Since the sunlight never penetrates the arctic circle in winter; and never leaves it in summer; you can mentally "squish" the circles to conform to the season. In our northern hemisphere winter, simply envision one of the circles as a balloon. For example, let's use noon EST (1700 GMT). It is December 20th. The circle of daylight just touches the arctic circle above Hudson's Bay. It cuts through the Yukon; passes just above Hawaii; circles just west of Fiji and cuts under New Zealand; then it encompasses all of the antarctic and swings out into the South Atlantic; the path of dusk cuts between South Africa and Mozambique; then through Nigeria, Spain and the southern tip of Greenland. One rule to remember is that these circles always cross the equator within several hundred miles of each other regardless of the season. For our purposes here, you should use the same equatorial intersection when you compress at one of the poles. Just imagine our example as a balloon. Put one hand on the northeast lobe and one on the northwest lobe; press down firmly and you will get two bulges on the bottom; much like a radial tire, actually.

One trick that I have found to be handy is to color-code the sections. Take this *Freudx* to your local xerox shoppe. Copy the map; or, even get several copies and give them to your friends. Then, when you return home with the copies, get out some crayons and lightly shade the different segments. I recommend the following "rainbow" effect colors, but any order will suffice. Color sections 4 and 5 yellow. Color #3 green; #6 orange; #7 red; #2 blue; #1 purple (violet); and, #8 brown. With this type of color scheme, it is more simple to associate pertinent areas. The yellow and red combine to form orange, for example; and, together, they form a "12 hour circle".

When you are all done, post the map in your shack in plain view. You now have a quick reference for both beam headings and propagation paths. Good luck. And, good DXing/SWling.

73s *Buc*

* * * * *
Book Review

Pick an island, any island. Don't tell me what it is. Now, put it back.

Rotuma? Part of the Fiji group, 643 km North of Suva. First visited by the M.M.S. Pandora in 1791 as that snip searched for the mutineers of the Bounty. The island covers some 36 square km. and is peopled by Polynesians of lighter skin color than most. Two Christian sects vied for supremacy until the island chiefs asked to be taken over by Britain, a request finally granted in 1881. Today there are more Rotumans scattered throughout Fiji than there are on the home island.

Rotuma is just one of hundreds of South Seas islands covered in the second edition of the South Pacific Handbook by David Stanley, published by Moon Publications at \$12.50.

Like its sister volume, The Indonesian Handbook, it is about as thorough a treatment of an area as one could possibly hope for and very readable, unlike some guidebooks.

Its 560 odd pages include detailed descriptions of everything from history to culture, detailed maps of islands and major towns, hundreds of photographs and drawings, some in color. The Papua/New Guinea section is quite extensive.

Shortwave listeners and DX'ers may lament the lack of radio stations in the South Pacific but the South Pacific Handbook does make up for that unfortunate situation to a degree at least. And one can certainly explore further those places which can be heard such as Tahiti, Kiribati, Vanuatu, The Solomons, Guam, and the many in Papua/New Guinea. So from either aspect, it passes the test as a worthwhile addition to a shortwave fan's library.

What? You didn't pick Rotuma?

G.L. Dexter

IT SOUNDS TO ME!

BY ALVIN V. SIZER, 22 COUNTRY WAY, NORTH HAVEN, CT 06473

In the continuing debate over pirate stations which has occupied our hobby for sometime there is one aspect on which I think all dedicated and decent hobbyists should agree---we should not tolerate the presence on the airwaves of anyone who glorifies in obscenity, sexism and bigotry. Such people should be given no publicity whatsoever and should be promptly reported to the Federal Communications Commission whenever heard.

My anger has been aroused in the past by reports of such "stations" but has been most recently occasioned by publicity given to "Radio Douce". I hesitate to print the name but it is necessary to identify what I am talking about. The fact that the indecencies are execrable, the "humor" deplorable, is something I could live with. The fact that the whole concept is sexist and a slur against women is unforgivable. No wonder we don't have more women in the hobby!

The fact that an editor added his own attempt at sexist humor to a report on the station is incredible.

Reports on an equally objectionable station, WKKK, this time because of religious and racial bigotry, appeared in the September and October issues of FRENEX. I had no objection to the reports--although I think it is a mistake to give these perpetrators any free press--because the DXers reporting were rightly irate about the broadcasts.

Wrote Mike MacCollum, Indiana: "...drunken fooling around, not very amusing or entertaining. While I really liked some professional pirates in the past, this station had dirty jokes, some about 'niggers'. Pretty worthless. I hope it was their first and last broadcast."

Maxfield Greenwood, Pennsylvania, right on target here, commented: "On reading about it I was angered at the possibility that one or more ops of this noxious and repugnant pirate may be NASWA members. We must not and cannot have hate-mongers in our ranks. Anyone who knows who they are should turn them in."

Steve Webster, Ontario DXer whose name was mentioned by the broadcasters, disowned all connection with the station and observed: "I can understand a group of DXers getting together and deciding to have some fun but they went overboard, way overboard---getting on the air using names of real people is bad enough but on top of that to associate them with an organization like the KKK! It is a matter for the DOC here in Canada, not the FCC. I never thought they could stoop so low!"

I might point that using real names in this context is certainly slander and may well be libel, real trouble for a legitimate station and an invitation to jail for an unlicensed one.

You will realize that in giving publicity to the above details I am doing what I advised others not to do but my motives are good. I want to see these people off the airwaves and out of the hobby.

It may be objected that freedom of the press, freedom of speech, gives editors an obligation to publicize these stations.

This is hogwash. Such rights impose no obligation on any editor to publish anything and everything that comes his or her way. In fact, a good editor has a responsibility not to do that.

It may seem I am getting unduly worked up about this subject but consider it in this light: the offenders may well be members of our hobby, even of this club. I figure I get a black eye from their activities. I figure you do too. People outside the hobby, happening to hear or read about them, automatically figure they are DXers or SWLs.

There is one other angle to consider. We do have some women in the hobby, regrettably all too few. Some of them may be teenage girls. We certainly have a lot of teenage boys, some of them pre-teens. It's a great advertisement for our hobby, a great way to attract youngsters.

I hope you agree with me. I hope you will think twice about giving these jerks any publicity but if you do only in the most unfavorable terms. But more than that, if you know who they are warn them to desist or you'll turn them. And then do just that if they persist. If you don't know who they are, turn them in to the FCC.

Jerry Berg, the Massachusetts DXer, once reported one of these operations announcing that this might be their first and last broadcast.

"We should all be so lucky!" Jerry observed. Amen, Jerry and right on!

AFTERTHOUGHT: The above is intended to be no reflection on the many pirates who do not offend in their broadcasts. In fact, I solicit their aid in ridding our hobby of the bad eggs.

If you have been following the news lately you will be aware that never has shortwave played a more important role in world affairs. Clandestines have furnished otherwise unobtainable information to the press time after time in Central America, Africa and the Mideast. And whenever there is a coup, it is the country's radio station that becomes the focus. Tune in!

This Is The Way It Sounds To Them! (Feedback on past columns--right to edit and shorten is reserved.)

From MICKEY ANDERSON, public relations director, Voice of Clipperton:
"Yes! There is a need for amateur broadcast bands. I agree 100% with Scott McClellan that since the FCC allows amateur communications there should be a place in the shortwave spectrum for amateur broadcasting. There should be an incentive licensing program similar to that of amateur radio; the higher the license grade, the more frequency and power privileges one should receive. After the applicant receives a license the FCC would allocate a call sign to the station and operation would proceed according to the rules set forth by the FCC.

"There is one alternative to this plan and that is to allow amateur radio operators to broadcast news, music and general information and other forms of entertainment to the general public."

From GEORGE B. SHERMAN, Minneapolis, MN:
"It is legal for two individuals (CB, ham or ute) to take up space in the overcrowded SW spectrum talking about almost anything yet if a person puts on music or entertainment that may be enjoyed by millions of people it then becomes illegal."

After deploring the fact that because pirates are intimidated from publishing frequencies or schedules and are therefore deprived of anything but small audiences, Sherman comments: "Many would find it outrageous how much time and money the understaffed FCC spends tracking down pirate stations when they should be locating electrical QRN and enforcing rules of licensed stations more strictly. The FCC should set aside a few frequencies for lowpowered SW BCing without ads."

From JEROME HADEN, Metairie, LA:
"You ask what we think of WRNO? The real question is what's wrong with WRNO. First, their religious programs. I don't mind those on HCJB or WYFR. The station and entire staff is committed to what they believe. I have the impression that WRNO is merely broadcasting the religious programs to help pay the electric bill."

Next complaint is automated music. Just about every country WRNO is aiming at has the same songs played on local stations with a much better sound. What is important, and WRNO at present is doing nothing about it, is what goes on between the songs. I know nothing about costs, but certainly Mr. Castello has a sufficient pool of talent among WRNO-FM and the various other radio stations he owns in Southern Louisiana.

"The idea of a shortwave commercial station is great. I don't mind his selling T-shirts for six bucks. Glenn Hauser's "World of Radio" is an asset to the broadcasts. I'm very disappointed that the people who have brought me WRNO-FM locally cannot even come close to providing an even partially adequate shortwave station. Hopefully, the station is off to a slow start and will improve with age."

From JOSEPH KONONCHIK, Ledyard, CT:
"On Ted Bart's comment (March FRENEX) that 'most people can now only depend on Radio Shack and their radios and books are not very good.' On the contrary 'most people' today will shop around and find other places that will cater to the SW hobby. A few examples are Radio West in Escondido, CA and Gilfer Shortwave in Park Ridge, NJ. The consumer is a lot smarter today and will not allow himself to depend on one outlet."

"Also, Radio Shack radios and books may not be 'top-of-the-line' but I disagree with the statement that they're 'not very good.' I've had a Realistic DX-160 that served me very well. At present I have a DX-302. Despite contrary beliefs, this is a very good all-purpose receiver. I have had no trouble at all with it. And there is valuable information you can find in their books."

"I do agree with Ted about 'emphasizing the basics and spreading the word about our hobby.' I would also like to put in a plug for Ed Shaw's new column, 'Technical Topics.' This is what FRENEX needed and will definitely be an asset to our hobby."

From CHARLES L. EPPS, St Louis, MO:
"You are right--you cannot tell others what you heard on your scanner. I have been wondering how the news services get away with it."

I do like to listen to scanners, along with shortwave sets. I have 10 scanners. We are real lucky we live in a free country like we do. There are some countries that will not let you listen to the police and fire departments. But here we can listen to the FBI, the FCC, anything we want to as long as we have a radio to pick it up. And all they ask is not to tell what you heard. I can live with that."

George Sherman (see above) also commented that he "could hardly believe the attack on the 90 meters." I didn't consider it an attack. George, just disappointment that the band has deteriorated as a SW band. "Some of my best DX has been here," says George. "The utes do make it more of a challenge and 60 meters is easier to DX. When a station breaks through a ute finally the catch is just that much more exciting."

As I type this the Falklands Islands are finally in the news in a big way. Both radio and TV combine with newspapers in telling of the invasion by Argentina. Those of us who were lucky enough to log and verify the small station consider our QSLs all the more precious. If Britain had paid as much attention to the Falklands as we DXers did this might not have happened. But again, will Argentina set up a powerful station there?

SHORTWAVE CENTER RETROSPECTIVE

DX STATIONS OF YESTERYEAR: SPANISH GUINEA

by Jerry Berg

If you like places that conjure up images of Africa primeval, Spanish Guinea, or Equatorial Guinea as it is now known, will qualify.

The country consists of three separate geographical areas. On the mainland, surrounded by Cameroon to the north, Gabon to the south and east, and the Gulf of Guinea to the west, is the enclave of Rio Muni, including the three islets of Corisoco, Elobey Chico and Elobey Grande. The capital of Rio Muni is Bata. About 20 miles from the African coast, across from Douala, Cameroon and 150 miles northwest of Rio Muni, is the island of Fernando Poo, also known as Macias Nguema and, most recently, Bioko. The capital of this island was traditionally known as Santa Isabel, but is now called Malabo. It is a lofty, volcanic island, 25 by 34 miles in size. The rugged mountains on the south of the island are said to be virtually inaccessible. Finally, fully 400 miles southwest of Fernando Poo is the island of Pagalu, formerly known as Annobon.



EMISORA
RADIO ECUATORIAL
BATA
RIO MUNI

These three areas comprise Equatorial Guinea. It is 10,831 square miles in size and has a population of roughly 300,000. It is an agricultural country, the main industries being forestry, cocoa and coffee. It was actually founded by Portugal in the late 1400's, but was ceded to Spain 300 years later in order to give Spain its own source of slaves in exchange for Spain's recognition of Portugal's rights in Brazil. It is the only modern day fragment of Spain's early claims on the African coast ranging from the Niger River (in present day Nigeria) to the Ogooue River (Gabon). Formerly a Spanish colony,

Equatorial Guinea is today an independent republic where, as QSL seekers have discovered, communication with the outside world has been restricted and--based on what little news trickles out--politics is bloody. Recently, however, there are indications that things are improving, albeit slowly, on both counts.

Whatever may have been the moral or political shortcomings of the colonial era in Africa, it produced some great DX. In that "golden era" of DXing 20 or 25 years ago, power was low, QRM was less and stations were friendly. Although Equatorial Guinea is a straightforward log today, in the late 1950's it was a top quality catch.

Then, as now, the "main station" was Radio Ecuatorial, Boda, also known then as La Voz de Espana. Unlike today, however, the station operated with a Hallicrafters BC-610 transmitter and emitted only 400 watts of power. It was on the air from 1100 to 1345 GMT and from 1900 to 2200 GMT. The frequency was nominally 7850 kHz., though that channel was generally occupied by Tirana, itself a good catch in those days. Bata ended up closer to 7846, and was once reported as low as 7794. The signal was often fair on ECNA, but the band always suffered from utility interference. It just added to the thrill of pulling this one out, however. The station was audible from after 2100 GMT until sign off, which was around 2205 and marked by a shout of "Arriba Espana" followed by the Spanish national anthem. Power was long ago increased to 5 kw. Recently a new 50 kw. transmitter was installed, and now there are plans for a foreign service of some sort.

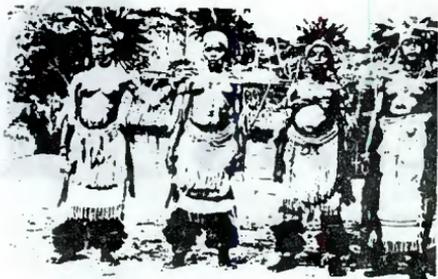
Although a few QSL's from Radio Ecuatorial have been reported over the past few years, the station has essentially been a non-verifier since the country was closed to the outside world. In the old days, however, Radio Ecuatorial sent a very nice card showing a map of Africa and an antenna in a jungle setting. Although these were "no data" QSL's, they carried a definitive verification text and each QSL was numbered. I also have a very nice Christmas and New Years card from the station with "QSL" stamped inside, plus a letter thanking me for a taped report and saying the station was returning the tape with "musica grabada de esta tierra." If it ever arrived, it has long since disappeared.

The other regular station in Spanish Guinea was on Fernando Poo, Emisora de Radiodifusion de Santa Isabel, later known as Radio Malabo and now IDing as Radio Nacional de Guinea Ecuatorial. It operated first on 7160 kHz., but then moved to 6240 where it was generally heard over the years. The station operated



QSL
Amateur Radio is an activity
that dates back to the early 1900s, and
has become an established and recognized
activity in the world.

106



with a "una potencia en antena de 3 kw.," according to the station and a horizontal dipole. At times the station also used a 1 kw. transmitter and a vertical antenna. According to an old schedule, they broadcast at 0630 to 0730 and 1100 to 1400 FMT Monday through Saturday, 1700 to 2100 on Monday, Wednesday and Friday and 1700 to 2230 on Tuesday, Thursday, and Saturday. Sundays they were on from 1200 to 1430. However, my own notes and other loggings of the time show that they were actually heard most days until 2200 GMT, when they closed with an ID and anthem. I see a note in one of my old logs that they used "either a single gong (sounds like an ask can cover) or a

music box IS." This one was also a cordial verifier, sending a glossy photo card showing four rather fierce looking ladies on the front, and all data but frequency on the back. They also responded to taped reports.

There was a third station that appeared to be in Spanish Guinea, though I never heard it myself. It was Radio Calatrava, said to be located in the town of the same name. Although my records from those days are incomplete, it was heard both in Europe and the U.S. circa 1958 on 6682 kHz. No one seemed to have any definite information on the station, but it was heard by some of the top DXers of the time and there is little doubt that it did exist. Perhaps someone else who was active back then could provide further information on that one. In any event, it added a little extra mystery to what was always an exciting experience anyway: logging Spanish Guinea.

MUSICAL FORUM

This time around there is again more rock than anything else! I again ask that more of you tell us what you like in music. Don't tell us what you do not like. We will know that by what you like, hi!

Niel J. Wolfish, up in Toronto, Canada, the home of some fine Canadian groups, chimes in with his current favorites: "A Trick of the Tail" by Genesis, "Wish You Were Here" by Pink Floyd, "Ghost in the Machine" by the Police, "Between the Buttons" by the Rolling Stones, and "Worlds Apart" by SAGA. Niel also says he likes the Pretenders current and the Beatles "Let It Be", which I am playing while I type this. Speaking of which, if you have ever been fortunate enough to hear the original version of "Across the Universe", written by John, the background harmony is from two girls that John and Paul dragged in off the streets. The version on "Let It Be" is missing this, as Phil Spector's "wall of sound" cut it out. In the Playboy interview John pointed out that the original was one of his favorite Beatle tunes. We agree.

John Herkimer, up in New York says "your idea of using DXers music interests in SWC is great! Just for your curiosity, I am listening to the Police as I type this (Ghost in the Machine). I also like the new John McLaughlin album "Belo Horizonte", Jeff Beck's "There and Back" and a nice record called "Music of the Andes" by a San Francisco group called "Sukay", devoted to Andean Music." Perhaps Ralph Perry or Pitt McNeil can give us their current Andean favorites in a future issue of musical forum?

The Go-Go's have become the first female group to hit number one on the charts of almost everybody. I love the album. Indeed, the word is that the debut album is doing so well they have had to postpone work on their follow-up long player.

My favorite FM station is M105, Cleveland, Ohio's "Classic Rock". They do one fine job, especially Jenny, Marty, and Bill. Saturday night at 8:00 pm they do their original "block parties", wherein various groups are concentrated upon in half-hour periods. It goes on into the wee hours of Sunday morning. Also, they are commercial free on Sunday and Monday. My SWC salute goes out to M105! Tell us about your favorite FM station.

Not much more to add this time around. Send in your favorites and they may just appear in "musical forum", right here in the pages of SWC. Nobody can listen to the radio and not have a musical favorite! Tell me about the style of music that most interests you. Try to limit it to a paragraph or so. All styles and forms are most welcome. Catch you all next month. jm



VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

A few quick notes: The article on the birth of the SW spectrum in the March issue contained an error on page 4. The experimental band is not 1200 meters; it is 1750 meters LW. Sorry 'bout that. The following article was mis-shelved from last spring. Sorry Stevan. Geez, I looked at a Sad Sack comic book and thought I was looking in a mirror. (If you're too young to remember Sad Sack; imagine a hybrid of Beetle Bailey and Alfred E. Newman from Mad Magazine.)

HAMMARLUND HQ-140-X
by Stevan Davies

I noticed your request in FRENEX for reviews of ancient DX machines. The only machine I own, or have ever owned (hence no comparison), is a Hammarlund HQ-140-X. This is apparently somewhat rare; as the only mention I've ever seen for a similar machine is for an HQ-140-XA.

It cost me about \$125.00, as I recall, about 1976 from a ham radio outlet near Philadelphia. I have no idea how it rates compared to some other sets. However, it appears to me that I can pick up an amazing number of stations which seem to cause more trouble to people with far more expensive sets. For example, I can rely on picking up one or more New Guinea stations on the 90 meter band simply by staying up until 6:00am. At sunset or midnight, I can usually rely on picking up Mauritania, Benin, Ghana, Ivory Coast, Cameroons and Togo. Last night I picked up Niarey, Niger 5020 doing the usual Qur'an chant. For what its worth, the quality of this radio is such that, with an absurdly amateurish antenna (in effect, a long wire just thrown into a tree and leading directly to the receiver), I can rely on receiving Mauritania 4845 and, occasionally, Niger 5020.

Tuning is convenient when you are used to it. The HQ-140-X has six bands for general coverage from .540 to 31 Mhz. And, by keying in on time stations, I can estimate frequencies reliably to about 3 to 5 khz. The antenna tuner is a wonder, and causes major variations in carrier level when adjusted. The carrier level indicator is probably not accurate, but it gives relatively accurate readings, which is all that is really necessary.

The noise limiter is virtually useless except during major electrical storms. Otherwise, it merely dulls the high pitches. The crystal selectivity has six positions (off and 1 thru 5). Positions 1, 2 and 3 are rather broad tuning and hardly sharper than IF tuning. Positions 4 and 5 are much more selective. Crystal phasing is very useful. It is essential for very faint stations and ones with much interference. However, it is not very effective for stations that are superimposed upon each other.

For ordinary purposes, the AVC control is adequate. Manual VC is helpful for reception of powerful stations, as well as to cut down on any overloading. Unfortunately, of late, overloading seems to persist unless the Manual VC is turned very far down and reception thereby seriously diminished. Why is this? (This could be from a misaligned RF section; but probably it is due to the fact that there is only one tuned RF section then three IF amps to keep boosting whatever got through the one RF stage. I'm rather partial to the two RF stage/osc.-mixer/two IF stage set-up. It gives you greater discrimination in the front end. BT)

The BFO and associated CW tone control are functional, but they are virtually useless for voice and music reception. Their drift is such that the CW tone must be readjusted about every 15 seconds or so.

On the whole, however, once the machine is warmed up, drift is not a major problem. The radio has a very slight drift, such that SWBC stations must be slightly retuned every five minutes, more or less. The only real problem that this presents is in dealing with the BFO.

Oddly enough, the sound quality is better when the speakers are hooked-up through the headphone jack, rather than through the rear chassis jacks.

Notes: The tube line-up (in parallel) includes a 5U4 Rectifier; 6C4/6BE6 Osc/Mixer set-up; 6BA6 RF and three IF amps; 6AL5 Det/AVC/ANL; 12AU7 1st AF/BFO; and a 6V6 beam power output. An OG3 regulator tube is also used. The HQ-140-X was designed for a 400 ohm antenna load to inductively couple into the RF amplifier. The bandspeed dial is calibrated for the 80/40/20/15/10 amateur bands. The century logging scale can be utilized for SWBC. The sensitivity of this rig is roughly 5 to 10 uv. I don't have an exact date for the production runs; but the vintage is approximately 1953-55. BT

* * * * *

RESTORATION TIPS

AC POWERED RADIOS

Whereas the older battery operated radios are much simpler in design and operation, one needs more technical background or guidelines in the restoration and preservation of the early AC sets. In most instances, however, a simple VOM is the only piece of apparatus that will be necessary. Signal generators will help locate specific stage problems (RF, IF, AF, etc.) and oscilloscopes and counters help with precise alignment.

The first rule to observe in working on the AC rigs is this: BE SURE TO THOROUGHLY CLEAN AND CHECK OUT THE CHASSIS BEFORE YOU THROW THE SWITCH. Faulty capacitors in the power supply can fry the set in a number of seconds. Bad resistors can do the same; as can mice-chewed wire shorts. Be safe, not sorry. Please resist the urge to plug it in and try it out. Your curiosity could cost you some valuable parts and time.

Cleaning can be extremely satisfying. Several decades of accumulated dust and grease can tend to look like black fur covering the entire chassis and all of the components. Wooden cabinets should be brushed off and then a small patch attempted with a damp cloth. This is to see if a shellac finish was used. Water will mar the shellac; so try this on the rear apron, or somewhere that will remain inconspicuous. The chassis should then be removed and cleaned.

Tubes may be cleaned with a mild soap solution, Windex, or just plain water. Beware: plastic dials may be damaged by water cleaning. Best results are obtained if they are brushed only. One number may be lightly tested to see if water will cause its removal. Under absolutely no conditions should you ever use any type of chemical solvent on these dials!! On the metal parts, I have had great success with Windex (ammonia), carbon-tet, and aerosol carb cleaner. Q-tips are good for tight area scrubbing. Old tooth brushes do wonders on old cloth covered cord; light soapy water or Windex on the bristles will usually bring most of the color coding back up. Do not use silicone spray cleaner on the plates of the variable caps. The film will begin to accumulate dust. Use only a non-filming cleaner. Silicone cleaners should be used on all switches and potentiometers. Be careful to keep all solvent type cleaners out of the coils and transformers. You don't want to dissolve the wax impregnations, or humidity could create tuning problems later.

The paper capacitors must be replaced with Mylar caps. These are to be rated at 600 volts or higher. Some caps will require up to a 1600 vdc rating. Sprague or Mallory "Orange Drops" (TM Sprague) are excellent. The replacement of electrolytic caps is to be highly recommended. The parameter for replacement is 20-25% of the capacitance, and (of course) the same or higher voltage rating. Mica caps can be replaced with ceramic ones if this is necessary. Usually, though, the micas are not prone to failure in normal operation.

All wiring should be checked for poor insulation. Frayed cloth or cracked and crumbling plastic or rubber should be replaced. Check any rubber grommets in through holes of the chassis, also. Reproduction cloth covered wire may be acquired from several sources. Write to me if you need some.

The windings of all coils and transformers should be checked for continuity (no open windings) with a VOM. If you have an open, it should be replaced or rewound. Replacement is easier.

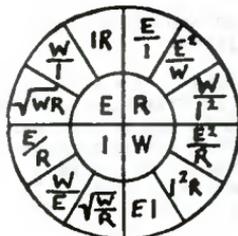
Test your tubes for quality and replace any of them that are questionable. Plug the rig into the wall. Throw the switch. And you should now be ready for your alignment.

One very important point. Remember to discharge all of the caps through a resistor before beginning work on the chassis. This especially applies to the electrolytics. Well, outta space again. 73's *Bill*

TECHNICAL TOPICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



My first words for May must be devoted to grateful thanks to all the many who wrote to welcome me back to FRENEX, and to those who jumped at the opportunity to correspond in regard to technical subjects. I really did not expect such a resounding response - at least this early. Please continue to submit your questions. All will be answered in a few days, but please don't forget to include a stamped envelope for reply.

Among the most popular subjects addressed in the mail was the definition of and differences between antenna tuners, preselectors, and preamplifiers. Also, how much they actually aided DXing receivers. Well, in one broad answer let me say that YES, all such devices do work. How well they work is entirely dependent upon how well-tuned your antenna system and receiver front-end stages may be. Let's discuss these devices one-at-a-time. Keep in mind that my explanations may not fit exactly with those you hear or read elsewhere.

**PALOMAR
P-308**



**TWO AMPLIFIED SYSTEMS
FEATURED IN WRTM '81**



**GILFER'S
MIZUHO
SX-59**

First, the antenna tuner. This is not a magical new item. It is passive, which is to say, it is not amplified and does nothing in itself to generate more signal voltage. It is comprised basically of an inductive coil or choke (L) and a variable capacitor or two (C). These L devices are installed between antenna and receiver, and improves reception by adjusting the impedance of the antenna lead-in such that the signal voltage is highest for the frequency tuned. For another meter band, the tuner must likely be readjusted. Bear in mind, that a device such as this works only if your existing system is not well-matched to your receiver. If it is, the tuner will gain you nothing, and perhaps even lose some signal by its own insertion loss.

Next, the pre-selector is an active device, meaning amplified. The incoming signal is first tuned in a similar manner as for the above tuner, but the result is further amplified before sending it on to the receiver. The similarity is not really that simple. The inductive coils in a preselector are likely to be of more advanced design, yielding a much higher and sharper "Q" definition than would a common open-air coil popular in tuners. This "Q" factor is a figure of merit describing how much signal voltage is passed in a very narrow slot on the band. In short, preselectors pass stronger signals but must be retuned, or "tracked" for even small changes up or down in frequency. For this reason, preselectors are quite effective for reducing interference from adjacent stations as compared to tuners.

Lastly, preamplifiers. These devices may be tuned or untuned. A tuned preamplifier is the same as an untuned preamplifier except that the former uses an antenna tuner ahead of it to aid in adjacent signal rejection. The untuned amplifier is broadbanded, providing gain to the entire spectrum of shortwave frequencies - signal as well as noise.

Modern solid-state receivers on today's market need no more preamplification. Indeed, some poorly-designed receivers (DX-302, for example) have an overload problem. The dynamic range of the DX-302 is perhaps the lousiest I have heard. This means the range in decibels between a receiver's minimum requirement to detect DX and its overload threshold.

GO TO NEXT PAGE, PLEASE

New From Radio Shack for electronics experimenters, a printed circuit template with all popular component cutouts for IC chips, transistors, capacitors and resistors. Draw your own schematics or printed circuit layouts. \$3.95 for part number 276-179.

Project Builders Help is on the way. In the works: an active antenna loop; a crystal calibrator; a variable power supply; and general tutoring in things you think up to do. If you would like to join others in such projects, write a postcard today and let me know what you have on your mind.

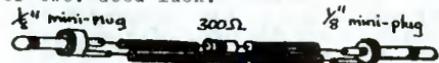
Yaesu-Musen to Discontinue their line of FRG-7 receivers, according to an internal Yaesu memo as of 27 March. 180 pieces were still in stock. Who knows if this will prompt a lower price closeout sale?

Dream Receiver Contest requires only that you submit to Tech-Topics Editor on an 8x11 sheet of typing paper your sketch of what the most desirable receiver should look like. You don't have to be an artist, but do use a ruler to achieve a straight edge. Put in all the features you'd like to have. I'll choose the winner and illustrate it in FRENEX. Prize will be your choice of small LCD desk clock or a box full of experimenter's parts. All entries kept.

Monitoring Times is the title of an endeavor published by Bob Grove of Grove Enterprises, Brasstown, NC 28902. Bob's paper resembles a 12-page tabloid devoted to monitoring of the entire RF spectrum, including SWL/DXing. Contains ads and reviews of various equipments and techniques. Wants \$7.00/yr. Lists a toll-free WATS number 1-800-438-8155. I suggest writing first.

DUBBING TAPES FROM ANOTHER TAPE TRICK

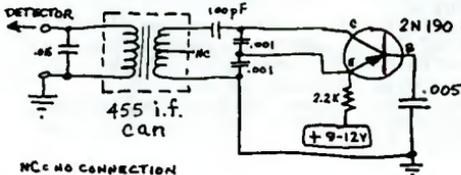
Takes two cassette machines and patch cord between the two. The trouble is, the earphone output on cassette players is usually about 8 Ohms. The input for microphone is usually 200-600 Ohms. Direct patching between the two often results in badly overloaded dub tapes. The answer lies in making your own patch cord, but adding a 300 Ohm resistor in series. Ordinary lampcord can be used for the wire, and Radio Shack sells 1/8 inch miniplugs in pkg of two. Good luck.



Cassette patch for dubs

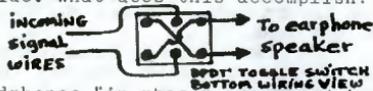
ADDING SSB ABILITY TO YOUR RECEIVER

Single side band? What is that? It's the trick that allows you to make heads or tails out of the quacking voices you hear on the amateur bands. What's more, many of the world's big broadcasters transmit SSB point-to-point for further rediffusion on AM shortwave. You can add this ability to the inexpensive set you have, or portable, or repair a broken set you have which once had this ability. There are only two minor points necessary....your radio must use a 455 KHz i.f. (which most do) and you have to be able to locate a point in your radio circuit to inject the signal you are going to generate. That point is at the detector if you have the schematic. It's simple. You need eight parts. The 9 to 12 volts needed to power the unit most likely can be provided by the receiver itself. Here's the schematic. Good luck. To use it, merely turn on the power to the unit and tune slowly over the quacking voice. The 455 KHz tone you generate will zero-beat (reduce to nothing), leaving both sidebands clear for you to hear (or the one unsuppressed that was transmitted).

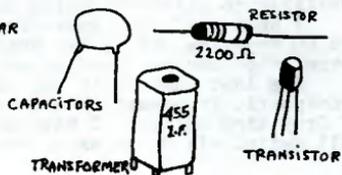


OUT-OF-PHASE HEADPHONES SOUNDS BETTER

Here's a neat no-cost project that is easily undone if you decide that you want to restore the headphones. Carefully examine your mono headphones to find the best way of getting inside one earpiece to reverse the two wires inside. What does this accomplish?



Headphones "in-phase" are wired to allow both diaphragms to vibrate in unison, that is both bend in or out at the same time. "Out-of-phase" means that the diaphragms are opposite, or one bends inward while the other bends outward. The resultant sound is a more resonant fullness of sound inside your head. Switching back and forth will show a dramatic and obvious difference.



"THE SHORTWAVE PROPAGATION HANDBOOK"
By Hugh O'Riordan

"The Shortwave Propagation Handbook" has six chapters. Each chapter builds on the next and lays the foundation for the method of prediction proposed by the authors. The first chapter is entitled "Principles of Ionospheric Propagation". This chapter includes an historical discussion of the early discoveries by Marconi and Briet and Tuve which is fascinating. The chapter includes in clear language a description of the D, E, F1, and F2 layers. This analysis describes the basics of radio propagation and sets the framework for what follows in the book. The chapter concludes with a discussion of the different types of ionospheric disturbances and explains a lot of weird noises and signal changes you hear while DX'ing.

Chapter 1 is entitled "Sunspots and the Sunspot Cycle". There is a lot of information here about sunspots, some of it quite surprising. For example, the first sunspot was observed in 1611 by the Jesuit Friar Joseph Scheiner. A table contains the monthly smoothed Zurich sunspot numbers from July 1749 to the present. This table and the historic background to the collection of the data was very interesting and gives a sense of history to those announcements heard on WWV at 18 minutes after the hour.

In addition to the historical information, the chapter analyzes sunspot cycle 19 and 20 in some detail and uses the information to explain the basic relationship between sunspots and the ionosphere. Chapter 2 is really the groundwork for Chapter 3 and is entitled "Sunspot Cycle Prediction". This chapter analyzes the various theories of sunspot prediction and shows how many of them have not worked. Some of the theories are technical and will probably be of interest to those who enjoy statistics and playing with numbers.

The most important part of this chapter is the tables showing the phases and ranges of solar activity. These phases of solar activity are the key to understanding the propagation charts that appear in Chapter 4 of the book.

Chapter 4 brings it all together and presents the reader with the master DX propagation charts. These charts allow for predictions of radio conditions based of five variables namely, Solar Phase, season, frequency, time, and propagation index. There is a lot of information in this chapter including time conversion charts and a band by band summary for each of the solar phases. This information is detailed and of practical DX'ing value. The information presented in each monthly issue of CQ in the propagation column by the same authors is an update on this material. This chapter really gives the big picture of the DX'ing year during the different solar phases throughout the solar cycle.

Chapter 5 "Ionospheric Forecasts" is really the meat of the book. It describes two methods to use in determining day to day propagation conditions. The second method analyzed is the focus of the book. It relies on the master propagation charts and WWV. It is also the basis for CQ's monthly column.

This chapter explains the relationship between solar flux and the degree of ionization in the earth's atmosphere. Additionally, the chapter shows the relationship between the A or K index and the activity of the earth's magnetic field. The solar flux and A index numbers are available daily from WWV. The relationship between these values can be summarized as follows. The higher the value of solar flux and the lower the level of geomagnetic activity, the better will be ionospheric conditions. The relationship between these numbers will give a short term forecast of frequency propagation conditions. Once these short term forecasts are known, the book then "marries" these forecasts to the long-term master propagation charts. By putting together these approaches, the DX'er and SWL'er is able to determine with reasonable accuracy when openings are available to different parts of the world.

I have used this approach for the last year in conjunction with WWV and CQ magazine and it has been successful. I have noticed a definite correlation between good DX and the criteria advocated in the book.

The last chapter in the book deals with "Unusual HF and VHF Ionospheric Propagation" and has, among other items, an excellent subpart of Grey line DX'ing. I have not systematically tried this technique but will definitely do so as a result of this book.

There are some things I did not like about the book. First, the tables and charts were often not near the text, thereby causing a lot of flipping of pages in the book to relate the text with the tables. I found this constant shuffling to be really annoying. The type setting of the book is irregular and uneven. My book is a first edition and presumably this has been corrected in the second edition.

In sum, I really liked the book and recommend it to the SWL'er and DX'er who is trying to get more systematic in hearing and verifying the hard-to-get countries. The book is packed with information of relevance to our hobby. The book also provides an important background to a fascinating approach to DX'ing.

Using Stereo Recording in your DXing Hobby by Arnie DeFeyter

I find that more & more DX'ers are making use of their tape recorders in their DX'ing hobby. They are either using the tapes for their own records or are sending the actual tapes to stations for reception reports. I use my tape recorder for typing up the report I am going to send to the station I want to verify. I found early in my DX'ing hobby that at times it was extremely difficult to take notes and also keep track of the time. I usually found that I either missed something in the program content or forgot to write the time down for an ID etc. So I began to record the station program I wanted to report to. This still created difficulties with the time. I thought there must be an easier way. I found it. With my method of recording there is no need to take notes on program content nor do you have to bother with the time. You can just lean back and enjoy the program. Of course you must note the date, time, & station details in your log book. You need a stereo receiver or amplifier with a set of auxiliary jacks, two short-wave receivers--both with recording jacks, and a stereo tape recorder. I use a Pioneer SX-980 stereo receiver, a Pioneer RT-707 stereo recorder, & a FRG-7000 & SX-190 short-wave receivers. Connect one short-wave receiver to the left channel of the AUX jack of your stereo receiver or amplifier, and the other short-wave receiver to the right channel of the AUX jack. Keep the leads as short as possible. I have my stereo system rack mounted by my desk. One of the short-wave receivers is then tuned to the station frequency and the other is tuned to one of the several frequencies used by WWV or WWVH. Thus when you have completed your recording, you will have the station you want to report to recorded on one channel & very accurate time in GMT on the other channel. It is then very easy, at your leisure, to listen to the tape taking notes on program content from one channel & noting the time on the other channel. This method can also be used to record two station programs that happen to be on at the same time. You say you can't use the AUX jacks on your stereo receiver or amplifier because you already are using them for something else. There are several units available that you can use to enable you to use several pieces of equipment, using only the two AUX jacks. The one I am using is called a Powercom Control Center. This unit measures about 13 1/2" long by 4 3/4" high, and is only about 1 1/2" deep. This unit when connected to your AUX jacks provides four separate stereo inputs, two mono inputs. Each input is switch selectable for each channel. It also has a mono-stereo switch and a Lo-Hi level switch for use with tape recorders with the automatic level control. When I purchased the unit a few years ago it sold at \$19.95, shipping prepaid. I would write before ordering for their current price & availability. The address is: Powercom Corp., P.O. Box 454, Troy, NY 12181, or call 518-273-3011 for ordering information. There are several units available that accomplishes the same thing as the Powercom unit. Some are more expensive, some are cheaper. I purchased the Powercom unit as it was much more flexible for my needs. The unit has two output connections for your AUX jacks and it also two input connections for other uses. I hope that other DX'ers can make use of the information provided. Any questions or comments can be made to the following: Arnie DeFeyter, 833 Banghart St., Lansing, MI 48906.

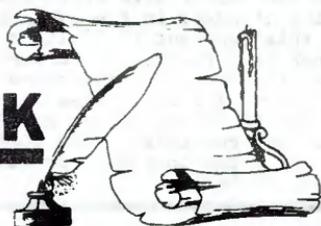
Sources by Neal Perdue

A high quality dipole center--connector with 3 eye bolts (one for hanging it and one for each wire of the dipole or inverted-V) is available for around \$5.95 PPD from Van Gorden Engineering, Box 21305, South Euclid, Ohio 44121. An 30-239 connector is provided on the bottom for connection to a PL-259. It is described in their ad in QST as "small, rugged, lightweight, weatherproof". For all you pirate hobbyists, it handles full legal power. Don't know about full illegal power tho...

For homebrewers, RADIO KIT, box 411-Q, Greenville, NH 03048 offers a catalog for 25 cents which includes B & W coils, switches and antennas, various boxes and enclosures, Jackson dials and drives, J.W. Miller parts, Miller components and much more.

Listeners NOTEBOOK

GLENN HAUSER
Box 6287
Knoxville, TN 37914



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

AFGHANISTAN R Afgh, probably USSR relay, on new 15530 w/AR pgm *1700-1730*, hrd since 14/3, strong (Ernie Behr, Ont., 15/3) R Afgh ES pgms 1730-1930 now hrd on 15077 11755 9665, last E two believed via USSR xmters; incl EG 1900-1930; 1530-1600 EG still hrd on 6230 and irregularly on 9550 (WBI 18/3) MB2 USSR relays of DS: 0125-0430 9500, 0125-0400 11730, after those hours switching to 21460 and 17720 (Victor Goonetilleke, Sri Lanka, RNMN 25/3)

ALBANIA R Tirana and that at 2300 17/4 clocks'd be advanced one hour to GMT+2; no effect T on ES xmsns, but DS pgms will be heard one hour earlier (WBI 15/4)

ALGERIA R Algiers EG 2000-2030 quite good level on 15370, listed // 9510 (Bob Padula, Vic., E RA DX 4/4) Again active 0000-0200 and beyond. 17808 //21725 20/3 & 21/3 in AR; also hrd 28/3 7180 //7243 an Arab 0100-0200+, presumed Algeria (Victor Goonetilleke, UADX) Two new fqs, 17775 and 21635 1445-2000 FR, EG 2000-2030 (DX-Fokus via Eter-Aktuell, March) 21635 hardly new (gh) RTVA on 17885 //15370 1805, lost before 2000 EG, 18/2 (Kornek, FRG, SFEEDX)

ANTARCTICA The LRA36 not hrd since 31/12, a jammer appeared on 15475 at 0000-0230a 1/4 GMT, J also 2/4 & 3/4, during the Falklands invasion; was not a ute & not hrd since (Ernie Behr, Q Ont) In early March a QSL was rxd here from LRA36. I note others report returned reports. I used this addr which I got from Krueger: LRA-36, Radio Nacional Arcangel San Gabriel, Base de Ejercito, Esperanza (Antartida Argentina), Apartado 9411, 1000-C Centro, Argentina. The return addr on env back was simply LRA36 - Base Esperanza, 9411 Antartida Argentina. With winter not too far away plus the Falklands-Malvinas mess, perhaps the whole matter has become academic until next Dec anyway (John Santosuosso, Lakeland FL) Am seeing more reports of this QSLing after lengthy delays, in overseas bulletins (gh)

ARGENTINA, IMPERIALIST REPUBLIC OF Redif Argentina's /sic/ ES, not normally bc on Suns local, E hrd 11/4 2130-2200 GM, 2200-2230 EG on 11710 (WBI 15/4) New Coordinador General of RAE: the journalist and announcer Julio Lagos (Oswaldo D Fuente, Argentina & Julia Zapata, BBC, via Latinoamerica-DX Apr) R Splendid uses 1 kW Standard xmtr on 1880, 9740, 5985; antennas are bi-directional toward northern Arg & Eu; located in Lomas del Mirador, Bs.As. province (Ricardo DiBenedetto, LA-DX) The meaning of the word "Malargüe", as in the station on 6160 in the city of the same name--its from Araucan "place where there are corals" (Show Fantastico, ATC-TV, via Emilio Pedro Povrzenic, LA-DX) R Rivadavia, 12/3 1031 on 5952 //5882 (Povrzenic, LA-DX) R Rivadavia, finally re-located the AM 9114 feed 2310 28/3; this along w/10680 & 8896 (latter not hrd in ages) are possibly Suns only //slightly less deviant 5882 w/sports (Terry L Krueger, FL) R Provincia de Santa Cruz, LW-14, hrd on SSB 15890, presumed relay to Buenos Aires rather than to Malvinas (RNMN 22/4)

AUSTRALIA R Australia notified that early in April, EG resumed 0100-0200 on 21740, and FR E moved to 15160, //17795 (George J Poppin, CA) Next 12 months will be difficult period for RA. P Some xmsns have been deleted as from March because one of the four 1942-vintage xmters at Shepparton had to be withdrawn from service as we are unable to obtain replacement output tubes; looks like other 3 will gradually have to be withdrawn too, causing further service reductions. Good news is that Darwin site expected to become operational early 1984; Au govt has approved purchase of addl 250 kW xmtr for Carnarvon; and four 100 kW for Shepparton and Townsville installation (David Dodds, Telecom Australia, via George Poppin) RA reported 2/4 that industrial trouble recently disrupting RA bcs could also affect ABC DS. One RA xmtr, at Shepparton was off the air for lengthy periods 1/4. Technicians employed by Telecom have imposed work bans at Shepparton in protest against govt financial cuts, which had prevented Telecom employing extra staff. RA reported 3/4 that the indl dispute had blacked out bcs to several As & Pac countries & affected xmtr maintenance at Shep (WBI 8/4) RA will be moving 3 xmters from Shep to Townsville, but not done yet despite suggestion that one xmtr had been relocated to Brisbane (Peter Bunn, ADXN Apr) A way to QSL R Australia: Whenever there is

Q an ARDXC report on 'Spectrum', we'll be able to issue an ARDXC QSL; but this will not be announced on the air (Mar ADXN) Spectrum now features regular DX segment, produced by myself & Peter Bunn. Taped illustrations of stns are included; reports for QSL should be sent to ARDXC, Box 227, Box Hill, Vic, 3128 with an IRC. Xmt'r sites will be indicated. Reports will be passed on to Dick Speckman who will verify valid reports with Spectrum QSL (Bob Padula) Southern Cross DX Club has convinced RA to QSL reports in general again, as from 19/4 so as not to show favoritism to one particular club; but the reports must be of some technical value and concern only one frequency at a time. Multiple-frequency reports for QSL in one letter will be rejected. QSL-collectors are urged not to abuse this new policy (Rob Williams, SCDXC) Trying to QSL every conceivable fq is of course a practice advocated by ARDXC, hi (gh) Radio CBN, the pirate, and upcoming sked; daytime xmsns deleted due to poor prop w/in Au, replaced by AM & PM pgms on alternate 3-weeks, viz.: 10/4 1130-1200 on 7400, special Easter bc; 25/4 1000-1030 spcl relay on 7400 of WGer pirate R Telstar. QSLs available, report via P O Box 4948, Arcata CA 95521; 2 IRCs rp. Regular CBN bcs: 18/4 at 1000-1030 on 7400; 15/5 2100-2130 7435, 13/6 1000-1030 7500, 3/7 2100-2120/sic/ on 7435.

X Each of the regular bcs features DX tips compiled and presented by Gerry Richards. Power is said to be 80 watts; reports rxd from NZ & Eu but none so far from Nam. Eu reception at 1000 & 2100 excellent, audio & xmsn quality first-class (Bob Padula, Vic) Regular bcs commenced from 3RPH (Radio for the Print Handicapped) 2/82 on 1705 kHz; sked 1030-1230 Tue & Thu, incl editorials from mags and newspapers; plans to air book serializations; volunteers sought incl drivers & dishwashers. Phone 51 9025 in Melbourne (Mick Ogrizek, ADXN) DST in T NSW extended to 3/4 whilst Tas, Vic and SA went off 6/3 (NZDXT)

AUSTRIA Some J82 changes to ORF in EG: 1230 to Nam on 17880 ex-21525; 0430 to Nam on 12015 E ex-9770; Austrian SW Panorama on these two xmsns Sun+GMT Mon usually; also at 1806 Sun on X 17740 ex-21730 (ASWP 11/4 & via John Mainland, NZ) ORF testing its new curtain antenna but still w/100 kW, from 21/3 to SEAs/Au on 17745 0400-0600, 21610 0900-1100, 21620 1200-1300. Reception reports from the target area are highly appreciated (Wolfgang Wüschel, GFR)

BANGLADESH The 0445-0515 EG bc of R Bang has been discontinued; Urdu at 1400-1500 now on E 15512 & 11943 (G Victor A Goonetilleke, Sri Lanka, RNMM 22/4)

BELGIUM BRT J82, weekdays: Af 0430-0715 17600, 0430-0615 15570, 0616-0715 21810. Eu 0800-0900 6010 11695 M-F. Af 1100-1230 17600 21810. 1235-1300 Af 21810, FE 21815. 1330-1445 E M-F FE 21810, Nam 21525 (EG 1400-1445). 1700-1750 Af 21810, Eu 11695. 1800-1930 Af 17595, Eu 9790 (EG 1815-1900). 1930-2145 Af 17595, 1945-2145 Eu 6010 (EG 2100-2145); also on MW 1512 kHz 1700-2145. 2300-0115 Nam 11695, SAM 15360 (EG 0030-0115). Sunday: Af 0430-0800 17600, 0430-0615 15570, 0616-0800 21810. Af 0800-1230 17600 21810. 1235-1300 Af 21810, FE 21815. 1300-1750 Af 21810, 1315-1750 Eu 11695. 1800-1930 Af 17595, Eu 9790 (EG 1815-1900). 1945-2145 Af 17595, Eu 6010. 2300-0115 Nam 11695, SAM 15360 (EG 0030-0115); also on 1512 MW 1700-2145 (BRT) David Monson is now back on BRT but only temporarily & is obliged to L confine his efforts to producing certain features (gh) FR DX pgm DX-ORU on Suns 1130 on X 21460 5965, Fri 1800 on 17895 15210 (Peter Bunn, RA DX 28/3)

BELIZE R Noticias del Continente sked SP 1430-2230 & 2300-1100 on 9460 or 9615 w/50 kW from Belize, per a Uruguayan listener; it is known that stn has asked for permission but no reports of it being granted (SCDX 23/3 via DX Ontario) I do know for a fact that the 50 kW xmt'r is no longer in Costa Rica (Steve Webster, DXO Ed.) They'd be fools to resume 9615 (gh)

BHUTAN 4600-4610 range is very noisy with many RTTY, SSB utes, and a regular Indonesian on P 4608; I am requesting NYAB to use 4660-4670 area instead! (Victor Goonetilleke, Sri Lanka, UAD Feb-Mar) In case anyone misunderstood my remark last month, let me make it clear that I am not in the habit of violating confidences; the Bhutan pgm info was not a personal communication but had been published by UADX (gh)

BOLIVIA R Fides obs being again on 6155, 4845; nx in SP 0200, 1130, 1630, 2330 (WBI 1/4) R Norte de Montero, 15/3 & 20/3 2233-2258, P-G on 4934.5 (Dario Monferini & Andrea Lawendel, Italy, Play-DX) Now seems stabilized on 4935 (ex 4938), rare religious pgm carried Mons L 0050 UTC, "La Hora Chiquitana", in the chiquitano lang; the chiq. region is in the eastern part, Sta Cruz dept; dedicated to inhabitants of this region; this exotic lang seems a mixture of Quechua & Guarani. R Fides back on after 20 months silence; La Paz stn hrd since 25/2, best on 4845 around 0000; 6155 difficult due strong het; I visited this stn 5 months before it was bombed in 1980; was in first floor of a catholic school (Emilio Pedro Povrzenic, Argentina, 25/3) Meaning of the word Pirai, as in R. Pirai, 9605 (inactive): from the Guarani: carnivorous fish of the tropics; piranha; also means wandit (LA-DX)

BRAZIL R Educadora da Bahia, Salvador on new 6025, *0800v-0850, P in March, 0830 17/3 ID (Nobuyoshi Aoi, Japan, Radio Nuevo Mundo) hmm, in USDXA Signal, Maxfield Greenwood reports Cape Verde (which station?) w/shockingly good sigs 0800-0845 on 6025, SIO 444 16/3 w/Braz mx pgm; many IDs hrd several times. Aoi quoted part of the ID for Bahia, so that looks quite certain (gh) R Inconfidencia which reactivated 15192 w/G reception in SAs, is again inactive from about 20/3 (Goonetilleke, UADX) unID Brazilian hrd on 4812.2, 23/2, 1/3, 2/3 at 2315-0710, in the Bahia area, new stn? (UKDXA via Play-DX 29/3) R MEC finally hrd on new-9770, 0230 23/2, cl mx (E P Povrzenic, LA-DX) Note on QSL from R Nacional ES tnx me Q for stamps and sends some of theirs; says tapes are welcome but can't be returned (Robert F Reinecker, PA, May RIB)

BURMA keeps changing s/off time every two months on 4725; since 1/3 back to 1545*. All other timings in WRTH OK but 7180 has always been on 7185 0030-0230; 21/3 (Goonetilleke, UADX) Noted 1445* Sat/Sun (Sarath Weerakoon, UADX) Referring to 4725 again? (gh)

CAMEROON R Cameroon-Bertoua on 4750 morns & eves, 7165 afsts; xmt'rs being repaired and stn will probably be back on air end Jan; EG & FR; addr P O Box Bertou /sic/ Eastern Province, Cameroon (Guido Spildooren, Belgium, SCDX 1/2)

CANADA CFRX is once again alive and kicking! 24/3 CE Bruce Dingwall spent the whole day perking it up; went off air 1857k came back 2100 w/much stronger sigs and mod. New tubes in

the final have been installed, resulting in output close to 1 kW, and mod as close to 100% as it ever will be; nice 20 over 9 at my QTH--even audible at night despite QRM. Ant is quarter-wave vertical array, consisting of two quarter-wave aluminum masts; one loaded, the other director, beaming NE (Steve Webster, DX Ontario Apr) CFRX relays CFRB but has anmts for the SW relay at 24 past the hour (Arthur Cushen, NZDXT) I've noticed it just cuts on interrupting the CFRB programming in progress but I haven't noticed whether this always and/or only happens at :24 past the hour. Is it on an automatic timer, Steve? (gh) Many RCI fqs were missing on early GMT 12/4, incl 9755 at 0100, 6195 (but not 9625) at 0330, and the BBC relay on 6120 at 0300 (anyone hear any EG on Zinica?). RCI Nam svc will observe DST--no 0400 xmsn; SWL Digest on at 0100 & 0300 [GMT Mon]; 6120 usually changes for DST [2200-0330 instead of 2300-0430] (Joel Rubin, CA) Silent fqs caused by a fire at Sackville; fortunately, not too serious and quickly extinguished. First time RCI has dropped the 0400 E for summer (gh) RCI J82 EG: 0000-0030 & 0100-0130 9755 5960. 0200-0230 9755 5960; Sat & Sun [GMT Sun & Mon] also on 15190 11845 9535. 0300-0330 11940 11845 9755 9535 5960. 0615-0630 & 0645-0700 M-F Eu & Af same as before; ME 15235 ex-15265. 1200-1220 M-F 9650 ex-9575 plus 11955 15440 17820. 1300-1600 Sun 9575 + 11955 17820. 1537-1545 drop 21695, change Sines 15315 to 15160; 1645-1700 drop 21695; //17820 15325. 1800-1830(S/S -1900) & 1900-1930 M-F Af 17820 15260. 1900-1930(S/S -2000) Eu 21695 17875 15325; D-9555, D-7130 ex-5995. 2000-2030 M-F 21695 17875 17820 15325; D 9555 ex-5995; 7295-D. 2130-2200 Af/Eu 17820 15150 11945; and S/S only also on 17875 15325. 2200-2259 M-F Eu 17875 15325, D-6170 [last summer this was an hour earlier; will this carry the first or second hour of World @ Six & As It Happens?]. 2200-2400 Nam M-F 9755 5960; Sat 2200-2230, Sun 2200-2259 on same. (Ian McFarland) As of 25/4, CBC/QSWs sked changed to: 1058-1259 $\frac{1}{2}$ 9625 6065; 1300-2229 $\frac{1}{2}$ 11720 9625, 2230-0509 9625 6195; all 50 kW and 348 $\frac{1}{2}$; and presumably will continue with same in J82 (gh)

CHAD AFP reported from Ndjamena 2/4 that a loan agreement worth 150 million CFA francs for the renovation of RNT was signed 31/3 by the French ambassador and the Chadian minister of foreign affairs; to be used to procure being eqp and improve listening quality of RNT by re-constructing xmtrs. AFP reported that RNT suffered serious damage during the fighting in Ndjamena a year ago, but it had been repaired recently by French technicians (WBI 8/4)

CHINA I suspect that the 17855 R Peking xmtr is the same as that used on 15520 last fq-season; same hum & crackles & overmod, somewhat worsened, as before. 17680 is likely not the one formerly on 15120 which often had delightful audio; 17680 muffled even when strong. 15120 now is a poor third choice. All this refers to WNAmsvc [0300-0500]. Anyhoo, when 17855 particularly overmod 17/3 0300, hrd CPBS timepips weakly just prior to EG s/on; guess there are many xmtrs at once at that 17855 site, and either landline or rf crossmod put the pips there then. I've been trying to log listed feeder 10865 for years. Has RP ever used a fq higher than 16m? cf Apr LN, yes, I meant that the xmsn began on the half hour, w/EIR at 0828 (David Newkirk, Seattle WA)

COLOMBIA R Bucaramanga, EG ID 0343 & 0345, "Radio HJGF, first and most important stn in E Colombia with 10,000 watts of power", along w/SP ID, 333, 13/2 (Bob Kivell, Hobbs NM, ASWLC) R Bucaramanga, 4845, reactivated due to elections, beginning with soccer, and even had a FR ID!, 13/3 0145-0405*, gone 14/3; G-VG (G Garindo & Dario Monferini, Italy, Play-DX) LV de Yopal, 5050, 13, 14 & 20/3, 0135-0159*, closing taped ID w/MW & SW callsigns, Col NA, damned RTTY on 5050.5 (Giuseppe Zella, Dario Monferini & R Cotroneo, Play-DX) LV H del Centro, El Espinal, 18285, 11/4 2300, 3 x 6095; it's been years since this was hrd last; and LV del Llano, 18345, 11/4 2255-2340, 3 x 6115, better than Centro, F-G (R Cotroneo, A Lawendel, D Monferini, Play-DX) LV de los Centauros, 23820, 4 x 5955, hrd 30/3 0010, strong w/IDs, ads, musical IDs; 49m was not open; about twice as strong as Paraguay-23830 (Charles George, Dallas TX) R Colosal in QSL to Vesa Komulainen, Finland, says has changed name to 'Caracol Neiva' (Finn Krone, AWR DX 11/4) 4945 of course (gh) Rdif. Nacional on new 5980, *1000, F but quickly deteriorates due to QRM (Matthew Francis, Tasmania, RA Japanese DX 4/4) R Nacional, G sig, 344, 17/4 on 12280 LSB, suppose it's a feeder (Kirk Baxter, WB0AXX, Mission KS) Evenings on 12268 (Mitch Sams, AR, 3/4) LV de Huila, hrd on 6250v, 30/3 0500, SP, strong but distorted, seemed to drift & fade a lot w/occl good audio. 6150 covered in a mess and not hrd; 6250 hrd on more than one rx, and by Bob Underdown too so surely not FRG-7 slop (Mitch Sams, AR) Elections in Colombia sked for 30/5 (presidential) (USN&WR via IRC4)

COOK ISLANDS In connection with the DX-Cursion, R Cook Islands will have a spl DX xmsn on 28/4 0400-0900 on 11760 and 3265, followed by 15 min of test tones on MW 630 & 864 kHz. 50 Q commemorative QSLs are waiting for the first 50 correct reports received by CIBC (Rob Williams, SCDXC)

COSTA RICA R Nacional on 6035.5, and R Rumbo on 6075.5, both strong 17/3 from *1000 (not *1100 as per RNMN) (Ernie Behr, Ont)

CUBA The Cuba section in WRTH 1982 had to be put in unchanged from the 1981, since the type-setter threw away the new manuscripts (Torre Ekblom, DSWCI SWN)

CHILE R Nac and 13/3 that from local midnight next day all clocks'd be put back one hour T for winter time, until 2nd Sat in Oct; now GMT -4 (WBI 18/3) R Diego Portales reactivated on SW, 9570; best here morns. R Nacional, Stgo, has interesting pop mx pgm of the 60s, L 'Generacion Sesenta', daily at 1700 on 15150 & 9550; by the way 'Emisora Metropolitana' is stn slogan, not its name (Emilio Pedro Povrzenic, Villa Diego, Argentina, 25/3) CD121, R Vina del Mar, per IDs is 24h and may have increased power on 1210 kHz to 10 kW; its 7th har-H monic has been hrd on 8484 (Jose A Bonacci, Rosario, IA-DX Apr) Um, that'd be 8470, wouldn't it? (gh)

DOMINICAN REPUBLIC I have visited several stns, and found out the following: R Clarin--still P planning to reactivate 4850; Rudy Espinal is a govt PR man now. R Mil occupied w/FM addition but hopes to resume 4930 this year. R Norte wants to return to 4800 by June; RTVD is expanding MW so not on SW; no immediate plans to resume 5970, 6090, 9505 (Chuck Mitchell, Carmel IN, MAY REVIEW OF INTERNATIONAL BROADCASTING)

ECUADOR R Panamericana, 3290, Ecuadorian hrd since 18/2 nearly daily *1015v- but still no

definite location anecd; usually weak, and fighting horrendous het; vy few ads noted, tho usually adstrng en eco 1100a (Ralph W Perry, NJ, Radio Nuevo Mundo, Japan, 28/3) R Panamericana, 3290, has poor audio; it's the former R Rio Amazonas, Lago Agrio; to save costs the owner has moved it to Quero so it can //its MW sister stn. New stn on 3285 is LV del Rio Tarqui, Cuenca (Roger Stubbe, HCJB DXPL 22/3) R Panamericana 3290 20/3 1025, NA, pgm of local mx, frequent IDs, TCs, still ments Lago Agrio, P w/ute QRM, under which it soon faded. No sign of it on several rechecks since (Bob Streeter, Schenectady NY, 25/3) R Luz y Vida, 4851, on late w/local mx pgm, infqt anmts by woman, full ID by man at 0658* w/out NA, 19/3; also hrd on late several successive nites tho s/off time varied (Bob Streeter, NY) HCJB Summer 1982 sked, presumably referring to J82 as from 2/5 tho summer doesn't start until 3rd week of June in Nhem and never starts on the equator, shows few changes in EG except that the 2330-2400 xmsn to SAam on 15175 & well-hrd in Nam, has been dropped, replaced by more PT; Eu svc earlied an hour to 0600-0730 on 15225 11810 (gh) S Pacific DX Report, X hosted by Peter Bunn of ARDXC is on HCJB every 4th Mon 0930-1000 [et al] on 6130 9745 11925 Q --spl ARDXC QSLs available, IRC for rcj, to ARDXC, Box 227, Box Hill, Vic. 3128 (Bob Padula)

EL SALVADOR For the record, and for what it's worth, all I've hrd on 2400 since late last H year is R Tiempo, 2 x 1200, sometimes very strong; but others are certainly possible (Scott McClellan, Battle Creek MI, 29/3)

EQUATORIAL GUINEA Copied R Bata for 45 mins w/out hearing a word spoken--just continuous mx --5003 1/4 0245-0330, presumed due to other FRENDX reports; hope they QSL (Chuck Oliver TX)

ETHIOPIA VORE DS on 7110 & 5990: 0330-0600 (Sun 0400-0800), 0900-1030 (Sat 1000-1300, Sun at 1000-1400), 1500-2000. VORE ES on 9560 7165: 1200-1300 Somali, 1300-1400 Afar, 1400-1500

E Arabic, 1500-1600 EC, 1600-1700 Amharic, 1700-1800 FR. Then to 9595 for R Kulmis in Somali, 1800-1900; V of Namibia 1900-1930; R Freedom 1930-2000 (WBI 8/4)

FAKLAND ISLANDS An Arg nx agency (Telam) report 2/4 carried text of communique issued by mily junta which stated i.a. that as of 1020 local 2/4, the former Port Stanley radio was being as LRA R Nacional, Islas Malvinas; began pgm w/NA of Argentina. A R Nac Bs As report stated 3/4 that early the following day the offl Arg radio bc svc would be sending out an office to 'Puerto Rivero, the capital of the province of the Malvinas Islands' to take charge of the bcs from its brand new stn, which would be called LRA60 R Nacional, Islas Malvinas. Telam reported 5/4 that as of that day it bore the above name; was being operated by personnel who had arrived 4/4 from mainland Arg. RAE EG svc reported 6/4 that the stn was on at 1300-1500 & 2230-0300 on 536 and 2385; exclusively in EG contrary to reports in GB that SP was obligatory now. Ed note: Port Stanley was initially named Puerto Rivero by the Argentinians; then temporarily renamed Puerto de la Isla Soledad. As of 8/4 it was called Puerto de las Islas Malvinas (WBI 8/4) On 2/4 & 3/4, CBC news reported that xmtrs here had been blown up; presumably this referred to the FIBS/C&W complex but a Reuter report in the 6/4 Globe & Mail indicated that a local bc stn was again operating; portable unit? (SWNS) 5/4 Globe & Mail reported the island's local radio stn had been being around the clock--might provide good opportunity for Nam reception (Mike Bolitho, Kingston Ont) LRA60 R Nac de Malvinas, still on 2370; also C&W PTP xmtr hrd around 1820 on 24147. Offl non-military stn using hamband on 7075 14150 21225 (RN Mundo sac Comunicaciones 8/4) 24147 hrd w/Arg mily bcs from Falklands, 2200 8/4, ments Malvinas (Mitch Sams, AR) An Arg citizen already applied to put a new radio & TV stn on the air in 90 days. Luis Saint-Germain in Arg reports LUJERM, offl govt channel w/personal news, not mily info, contacting Arg on 1 of 3 LSB: fqs --7075, 14150, 21225; LSB should stand out on 14 & 21 where hams use USB. Arg forces also experimenting w/C&W ute PTP stn, hrd Mon 1830+ on 24146 USB; and Wed 1745 w/offair relay of R Nac Islas Malvinas, feeding it to Bs As. (RNMM 8/4) Provisions being made for a LRA50 on 710 kHz too. Plans to set up two TV stns, LU78 ch 7, LU79 ch ?, 10 kW video. As of 12/4, LU78 ch 7 would be daily one-hour PAL colour pgm, the eqp having been set up in just 20 hours; '60 minutes' pgm would be bilingual; The stn was provided with cameras and studio eqp. RAE reported in EG 8/4 that the military governor had decided that LRA-60 would continue to bc its usual EG pgm so as not to interfere with the normal way of living of the islanders (WBI 15/4) MARPLA DX Club of Arg gives LRA60 addr as R Nac Islas Malvinas, Puerto Rivera, Gran Malvina 9409, Provincia de Islas Malvinas, Argentina (Marks, RNMM 22/4) WRTH collaborator in Bs As says the M.I. stn is on at 1300-1530; linking (relaying) R Nacional Comodoro Rivadavia at 1700-2000; own pgm 2000-0130. Tony Jones in Paraguay confirms, but says closes UTC Mon 0030*; still on 2370; f/in 2345; similar pgms as before in EG but SP ID; still using BBC transcription pgms, live relays of BBC sports but not nx; carries R Nac Bs As nx at 1515; s/off is bilingual, as obs 10/4-19/4. New stn director is Norman Powell, don't know who he is but has English name... (Andy Sennitt, RNMM 22/4) As the British fleet had almost arrived, BBC Radio Newsrel 1400 via NPR 23/4 reported hrd in Britain an Arg 'Tokyo Rose' type cland bc trying to demoralize the forces; fq not given of course (gh)

FERNANDO DA NORONHA Radio Bras is going to have a new xmtr for its intl svcs on this island (Rogildo Fontanelle Aragao, Bolivia, SCDX 26/2) R Nacional de Brasil will have new xmtrs on this island [intl svc not mentd] (Jose Nemirovsky, Rosario, Argentina, LA-DX Apr) How far is that from Nibi-Nibi? While they might be putting on a new xmtr for local inhabitants, if any, it doesn't make any sense for the ES on SW to transmit from here; no advantage over Brasilia (gh) Oh well, lose one "F" in the Atlantic, gain another, hi

FRANCE Per London Times article, RFI's new director, Herve Bourges, is planning a big expansion in the 1980s, doubling the number of xmtrs from 20 to 40 and raising daily pgming from 125 hours to 700, with emphasis on being to developing nations (Mike Cooper, USDXA Signal)

GABON ANO was on 15205 *0500 FR & mx 2/4; on 11940 4/4, back on 11755 7/4 (E Behr, Ont) ANO sked shows 250 kW used, not 500, on 11755 0500-2400 WAF, 3070; omni-dir log periodic, 10 dB gain on 4811 0500-0800 & 1700-2400; 7200 0800-1700. 500 kW for RFI relay on 7180 & 15435 at 1800-2130; 7180 for Chad & CAR; 15435 for WAF, ants not described. Addr in Moyabi given as B.P. 184; phone 67.73.52 (March WWDXC)

GALAPAGOS LV de G sked on 4810 1100-1700 (DXPL HCJB 13/4) Only? What about evenings? (gh)

GERMANY EAST RBI barely heard on 11970 at 0000, 0130 & 0230 instead of 11975. A year or so ago RBI used 11970; when they switched to 11975 it took a few months for them to admit the change (Kraig W Krist, Falls Church VA, 3/4)

GERMANY WEST Had never had much luck hearing one of the two English airings of DW DX program X but on the 3rd Sat of Mar, audible on 21620 at 1627 mixing with France (gh)

GHANA ES back on air after 3-year silence due to xmtr breakdown; late last year govt allotted 33.4 megahertz for project; most of staff have gone to FRCN & BBC (World Broadcast News via Barry Hartley, NZ, RIB) Like most of info in WBN, apparently not based on monitoring; I know of no reports of R Ghana ES resumed, on fqs like 15285, 21545 as before, tho 6130 was supposed to have continued without interruption (gh)

GREECE Athens has seen its first religious pirate stn, whose ops, a 48-yr-old tannery owner and a 76-yr-old pensioner were raided and arrested a few days ago; world's oldest pirate operator behind bars, Guinness-worthy? (Alex Koutamanis, Greece, SCDX 26/2)

GRENADA James C Clifford, GFR, got a QSL direct from RFG; sent a prepared QSL letter, mint Q stamps and SAE. Mark Warner got QSL via prepared card to Powerline pgm, Ft Worth (WDXC Con M tact) RFG officially opened new 50 kW Cuban gift xmtr 11/3, presumably the 990 kHz one. R Havana reported it was connected to a 117m high ant tower (WBI 18/3) Current RFG sked E taken off the air: 1945-2115 Eu, 2130-0030 Ams, both on 15045 (S Knelanger, SPEEDX Apr) Really, no longer on 15104 for first xmsn? (gh) 15045 irregular as usual

GUAM KTRW DX Listeners Log features up-to-minute DX notes from ARDXC, no more than 3 days X old at airtime! Passed on to KTRW via ARDXC ham Don Rhodes (Bob Padula, Vic.) No less time ly info is also provided to DXLL by rival SCDXC member Rob Williams (gh) Pgm is short on spontaneity and long on evangelism....

GUATEMALA Checked LV de Guat morn after coup, 24/3 9760 on briefly and off, so at 1200 had to listen to 6180; mostly marimba mx and messages about water; after 1300 repeated a stay-calm annt every few minutes (gh, St Petersburg FL) R Chortis, Escuelas Radiofonicas de Yocotan [sic, Jocotan, isn't it?], hrd 4/4 on 3380 0235-0300* saying pgms begin at 7pm; WRTH 82 is wrong on both s/on & s/off; P-G (Giuseppe Zella, Italy, Play-DX) Those having trouble Q getting reply from AWR-Guatemala may send reports to AWR, 6840 Eastern Ave NW, Washington DC 20012 (Jose Jacob, Poona, India, RA DX 28/3)

HAITI LV du People, FR mx pgm 9/2, no time given, on 2615, harmonic also noted on 4427 (R H Wikner, DKSFlorida, via SPEEDXGRAM) These don't match 1475+ fund; must be 2951 (gh)

HONDURAS R Luz y Vida, 3250, HRPC ("Proclaiming Christ") has homebrew xmtr running at half power 250 watts in order to improve modulation; went on SW 11/80, replaced dipole ant with 'bamboo curtain' 2/81 improving both close-in coverage and DX reception in USA, next plans to install 'square loop', sked 2200-0400; headed by Don Moore [not the PA DXer & NASWAN now in Hond too w/Peace Corps!], stn is associated w/R del Pacifico, Peru in TEAM. Mail addr'd to stn at its town, San Luis, takes longer than via Box 303, San Pedro Sula (RW Perry, RNM)

HONG KONG RTVHK hrd 6/4 1056-1115 on 3940; very weak; from 1055 to 1100 sounded like IDs every 30 secs; after 1100, M ancr w/EG accent mentioning millibars, etc.; clear ID 1108; product detector & USB necessary due to Hubei on low side which had timesig 1100 (Newkirk, Seattle WA) Now presumably silent on SW again for another two years until yacht race

ICELAND ISBS, 13797, 15/4 2005-2045; hope they verify; been trying 40 years (C Oliver TX)

INDIA For M82, AIR GOS at 2245-0115 on 17865 not only for NEAs but for WNAAs; reception reports sought (Alok Das Gupta, Calcutta, ADXN Apr) AIR GOS finally hrd on long-sought 17387, 1055 7/4, P-F, fluttery, RTTY smack on center, LSB marginally better (David Newkirk, WA) I am really disappointed w/Indian SW listings in WRTH 82. None of the timings appears to be correct--for instance, all the lower fqs listed to s/on at 2300 when stn officials still fast asleep. Most of them *0025, some *0100, and in northern India, *0125 (Sarith Weerakoon, Sri Lanka, UADX) AIR Shillong still being relayed by Gauhati on 3235 1230+ (UADX)

E AIR Home News Service on SW for relay thruout India, EG portion only here; full sked very extensive in many langs. 0030-0032½ 6045 3925. 0240-0250 15140 15125 11895 11830 9745 9615 9545 7290 7225 6045. 0730-0735 17705 15285 15250 11935 11850 11735 9705 9615 9560 and 7140. 0830-0840 17705 15285 15250 11850 11735 9705 9615 9560 7140. 0850-0915 [slow speed] 17705 15285 15250 11850 11735 9705 9615 9560 7140. 1135-1140 15320 15250 11850 11810 9675 7140 6120. 1230-1235 15205 11895 11850 11620 9610 7280 6120 3905. 1430-1435(sports) 10335 9950 9575 7412 7280 7195 6145 4860 3925 3255. 1530-1545 10335 9950 9705 9575 7412 7280 7195 6145 4860 3925 3255. 1730-1735 9950 7412 7195 4860 3925 3255. SW fq usage of AIR zonal and regional svcs--usually only one at a time depending on time of day, season of year: Northern zone: Bhopal 9690 7180 3315. Delhi 9630 7110 3365. Lucknow 7250 6170 3205. Simla 6020 and 3223. Eastern zone: Calcutta 9530 7210 4820. Gauhati-A 7280 4940 3375. Gauhati-B 9650 7150 4775 3235. Kohima 7170 4850 3268. Kurseong 7230 4895 3355. Ranchi 7125 4960 3305. Southern zone: Hyderabad 9720 7140 4800. Madras 9575 7160 4920. Western Zone: Bombay 9550 7240 4840. R Kashmir: Jammu 7160 5960 3345. Srinagar-B 6110 3277. Vividh Bharati (commercial service): 11830 0830-1015 & 1030-1200. 9750 0630(Sun 0600)-0700 & 0830-1100. 9615 1300-1445. 9525 0125-0400. 7265 0130-0300. 7235 1245-1730. Armed Forces Pgm in Hindi & Gurmukhi 1235-1315 on 4860. Pgm for Arunachal [whatever that is] 1115-1130 on 15320 11810 (WBI 18/3) Hmm, Arunachal is the extreme NE province of India, E of Bhutan in Himalayas(gh) AIR quoted Info & BC Minister as telling Lower House of Parliament 16/3 that AIR is to strengthen its foreign svcs shortly. Proposals for setting up 4 adtl hi-power SW ES xmtrs had already been included in current plan (WBI 18/3)

INDONESIA 27/3 hrd what I believe to be RRI Nabire on 6127 at 1218-1240; carried network to 1235, then local pgms; WRTH 83 lists as 50 watts, surely outdated?! So far this month I've hrd 30 Indos all carrying net pgms 1200-1315, all using diversity reception. 27/3 was a fantastic day for Indos! (Bob Underdown Fayetteville AR) RRI Jayapura on 6070 ex-5044 at +0830 -1400*, P-F, RRI-Wamena on 5043 +0900-1200+, P; Jayapura nx 0915 (Ishida, IDXR) 10/4 hrd RRI "Love Ambon" song on 9680 u/VLH9 at 1300; harmonic or image? (John R Meyer, Kellersville

WI) RRI Natl Pgm in Indo now additionally hrd on 9680 & 7270 for first and third daily xmsns and 9680 for second (WBI 18/3) RRI Jakarta, 9680, 1325 31/3 in Indo, YL with "programa nasional", strong (Mitch Sams, AR) New RRI xmtrs hrd on 7270, 9680, 11770 from 1300 w/IN nx, mx to 1608*v, possibly from 3 sites--Medan, Jakarta, Biak; 29/3 (Ernie Behr, Ont)

INTERNATIONAL VACUUM Public Info Office at Kennedy Space Center, 305-867-7110 gave me these fqs for shuttle-to-ground telemetry: 2205, 2217.5, 2250, 2287.5 MHz; voice fqs also available but I didn't ask (Doug Dorius, Ogden UT, 30/3)

IRAQ Baghdad ES here on 3367 ex-3240, unID lang 2000, anthem, 2006*, Azeri? 4/3 (Padula)

ISRAEL On Calling All Listeners, 21/3, it was implied that IBA would begin broadcasting in German in a month's time; however, they try to obscure when they are being serious (gh) Kol E Israel for 2000-2030 EG changed from 17645 to 17630 (Steven R Lare, Holland MI, 4/4) Also for following FR and presumably for 2100 RS the all I hear is jamming. Presumably different xmtr used for Reshet Bet pgm on 17630 0615-1200, closing early due to preventive maintenance. Another change, 1200-1300 EG & FR 15405 ex-15415 (Ralf Munster, GA, 30/3) Ha'aretz reported 21/3 that an emissary for an Iranian ex-President had been in Israel negotiating w/Abie Nathan and the owners of the TV ship Odellia on the purchase of a being ship. Odellia more likely since Nathan's ship in no condx to sail to the Persian Gulf. Customers intended P to begin xmsns in May from a location off Iran (WBI 25/3)

ITALY Radio Pace, 15475 since 9/3 2200-0430, new private stn testing w/3-min repeating anmt, addr Casa Gioliosa, 37020 Cerna di Verona, Italy (many Play-DX reporters, 15/3) 25/3 2120-2130 on 15601 ex-15475, R Telepace, 4 kW ERP, searching for good eq to Sam. 19/3 letter from them indicates also 3 FM and 4 TV channels, says trying to reach missionaries in Lam; 4-element yagi ant at 750m height, on 15600 since 18/3 (Play-DX) Tests hrd on 14/3 23-05 on 15476, "Christian Catholic Stn", when I was trying to hear LRA36 (Emilio Pedro Povrzenic, Argentina) R Pace, 15475 2335-0340 28/3, F, IT monotoned M, phone number, ments of Verona, short mx fills (Terry L Krueger, FL) 15475, IT tape 2200+ 3,4,5/4, F but suffers deep fades (John Santosuosso, Lakeland FL) Weak sig on 15473.5 2300-0500a 5/4 & 6/4, perhaps this but too weak to ID (Ernie Behr, Ont) Tnx to Gerry Bishop tip, measured here 7/4 0312 on 15473.4, QRMoscow 15470 (gh) Stazione Italiana, 7385, at present inactive (Play-DX 22/3) IBC still hrd every weekend on 6275 & 11585=best, even hrd recently by Geoff Cosler in Victoria, Australia, congrats! Now requesting 1 IRC for rp; new addr P O Box 37, Bemmal, Holland (Atlanta Radio Soundabout 18/4)

JAPAN Besides the J82 changes mentd in Apr LN, R Japan also sked now on 17755 for Gen svc to Ams 1900-0430, replacing 15325 at 1900-2130 (May R Japan News) New expanded DX Corner X now sked in Gen svc Mns 1316, 1516, 1916. Regionals Sun 0810, 1225, 1625, 1840, 2025, Mon 1025, Tue 0010, 1055; May topics: 2nd, MW DX, 9th, SAS, 16th, Oceania, 23rd MW & VHF (ADNX from NDXC)

KAMPUCHEA 30/3 noted moved from 7469; and on 7387 w/bad mod, hum (Victor Goonetilleke, UADX Feb-Mar) VOKP obs on 7378 ex-7385; not hrd on 49mb (Isao Ugusa, DX Front Line 17/4)

KASHMIR AZAD AKR, Pakistan, started using 4961 19/3 ex-6275 1140-1400 when it changes to 4980; change for change sake? Can't understand why not use 4980 before 1400 too when channel is clear (Victor Goonetilleke, ADNX) Mod on 4961 had a rumble very much like the old Muzzaferabad mxn. Varies down to 4956 most often now, 30/3 hetting Banda Aceh; also monitored *0042-0300+ on 6010, 1410-1800 4980 (Victor Goonetilleke, UADX)

KIRIBATI Heard something on 16433 LSB with singing, 0555 22/3; break in mx 0559, anmt by OM E w/Brit accent, maybe nx from Australia. Audio vy hard to make clear, tho strong enough at times; SIO 232. Something very strange about that xmtr/audio signal!! (Don Moman, Edmonton Alta) R Kiribati, presumed, 16433, 0546 11/4 island mx, pop mx, woman ancr; short buzz or hum when switching between recordings and live anmts. BBCWS at 0600; much fade on this--possibly mike in front of speaker; LSB; SIO 242 (Jack Jones, MS)

KOREA NORTH Pyongyang covering BBC-Singapore on 9740, 1200 1/4, a cruel joke, // 9977 (Grant E Sharan, Hollywood CA) RP and that from 0800 1/4, EG sked'd be: Ams 1100-1300 9745 9977, 2300-0100 15220 9745. Eu 0600-0800 11985 11660 9360, 2000-2200 11660 9360 6576. ME/Af 1500-1700 & 1700-1900 11880 9977 9625. SEAs 0800-1000 15375 15340 11830, 1300-1500 15340 11880 (WBI 8/4) Pyongyang listed with ITU for J82 on some unusual outlets: 15115 1800-1000 with 200 kW to SWAf; 15205 0800-1000 400 kW to CA[m?], 1200-1500 200 kW Eu, 1500-1800 400 kW Naf; 15445 0800-1000 100 kW SEAs, 1200-1400 400 kW Nam, 1900-2100 200 kW Eu (Padula ADNX) Eu svc in EG hrd 2138-2150* on 9360; ancd 0600-0800 9360 11660 11985 (S Reinsteu, FL, 2/4)

KOREA SOUTH R Korea registered for first time on 13m, J82: 21470 2230-0100 NAM, 21505 2300-0130 SAM, per ITU THFBS. Doesn't necessarily will actually use fqs (Bob Padula, ADNX) R K has changed name of Fri mbg pgm from 'DXers Hour' to 'SW Mailbag' (Bill Matthews, OH)

KUWAIT Since 16/2, new 90mb 3950 KR outlet audible daily, fair +1700- // 6055 7120 9840 9880 15495 17650 (Paul Karagianis, UKOCBANI, UADX)

LAOS Natl R, Houa Phan hrd on 6192 to 1300*, but no // found around 4650-70. Pakse still 6587 to 1415* (Isao Ugusa, DX Front Line 17/4)

LEBANON Mail direct to Voice of Hope/WORD in Marjayoun may take forever; should write instead to High Adventure Ministries, P O Box 7466, Van Nuys CA 91409 (Al Quaglieri, Albany NY) Israeli newspaper Ha'aretz reported that the VOH TV stn, which belonged to the 'High Adventure' church in southern Lebanon, ancd 11/3 that it had decided to transfer ownership to the American Christian Broadcasting Network, CBN. The founder of the net in s Leb & the Pres of CBN said that H.A. had given the TV stn away as a present to CBN. Decision made because members of the Christian church in sLeb who operated the radio & TV nets had failed to improve the std of the nets and quality of films bc (WBI 18/3) M82 teht fqs for R Lebanon: 5980 0400-0730 non-dir; 5980 0730-0930 non-dir & non-daily; 9545 1000-1615 100 kW non-dir; 11860 0130-0330 NAM 100 kW; 15350 1830-2030 Waf 100 kW; 17745 2300-0100 SAM 100 kW (THFBS-ITU via Mar ADNX) R National now on 11715 0030-0100 SP Lam ex-11810 (Emilio Pedro Povrzenic, 25/3)

LIBERIA Repro of ELWA logo spells it out as "Eternal Love Winning Africa" (Mar DSWCI SWN)

LIBYA R Jamahiriyyah changed EG to 2200-2300 on 11815 (Steven Lare & Rolf Lovstrom) Due DSN

LUXEMBOURG Daily pgm at 0100-0300 is now especially for SW audience, 6090, 1440 & FM (Andy E Sennitt, Denmark, RNMN 25/3)

MADAGASCAR R Madagasakara hrd well *0300-0340 in FR & assumed Malagasy; IDs as above; also various mx from guitar to Afro; utes on both sides but comes in well, on 5010. Many trnx to Steve Reinstein for tip; 5/4 (Shane Mercer, Tyler TX) R Netherlands J82 sked shows 25650 replaced by 25970, 0645-1030, non-directional for As/ME/Af. Non-dir on 11m? Quite an innovation (gh)

MALAYSIA R Malaysia reported 18/3 that a study conducted by the Japanese ICA engaged by the P Ministry of Info had found that the conversion of the radio SW svc to VHF/FM-mono in Peninsular Malaysia was viable. Agency was carrying out similar study in Sabah and Sarawak. The conversion would be implemented by the end of the Fourth Malaysia Plan (1981-85) or in the early stages of the Fifth Plan, according to the Min of Info (WBI 25/3) DS skeds of R Malaysia Kuala Lumpur: Malay: continuous on 11930 9710 9515 7200 5965; 9665 also relays EG & E Chinese svcs in part. EG 7295 4985; 9665 shared w/Malay & Chinese; 2200-0130(Sun 0530), 0530-1600; this svc also includes Malay nx 1230-1300, 2230-2240, 2330-2340. Chinese: 11900 6025 (and 9665 shared w/Malay & EG), 2200-0130, 0130-0300 S/S, 0300-0700, 0700-0800 S/S, 0800-1600; includes Malay nx as in EG svc. Indian svc: 4845 2130-0130, 0130-0330 S/S, 0330-0540 Sun, [further times omitted but shows news thru 1510]. Kuching, Sarawak: Chinese/EG 9605 7160 4950 2300-1600. Malay/Melaneu svc 11900 9535 7145 4835 2300-1600. Malay Bida-yuth svc 5030 2200-2400 & 1030-1500. Malay dialects: 7270 6060 6050 5005 4895 3385 2200-1500. Kota Kinabalu, Sabah: Malay 4970 2200-0000 & 7-1600; Malay/EG 5980 2130-0000 & 0930-1730. VOM ES: 0555-0835 EG SEAs 15295 9750 6175, 0630-0830 Malay dialect SEAs 6100. 0830-1025 Malay ANZ 15295. 0900-1600 Indo 9750 6175. 1030-1230 Std Ch SEAs 15295 11900. 1030-1300 Tagalog 1476. 1300-1430 Thai & 1430-1530 Burmese both 6100. 1530-1700 AR SEAs 15295, 1700-1900 Malay WAs 15295 9750 6175. 2200-2400 Indo 9750 6175 6100 (WBI 18/3)

MALTA IGR Toronto now on 15175 at 2130-2215 (Björn Fransson, Sweden, SCDX 19/2) Unconfirmed

MAURITANIA What's going on with R Mauritania? At 2000 14/3 they're on 4820, 20 over 9 tho their fq is [supposed to be] 4845; in AR now after 2000 (Play-DX)

MEXICO Regarding the R Consentida reported on 18395v, we now know the originator--Ramon Gordillo reports in ASWIC that the 1560 stn in Mexico City is now this, call XEFAJ, rancher a format, formerly XEVIP [which used to be English] (gh) R/Univ de SLP, 6045, *1300 w/c1 mx, SP W area wx, bad mod (Terry L Krueger, FL) XEU, "la U de Veracruz", IDs, ranchera, 1142 1/4, SIO 444, on 6020 (Jack Jones, MS) XERMX new sked: 2000-2200 on 15430, 2200-0500 E on 11770. GM daily 2210-2215, FR 0055-0100, EG 0255-0300 (W German reporter to SCDX 13/4) What happened to multiple fq usage sked after 2200? Lang times likely unreliable (gh)

MONACO RMC in AR to Cyprus on 12298 (Wolfgang Bilschel, FRG, 14/3) 12296 USB 0930-1900+ mix of AR & FR (Alan Hunter, UK, DSWIC Mar) TWR getting new 500 kW xmtr (Religious Broadcasting magazine, 4/82 via Ken MacHarg, RIB) SW

MOROCCO SW relay of DS in AR from Tangier: 15105 2000-0100, 15330 1700-2000, 15335 2000-0100, 15360 1100-1700, 17705 2100-0100, 17710 2000-2100, 17815 1100-2200, all 50 kW exc 100 kW on 15335 (RTM via QTH Af 10/4)

MOZAMBIQUE Maputo on 15305 most days in morn, 0900, 1000, 1200, appears stable on Sat/Sun, listed 15295v (Sarath Amukotuwa, Zambia, UADX) R Moz eve EG unseems on 4855/4860 any longer--just 3265 and 9619v, maybe due tech difficulties as another 60mb xmtr 4865v drifting wildly and now off air. Beira has reverted to 6085v ex-6360v (QTH Af 10/3)

NEPAL Now back on 5005 ex-4995.5, 20/3. WRTVH 82 has typo, *0020 is correct not *0200 (Victor Goonetilleke, UADX) 28/3 dropped 3425 in favour of 9589 all times it seems (Sarath Weerakoon, UADX) Has QSLed again after 10 years! in 22 days, no IRC sent, v/s B.P. Shivakoti, presenter (UKDXA via Play-DX 29/3) R Nepal, 9589, sent full data plain white card and folder on stn's development. All by air, registered, in 15 months for taped report and many follow ups. Sent a US \$1 bill for return postage. This QSL cost me about \$260 total! On the way to mail my report, I took a shortcut. The road was ice-covered in some areas and I skidded the car into a ute pole. Insurance deductible was \$200, surcharge was \$50 and postage cost about \$10 total (Chris Lobdell, Malden MA) But worth every penny, right? Hi (gh)

NETHERLANDS European Music Radio will make its final bc on 5th Sun of May via a relay by FR5 Holland on both 48m and 41m, its 5th birthday, well worth tuning in (Atlanta Radio Sound.)

NETHERLANDS ANTILLES TWR final J82 and tent S82: 9560 0715-1100 50 PT/SP/GM, 9705 0240-0330 50 RS/EEu, 9755 0355-0725 50 EG, 11755 0045-0133 250 PT/EG, 11815 1100-1300(S/S 1330) 50 EG, 11890 2215-0215 50 SP/PT/RS, 11895 0915-1030 250 PT/GM, 15275 2155-2215 50 FR/NW= Sat, 15440. 2255-0045 250 PT/SP/GM, 0135-0300 250 SP, 0300-0410 250 SP (TWR 26/2)

NEW CALEDONIA R Noumea appears to have weekly EG pgm, obs Sats 0800 on 1710 20/3, mainly E pop mx, EG talk by male ancr, "best sounds in the SPac from France Regions 3," G (Ron Hopkins, DX Ontario) Regular Sats at 0900-1100, seems to use synd pgm from NABC (Rob Wms, NSW)

NEW ZEALAND In reply to a two-sentence letter, the PM of NZ in substance said my comments had been 'drawn to the attn of I. J. Shearer, Min. of BCing'. Pass buck, or does MOBC have decision? (Rick Lucas, Stockton CA) 30/4 being mentioned as possible SW closedown date; if it continues, same fqs are expected to continue J82. Certainly continued past 1/4 (gh)

NICARAGUA Communique issued by Comms Media Directorate 15/3 and bc by Nic stns 16/3 said that as result of establishment of a state of natl emergency, all radio nx, political party pgms and those of any other org would be suspended. All radio stns in country must join net w/VON at 0600, 1200, 1800, 2400 for xmsn of "V of the Defence of the Fatherland" newscast. All radio and written media'd be ordered to submit daily pgms or editions to CMD to be reviewed before release (WBI 25/3)

NIGERIA Imro [sic, Imo?] Broadcasting Service noted on SW 4755, supposed to be 100 kW, in vorns 2020, annts 2030; VG reception (Matthew Francis, Tasmania, RA Japanese DX 4/4)

NORWAY Pirate R Confusion planning a SWBC, 2nd Sun in Mar, 1000-1200 7305, 1800-2000 21950; 75 watts to WEu (Tore Braatveit, Norway, SCDX 5/3) Tentative J82 R Norway; fqs joined by

slash apparently are either-or alternatives. 0100-0230 15125 15165/11740 11870. 0300-0430 17840/15165 15125 11895 11870. 0500-0630 15345 15165/21580 15175. 0700-0830 15135 15165 11870 11895. 1100-1230 6015 15345 25615/21700 25730/21725. 1300-1430 9590 21730/15165 15175/17840 15125. 1500-1630 21715/15195 17740/15165 25615/21705 15125. 1700-1830 21760/17840 17875/15195 25615/21725 15175. 1900-2030 15175 25615/21705 25615/21725/17840 15205. 2100-2230 15125 15175 17895/15305 15345. 2300-0030 17840 15205 15160. (NTA 8/12)

Summer sked says two new 500 kW xmters will be tested thruout summer & fall, tho not for NAM P due radiation fears among locals at Kvitsøy site; also says xmsn pattern will be changed before yearend to 22 45-min xmsns daily rather than 11 90-min (Roif Lovstrøm, Oslo, RIB)

PAKISTAN Another stn which doesn't read their own skeds: in response to QSL request on slow Q EG nx hrd 0230 on 21595, the reject letter stated "We regret to inform you that the time/fq menad by you in your reception report is not correct." Did enclose current copy of "R Pak Calling", which was nice (Chris Lobdell, MA) Form letter and QSL ask I listen to WS to UK at 0715-1100 on 17665 and 21802 (Dave Valko, Dunlo PA) So you understand Urdu? Stay tuned E for slow EG 1100-1115 on same, if prop should permit (gh) WRTVH goofed again--regional stns are shown as *0130, which is true Dec-Mar but now back to *0045. 27/3 & 25/3 Karachi on 4897 ex-4813 but back on 4813 38-29/3 1400-1900 (Sarah Weerakoon & Victor Goonetilleke)

PARAGUAY R Nac F-VG on 23830, 11915 x 2, 0000 24/3, cl mx; 11915 was G but had QRM de OC H (Charles George, Dallas TX)

PERU R Eco, Iquitos, new fq 5110 ex-5010 since 22/3; complete educational panorama of all Peru is given in "Mensaje del Sector Educacion", 24/3 0005-0020; QRM de CW/RTTY/Amateurs [sic], best reception on 5112 (Emilio Pedro Povrzenic, Argentina) 5112 first logged 20/3 2354, slogan as "Radio Completa", and 5010 several times, also hrd in morn; 22/3 0445* (Steve Reinstein, Wilkner, Bolland, Krueger, Crawford, DX S Florida) New stn not in WRTH82 is R Santa Cruz, in town of Santa Cruz, Cajamarca province, on 5340 to 0450* apx (Gordon Darling, UK, AWR DX 11/4) R Cultural Amauta, clear ID 1045 3/4 on 4955; R Satellite, 6727, 0300-0300* [sic], no clear ID, utc QRM, 3/4 (Robert Wilkner, FL) R Amazonas, 4815, 0645 13/3, mx, fq IDs, full ID 0657, NA, 0700*; gave same SW call as R Samaren but believe the MW fq was given as 1100, not 1080; also hrd several times to 0700* (Bob Streeter, NY) R Nac has returned to the air after being torched last year by subversive group (Jose a Bonacci, Argentina, LA-DX) R JSV, Lima, tent hrd w/continuous mx u/R Nac Bs As; huaynos 5/3 0437 on 6060 (ibid.) R Atlantida celebrates its 25th anniversary around 16/6/82 and is especially interested in receiving reception reports to be read on the occasion (Wm Krause, MN, RIB) New stn in Huancayo R --- fair at 0550 on 4800 (Eduardo Ink, Argentina, SCDX 6/4)

PHILIPPINES RVA EG sked effective thru 10/5: 0030-0100 17705 15275 15135, 0300-0330 17705 E 15275 15215, 1130-1200 15210 11770 9605, 1430-1500 15210 11955 9670 (Grant Robinson, SA, RA DX 11/4) PBS Manila, 6170, 1230 EG nx, weak & splatter from Malaysia 6175, Korea 6165; rarely hrd these days. 3286 seems inactive; FEBC says 3345 2 kW still there and some people want it to be used for tribal langs but nothing definite at all, 20/3 (Goonetilleke, UADK)

POLAND R Polonia and new fq for EG to NAM, 6035, unhrd due to QRM (Kraig W Krist, 3/4)

E Best at 0300 on 15120 (Sandra Manning, Garland TX)

PORTUGAL R Renascença hrd to SAM at 0115 on 9720 (E P Povrzenic, Argentina, WDXC Mar)

QATAR For J82 Doha registered w/ITU: 0245-0600 15335, 0600-1300 17755, 1600-2300 17870, via new higher powered xmtir which has been using 15505, 15185 (Bob Padula, ADKN) [Cf Apr LN-20] Please correct time to 0245-2130*v (E Behr)

RWANDA DW Kigali fq usage J82 incl changes: 7225 0330-0600, 9565 0330-0600, 9610 0000-0300, 9735 1500-2200, 11705 2000-2400, 11765 0000-0300, 11785 1000-1200, 11965 1500-1800, 15410 1030-1500, 17800 0915-1030 & 1215-1500, 21540 0915-1030, 21600 1800-2400, all 250 kW. No longer used by Kigali are 9700, 21500, 21560 (DW & QTH Af 10/4)

SAINT VINCENT Quality Media Corp has obtained both land and warrants to operate 3 AM and P 1 SW xmtir here, 50 kW each (Bob Jensen, NZDXT)

SALPAN New Marcom stn KYOI will be mx only, no nx, pgms produced in CA; fully automated w/ P one engr, 24h, no religious; already has had 50 inquiries re advertising; target 1/9, more than a megabuck invested. Consulting engrs are in San Francisco, 100 kW, very directional; local power supply is adequate; will use Continental's newest xmtir, covering 16 thru 31m, 23 db antenna gain on higher fqs; test period will be very brief (RMMN 25/3)

SAUDI ARABIA Hrd on AM 13685 kHz // 15060 3/4 GMT local eve, but not since; also on 5873 at 0240, not as listed *0300 (Mitch Sams, AR) Riyadh on new 7250 for Holy Koran svc 2030-2045, 19/3 but QRM Vatican co-channel (Bob Padula, Vic.) J82 fqs registered with ITU are 5875 7155 7220 7245 7290 9645 9520 9615 9720 11845 11855 11870 11900 11910 11950 15060 15110 15125 15235 15245 15430 15435 17760 17810 17840 21495 21505 21545 21670; 3 xmtir sites, Jeddah, Diriyya, Riyadh; Diriyya on 7220 9720 11950; Jeddah 5875 7290 11855 11870, rest Riyadh (Bob Padula, ADKN) Now has Turkmen pgm 1500-1550 9730 7155 (WBI 18/3) M82 sked shows BSKSA AR DS to Eu 1700-1900 10660 11685, 1900-2300 11685 985 (WBI 25/3)

SEYCHELLES Govt requested FEBA not to use 49mb as it is close to Defence svc fqs and causes in ermodulation, so moved from 6140 to 7275 0040-0145 (Victor Goonetilleke, ADKN) Final J82 sked: 0042-0115 9760 11860, 0042-0145 7275, 0127-0230 11760 15130, 0157-0300 11855, 0230-02 45 11760 15170 0245-0315 15170, 0312-0530 11810 15200, 0327-0430 (Fri 0500) 15385, 0712-0815 (S/S 0830) 15235 17825, 0912-1000 (0945 Mx W) 15430, 1057-1200 15405 17875, 1222-1415 11865 15320, 1415-1500 11855 15320, 1500-1600 11865 15325, 1600-1615 11865, 1612-1700 11820 15410 1627-1730 11930, 1700-1718 (W-Sa 1733) 11820 15410, 1742-1830 11760 15305, 1827-1845 (S/S 1900) 9510 (FEBA)

SIERRA LEONE SLBS has quite relaying BBC news bulletin at 0700 after 30 years (WBN via RIB)

Note from the editor: Due to a bout with flu and other problems, we're behind this month and this is all that could be completed by deadline; nor has there been time to proofread, so apologies for typos. Maybe we'll catch up next month. Meanwhile we have room for the North American pirate station which was not published last month... 73, gh

LISTENERS NOTEBOOK -- NORTH AMERICAN PIRATE SECTION --April 1982 -- Edited by Glenn Hauser --
Box 6287, Knoxville TN 37914. Due to space limitations in FRENCH this section (only) of LN
is now distributed with UPDATE.

Voice of Syncom is back! Stumbled upon presumed reactivation 14/3 0621-0650a* (approx because they were running parallels that were not in sync w/each other). Hrd on 6225, 6250, 6280, 7375 and 7425. The 48mb fqs were extremely strong, stronger than Syncom ever was, tho 4mb weaker and 6250 overmod. Anchr had 'southern' accent w/Wimpy Willie sketches, fake speech by Nixon, said winners of Easter Foxhunt will be notified, said sorry abt death of Regis Malenfant in Que.; all fqs were ancd. QSL via McClellan's addr. Also found same date w/bc 0739 t/in to 0807 QRM out on 6225 only w/repeat. This takes me back two years, and the quality of the pgms remains high (Andrew Wallace, Chelmsford MA) 14/3 0600-0645 on 6250, 6280, 7375. After a year Syncom w/Chuck Felcher returned back on the air. Also ancd 2 other fqs; 7375 was best; 6250 was out of sync, about 30 secs behind 6280. Played "Rubber Biscuit" by the Blues Brothers and "We Love the Pirate Stations" among others (Thomas Semesky, Gary IN) 14/3 0604 on 6280 which appeared to be the lead stn; the other channels had same pgm but were delayed by 1 to 1½ mins; maybe using tape loop feed or more simply, whole pgm prerecorded and stns didn't start simultaneously. Repeatedly asked for reports via McClellan. Sig on 6250 VP here; 6280 was 20 over. Audio on 7374 much clearer than others; 6280 0641* while 7374 went on. Never hrd 6225 or 7425 xmtrs. Rock mx, unintelligible talk; 7374 0646* (Kirk Baxter, Mission KS) V of Syncom is back! 14/3 *0558-0648* hrd on 6225, 6250, 6280, 7375; 6250 fair, rest good. 7425 inaudible here but hrd in CA & on east coast; five fqs at once perhaps a first for any pirate. Anchr Wimpy Willie & Fletcher Felcher. Don't know what's become of Chuck. Wide variety of mx. Also repeated 0730-0815 on 7375 & 6225, both G. Many "VOS" IDs too & nice to have this back. (Two weeks later:) The 14/3 bc was heard from CA to England; those reporting it will receive special QSL (Scott McClellan, Battle Creek MI) Returned from the dead, I guess--hrd on 6225, 6280, 7380 at 0558-0648 w/simultaneous xmtns, 14/3. Ancd would be on at 0730, but I was tied up w/PRC (Steve Bonadio, Watertown NY) V of Sunshine [sic], 14/3 at 0500[sic], strong sig on 6280 w/rock, IDs; very varied mx, some comedy, ancd parallels, & I found 6250 & 6224 tho weaker. Good quality sound, nice tight pgming. Gave Mc's address at 0513; considerable delay, 5-8 secs between relays. A pleasure to listen to & if they last, this one may rival the Voyager & others (Jeffrey Dean O'Donnell, Mineral Point PA)

Voice of Pirate Radio is the closest I could get to a real ID tho many ments of BBI Radio Net --7/3 0453-0509 on 6840; lots of mx, little talk, tho ancr sounded very pro; I'm sure I've hrd this name before, but I don't know where; don't think it's the same as VPR, even tho the initials are the same, as the ancr here is better, as is audio quality. Played mx from Molly Matcher and something called "I've Got the Music in Me", 0509 said something like "This is Tom Black Foot now signing off", before giving a short speech about free radio and going off. SIO 333-444 (Mike MacCollum, MN) BBI Radio Net, Brotherhood of Bootleggers Inc. hrd on 6840 0435 7/3; 30 min earlier hrd someone testing on 6240 w/snatches of rock mx, "Boston", "Led Zeppelin" etc., feedback, 60 cycle hum, vocal test counts. Am about 80% sure this was BBI also; pgm ended at 0512 w/out any QSL addr (Bob Underdown, Fayetteville AR) 7/3 0434-0438* on 6840, BBI Radio Network, strong sig, I tuned in late; rock; only ID was "BBI Radio Network" (Kirk Baxter, Mission KS)

Gateway Radio 1620 hrd here on LI 28/3 0102-0200 on 1620 kHz; male ancr called it test xmtn. Rock, reggae, greetings to other local MW/FM pirates (incl FRN, KPRC, WFUN, Free R 1615...) and ancd that 'official bc' would be on later at 10 pm EST (0300 GMT). Fairly pro-sounding; unfortunately, reduced to barely audible by QRM at 0152. T/in 0300 and a few more times later but inaudible if on at all due same QRM. First time I've hrd this one & appeared to be his first time on air. Also hrd next nite, 29/3 0200-0207* on 1620, w/nx from local stn--WGCH, Greenwich CT (James Fordyce, Huntington NY)

WHUFO to avoid confusion has changed its name to WHFO. I'm their mail drop & they've rec'd reports of G to VG reception from all parts of the E & Midwest for both day & night xmtns. Wants to receive pre-recorded pgms from listeners, a unique opportunity; can be any type of mx. All of you who want classical mx on a pirate, here's your chance! Also likes taped reports. Was on 6275 2200-2250 6/3, F-G here; also can use 6225 & 6300 (Scott McClellan, MI) WHUFO, 27/2 6270, t/in 1755-1948 t/out; like-local, w/49016 addr; pop mx, talk of child w/ID and Save the Whales; 1903 Golden Age of Man, on scientific progress and enjoying life. 2030, still on; nothing 28/2 1830 (Brian Prokop, Willowick OH) unID, 6275 11/3 2305, ocl Am pop mx but mostly covered by CW, etc. 2310 hrd "49016" mentd; 2320 more EG talk; better at 2335-2343* (Chuck Oliver, Spring TX) WHFO on 6275 at 2240 11/3, Beatles, Battle Creek addr; claims QTH is Chicago. I've checked the tape several times & am very sure of the call letters (Bob Underdown, Fayetteville AR) New one for me, 15/3 0226 on 6275 moderately strong, Beatles. Mod on mx was fairly good but VP on ancr. Despite fading and low audio, hrd ID as WHFO at 0251 & several times afterwards. Plagued by ute QRM, best rxd by LSB EGSS. Strength much lower than Syncom of the night before (Kirk Baxter, KS) Re call change, this is ludicrous--why do 99% of pirates using calls start them with K or W and have 4 letters?! As pirates, they have the 'privilege' of making up any combination of letters or numbers they like (gh)

R Vienna, the Voice of Vienna, hrd on 7410 0241 27/3; pop mx, Jethro Tull, Moody Blues, etc. VP w/ute QRM; "your favorite free radio beer from the Great Midwest..." Did not sound like the Voyager crowd (Bob Underdown, AR)

Pirate Radio Central, KPRC 20/2 hrd on 1615 0530+, VP w/phone-in, vy political format, bordering on being more of a clan than a pirate; poor audio as if xmtr fed by phone line. 14/3 on

1615 0530-0730+, fairly G strength but local line noise QRMed; music & phone calls, also gave addr as P O Box 747, Exeter NH (Scott McClellan, MI) Pirate R Central, presumably another one from NYC area hrd on 1618 kHz, 31/1 0540-0745 spinning rock & oldies, M ancr w/IDs took phone calls via phone loop. F-P sigs, F mod (Gregg Bares, DC) Pirate Radio Central, 1616, hrd 20/2 0600 w/loop phone-in show discussing war in El Salvador; G sig. This stn pops up every few weeks and features an intelligent and pro ancr; anti-Reagan comtry & 60s pop mx featured (Wm J Martin, DE) KPRC, 1616, 14/3 hrd on LI *0445-0645+, OC 0435-0445. Rock, phone-in, calls from NY, PA, Ont. Vy strong signal here, some fading, said was also being on FM ("KFUN") 91.5 MHz, but couldn't hear that here (J Fordyce, Huntington NY) P.R.C. hrd again on 1615, Sun 14/3 0550-0835 giving addr as above, zip 03833; using loop phone 212-352-9906. VG sig, some deep fading. After I talked w/him, "Pirate J. [?]" was called by another alleging he was re-bcing PRC on 7390 and inviting last caller--me--to call 212-365-9979; later gave 212-233-9979. I couldn't get thru on either number or hear anything on 7390; PRC had anti-nuke, anti-Reagan theme. Also mentd 91.5 MHz FM as alt fq (Frank N Decker, Syracuse NY) Pirate R Central again hrd 20/2 0607-0730*, 14/3 0635-0837, both on 1615v. Usual stuff, anti-A bomb, conversations over phone abt nuclear war & power, arms race. More of a clan than a pirate; strong enough to come thru my el-cheapo clock radio (Andrew Wallace, Chelmsford MA) I hear you included my comments on PRC audio in March LN; some of the people calling them 14/3 +0630-0914 on 1615--also supposedly relayed by WREA (?) on 7390, tho I never hrd it--mentd my displeasure but said it sounded fine to them. Well, sure it's satisfactory for voice, but when he plays music thru it you realize how bad it is. I know some people in NYC who said it blankets the city on 91.5 MHz FM, with excellent quality, and I have heard a tape of it and it is good, but the AM stinks. Also they have their usual ramblings about El Salvador and they said everybody should take to the streets in peaceful protest. The guy who runs it, "Pirate Joe", is just a flower-child retreat, who is putting his feelings out over the air; maybe he will get sick of it and give up (Steve Bonadio, Watertown NY) Somebody apparently relaying KFUN/PRC on 7425, 7/3 0445-0456* as ancr Pirate Joe said "KFUN, pirate 91 FM" and patch cord kept falling off their xmtr; mx, vy steady, off midsentence (Andy Wallace, MA)

WFUN hrd on 1628 kHz (ancd 1620) 12/3 0245-0600+, mostly pop/contemp mx, ancr "Neil Downs(?)" w/obvious Brooklyn accent. Said 40 watts from NYC, appeared to be from a bar as people ("the live studio audience") could be hrd in background clapping, making noise, etc. Also hrd mentcs of Benny's Bar & Grill. Asked for calls & gave 212-569-9979. Got calls from NY & LI, NJ, CT, VA. Said hadn't been on in a few months. Not terribly exciting, however, and nothing original. F-G reception but much QSB. Still on at 0600 (James Fordyce, Huntington NY) WFUN hrd on 1624 27/3 0530-0630, old rock & phone calls, 212-569-9979, got thru at 0614, won't QSL & will not change fq to escape terrible QRM around 1618-1627. Rotten sig (Scott McClellan, MI) 27/3

a new one, WFUN, 0715-0745+ on 1622(+ 2 kHz), 60s mx, taking calls at above number; no political content, a welcome relief from Pirate R Central (Steve Bonadio, Watertown NY)

V of the Pyramids hrd 14/3 0500-0522* on 6240; M ancr said testing new eqp, claimed 100 W; rock. McClellan's addr. Said to listen at 0600 for a big surprise; SIO 433 (Thomas Semesky, Gary IN) 14/3 6240 0500-0523*, G sig, lo mod, QRN (McClellan) 14/3 on 6240, 0512-0532*[sic], VOTP, played "The Wall" by Pink Floyd, s/off w/"We Will Rock You." Said back at 0600, but didn't hear them then--instead, V of Syncom [on nearby fqs] (Kirk Baxter, Mission KS)

R Clandestine hrd 14/3 on 11805a, 1540-1605*, G at first, but het became worse later, excellent tech quality as usual, many IDs, rock mx by Hendrix, Foghat etc (Scott McClellan) A WUOT engr told me in late March that he had hrd it in the 13m band around 2200 (gh) 6/2 1702* on 15285, VG w/s/off anmt: "R Clandestine exists for the purpose of providing an entertaining and

very well needed alternative to humdrum radio. This is your host R. F. Burns bidding you a good night [sic] from somewhere off the North American coast. Your pirate bootleg radio, R Clandestine." (Robert Taglialegne, Sudbury Ont, DX-Ontario) 15825 [sic], [no date], 1630, RF Burns, IDs over and over to 1700*, SIO 434 (Allen Roberts, NC, SPEEDX) 11915, 1640 10/1, 444

Burns, IDs over and over to 1700*, SIO 434 (Allen Roberts, NC, SPEEDX) 11915, 1640 10/1, 444 w/rock (Michael, PA, SPEEDX) I hrd that this stn has been around for almost 10 yrs! Can any-

one confirm this? I have a funny feeling it is run by a group of beers/DJs who have access to a studio and a very powerful xmtr (Steve Webster, DX Ontario) In case the reader hasn't put it together, its M.O. seems to be: random choice of fq, rarely if ever the same one twice, but always inside one of the ISWBC bands, 6 thru 21 MHz, at widely varying hours but during the

daytime, xmsns lasting less than half an hour; suspect the 15825 above a transposition (gh)

WOOF 28/2 this was the only pirate hrd, 0632-0649, Horrible Harry playing rock, comedy game show; ute QRM, SIO 322, played "Ronnie Be Good," his theme song, before closing (Lani Pettit, IA) Fq? (gh) 6985, WOOF claims N Dakota QTH, new 100 kW xmtr into dipole; hrd 28/2 0630-0647*

(Bob Underdown, AR) 28/2 6985 0627-0648* amidst ute QRM, rock, McClellan addr, Python sketch, Go Ronnie Go at s/off (Andrew Wallace, Chelmsford MA)

Midwest Radio hrd 28/3 on 1610 0556-0645, test xmsn, variety of mx, opened phone line but couldn't catch, no addr given; this is not related to the Midwest R that was on 6912 a year or so ago, poor sig peaking at fair (Scott McClellan, MI)

WOIS Hrd on 7433, 26/1 2214-2430+, rock, new wave, IDs, anti-SSB editorial, anmts by Thomas A Hawk. Took phone calls via loop 516-654-9906. Noted again 6/2 on 14445, 1810-2119 w/rock tunes, comedy albums (incl some of that horrible stuff the British pass off as comedy), occl IDs by humorous M ancr. Took phone calls via loop #, then taped & played them back at end of xmen. Per my suggestion they moved up to 14451 at around 2030 to avoid ute SSB QRM (Gregg Bares, Washington DC) 9/2 0004-0104* on 7430, 2 ancrs, E sig, didn't annc phone #. Addr the usual Potsdam one, promised QSLs (Andrew Wallace, Chelmsford MA) WOIS will test some more on 14450 ± 20, try weekends 1900+.

Beginning in May, I'll handle mail for WOIS (S McClellan)

Radio Free Radio 28/3 abt 0530-0813*, mostly testing until 0700, 7425 USB; many pauses but more of a pgm after 0700, interviewing about mx styles; SIO 433-534, but mx sometimes poor on SSB; a few creative ads, like for "Black Flag". DJ had good radio voice, "Edgar McCarthy", said'd be back next week, same time & fq w/"Music Digest", then in unison, "Goodnight" (Lani Pettit, LA) Impressive name, hi, hrd 28/3 on 7430 SSB at 0630, off, back on 0700, talk by Eugene & Edgar about new wave mx, G sig but poor tech quality (McClellan)

VOFR - Voice of Free Radio, hrd 21/3 on 7426, 0214-0248*, F-G, at s/off said that RFW would be on tonight, but wasn't hrd here. No addr given (McClellan)

WIVR New pirate hrd once, 12/2 at 0511 on 3875: "This is W 1 Victor Radio calling listeners" & played many songs from Lam to US to one sung to tune of "Bette Davis Eyes". Terrible audio. Sig went off and then came back on several times. 0525 went off and still not back 10 mins later (Kraig W Krist, Falls Church VA)

R Free San Francisco 10/2 0138-0207*, IDs for their European svc; Arcata CA PO Box, comtry on solution to country's economic problems--colonize Mexico; kept repeating ads for a phone answering machine, on 6466 (John Santosuosso, Lakeland FL, DX S Florida) On 6214, *0015-0135 t/ out 28/3, rock, pops to 0028*, 0036 IS & more rock/pops. Also editorial criticizing attitude of certain female DXers/SWLs. (Santosuosso) Also hrd 28/3 on 6214, *0035-0152*, mostly rock, Zeppelin, Stones, Beatles, Zappa. ID as "This is Radio WRZK Radio Free San Francisco broadcasting to the S F Bay area and Florida". Riotous appearance of "Dirty Dan the Retarded Man" & much vile grunting & oinking. Gave addr for reports as: John T. Arthur, Box 4948, Arcata CA 95521 (Steve Reinstein, Miramar FL) Same time, ID as "Official Voice of the Bay--somewhere under or near the Bay area". Nice sig tho some FMing (R & L Wilkner, Reinstein & Terry Krueger, Casselberry FL, DX S Florida)

WJWA 6276, 2/3 2350-0044, fqt IDs also as The Voice of the Southeast, P O Box 277, Intercession City FL 32843. Pirate radio mx, rock, apparently left air w/xmtr problems (Santosuosso)

WPOT The 27/12 xmsn rxd reports from Vashek Korinek in S Africa, Simon Parry & John Campbell in the UK, & others from around 20 states & Ontario. Apparent backlog means QSLs may take a while (Gregg Bares, DC) On 6814 19/2 0036-0229*, ancrs "J. S. Trappe" and "Chuck Wood" wanted calls to 516-654-9906, only got a few. I called and talked w/both of them. Said they were having problems w/QSLs but that they have all reports. Strong sigs to begin w/, then faded off. Phone patch wasn't working, so they taped calls & played them at end of bc. Funniest part was when J.S. & Chuck sang the Natl Anthem in 2-part cacophony (Andrew Wallace, MA) 14/3 0312-0402 on 3485; new ID: "This is commercial free all the time-WPOT shortwave music radio" (Kraig W Krist, Falls Church VA)

WRNR 14/3 0532-0535* on 7397, gave phone 212-233-9979; I've lost money to old Ma Bell via these phone loops before, so I didn't bother to even try calling. SINPO 33333 into the mid-west; also playing rock, nothing unusual (Kirkman G Baxter, Mission KS)

R Indiana 14/3 0434-0443* on 7425; vy weak sig, only thing I could hear besides ID was pirate theme song, "We Will Rock You" by Queen (Kirk Baxter, KS) Vy active the weekends of 21/3 & 28/3, mostly on 7425, but once on 7430 & 7410. F-G here (McClellan) 27/3 0725-0734 on 7410 \pm 5 kHz. Sound like they have open mike all the time; oh well. I heard that last week they spent half an hour putting down Lani Pettit (Steve Bonadio, Watertown NY)

R Xenon, US pirate, tested 0630-0700 21/2, 0730-0800 20/2 & 7/3. Surprisingly it was hrd by about 7 UK DXers even tho R Xenon said they were running just 15 watts. Let's hope they make more tests; addr via McClellan (Atlanta Radio Soundabout, 21/3) Weakly on 7388 20/2 at 0730 w/rock. Strange prop condx since this bc was hrd at decent level in UK by several. Also on 21/2 at 0630 but inaudible (McClellan) 7/3 0646-0701* on 7388a. Vy hard to understand as they were right next to a ute and were apparently using disguised voices. Did hear one clear ID & McClellan's addr but most of the rest was unintelligible; might have been ancing wrong fq, something like 7354, and they could have given a brief political talk. Played "Masochism Tango" and a Lam-sounding tune over which they might have given SP ID 0700. Off in mid-mx at 0701, not back at any re-checks; SIO 222-322 (Mike MacCollum, MN)

KCFR, California's Free Radio, hrd on 7358, 28/2 0820-0825*. M ancr mentd stn was the "West Coast's pirate radio," then wished listeners best of DX, Good night, and s/off w/theme from "The Munsters", shades of Fred Gwynne. Weak sig (William J Martin, DE) 28/3 on 7355, KCFR claims earlier reports of KIFR were them. Had DX spl 0735 w/loggings of various pirates some dating back to Sept 81; 0745 "Face the Universe" interview w/Darth Vader, ads for One-a-Day Reds; addr is P O Box 4948, Arcata CA 95521 [as R Free SF above] (Bob Underdown, AR) 28/3 on 7355 at 0549 advising they'd be on at 0800; then 0807-0815 moving around 7344-7347, setld on 7344 by 0815 which was occupied by ISWBECR. Addr as above; G audio and G sig when clear (Scott McClellan, Box 982, Battle Creek MI 49016) = addr for many other pirates

Big Boom R, apparently a new one, hrd on 6840 24/1, 0345-0415+ w/pop tunes, ID by M, weak in bad ute QRM (Gregg Bares, Scranton PA)

R Bouvet I was dismayed to notice in Update, Feb FRENCH, that my addr had been submitted as the QTH of this pirate. This appears to be the latest in a long series of harassments and smear tactics carried on by a small group of former members of the Ontario DX Association, who were expelled for having submitted phony loggings under a fictitious name (Steve Webster) Letter from Webster says the addr was his but he doesn't know anything about the stn (Bob Streeter, Schenectady NY)

R North 31/1 0620 on 1616, presumed in NYC area, variety of mx, ID and phone as 212-352-9906 (Robert Kramer, IL, NRC DX News)

R North Star International hrd 28/3 0530 testing new antenna, fairly good but moderate QRM, on 13787 (Scott McClellan, MI) Following log inadvertently omitted from previous LNs (gh) RNI hrd 27/12 1900-2030 on 13780a, male ancr playing vty of mx; gave IDs in both EG & SP; could barely hear bc, weak sig buried under much static and noise (Thomas Semesky, Gary IN)

R Douche [Cf Mar LN-19] My log was at 0512-0537* (Andrew Wallace, Chelmsford MA)

WGUT w/Hugh Hughes & Gus Guts again on 14/3 weakly on 1630 kHz from 0815 to 0821 t/out. Taking more calls and being hrd (apparently) well thruout NY area (Andy Wallace, MA) 14/3 from before 0805 to 0905 on 1628 kHz (not 1630) (Steve Bonadio, Watertown NY) Also hrd WGUT on 1629, 14/3 0645-0745+, playing pop mx, taking calls at 212-569-9979, rxd them from PA, DE, etc. Ran quite smoothly & pro-sounding ancr. F sig, but fading was annoying (along w/local QRM which crushed it from time to time). Much better sig from KPRC on 1616 (J Fordyce, LINY)

FM Pirate Radio X (ex-Station X) reactivated by op Bruno the Human Pineapple, who is disgusted by QSLing. Now using 88.7 instead of old 104.1. Sked noon to 6 pm EST, 20 w mono, pgm featuring combo of 60s and new wave w/occl guest DJs (Dave Crawford, FL, NNRC March)

KRAP El Segundo area, California, on 840 kHz, Sat 31/10 2130 EST, playing side 2 of Disney Halloween album, 0200* ID as "KRAP, Los Angeles" (Steve Mittman, San Pedro CA, IRCA) Another pirate in Long Beach-Compton, on 830, hrd Sun 1/11 1650 EST, this time playing his own Big Band records, first time I've hrd him not // some other stn (ibid.)

R Confusion Interview with Crazy Roger gives this background: One Sat afternoon, a couple friends were over, getting drunk and listening to records. We popped a cassette into the recorder and started howling things off! Crazy Charlie originated the name "R Confusion". Equipment is Heathkit DX100B with 150 watts, bought out of classified ads for \$80. Production is done on 2 turntables, a 12-input mixing board, an equalizer to improve midrange tones for SW, and a cassette. How are broadcasts prepared? We call it a "Big Funnel" process. In the beginning of the month we collect notes, news clippings, ideas, letters, etc. This gradually gets sifted into order during the month. Then on production day, we hold a bull session and decide what we want to do. Production time last about 6 hours. Three people are involved, average age 25. We do respect the FCC, but feel we are not doing anyone any harm and we really are not on that often. What do we accomplish? Have a few good laughs, and put an impression on the music and radio industry. We feel such people are out there 'hiding' in the audience. We are all part of the biggest, most powerful form of communication in the world. Radio plays a big role in how this whole world lives. Radio Confusion is an influential station filling a void in radio. We think most of our listeners enjoy our style, and we appreciate all the letters we have received telling us so. (Association of Clandestine Enthusiasts)

PUBLICATION The above interview was taken from a new monthly publication, A.C.E.. The first issue is an 8-page leaflet including some other pirate loggings, not much on political clands, but some opinions; promises to expand to 50p if sufficient material is sent in. Samples are 25c in coin or postage; Canada, 1 IRC; overseas 2 IRC. Membership: \$6.95 in USA, \$7.95 elsewhere in NAM; \$9.25 to Europe. Info from 218-236-9173; addr: A.C.E., P.O. Box 452, Moorhead MN 56560 (Darren S Leno, WDJEWJ)

C.A.F. (?) On 6225 kHz at 0731 14/3, IS followed by M w/"Back again by popular demand. This is (C.A.F.?) now broadcasting...transmission in the 48, 42 and 31 meter bands." Played R&R mx and played tape of Presidential message of some sort. Gave Scott McClellan's addr. Started off strong, but faded within a few mins. No sign of V of Syncom at this time, tho it was on this fq earlier (Bob Streeter, NY)

The following report gives all awards issued during the period 19 October 1981 through 15 April 1982. All awards are in chronological order of issue. The period since the last column has been fraught with many trials and tribulations, but there are no outstanding awards to be issued as of 15 April. I do thank all those who have wished me well with the awards program, and, while work has been heavy, the work load has been much less this Spring and things look good for the summer and fall also. Well, on with the awards.

A FRICAN CONTINENTAL DXER

Paul Buer
John Huniwell
Terry A. Klasek

AFRICAN CONTINENTAL DXPERT

Terry A. Klasek

EUROPEAN CONTINENTAL DXER

Robert Viau
Jim Hilliker
Kenneth Cobb
Edward K. Overstreet
Lawrence R. Walker
Paul Lerner
Terry J. Palmersheim
Daniel C. McCarthy
C. Vernon Hyson
Charles Connell
James C. Clifford
Terry Kobylski

EUROPEAN CONTINENTAL DXPERT

Ewald Bartunek
Daniel C. McCarthy

SOUTH AMERICAN CONTINENTAL DXER

Richard E. Davis
Gordon F. Blom
Linton Robertson
Roger DeRoy
Tim Hall
Robert J. Vance
Daniel C. McCarthy

SOUTH AMERICAN CONTINENTAL DXPERT

Steve Leite
John M. Huniwell
M. D. Kirkland

NORTH AMERICAN CONTINENTAL DXER

Robert Viau
Robert J. Vance

NORTH AMERICAN CONTINENTAL DXPERT

John M. Huniwell
Terry A. Klasek
Dave Valko

DXER DE PACIFICA

Jim Hilliker
Linton G. Robertson
John M. Huniwell
Roger DeRoy
C. Vernon Hyson
M. D. Kirkland

ASIAN CONTINENTAL DXER

Robert J. Vance
Steve Leite
Daniel C. McCarthy

WORLD WIDE DXER

William R. Smith
Ror. Tekulve
Lawrence R. Walker
Edward K. Overstreet
Kenneth Cobb
Terry J. Palmersheim
Raul Martinez
Tony Kobylski
Romanian Amateur Radio Federation

DX CENTURION

Steve Leite
Linton G. Robertson
Jim Hilliker
Dave Sedgeley
Jim Green
Tim Hall

SENIOR DX CENTURION

John M. Huniwell
Terry A. Klasek
Dave Valko

ALL CONTINENT QRP DXER

Paul Buer---5 Kw
Terry A. Klasek--50, 25, 10, 5 Kw
Nobuaki Takahasi---5 Kw
Gordon F. Blom--25 Kw
John M. Kapinos--10 Kw
Walter F. Kunz--50 Kw
William H. Taylor--50 Kw
John Sgrulletta--10 Kw
Daniel C. McCarthy--25 Kw

SENIOR NIGERIAN DXER

Nobuaki Takahasi

SOVIET SPHERE DXER

Robert Viau

MASTER SOVIET DXER

John M. Huniwell

ECCLESIASTICAL DXER

Steve Leite
Robert J. Vance
Murray S. Levine
Charles Connell

MAPLE LEAF DXER

Robert Viau
John Sgrulletta

VOA DXER

Terry J. Palmersheim

SENIOR BRITISH COMMONWEALTH DXER

Robert J. Vance
John M. Huniwell

ARAB WORLD DXER

Gordon F. Blom
Daniel C. McCarthy

ARAB WORLD DXPERT

John M. Huniwell

SENIOR ECCLESIASTIC DXER

Terry A. Klasek
Roger DeRoy
Kevin Mikell

TROPICAL BAND DXER

Terry A. Klasek

Well, that's all for this month. We hope that all the problems with missed mail and slow responses is over, and that I can get your awards back to you within a couple of weeks at the most. If there is any problem, PLEASE WRITE. I will answer, but I do wish that you would include a SASE or a 20¢ stamp to pay for the postage. Also, I will refuse to even consider any award that doesn't have the name and address of the applicant on each sheet of the awards application. This to protect you, and to help me. Just remember, please put your names on the awards application. Until next time,

Dan Henderson
Dan Henderson

FOR SALE: R390/URR receiver in good condition with manual. Price \$250.00. No shi-ping, but I will deliver anywhere in San Francisco Bay area or vicinity. Bob Hill, 2447 Alvin Street, Mountain View, CA 94043. Phone (415) 969-2122 evenings and weekends; (415) 361-4126 for office.

FOR SALE: Grudnig Satellite 210 purchased in 1972, \$100.00. Panasonic RF-5000, repaired last year and working well, \$130.00. Sony ICF-5900 in mint condition, \$100.00. I will pay postage. Items will be shipped as soon as money is received. Dzever Ishenge, Apt. 2, 611 West Walnut Street, Johnson City, TN 37601.

FOR SALE: Hallicrafters SX-122. Price \$130.00. Palomar LW converter. Price \$50.00. P. Schoon, Elm Court Apt. D-301, Pottstown, PA 19464. Phone (215) 323-4056.

FOR SALE: DX-160 in original carton with speaker and manual. Good shape. Must sell. Price \$55.00, but open to offers. Craig Marshall, 3225 Poppleton, Omaha, NE 68105. Phone (402) 341-3466.

FOR SALE: Hammarlund HQ-180A in mint condition with speaker. In original carton. Price \$475.00. Phil Bernacke, 6 Plains Court, Huntington, NY. Phone (516) 271-4991.

NOTICE: Rob Harrington, NA Representative for the International Listening Guide, writes that because of an adjustment in the exchange rates the price of the ILG has risen as follows: Sample copy in US dollars = \$1.45 and in Canadian dollars \$2.00 or \$2.25 in Canadian check or money order. Subscriptions are US \$4.90 and Canadian \$6.00 or \$6.25 if in Canadian check or money order. Contact Rob at P.O. Box 3434, Littleton, CO 80161.

QSL REPORT

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



- ALBANIA:** Radio Tirana 7120 f/d "Revolutionary" cd. in 30 ds. (Boone-TX). ANT
- ANTARCTICA:** Radio Nacional Arcangel San Gabriel LRA36 15476 f/d cd. w/ personal
* ltr. in 3 mo. for a SP rpt. and 3 IRCs. (Santosuosso-FL). same in 2½ mo. for a SP rpt. & photo. v/s Jose Bilbao Richter, Teniente Coronel. (Herkimer-NY). in 2½ mo. (Huniwell-NJ).
- ANGOLA:** Radio Nacional de Angola 4820 via Luanda ltr. in 28 ds. for a PT rpt. v/s Miguel
* Bras. Sent 2 IRCs. (Geraghty-UK). Voice of Namibia 11955 ltr. in 34 ds. for an EG rpt. & \$1.00! (Hardester-CA). same in 34 ds. (Sheedy-CA). 9553 ltr. in 2 mo. for a PT rpt. and ms. v/s Sackey J. Namugongo. (Witte-CA).
- ARGENTINA:** RAE 11710 p/d cd. in 2 mo. (Matthews-OH). same in 38 ds. for 2 IRCs. (Stephany-NY)
ARMENIAN SSR: Radio Yerevan 17870 f/d plain white cd. in 1 yr (!) for an EG rpt. (Hartsell-CA)
- ASIATIC RUSSIA:** Radio Moscow via Omsk on 17765 f/d "Flame" cd. in 63 ds. (Rigas-IL). 15240
via Nikolaevsk-on-Amur f/d "Ostankino Tower" cd. in 102 ds. (Rigas-IL). via Khabarovsk on
12050 f/d cd. in 38 ds. (Levine-CA). "Moscow at Night" cd. in 102 ds. (Rigas-IL). 17870
f/d "Red Square" cd. in 102 ds. (Rigas-IL). via Petropavlovsk-Kamchatsky on 21530 f/d cd.
in 42 ds. (Stephany-NY). 15140 f/d cd. in 102 ds. (Rigas-IL). 7440 via Kenga f/d "Tower"
cd. in 78 ds. (Rigas-IL). 21740 via Chita f/d cd. in 2 mo. (O'Riordan-ID). 9580 via Blag-
oveschensk f/d "50th Anniversary" cd. in 102 ds. (Rigas-IL).
- AUSTRALIA:** Radio Australia 15320 and 17795 via Shepparton f/d "Fairy
Penguins" cd. in 28 ds. v/s Peter Barnett, Director of Overseas
Services. (Whalen-FL). 21740 via Shepparton f/d "Kookaburras" cd.
in 14 ds. for 1 IRC. (Stephany-NY). VLW9 9610 via Wanneroo f/d
"Map/Logo" cd. in 18 ds. (Tekulve-OH). same in 16 ds. for ms.
v/s Shirley Lier. (Reinstein-FL). VNG 12000 f/d "Telecom Australia
Folder" cd. in 36 ds. for 1 IRC. v/s Dean Niven. (Stephany-NY).
7500 and 12000 f/d "Melbourne from Nauru House" cd. in 18 ds.
(George-NC). Radio Australia via Lyndhurst on 5995 f/d "Penguins"
cd. in 16 wks. (Wilkins-CO). (Clifford-FRG).
- AUSTRIA:** ORF 6155 f/d "Lovers - Contemporary Art" cd. in 48 ds.
- AZAD KASHMIR:** Azad Kashmir Radio 6275 via Muzaffarabad f/d personal
* ltr. in 1 mo. for 2 IRCs. and an EG rpt. Arrived via registered
mail. v/s M. Sajjad Ali Siddiqui, Engineering Manager. (Lazarus).
- BALI AND LESSER SUNDA ISLANDS:** RRI Singaraja 3398 prepared cd. in
* 3 wks. for an IN rpt. (after f/u) and ms. v/s
* Oedroso Bastain. (Sparks-CA). RPDT2 Ngada 2904
IN ltr. rcvd. in 3 wks. for an IN rpt. on three
different receptions. m/s sent. v/s Daoed El Bara
Kepala. Addr: Boulevard Bajawa, Ngada, Nusa Tenggara Timur. (Sparks-CA)...Thank you!
- BANGLADESH:** Radio Bangladesh n/d cd. w/ f/d ltr. in 118 ds. (Warner-UK).
- BELGIUM:** BRT 11695 f/d ltr. in 19 ds. (Stephany-NY). 21810 and 21525 form ltr. in 5 wks.
(Barto-CT). 9870 "Shrine of S. Ursule" cd. in 26 ds. (Tekulve-OH).
- BELIZE:** Radio Belize 3285 f/d "Map" cd. in 27 ds. for 2 IRCs. v/s L.S. Abraham, Chief
Broadcasting Officer. (Whalen-FL).
- BIAFRA (Nigeria):** FRCN 6025 via Enugu ltr. w/ sked. in 206 ds. v/s P.A.O. Orogbu, Assistant
Chief Engineer. (Warner-UK).
- BOLIVIA:** Radio Abaroa 4730 f/d cd. and ltr. in 1 mo. for a SP rpt. and ms. v/s Rolman Med-
* ina M. (Forth-IL). Radio Panamerica 6105 f/d cd. w/ ltr. in 3 wks. for a SP rpt. and ms.
cd. w/ ltr. in 3 mo. for a SP rpt. and 2 IRCs.
v/s Daniel Sanchez Rocha. (Forth-IL). f/d
(O'Riordan-ID). Radio Illimani 6025 ltr. w/ tourist package in 91 ds. for a SP rpt. and
1 IRC. v/s Mario Ortiz Ortiz. (Geraghty-UK). in
76 ds. for a SP rpt. and 2 IRCs. (Eastman-TX).
- BONAIRE:** Radio Nederland 21685 f/d "Country Inn"
cd. in 25 ds. (Stephany-NY). same for 9590 in
19 ds. (Forman-NY). Trans World Radio 9755 f/d
"Redemption" cd. w/ sticker in 78 ds. for 1 IRC
v/s J.F. Shipper. (name).
- BRASIL:** RadioBras 17830 "Skyline" cd. in 98 ds.
for an EG rpt. and 2 IRCs. (Reinecker-PA). Radio
Aparecida 6010 f/d cd. in 2 mo. (Barto-CT).
Radio Guaiba 5965 multi-language cd. in 1 mo.
for a PT rpt. v/s Werner Volk, Superintendente.
(Barto-CT).
- BULGARIA:** Radio Sofia 9700 f/d "Pamporovo Resort"
cd. in 116 ds. (Boone-TX).



rne RADIO NACIONAL DE ESPAÑA

TIFC FARO DEL CARIBE

from the collection
of James Herkimer



1075 kc. 6.037 mc. 9.645 mc.



BULGARIA: Radio Sofia 9700 n/d "Happy Spring" cd. in 102 ds. (Whalen-FL). n/d "Slatni Pjassazi" cd. in 59 ds. (Johnson-ID). same in 50 ds. (Stephany-NY). 15135 f/d cd. in 79 ds. (Fordyce-NY). 7115 f/d cd. in 94 ds. (George-NC).

CANADA: CHNX 6130 via Halifax f/d "Ocean Playground" cd. in 16 ds. Stickers rcvd. (George-NC). same in 12 ds. for 1 IRC. (Briscoe-IN). f/d cd. in 250 ds. for 1 IRC. (Warner-UK). CHU 3330 "Sir Francis Fleming" cd. in 24 ds. (Roser-PA). Radio Canada International 5960 fill-in "IYDP" cd. in 74 ds. w/ pennant & sticker. (Mazur-PA). CFCX 6005 green "Montreal Skyline" cd. in 22 ds. (Schlaugat-WI). CKFX 6080 via Vancouver f/d "Super Country" cd. in 54 ds. 10 watts! v/s Tricia Rattenbury. (Sgrulletta-NY). same in 15 ds. (Schlaugat-WI). CFRX 6070 f/d "Toronto Skyline" cd. in 10 ds. v/s Clive Eastwood. (Stephany-NY). "Marine Mobile" cd. in 19 ds. for 1 IRC. (Purdum-MI). cd. in 20 ds.

CANARY ISLANDS: Radio Exterior de Espana 15365 via Tenerife (Levine-CA). f/d "Greco Painting" cd. in 1 mo. for 1 IRC. (Choroszy-ME).

CELEBES: RRI Ternate 3345 form ltr. in 9 wks. after a f/u rpt. in IN v/s * Rusdy Bachmid. (Wilkins-CO).

CHILE: Radio Agricultura 9630 p/d verie statement typed on a pennant. in 3 wks. for a SP rpt. and 2 IRCs. (Forth-IL).

CHINA: Radio Peking 15120 "Fragrant Hills Park" cd. w/ "Great Wall" pennant in 23 ds. (Stephany-NY). same in 1 mo. w/ pennant. (Sgrulletta-NY).

same in 33 ds. w/ 2 pennants for 3 IRCs. (Christopher-NJ). 9820 "Army Girl" cd. in 24 ds. Also rcvd. 3 tags w/ stuffed toys on them and a pennant. (Tekulve-OH). f/d "Great Wall" * cd. w/ "Panda" pennant in 28 ds. (Choroszy-ME). 9860 f/d cd. in 37 ds. (Warner-UK). Hubei * PBS 3940 via Wuhan f/d cd. via Peking w/ pennant in 37 ds. (Warner-UK). Guizhou PBS 3260 * via Guyang f/d cd. w/ pennant via Peking in 37 ds. (Warner-UK). Liaoning PBS 4830 via * Shenyang f/d cd. via Peking in 34 ds. (Warner-UK). Hunan PBS 4990 via Changsha f/d cd. via Peking in 37 ds. (Warner-UK). same w/ pocket calendar in 3 wks. for an EG/Mongolian * rpt. Rcvd. direct from station. (Wilkins-CO). Guanxi-2 PBS 5010 via Nanning f/d cd. via * Peking in 37 ds. (Warner-UK). Jiangxi PBS 5020 via Nanchang f/d cd. via Peking in 37 ds. * (Warner-UK). Sichuan PBS 5900 via Chengdu f/d cd. via Peking in 37 ds. (Warner-UK). 3245 * "Summer Palace" cd. via Peking in 46 ds. (Geraghty-UK). Xinjiang PBS 4735 via Urumqi f/d "Steel Factory" cd. in 21 ds. via Peking. (Reinstein-FL).

COSTA RICA: Radio Casino 5954 f/d cd. w/ pennant in 203 ds. for an EG rpt. and 2 IRCs. (Warner-UK). same in 45 ds. for ms. (Choroszy-ME). same in 15 wks. for a SP rpt. and 1 IRC. Pennant rcvd. (Wilkins-CO). Radio Nacional 6035 n/d personal ltr. w/ sticker in 4 mo. for a SP rpt. and ms. v/s Haydee Stirbu V., Directora. (Lazarus-LA). Radio Rumbo 6078 f/d ltr and cd. in 5 wks. for a SP rpt. and 2 IRCs. (Neumann-AZ). f/d sticker cd. in 13 mo. for a SP rpt. and ms. (Forth-IL). 6075 f/d sticker cd. in 2 mo. (Barto-CT). same in 395 ds. (Rig-

CUBA: Radio Habana Cuba 9525 f/d cd. in 158 ds. (Hahn-CA). 11760 f/d cd. in 215 ds. as-IL) (Fordyce-NY). same in 273 ds. (Sarkisian-MI). 15155 f/d cd. in 199 ds. (Warner-UK). 11930 p/d "Deauville Hotel" cd. in 6 mo. (Kimmell-ONT). Radio Moscow 11840 and 11860 via Habana f/d cd. in 40 ds. (Tekulve-OH).

CYPRUS: BBC 6180 p/d ltr. direct from station in 19 ds. (Fordyce) Cyprus Broadcasting Corp. 6155 f/d "Venus" cd. in 35 ds. for ms. (Reinstein-FL).

CZECHOSLOVAKIA: Radio Prague 7345 f/d cd. in 103 ds. (George-NC). f/d "Building/Logo" cd. in 73 ds. (Tekulve-OH). 11990 f/d "Castle" cd. in 112 ds. (Whalen-

* FL). OLB5 3170 p/d "OMA Logo" cd. in 23 ds. (George-NC).

DENMARK: Radio Denmark 15165 f/d cd. in 31 ds. for 2 IRCs. (George-NC). Sunrise Radio 11416 f/d cd. ltr. in 75 ds. for 3 IRCs. (Warner-UK).

DODECANESE ISLANDS: VOA 6015 via Rhodes f/d cd. in 11 ds. (Stephany-NY). same in 17 ds. (Hundwell-NJ).

DOMINICAN REPUBLIC: Radio Clarin * 4850 f/d "Map" cd. in only 7 yrs! My fourth f/u was actually a visit to the station! (Mitchell-IN).

British East Mediterranean Relay Station

P.O. Box 219 Limassol

Cyprus

from the collection of
James Fordyce

Dear *James*

Many thanks for your Dx-report of 11th February.

The programme contents you described were correct for our transmission on 6180 kHz and I have forwarded your report to the BBC, Bush House, London.

The transmission you listened to was carried by a Marconi BD 253 100 KW transmitter and a 2 x 2 aerial array with reflector on a bearing of 328 degrees.

I wish you successful Dx-ing.

Yours sincerely

Myru Anisboudidou
EIC SECRETARY

H R Lemmon
Engineer in Charge

RADIO "GRIGOTA"

DOMINICAN REPUBLIC: Radio TV Dominicana 9505 f/d ltr. w/ * stickers in 7 yrs after a visit to the station (Mitchell)
Ecuador: HCJB 9745 f/d "Hibiscus" cd. in 46 ds. for a rpt. via the FL address. (Stephany-NY). same in 40 ds. for 2 IRCs. (Connell-CA). 11915 same cd. w/ sticker and pennant in 68 ds. (Tekulve-OH). 15155 "50th Anniversary" cd. in 77 ds. (Tekulve-OH). 9745, 17875, 21477.5 and 21480 4 diff. * cds. in 3 mo. (Brouillette-MI). **Radio Cultural Antena Libre** 3240 personal ltr. w/ EG note in 33 ds. for a SP rpt. and ms. v/s Luis E. Velasco Leon, Gerente (Howard-CA).
EGYPT: Radio Cairo 9475 f/d "Mosque" cd. in 127 ds. for 1 IRC. (Luke-OH). 12000 f/d "Memorial QSL of Sadat" cd. in 181 ds. for 1 IRC. v/s Mayda Shafick, Supervisor in Charge (Briscoe-IN).

ENGLAND: VOA 6040 via Woofferton f/d cd. in 10 ds. (George-NC). same in 17 ds. (Luke-OH). 9565 cd. in 25 ds. (Rigas-IL). 7200 f/d cd. in 9 ds. (Stephany-NY). BBC 6120 n/d cd. in 126 ds. for 2 IRCs. (Clearman-WA). * Radio England 6302 LEF in 122 ds. for SASE, Addr: W.B. 240, P.O. Box 34, Derby. (Darling-

We thank you for your report on the reception of our transmission from

LANCERS GAP (4800) 100K via Jim Davis

Date: 2/2/81

Time: 9.00 - 9.30 G.M.T.

6.00 - 6.30 Local

Frequency - 333 meters

899 kHz

4800 RHz 60 M

LESOTHO NATIONAL BROADCASTING SERVICE

TGNA

We thank you for your reception report of an experimental single sideband broadcast transmission from a 30 kW PEP transmitter at the short wave broadcasting station Hoerby

New site: Varberg 100 kW PEP

Date: 1978-03-08

Time: 18.00-18.10 GMT

Frequency: 17785 kHz

Swedish Telecommunications Administration
 Radio Department
 Broadcasting division
 S-12386 FARSTA SWEDEN

* UK. Radio Father Christmas 6200 ltr. in 11 ds. from Box 943, 190 Monument Rd., Edgbaston, Birmingham 16, (Darling-UK). same in 67 ds. for ms. (Warner-UK). **Rock City Radio** 6200 f/d form ltr. in 19 ds. (Warner-UK). * **Atlantis Shortwave** 6225 cd. & ltr. in 12 ds. (Warner-UK). prepared cd. in 10 ds. v/s Nick Thomas, DJ. (Geraghty-UK). * **Britain Radio** 6225 cd, ltr. & stickers in 106 ds. (Warner-UK). * **Skyport Radio** 6260 cd, stickers, ltr. in 16 ds. for ms. (Warner-UK). **Radio Corsair** 6261 cd. w/ ltr. in 14 ds. * for ms. (Warner-UK). **Radio Apollo** 6264 cd. w/ ltr. in 22 ds. for ms. (Warner-UK). same in 15 ds. for ms. v/s Dave Scott, DJ/Station Manager. (Geraghty-UK). **ZOE Tristan Radio North** 6264 f/d ltr. for a phoned rpt. in 4 ds. v/s Joshua Upuflu, Program Controller. Letter says the station is a member of the "DXers Against Radio Botswana Campaign" (Warner-UK)...with this I'm all set for Montreal in July...Sam. **Radio Venus** 6300 ltr. in 9 ds. for ms. (Warner-UK). **Radio Stoke Poges** 6315 personal ltr. in 27 ds. (Warner-UK)...Is this the station with the promo * undies???...Sam. **Castle Sound Radio** 6298 ltr. in 32 ds.

for ms. v/s Paul Rowlands, DJ. (Geraghty-UK). **Radio Caroline International** 6310 ltr. in 4 ds. v/s Freddie Archer, DJ. (Geraghty-UK).

ESTONIAN SSR: Radio Tallinn 6085 f/d cd. w/ pocket calendar in 44 ds. (Warner-UK).

EUROPEAN RUSSIA: Radio Moscow via Orenburg on 6090 f/d cd. in 5 mo. (Matthews-OH). via

Kursk on 17860 f/d cd. in 6 wks. (Matthews-OH). same in 78 ds. (Warner-UK). via Kingisepp

on 9515 f/d cd. in 78 ds. (Rigas-IL). via Serpukhov on 15185 f/d cd. in 78 ds. (Warner-UK). via Zhigulevsk on 15460 f/d cd. in 78 ds. (Warner-UK). 9775 via Michurinsk w/ "Birch Tree" cd. in 63 ds. (Rigas-IL).

HAITI: Radio 4VEH 11835

"Childrens" cd. in 203 ds. (Levine-CA). f/d cd. in 237 ds. for 1 IRC. v/s Mrs. Edna Beachy. (Fordyce-NY). in 35 ds. for 1 IRC. v/s Jean Van Desont, QSL Mgr. (Geraghty-UK).

HOLLAND: Radio Nederland 17605 via Lopik

f/d "Authentic Costumes" cd. in 22 ds. (George-NC).

CARTE POSTALE

Nous avons le plaisir de confirmer votre rapport

d'écoute de A3 - A - A380

de 0607 heures G.M.T. à 0650

Notre station émet aux heures G.M.T.

Lundi 05.30/06.30 - 11.00/11.00 - 17.00/17.00

Mardi " " " " " "

Mercredi " " " " " "

Jeudi " " " " " "

Vendredi " " " " " "

Samedi 05.30/06.30 - 11.00/11.00

Dimanche 05.11/06.05

FREQUENCES

3260 kHz

5020 kHz

9705 kHz

UTILISATIONS

05.30/06.30

17.00/17.00

11.00/11.00

Langues employées: Français et, v/s, anglais



M Niel Wolfish

15 Downsview Drive

Scarborough, Ontario

Canada M4N 2X4



Radio "Centro Guayaquil"

LA VOZ DEL JARDIN AZUAYO
HCKDS - 3.515 KCLS. - 85 MTS.

HOLLAND: Radio 49 via KBC

* 6222.7 f/d ltr. in 6 ds.

* for ms. (Warner-UK). Radio

Quadro via Radio Gerona

6234 f/d cd. w/ ltr. in 25

ds. for 2 IRCs. (Warner-UK).

* Radio Coral Fisher 7235 f/d

pirate ship cd. in 87 ds.

for a DT rpt. and 2 IRCs.

Sticker rcvd. (Clifford-FRG)

HONDURAS: HRVC 4820 p/d cd. in

2 wks. for an EG rpt. and

ms. v/s Cindy L. Maradiaga

(Wilkins-CO). same in 24 ds

for 1 IRC. (Purdum-MI). La

Voz de la Mosquitia 4910 f/d cd. w/ ltr. and pennant in 5 wks. for an EG rpt. and ms.

v/s Landon Wilkerson. (Sparks-CA). same in 28 ds. for a SP rpt. and 3 IRCs. (Whalen-FL).

f/d cd. in 35 ds. w/ pennant. (Sarkisian-MI).

HUNGARY: Radio Budapest 9835 f/d "Logo" cd. in 63 ds. (Purdum-MI). same in 23 ds. (Stephany-NY). in 24 ds. w/ pennant. (Tekulve-OH). f/d cd. in @ 2 mo. (Connell-CA).

Its not that I don't like the letters F and G but after typing all those English pirate stations I started on the letter H.....Please forgive me - I'm new at this...Sam.

FEDERAL REPUBLIC OF GERMANY: Deutsche Welle 9590 n/d "Logo" cd. in 34 ds. (Mazur-PA). 9690 cd. in 67 ds. (Brouillette-MI). Sudwestfunk 7265 via Rohrdorf cd. in 22 ds. for 1 IRC. (Warner-UK). Bayerischer Rundfunk 6085 p/d cd. in 5 wks. (Howard-CA). same in 1 mo. for 2 IRCs. (Forth-IL). Suddeutscher Rundfunk 6030 cd. in 5 wks. for 2 IRCs. (Forth-IL). Radio Free Europe 11825 p/d "Map" cd. in 21 ds. for 3 IRCs. (Christopher-NJ). 17835 f/d cd. in

* 13 ds. (Sarkisian-MI). 6970 via Holzkirchen "Map" cd. in 6 wks. (Barto-CT). Radio Concorde 7290 cd. w/ ltr. in 31 ds. v/s Chris Rogers...actually this was relayed by Radio Hotel (Stephany-NY).

* Amigo in Holland. (Geraghty-UK).
FINLAND: Radio Finland 21475 n/d "Finnish Folk Tradition" cd. in 44 ds. v/s Urea Fvoo.

FRANCE: Radio France International 17860 "Anniversary" cd. in 20 ds. w/ sticker. (Tekulve-OH) same w/ pennant in 21 ds. for 3 IRCs. (Christopher-NJ). "Center of Natural Art" cd. in 91 ds. (Tekulve-OH). f/d cd. in 53 ds. (Hahn-CA). 15200 f/d cd. w/ stickers in 17 ds. (Stephany-NY). 21620 and 21580 f/d "Maison de Radio France" cd. in 47 ds. (George-NC).

FRENCH GUYANA: FR3 5055 f/d "Map" cd. in 23 ds. w/ sticker for an EG rpt. (Rigas-IL).
GABON: Radio France International 15435 via Moyabi "Anniversary" cd. in 45 ds. (Levine-CA).

GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International 21465 "RBI DX Club" cd. in 27 ds.
GREECE: Voice of Greece 9515 f/d "Ydra Island" cd. in 128 ds. (Whalen-FL). (Tekulve-OH). "Poros Island" cd. in 65 ds. (Whalen-FL). 9865 same f/d cd. in 47 ds. for 1 IRC. (Reinstein-FL). VOA 11760 via Kavala f/d cd. in 10 ds. (George-NC). cd. in 19 ds. (Stephany-NY).

GREENLAND: Gronlands Radio 3999 f/d folder cd. in 88 ds. v/s T.S. Mikkelsen, Technical Director. (Warner-UK).

GRENADA: Radio Free Grenada 15105 prepared form ltr.

* in 24 ds. v/s Lew Smith, Program Director. (Clifford-FRG). 15045 prepared cd. in 17 ds. for 1 IRC from Jerome B. Pillow, Audience Response. (Warner-UK). prepared cd. from the above v/s in 35 ds. for 1 IRC. (Geraghty-UK)...A prepared cd. is a must for a QSL.

GUAM: KIWR Trans World Radio 11840 "Antenna Farm" cd. in 11 ds. v/s Debbie Blosser. Pennant and stickers rcvd. (Tekulve-OH).

GUATEMALA: Radio Tezulutlan 4835 f/d "Mayan Religious Procession" cd. in 3 wks. for a SP rpt. & ms. (Wilkins-CO).



La Voz de Occidente

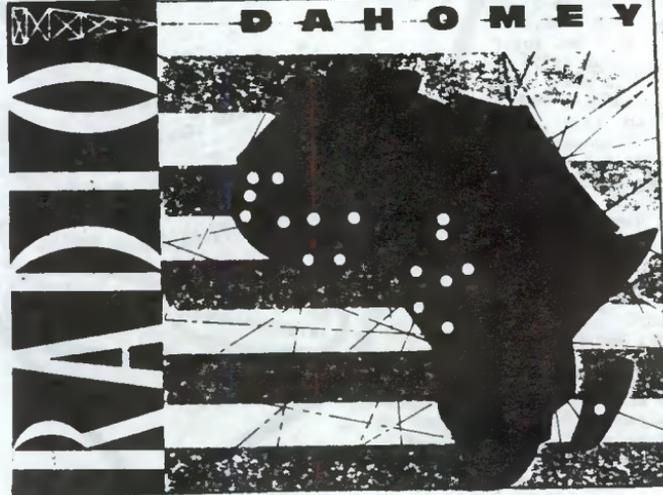
710 KC. ONDA LARGA - SANTA ROSA DE COPAN - SANTA ROSA DE COPAN - HONDURAS C.A.

Santa Rosa de Copan, 24 de agosto de 1977
Mr. Terry L. Krueger
c/o South Winter Park Drive
Casselberry, Florida 32707
U.S.A.

Por medio de la presente estamos acusando recibo de su atenta carta-reporte, fecha 6 de agosto del corriente que pasamos a verificar.

Efectivamente el detalle de su amable sintonia que ha tenido la gentileza de reportarnos es correcta, y corresponde al programa de la Voz de Occidente del día 5 de agosto del corriente año, captada en nuestra frecuencia de 5960 Kc. onda corta.-La Voz de Occidente transmite además en 710 KHz onda media con 5000 wata, en 97.7 mhz P.M y en 50.3a Mtros con 1000 wata para onda corta con un transmisor Colinas 20 V.-

Desde Santa Rosa de Copan, cuna de la antigua Civilización Maya, va con nuestro saludo el agradecimiento muy sincero por su amable reporte.



GUATEMALA: Radio Chortis 3380 p/d ltr. w/ pennant on the reverse side in 16 ds. for a SP rpt. and ms. v/s Juan Maria Khrouet, Executive Director. (Reinstein-FL) in 5 wks. for a SP rpt. & ms. (Forth-IL), Union Radio TGMUA 5980 p/d ltr. in 36 ds. for an EG rpt. and 2 IRCs. v/s Albino Ixcot, Manager. (Connell-CA), p/d ltr. in 3 mo. w/ pennant. for a taped rpt. and 3 IRCs. (Matthews-OH).

His Majesty's Government
Department of Broadcasting
RADIO NEPAL

Many thanks for your reception report.
I am pleased to confirm that your report was correct.

Date of reception... 13 Dec 1980
Frequency ... 9590 kHz (7% 31mb)
Time ... 11.47 Z ... 12.28 GMT

Yours sincerely
for B. Shrestha
(K. B. Khatri, C. Eng.
Chief Engineer

a rare beauty sent to us by
Chris Lobdell

ICELAND: ISBS 13797 f/d cd. in 68 ds. for 1 IRC. (Hardester-CA). f/d "Thingvellir" cd. in 36 ds. for 3 IRCs. (Hensley-TX). in 31 ds. for 2 IRCs. (Levine-CA). in 70 ds. (Witte-CA).

INDIA: All India Radio 9525 via Madras f/d cd. in 7 wks. for ms. v/s B.R. Chalapatukao, * Audience Research Officer. (Howard-CA). AIR 3355 via Kurseong ltr. in 33 ds. for 1 IRC. * v/s V.P. Mangla, Assistant Station Engineer. (Warner-UK). AIR 4800 via Hyderabad cd. in 50 ds. (Warner-UK).

IRAN: Voice of the Islamic Republic of Iran 15084 "War" cd. in 89 ds. (Levine-CA). 9022 same cd. in 82 ds. w/ personal note. (George-NC).

IRELAND: South Dublin Radio 6240 f/d form cd. in 1 mo. for 2 IRCs. 1000watts. v/s Phil Dixon (Wallace-MA). f/d cd. in 52 ds. for ms. (Sarkisian-MI). Radio Dublin International 6910 f/d "Map" cd. in 131 ds. for a tape and ms. 400 watts. v/s Angela Leonard. (Sgrulletta- * NY). Westside Radio 6280 f/d "Map" cd. in 86 ds. for 2 IRCs. v/s Prince Terry, DJ/Opera- * tor. (Fisher-MA). Suirside Radio 6230 and 6234 ltr. and stickers for two separate recep- * tions in @ 1 mo. v/s Dave Hunt, Chief Engineer. QRP on this only 15 watts! (Bares-CT).

ISRAEL: IBA 9815 f/d "Jerusalem" cd. in 40 ds. (Mazur-PA). 11640 same cd. in 49 ds. (Forman- * ITALY: RAI 11800 f/d "St. Teresa Sculpture" cd. in 100 ds. (Boone-TX). f/d "Venere NY). Dormiente" cd. in 97 ds. (George-NC). same in 123 ds. (Eastman-TX).

* Italian Broadcasting Corporation 7360 rcvd. special cd. for reception of 4/81 transmission w/ Radio Uno in 275 ds. (Darling-UK).

JAPAN: NSB 6055 f/d cd. in 5 wks. for 1 IRC. (Mitchell-IN). 9595 f/d "Schoolgirl" cd. in 24 ds. for ms. (George-NC). NSB (Radio Tanna) 3925 f/d cd. in 29 ds. for 2 IRCs. (Warner-UK). same in 23 ds. for 1 IRC. (Geraghty-UK). JJJ 10000 cd. in 59 ds. for 1 IRC. (Geraghty-UK). Far East Network 3910 p/d blue and white "Logo" cd. in 112 ds. (John- * son-ID). same in 1 mo. (Neumann-AZ).

* NHK 6130 via Kumamoto f/d cd. in 5 wks. * for 2 IRCs. (Neumann-AZ). NHK 3607.5 via Tokyo-Kawaguchi f/d cd. in 1 mo. for 2 IRCs. (Neumann-AZ). Radio Japan 17755 p/d "Sanzen-in Temple" cd. in 2 wks. (Wilkins- * CO). cd. in 39 ds. (Tekulve-OH). 17825 "Pagoda and Sarusawa Lake" cd. in 27 ds. (Tek- * ulve-OH). cd. in 19 ds. (Stephany-NY).

JAVA: RRI 4932 via Surakarta f/d ltr. in 3 wks. * for IN rpt. and ms. (Neumann-AZ). RRI 3381 via Malang IN ltr. rcvd. in 3 wks. for IN rpt. and ms. v/s Joost Usmany. (Sparks-CA).

* RRI 3286 via Madiun ltr. w/ photo of family in @ 1 mo. for an IN rpt. and ms. v/s Eko Budi Sutoyo (YC3MU), Teknik Pemancar. (Sparks-CA).

KHIRGIZ SSR: Radio Moscow via Frunze on 15510 f/d cd. in 78 ds. (Warner-UK).

KOREA, PEOPLES REPUBLIC OF: Radio Pyongyang 9977 f/d cd. in 91 ds. (Buer-FL).

KOREA, REPUBLIC OF: Radio Korea 9570 f/d "Rich Harvest from the Sea" cd. in 5 wks. Pennant rcvd. (Wilkins-CO). 9720 same cd. in 5 wks. (Lobdell-MA). f/d "Mask" cd. in 26 ds. (Rigas-IL). same cd. in 64 ds. (Stephany-NY).

KUWAIT: Radio Kuwait 15495 folder cd. in 31 ds. (Levine-CA). 11675 f/d cd. in 31 ds. (Stephany-NY). same in 65 ds. for 1 IRC. (Luke-OH).



LEBANON: Radio Voice of Lebanon 6550 f/d ltr. in 156 ds. for 2 IRCs. v/s Joseph El-Hashem. (Florian-IL). King of Hope 6215 f/d "Logo" cd. in 12 ds. for a rpt. to Van Nuys, CA. v/s Don Otis. Stickers rcvd. (Reinstein-FL). Radio Lebanon 11980 cd. via registered mail in 375 ds. (Darling-UK). First time for all three!!!

LESOTHO: LNBS 4800 f/d "Flag" cd. in 40 ds. for 2 IRCs. (Reinstein-FL). same in 42 ds. for 2 IRCs. (Florian-IL).

LIBERIA: VOA 21660 via Monrovia f/d cd. in 7 ds. (George-NC). 15185 cd. in 11 ds. (Fordyce-NC). 15475 and 15445 f/d cd. in 19 ds. (Briscoe-IN).

LITHUANIAN SSR: Radio Vilnius 12060 p/d cd. in 130 ds. (Kimmell-ONT).

LUXEMBOURG: Radio Luxembourg 6090 f/d cd. in 71 ds. (Sarkisian-MI).

MALAGASY REPUBLIC: Radio Nederland 15220 f/d "Interior of a Country Inn" cd. in 18 ds. (Reinstein-FL). same in 18 ds. w/ sticker. (Purdum-MI). f/d cd. in 23 ds. (Sarkisian-MI). same in 67 ds. (Manning-TX). same cd. in 24 ds. (George-NC).

MALAYSIA: Radio TV Malaysia 7295 via Penang f/d "Drum and Bowl" cd. in 20 ds. for 1 IRC. (Florian-IL).

MALTA: Xandir Malta 9670 f/d form ltr. in 106 ds. v/s Victor Aquilina, Head of Radio Programs. (George-NC). same in 218 ds. (Fordyce-NY).

MANCHURIA: Heilongjiang PBS 4750 via Hailar f/d "Steel Factory" cd. via Peking in 29 ds.

MEXICO: Radio Mexico XERMX 5985 f/d B&W cd. in 61 ds. for an EG rpt. and 1 (Reinstein-FL) * IRC. (Buer-FL). 15430 f/d cd. in 36 ds. (Fordyce-NY). Radio Universidad XEXQ 6045 ltr. in 33 ds. for a SP rpt. and ms. No QSL just a program guide(##*#) (Howard-CA).

MONACO: Trans World Radio 9495 f/d "Building" cd. in 1 mo. for 1 IRC. Pennant rcvd. (Wallace-MA). same w/ pennant in 60 ds. (Tekulve-OH). in 16 ds. for 3 IRCs. (Christopher-NJ).

MONGOLIA: Radio Ulan Bator 6383 f/d folder cd. in 126 ds. (Connell-CA). 12070 p/d "Horseman" cd. in 112 ds. Pennant rcvd. (Kimmell-ONT).

NEW CALEDONIA: FR3 7170 p/d form ltr. in 63 ds. for an EG rpt. and 2 IRCs. (Eastman-TX).

NEW ZEALAND: Radio New Zealand 15485 f/d "Native Sculpture" cd. in 3½ wks. for 3 IRCs. v/s Rudi Bell. Station now requests 4 IRCs for a reply. (Wallace-MA). 15485 and 17705 f/d cd. in 12 ds. (Hughes-CA)... Good luck with your summer trip... Sam.

NICARAGUA: La Voz de Nicaragua 5950 n/d form ltr. in 69 ds. for a SP rpt. and 1 IRC. v/s Rodolfo Garioa. Pennant rcvd. (Florian-IL).

NIGERIA: Voice of Nigeria 11770 f/d "Arcade" cd. in 171 ds. for 1 IRC. (Luke-OH). same in 23 wks. (Wilkins-CO). 15120 cd. in 285 ds. (Geraghty-UK). 7255 same f/d cd. in 7 mo. w/ program booklet (James Herkimer-NY).

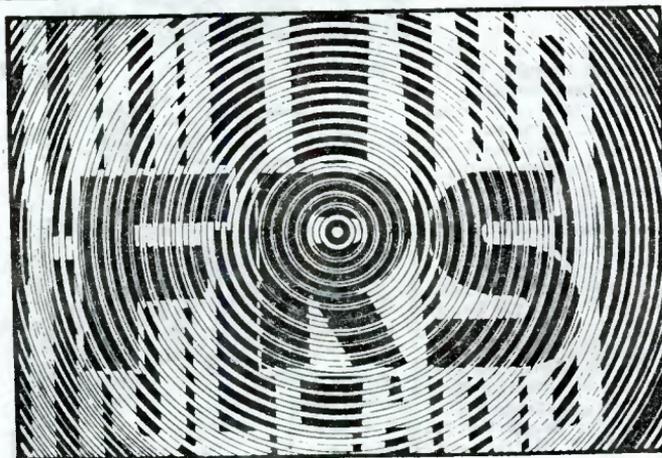
PAKISTAN: Radio Pakistan 5009 via Rawalpindi p/d cd. w/ ltr. in 5 wks. v/s Malik Ali Chaudhary. (Howard-CA). 4710 via Quetta p/d ltr. in 1 mo. for ms. v/s M.H. Qureshi, Senior * Broadcast Engineer. (Howard-CA). 5095 via Islamabad p/d personal ltr. via Peshawar in 3 wks. for ms. v/s Yar Mohammad Khan. (Howard-CA).

PAPUA NEW GUINEA: Radio Madang 3260 f/d "Map" cd. for 2 IRCs. (Florian-IL). Radio East Sepik

3335 f/d cd. in 3 wks via Boroko for ms. (Howard-CA). same in 4 mo. v/s Paul Kafafi, Assistant Station Manager. (Huniwell-NJ). NEC 4890 via Port Moresby f/d "Map" cd. in 41 ds. (George-NC).

PARAGUAY: Radio Nacional p/d registered ltr. in 38 ds. for a SP rpt. v/s Carlos Tomas Montaner. (Rigas-IL). 11914 p/d ltr. in 5 wks. for a SP rpt. & 2 IRCs. (Neumann-AZ). in 5 wks. for a SP rpt. and ms. (Herkimer-NY).

QSL COLUMN REPORT FORMS ARE AVAILABLE FROM YOUR EDITOR FOR AN SASE.



FREE RADIO ON SHORTWAVE FROM HOLLAND TO EUROPE

PERU: Radio Atlantida 4790 p/d ltr. in 52 ds. for a SP rpt. and ms. v/s Ivan Tenorio Matute, Administrador. (Hardester-CA). **Radio Rioja** 5045 ltr. w/ beautiful pennant in 7 wks. for a SP rpt. and ms. v/s Teofilo Juan Mori Mendoza, Director. (Sparks-CA).

PHILIPPINES: VOA 15425 via Tinang cd. in 15 ds. (Geraghty-UK). 15155 f/d cd. in 16 ds. (Brouillette-MI). 9545 cd. in 25 ds. (Rigas-IL).

PORTUGAL: Radio Free Europe 15115 "Map" cd. in 25 ds. (Stephany-NY). 21720 via Gloria p/d "Map" cd. in 31 ds. for ms. (George-NC). **Radio Portugal** 17880 f/d "1882 Telephone" cd. in 32 ds. for 1 IRC. (Johnson-ID). 6100 same cd. in 39 ds. for 1 IRC. (Luke-OH). 11925 cd. in 36 ds. (Roser) **PAKISTAN BROADCASTING CORPORATION** Radio Japan 15405 via Sines "Doll" cd. in 31 ds. (Geraghty-UK).

ROMANIA: Radio Bucharest 11940 f/d "Galati Harbor" cd. w/ orange pennant in 90 ds. (Boone-TX). 9570 same cd. w/ pennant in 75 ds. (Tekulve-OH). 6155 "Piatra Neamt in Moldavia" cd. in 6 wks. (Matthews-OH). 9510 f/d "Vidraru Dam" cd. in 6 wks. (Matthews-OH).

SABAH: Radio Malaysia 4970 via Kota Kinabalu f/d cd. w/ ltr. in 6 wks. for 3 IRCS. v/s Evelyn Gobile. (Neumann-AZ).

SARAWAK: Radio Malaysia 7270 "Broadcasting House" cd. in 25 ds. for 1 IRC. (Geraghty-UK). 4835 f/d cd. in 1 mo. for 1 IRC. (Witte-CA).

SAUDI ARABIA: BSKSA 11855 n/d form ltr. in 56 ds. v/s Hussein Al-Askari, Director. (Hardester-CA).

SAO TOME: Radio Nacional 4807 f/d form ltr. in 140 ds. for an EG rpt. and 2 IRCS. (Florian). (WA)

SENEGAL: Radio Nacional 11895 n/d ltr. in 30 ds. (Sarkisian-MI).

SOLOMON ISLANDS: SIBC 9545 f/d "Logo" cd. in 20 ds. for a taped rpt. and 2 IRCS. (Clearman-WA). same cd. in 24 ds. (Schlaugat-WI).

SOUTH AFRICA: Radio RSA 9580 f/d "Protea" cd. in 22 ds. (Forman-NY). 17775 same cd. in 21 ds w/ pennant and stickers. (Tekulve-OH). 15325 cd. w/ pennant in 22 ds. (Tekulve-OH). 15325 and 9580 cd. in 19 ds. (Whalen-FL). 25790 same cd. in 25 ds. w/ stickers. (Tekulve-OH). 15325 f/d cd. in 31 ds. (Stephany-NY). same in 78 ds. (Connell-CA).

SRI LANKA: SLBC 15425 f/d "Eight Shrines of Worship" cd. in 19 ds. v/s Reggie Xavier, Frequency Engineer. (Rigas-IL). same in 89 ds. for 1 IRC. (Kimmell-ONT).

SUMATRA: RRI Pekanbaru 5886 ltr. in 2 mo. for an IN rpt. and ms. v/s Zainal Abbas. * (Neumann-AZ). RRI Tanjungkarang 3395 ltr. in IN/EG rcvd. in @ 1 mo. for an IN rpt. and 2 IRCS. v/s Hamdan Spahbeni. (Geraghty)

SPAIN: Radio Exterior de Espana 11880 f/d "El Caballero" cd. in 26 ds. for 3 IRCS. (Christopher-NJ). f/d "Pantocrator" cd. in 31 ds (Stephany-NY). "Museo de Arte" cd. in 40 ds. w/ sticker and pennant. (Tekulve-OH). "El Greco" cd. in 26 ds. (Tekulve-OH).

SURINAM: Radio Apintie 5005 f/d ltr. in 1 mo. for ms. (Forth-IL). f/d ltr. in 52 ds. for 1 IRC & ms. Pennant rcvd...I was the first female DXer to report to them! (Witte-CA). f/d form ltr. w/ pennant in 49 ds. for 2 IRCS. v/s E. Vervuurt, Director. (Boone-TX) 5006 p/d ltr. in 2 wks. (Neumann-AZ).

SWAZILAND: Trans World Radio 3200 and 3240 f/d "Map" folder cd. in 44 ds. v/s J. Olson. (Reinstein-FL). 11740 f/d cd. in 5 wks for 2 IRCS. (O'Riordan-ID). 4760 f/d cd. in 22 ds. (Sarkisian-MI).

SWEDEN: Radio Sweden International 9695 and 11705 f/d cd. in 18 ds. (Whalen-FL). 21615 f/d cd. in 22 ds. w/ pennant. (George-NC).

SWITZERLAND: Swiss Radio International 9725 f/d "Corippo" cd. in 22 ds. (Mazur-PA). 11715 same f/d cd. in 17 ds. (Forman-NY)

H C Z A K
4745 KIC
2000 Vektor
BOYACA 642 Y F. SOLANO
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F. O. BOX 4144
TEL: 307900-307904
GUAYAQUIL - ECUADOR



H C Z A J
1050 KIC
5,000 Vektor

Guayaquil, Junio 13 de 1.979

Señor
Henry R. Lazarus
1313 Dauphine St.
New Orleans, La 70115
U.S.A

De nuestras consideraciones:

Mucha agradeceremos el envío de su magnifico reporte que sin lugar a dudas es de gran importancia para nosotros y a la vez constituye un motivo de satisfacción el contar con un agente como usted fuera de nuestro país.

Esperamos continue escuchándonos y reciba de cada uno de los que hacemos C.H.S. Radiodifusores del Ecuador un fuerte abrazo y cordial saludo.

Atentamente
Donor Radiodifusores del Ecuador
Señor



RADIO BAGHDAD
The Voice Of The
Iraqi Republic
Q. S. I.



TAHITI: Radio Tahiti 11825 f/d cd. in 60 ds. for a FR rpt.
TAIWAN: Voice of Asia 5980 via Kaos- (Sarkisian-MI).
Iung f/d photo cd. in 2 mo. for 2 IRCs. Pennant rcvd.
(Lobdell-MA). Voice of Free China 5980 f/d "Vase" cd.
in 21 ds. w/ key chain, pennant and stickers. (Schlaugat
-WI). 15270 f/d "Art of Chinese Embroidery" cd. in 21
ds. (Johnson-ID). NJ).

TANZANIA: Radio Tanzania 4785 f/d cd. in 15 mo. (Huniwell-
TIBET: Xizang PBS 9490 f/d cd. via Peking in 1 mo. for a
tape rpt. (Sgrulletta-NY). 5935 "Lake" cd. in 1 mo. w/
2 pennants. (O'Riordan-ID).

TURKEY: Voice of Turkey 7215 and 9560 f/d "Bald Ibis" cd.
in 91 ds. w/ pennant. (George-NC). 15125 f/d "Logo" cd.
w/ pennant in 22 ds. (Boone-TX). 7215 "Spoonbill" cd. in
* 46 ds. w/ pennant and sticker. (Tekulve-OH). Turkish
State Meteorological Service 6900 p/d ltr. in 1 mo. for
a tape rpt. and 3 IRCs. v/s Mr. M. Cemil Ozgul, Director
General. (Matthews-OH). n/d form ltr. in 2 mo. for 2 IRCs
My 500th SWBC QSL! (Lazarus-LA)....Congrats!

UGANDA: Radio Uganda 15325 f/d cd. in 46 ds. for 2 IRCs.
v/s David R. Buga. (Manning-TX).

UKRAINIAN SSR: Radio Moscow via Ivano-Frankovsk on 7115 f/d cd. in 102 ds. (Rigas-IL). via
Kharkov on 15540 f/d cd. in 78 ds. (Warner-UK). 9800 via Kiev f/d "Comecon Building" cd.
in 102 ds. (Rigas-IL). via Yinnitsa on 7215 f/d cd. in 102 ds. (Rigas-IL). 7195 via Sim-
feropol f/d "Tretyak Gallery" cd. in 102 ds. (Rigas-IL).

UNITED ARAB EMIRATES: RTV Dubai 11755 f/d "Map" cd. in 1 yr. for 2 IRCs. (Mitchell-IN). same
in 1 mo. v/s K.F. Fenner. (Howard-CA).

USA: VOA 21485 via Bethany cd. in 18 ds. (Warner-UK). Voice of the OAS 15160 via Greenville
* ltr. in 323 ds. (Warner-UK). Radio Xenon 7389 f/d ltr. in 15 ds. 15 watts! v/s Frank N.
* Stein. My 3rd USA pirate QSL! (Warner-UK). 7387 ltr. in 61 ds. (Florian-IL). Voice of the
* Voyager 6825 and 6840 f/d cds. in 1 mo. for ms. (Wallace-MA). WOOF 7375 f/d cd. in 3 wks.
* for ms. v/s Mr. Dna(?)...Has anyone used Harry B. Hind for a v/s yet??? WOIS 7428 f/d cd
in @ 1 mo. for ms. (Wallace-MA).

VATICAN: Radio Vatican 6015 f/d "arcangel" cd. in 12 ds. (Whalen)

VENEZUELA: Radio Occidente 3225 ltr. in 105 ds. for a SP rp
v/s Berta Puenta A., Secretaria. (Geraghty-UK). Radio Valera
4840 f/d cd. in 38 ds. for a SP rpt. (Sarkisian-MI). YVTO
6100 n/d cd. in 32 ds. for a SP rpt. and ms. v/s German
Romero Ocando, Director. (George-NC).

UZBEK: Radio Tashkent 11785 f/d cd. in 61 ds. (Connell-CA).

WEST BERLIN: RIAS 6005 f/d cd. in 12 ds. (Warner-UK).

WEST IRIAN: RRI Sorong 4875 f/d form cd. in 199 ds. for an IN
rpt. and ms. (not used) v/s A.F.C. Usmany. My first Indones-
* ian regional! (Buer-FL). RRI Fak-Fak 4790 personal ltr. in
13 wks. for an IN rpt. v/s Elsy Medellu. (Wilkins-CO).

YEMEN REPUBLIC: Radio Sana'a 9780 f/d ltr. in 2 mo. (Barto-CT).

ZAMBIA: Zambia Broadcasting Service 4911 f/d "On Government Service"
cd. in 50 ds. for 3 IRCs.
v/s Peter Musuba. (Hard-
ester-CA). same in only
19 ds! for ms. (Reinstein-
FL). 4910 f/d cd. in 27
ds. after a f/u rpt.
(Warner-UK).

01.1980
International
25. Juni - 3. Juli 1978
8900 München D

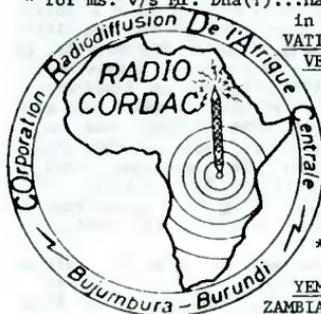
6085 kHz
von 06.55 Uhr - 16.30
50 kW, während der
anderen Zeit **10 kW**

und wünschen Ihnen weiterhin einen recht guten
und bes. dass Sie sich allezeit über gute reception of our
Empfangsbedingungen
programmes

Mit freundlichen Grüßen
With best regards

via Chris
Lobdell

BR Bayerischer
Rundfunk



**hör
NOREA
RADIO**

hver dag i løbet af
kl. 18⁰⁵ - 18³⁰
kl. 19⁰⁵ - 19³⁰

31m
ca. 36 MHz

25m
ca. 11.8 MHz

OSL

NOREA RADIO - GRENSEN 19 - OSLO 1

This month we did a bit
better than average. We
reported 115 countries!
Quite a few stations were
reported for the first
time along with several
very rare ones. Great
going to all of you out
there for supporting the
column.

See you in Montreal!

Kam

update

May 1982***Number 114

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

UPCOMING DEADLINES: 10 May (Mid-May) 23 May (June) 9 June (Mid-June)

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

****WARNING--WARNING--WARNING:**

During the next several months, my schedule calls for a good deal of travel. Because of this, and because travel schedules can change quickly, it may be necessary for me to change UD deadlines rather suddenly. I will try to give as much notice as possible of changes but please monitor the Upcoming Deadlines segment of each issue for the most recent information. Thanks for bearing with me on this.

****WARNING--WARNING--WARNING**

BOLIVIA La Cruz del Sur, 4875, in lang 0925; fair. M anncr, sermonette, full ID, calls freqs, etc., on half hour into religious pgm. (Stu Klein, NJ 4-10)+++R. Illimani, 6025, in SP 1004; good. Local flute mx, M anncr, ID, mx, talk, ID, mx. Easily dominating AFRTS splash. (Klein, NJ)

BRAZIL Rdf Nat Macapa, 4915, in PT 0045 and in checks to 0145; good. Long ad strings and ***quick IDs in pauses of futbol b'cast. (tba)+++ R. Aparecida, 6010 rf, in PT 0900; very good. Laid back EzL mx, soft spoken M anncr, ID/TC, stn hype, more mx. Also noted 5035 in well.

Must be using 2 xmtrs. (Klein, NJ 4-10)+++R. Universo, 6020, in PT 0850; excellent. EzL mx to

***0857 ID by M, freqs, QTH, etc. into PT pops. (Klein, NJ 4-11)+++ R. Educadora Bahia, 6025, in PT 0820; fair. M anncr, talk, EzL mx, TC, ID, SW freq only given, into more mx. (Klein, NJ 4-12)+++R. Cult. Sao Paulo, 6165, in PT 0910; good. Long ad string, M anncr w/ stn hype, ID, TC and PT pops. (Klein, NJ 4-11)+++R. Guarani, 6175, in PT 0915; good. PT pops, M anncr w/ TC/ID, then old ballroom mx. (Klein, NJ 4-11)+++R. Bandeirantes, 9645, in PT 0925, // 6185 and 11925. Brazilian mx and anncmts. (Brian Alexander, PA 4-11)+++R. Nacional, 11780, in PT *0800, IS, ID as "R. Nacional" and Radiobras, local ballads, M anncr, anncmts by Chipmunk-type characters. S/on 0900 on Sun. (Alexander, PA 4-9)+++R. Globo, 11805, in PT 0900, ID, ads, nx, electronic sound effects. (Alexander, PA 4-11)+++R. Brasil Central, 11815, in PT 0915; // 4985. Talk and local mx. (Alexander, PA 4-11)+++R. Cl. de Pernambuco, 11866, in PT 0820. ID, ads, local mx. (Alexander, PA 4-11) +++R. Gaucha, 11915, in PT 0845-0900; // 6135. Ads, local mx, ID 4 pips 0845 and again 0900. Mention Porto Alegre. (Alexander, PA 4-11)+++R. Cl. Paranaense, 11935, in PT *0800' s/on anncmts, ID, electronic sound effects, local mx. (Alexander, PA 4-11)

CHINA Gansu PBS, 4865, in CH 2250-2300; fair. M anncr, talk, CH mx bridge to W anncr, time pips and full "Kansu renmin kwangpo tientai" ID. Surprised. (Klein, NJ 4-8) +++RP, 11445, in SP at OK level 2300. (Jim Conrad, IA)

CLANDESTINE LV del CID, 5107, in SP 0155-0215; SP pop mx, mx box type IS 0200 w/ IDs, talk by M&W. (Alexander, PA 4-7) +++ R. 15 de Septiembre, 6800, in SP 0359; good. ID, talk, mention of "Atlantic coast," FFLN, etc. (Jack Jones, MS 4-15)---Same, 6900, in SP 0300 w/ talks. (Conrad, IA 4-10)+++LV de la Juventud Progresista Cubana, 6992, in SP 0235-0310; ID, EzL mx and talk. Good. (Alexander, PA 4-11)

COLOMBIA R. Super de Cali, 6126, in SP 0820; ID, LA mx (some Argentine), and het trouble. Good. (Jones, MS 4-15)

COSTA RICA R. Nac., 6035, in SP 1110; very good. M&W anncrs, nx items and many, many IDs. (Klein, NJ 4-10)

ECUADOR R. Pan Americana, 3290, signing on various mornings 1015 w/ local mx and NA abt 10 minutes later. Fades by or before 1100. Weak. Never hrd location, but suspect this is new ID for Amazonas. (Marlin Field, MI)

HONDURAS LV Mosquitia, 4910, in SP 0145; talk by M, guitar accompanying native vocals and ID. Fair to poor. (tba)

JAPAN RJ will make the following schedule change as of 2 May: 15300 is dropped at 2345 in favor of 21610. (Wilder Pickard, IL)

*****KIRIBATI** R. Kiribati presumed, 16433, in lang 0546; fair. Island mx, pop mx, W anncr, short buzz or hum when switching between recordings and live anncmts. BBC WS 0600, much fade on this, possibly mike in front of speaker. LSB. (Jones, MS 4-11)

KOREA (REP) RK, 9570, in SP *0930-1000; strong. IS, ID, opening anncmts, nx, local mx // 11725. Into EG 1000. (Alexander, PA 4-11)

MAURITANIA Nouackchott, 4823+, in lang 2240; vy good. AR chanting (strings and drums), W anncr w/ "Huna Nouackchott" ID 2258. 4845 absent so don't know if this is temporary aberration or permanent change. (Klein, NJ 4-10)

NICARAGUA R. Zinica, 6120, in SP 0437; very good. Still using R. Zinica ID, Pop mx and LA vocals. (Jones, MS 4-15)

NIGERIA Ibadan, 6050, in EG 2105; fair. M anncr, world and Nigerian nx. (Klein, NJ 4-6)

***PARAGUAY LV del Amambay, 5995, in SP 1010; fair. Even level with Aussie. Noted w/ M anncr, apparent mx highlights, ID and into seeming religious pgm. Much surprised. (Klein, NJ 4-10)

PERU R. Cult. Amauta, 4955, in SP 1025; fair. M anncr, Indian talk to canned SP ID, mention Amauta and Huanta, to unmistakable Andean mx. Most pleased. (Klein, NJ)As well you should be. tba *** R. Andina, 4997, in SP 1020; fair in WWV splash. High Andean mx, high-pitched vocal by W, M anncr, TC/ID. (Klein, NJ)+++R. El Sol, 5970, in SP 1010; in well w/ El Sol en los Andes morning show. (Klein, NJ)+++R. America, 6010, in SP 1020; very good. W anncr w/ "America presenta" pop LAM mx pgm //9510. Suddenly this freq is getting popular. (Klein, NJ 4-10)+++R. Union, 6115, in SP 1025; fair. Clearly audible under the Colombian. High Andean mx, ID/TC by M. (Klein, NJ 4-10)+++R. Tawantinsuyo, 6175, in SP 1015; good. Beautiful High Andean mx, M anncr, ID/TC over mx, more mx. (Klein, NJ)+++ R. Cusco, 6195, in SP 1005; good. M anncr ID/TC, lovely yipping Andean mx. (Klein, NJ 4-10)

SOLOMON IS. SIBC, 9545, in EG 0630. S/off for this highly variable from 0733* to 0803*.
(Conrad, IA)

UPPER VOLTA Ouagadougou, 4815, in FR 2305; fair. Happy Afr mx, M anncr, ID, talk and more mx. (Klein, NJ 4-10)

VENEZUELA R. Sucre, 4960, in SP 1002; very good. Just after s/on, 2 M anncrs w/ nx, chimes between items, several IDs. (Klein, NJ 4-10)

Best of 73,

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log report section

1600-4899



STU KLEIN

642 Cranbury Cross Road, North Brunswick, NJ 08902 USA (201)846-1582 0100-0430 Only!

Well, I made it thru the first issue, so they've renewed my lease on the column! I hope that you enjoyed the first edition; here's the second!

- 2300 KOREA NORTH Hyesan; 1230 opera mx, KR tlk ment Great Leader and S.Kor. president, in weakly. (Wallace, 3/6)
- 2745 KOREA NORTH Shinuiju; 1255 YL cmt, loud speech, then mx. (Wallace, 3/6)
- 2850 KOREA NORTH Pyongyang; KR operatic mx px. vy strong(Wallace, 3/6)
- 3033 KOREA NORTH Wonsan; 1235 KR mx, YL cmt. (Wallace, 3/6)
- 3200 CHINA FFBS #2; 1355 W vocalist w/CH tune acc by flutes. f(Wiseblood, 3/30)
- 3204.5 INDONESIA Unid; M/ann in IN w/sports bst //3215, 3265, 3345, wkly under tent Bandung 3205(below). Heard on fant Indo morning. (Wiseblood, 3/28)
- 3205T JAVA RRI Bandung; 1335 light after-dinner EZ piano mx, no ann. (Wiseblood, 3/28)
- 3205T PNG R.West Sepik; 1210 M/ann reading prob nx. vy strong(Krause, 3/23)
- 3205 BRASIL R.Riberão Preto; 2340 Bras pops, ID by M/ann. g(Reitz, 3/11) 0105 carrying sports programming. wk(Field, 4/8) 0400T Breezy PT pops, OM/YL hosts, ute on freq seems to pop up every time ID given. (Nikolich, 4/1)
- 3215 CELEBES RRI Manado; 1220 M speaking in IN, poss speech, to EZ mx w/few ann by M/ann, net at 1300, IDs. (Krause, 3/14) 1300 Jak nx relay. (Wilkins, 3/26) 1155T tkl by M/ann, // 4719 after 1200. (Underdown, 3/12) 1335 Sports, // other Indos. Reg. IN nx 1400. vg(Wiseblood, 3/28)
- 3225 VENEZUELA R.Occidente; 1025 ads, M/ann w/ID, TC, LAM mx. (Cucura, 3/2) 0250 pop mx, M/ann w/ID, f(Krause, 3/28) 0345 LAM mx -- "Música Venez." px-ID. g(Underdown, 3/25)
- 3225 SUMATRA RRI Tanjungpinang; 1401 audible w/Jak nx relay. p(Wiseblood, 3/28) 1225T // to net programming. (Underdown, 3/13) more details please!--sdc
- 3230 LIBERIA ELWA; 0615 vernac px, surprisingly strong, as was 4765, ID on both(Klein)
- 3230 TAIWAN BCC; 1355 CH tlk by M&W, MoR mx sels. f/g(Wiseblood, 3/30) 1205T CH tlk by W/ann--nx(?)--ment Taipei. (Underdown, 3/12)
- 3232 SUMATRA RRI Bukittinggi; 1335 light MoR Indo vocals, ann by M&W in IN. f(Wiseblood, 3/28)
- 3235 BRASIL R.Cl. Marilia; 0045 mx px, lots of tlk, fairly strong sig, but much interference (QRM or QRN?--sdc) as usual. (Field, 4/8) 2348 Bras vocal mx, ID by M/ann. (Reitz, 3/11) 2346 lcl ranchera style mx, M/ann in PT w/ID.vg(Krueger, 4/18)
- 3240 ECUADOR R.Antena Libre; 1058 OC, then anthm (not HC NA), quick SP ID by OM, inst tune, SP ID, tkl by OM, faded quickly into mud. (Lobdell, 2/20) nice, Chris!--sdc
- 3240 IRAQ Baghdad; 2000+ M w/sk'd TK FS. (Kuznecovs, FT 191B)
- 3240 PERU R.America; 1006 LAM & US pops, then ID w/MW & FM freqs by M/ann. Into long cmt on politics. f(Cunningham, 3/10) 1012 SP M/ann, canned ID. p(Bolland, 3/18)
- 3241 MOLUCCAS RRI Ambon; 1227 EZ IN pops, //4845. g(Sams, 3/16) 1200 Jak nx relay (Wilkins, 3/26)
- 3245 BRASIL R.Cl. Varginha; 2345 EZ PT mx, 0002 M/ann w/ID as R.Varginha.(Cucura)
- 3250 SOUTH AFRICA R.5; 0415 rock mx, cmcls, ID by OM DJ. f(Manning, 3/22) 0224 EZ mx. (Moman, 3/10) 0412 C&W mx. (Marker, 4/4) 0409 soft rock, ads, ID. (Leskowitz)
- 3256 VENEZUELA LV de El Tigre; *0956 Choral NA, ID, calls, freqs. f(Jones, 3/9) 1019 M/ann w/TC, ID, ann. g(Bolland, 3/18)
- 3264 CONGO RTV Congolaise; 0420 vocal mx, FR anmts, bars of hi-life. (Wilkins, 3/13)
- 3265 CELEBES RRI Gorontalo; 1340 polit sp by M, IN, // most other RRI (Wiseblood, 3/30)
- 3265 MOZAMBIQUE Maputo; 0406 EG nx, ID, cmt, f/out 0415. f/p(Manning, 3/11)
- 3270 NAMIBIA Windhoek; 0030 good signals //4965 also good on 3/19. Usual SABC type format. Indicates both txers on air. (Goonetilleke, ADXN 207)
- 3285 BELIZE RB; 0004-0510, 1101-1207 with usual mixed tkl & mx. (7 rep)
- 3280 ECUADOR LV del Napo; 1020 W in SP dialect w/"Atención", ann of events in various towns. g(Bolland, 3/18) 1020 HC mx, M/ann w/tlk, ID. (Cucura, 3/23) 1005 rel bst. g(Field, 4/7) 1003 LAM pops, ID. vg(Reitz, 3/13)

- 3285 ECUADOR LV del Rio Tarqui; 1025 M in SP, mx, a few ann. Heavy het (Bolland, 3/18)
- 3289.9 ECUADOR R.Panamericana; 1011 HJ mx at tune-in. ID, freq at 1015, foll by choral NA, "B. Dias Ecuador" & into yipping campo vocals. Good sig but tough copy thru QRM on & below freq. f(Jones, 3/25) *1015 various morns, but NA doesn't come on for about 10 min after that. F/out before 1100. Only ID hrd as above. (Field) Also rptd tent by Bolland and Cucura as the old Amazonas. I think we have a new sta (or at least a new name) here--sdc
- 3295 BORNEO RRI Samarinda; 1350 IN polit spch, //others. f(Wiseblood, 3/30) 1230T, IN tlc(Sams, 3/10) 1202 // to net px(Underdown, 3/13) 1239T, IN voc mx, ID, IS, Jak nx relay (Wilkins, 3/26) If you heard an ID, why rpt it as tent?--sdc f(3/21)
- 3300 GUATEMALA R.Cultural; 0400 EG rel px, ID. f(Roser, 3/13) 1156 ID/TC, mx(Wallace)
- 3310 CHINA Jilin PBS, Changchun; 1352 W in Ch w/tlk. Fair on a good day to the Orient. (Wiseblood, 3/30)
- 3325 BORNEO RRI Palangkaraya; 1330 Indo upbeat pop-vcal mx, M/ann in IN, SCI 1359. g(Wiseblood, 3/28) 1148T tlc //4719 after 1200. (Underdown, 3/13)
- 3325 GUATEMALA R.Maya; 1057 Sevl SP ID, M/ann w/rel tlc. (Cucura, 3/9) 1100 OM w/2 ID, rel tlc & mx. g(Hensley, 3/18)
- 3335 TAIWAN BCC; 1345 Military type band mx, ID by M in CH. (Wiseblood, 3/30)
- 3345 BORNEO RRI Pontianak; 1340 light MoR IN mx. Poor under Ternate (Wiseblood, 3/28)
- 3345 MDLUCCAS RRI Ternate; 1210T // to net px. (Underdown, 3/13) 1236 mx & tlc. (Manning, 3/26) 1200 Jak nx relay. (Wilkins, 3/26) 1208 speech. (Krause, 3/15) 1345 sports bcast. (Wiseblood, 3/28)
- 3366 GHANA CBC; 0540 EG OM DJ, mx, tlc, cmcls, IDs. f(Manning, 3/10)
- 3375 SUMATRA RRI Medan; 1350 Orch mx, W/ann in IN. p/f(Wiseblood, 3/28)
- 3375 BRASIL R.Nal. São Gabriel; 1025 M in PT w/nx, TC, ID. f(Bolland, 3/27) 0927 ID, PT mx sel. (Cucura, 3/2)
- 3381 ECUADOR R.Iris; 1052 ID, TC, HC mx. g(Jones, 4/1)
- 3385 FR. GUIANA FR3, Cayenne; 0927 M w/FR comments & mx. (Bolland, 3/20) *0900 s/on proceedings, //4972, 5055. (Moman, 3/7)
- 3385 BALI & LESSER SUNDAS RRI Kupang; 1330 light IN MoR voc sels, occ W/ann in IN. M/ann w/nat nx in IN 1400. (Wiseblood) Hensley reports this tent as Malang ca. 1300, but that was last reported to be around 3381; 3385 is, in fact, Kupang--sdc
- 3395 ECUADOR R.Zaracay; 1047 M in SP w/ads and rancho style mx. g(Bolland, 3/18)
- 3395T PNG R.E. Highlands; 1210 Man in lang, foll by lcl sounding mx. f(Krause, 3/24)
- 3395 SUMATRA RRI Tanjungkarang; 1350 light MoR pop vocal sels, Jak nx relay w/M/ann in IN 1400. f(Wiseblood, 3/28)
- 3396 ZIMBABWE V of Zimb.; 0400-0430 EG nx, EZ mx, ann, etc. (5 rep)
- 3400 CHINA FPBS #2; 1109 W in CH w/tlk, CH opera mx. (Cucura, 3/8)
- 3479T BOLIVIA R.Padilla; 0100 Ballad mx, tlc by OM w/TC, but no ID. CW QRM and' fading(Sams, 3/10) nice!--sdc
- 3607 JAPAN NHK; 1230T tlc by M&W in JP. (Underdown, 3/13) 1245T JP tlc, mx. (Sams, 3/16)
- 3810 ECUADOR HD210A; 1020 time signal in SP. (Wallace, 3/6)
- 3905 SUMATRA RRI Banda Aceh; Now back with strong signal only in the evening. 1200-1600 //4954. (Goonetilleke, ADXN 207) f(Wallace, 3/20)
- 3925 JAPAN NSB; tlc, pop mx, ID, //6055, 9595. (Underdown, 3/16) 1230 Cmty, tlc, ID. f
- 3935T JAVA RRI Semarang; 1213 net px //4719. (Underdown, 3/27) But see below--sdc
- 3935 JAVA RRI Malang; Noted IN 1330 to 1400 with election candidates list. (Harris, ADXN 207)
- 4000 CELEBES RRI Kendari; 1235 Qu'ran chanting, rel px, Ind style mx, IS(Wilkens)
- 4003 SUMATRA RRI Padang; Back again here leaving Urumqi etc clear on 3960. (Weerakoon, ADXN 207) 1250 W DJ pop mx, Jak nx 1300, //4000 till ID 1331. (Murff, FT 193)
- 4119 JAVA RKPDT2 Garut; 1245 mx, long tlc in lang, ment Jakarta. (Wallace, 3/21) Are you sure? Garut is rptd inactive, with N. Korea on the freq; see below--sdc
- 4119 KOREA NORTH VOPRK; 1145 M&W in KR w/tlk foll by singing. p(Bolland, 3/14)
- 4270 KOREA NORTH Kanggye; 1310 YL w/KR tlc, operatic mx, into OM speech. Severe CW QRM. (Wallace, 3/21)
- 4380 CHINA FPBS #2; 1151 M&W in CH w/CH mx and tlc, nx on hour. f(Bolland, 3/14)
- 4450 AFGHANISTAN RA; 0214 Flute mx w/voc, tlc in lang by M. 0231 3 time pips. //4740. (Cucura, 3/3) I suspect that we may soon call this the Afghani SSR!--sdc
- 4485 USSR Petropavlovsk-Kamchatsky; 1156 RS inst mx px. RS ID, TC pips, IS, foll by M/ann w/nx. f(Bolland, 3/14) 1330 tlc & mx. (Wallace, 3/21)
- 4610T USSR Khabarovsk; 1057 EZ mx sels. f(Bolland, 3/18) Without ann it is tent--sdc
- 4655 ECUADOR CRE; 0220 many ment of CRE & Guayaquil, TCs. (Choroszy, 4/3) 0325 mx. (Radcliff, 3/27)
- 4680 ECUADOR R.Nac. Espejo; 0310 Lively LAm vocals w/upbeat inst, full ID & sta promos, TC. g(Jordan, 3/20) 1136 Mx & cmty. (Bolland, 3/14)
- 4697T BOLIVIA R.Riberalta; 0329 Animated tlc by OM. Too much QRM to copy ID(Leskowitz)

- 4699T JAVA RKIP Surabaya; 1229 net px //4719(Underdown, 3/12) Tho occ the net feed is carried past the nx on this, you should try to get more details!—sdk
- 4719 CELEBES RRI Ujung Pandang; 1203 M/ann w/IN ID, nx, foll by mx. p(Bolland, 3/14) 1216 Indo mx px. (Wallace, 3/28)
- 4725T BURMA BBS; 1125 Mx px, loud BM tlk by OM. (Wallace, 3/5)
- 4730 BOLIVIA R.Abaroa; 0236 Vocal mx, tnet ID—"Esta es Abaroa". (Wilkins, 3/5)
- 4735 CHINA Unid; 1150 nice inst mx, much w/class flavor, tlk in CH. Xinjiang or Beijing listed. g(Nikolich, 3/26) Urumqi probable—sdk
- 4750 TIBET Xizang PBS, Lhasa; 2351 lcl mx(voc), time pips, F/ann w/ID, and into nxcst. f(Krueger, 4/18)
- 4756 BRASIL Rdfa.Maranhão; 0815 F/voc PT vers of 'Rose Garden', sta jingle, to another PT vers of US pop. vg(Klein, 4/4) 0907 PT mx, tlk(Bolland, 3/20) Have noted this on all nite recently—sdk
- 4755 UNID 1036 SP flute mx, Sp comments by M. p(Bolland,3/24) Poss Nuevo Mundo--sdk
- 4760 SWAZILAND TWR; 0355 IS, EG ID, into lang px. f/p(Wack, 3/9) 0415 AK ann, class mx (Krueger, 4/2) *0355 IS, EG ID, into AK px. (Biller, 3/10)
- 4760 VENEZUELA R.Frontera; 0137 M&W in Sp w/ballads & ID(Cucura, 3/11)
- 4762 UNID 0425-0430*, Afro-type mx, M tlk in lang, s/off after short ann. Thought I heard 'Revolucionarios.' (Pettifor, 4/5) This is possibly 'A Voz de Verdade', which has been reported here, ex-4950.—sdk
- 4765 BRASIL R.Nal. Cruzeiro do Sul; 1040 ID as above, M/ann in PT w/ads. g(Bolland)
- 4765 LIBERIA ELWA; 2227 M in EG w/rel px, w/all the trimmings. f(Bolland, 3/29)
- 4770 KOREA NORTH KCBS; *1200 Pyongyang IS, hrd number of times since Jan. p(Biller)
- 4770 NIGERIA Kaduna; 0530 EG world mx by M/ann. f(Witzig, 4/1)
- 4770 VENEZUELA R.Mundial Bolivar; 1034 M in 'SP w/ads, full ID, mx. f(Boland, 3/27) 0146 Lam mx. (Cucura, 3/11) 0205 Lam mx, IDs. (Hood, 3/8)
- 4775T INDIA Air, Gauhati; 1155 hrd half-dozen times, distinct So Asian mx. F/in 1150, f/out 1215. wk(Biller, 3/9)
- 4777 GABON Libreville; 2229 M in FR, mainly Af mx. p(Bolland, 3/29)
- 4780 VENEZUELA LV de Carabobo; 1035 SP ads, M w/full ID, nx. f/het(Bolland, 3/15) 0225 Lam mx, ID/TC. (Hood, 3/8)
- 4781 HONDURAS R.Juticalpa; 1120 Ranchera mx, Sp ads, ID. (Alexander, 4/3) 1208 ID, tlk. (Moman, 3/7) 1115 ad strings, ranchera mx. g(Jones, 3/22) 1038 mx. (Bolland)
- 4783- MALI Bamako; 0635 2 M/ann in Fr tlk--under ute, but readable. //4838-- as bad(Klein, 4/5) 0813 tlk, sports. g(Radcliff, 3/27) 2215 tlk, Af mx. (Reitz, 3/25)
- 4785 BRASIL R.Ribamar; 0340 nice PT ballads, OM/ann, signature tune 0400,short ID, then 0401*. (Nikolich, 4/1) 0909 tlk. f(Bolland, 3/20) 0835 tlk, mx(Reitz, 3/13)
- 4789T WEST IRIAN RRI Fak-Fak; 1215 speech & cmty in IN, hymn. f(Krause, 3/23) 1320 net px //4719. (Underdown, 3/12) Ain't this a trifle late?—sdk
- 4790 PERU R.Atlántida; 0059 Full SP ID by M/ann, mx. f(Bolland, 3/18) 0350 Opera mx, YL w/ID. (Petruzzelli, 3/14)
- 4800 ECUADOR R.Popular; 0502 Hoping for Lesotho, but this booming in w/mx and full IDs g(Bolland, 3/28) 0725 Lam mx, ID. (Alexander, 3/14)
- 4800 LESOTHO LNBS; *0400 s/on proceedings w/ID. (Mercer, 3/8) 0400 same(Reitz, 3/27)
- 4800 VENEZUELA R.Lara; 1040 W in SP w/TC(GMT-4), full ID, mx. g(Bolland, 3/27)
- 4807 SAO TOME RNdaRDdeSTep; 2146 PT tlk by M, Af mx, QRM off 4811(Stidwell, 2/28) And who was it that said abbreviations were dead?—sdk
- 4810 PERU R.San Martín; 1023 SP ID by W, Peru flute mx. f/g(Jones, 3/25)
- 4811 GABON Africa #1; *0500 s/on proceedings by M/ann in FR, then mx. f(Manning, 4/17)
- 4815 COLOMBIA R.Guatapuri; 0400 OM Sp tlk, amny ID, of abruptly at 0408. g(Manning, 3/16) 1103 noticias. g(Bolland, 3/18)
- 4815 UPPER VOLTA Ouagadougou; 2305 Happy Af mx, M/ann in FR w/ID, tlk, more mx. f(Klein, 4/10) 0533T Af mx, mmuch QRM. (Stidwell, 3/18)
- 4820 HONDURAS HRVC; 0400 EG rel px, ID. g(Manning, 3/14) 1105 rel px. f(Bolland, 3/18)
- 4823+ MAURITANIA Nouakchott; 2240 Usual Af chanting style mx, F/ann in AR w/'Huma Nouakchott ID' 2258. Drifted badly from 4845. vg(Klein, 4/10) Logged as Unid by Pettifor, 3/12, and Leskowitz, 3/17. Also noted by Biller same time period.--sdk
- 4832 COSTA RICA R.Reloj; 0530 Sp mx, ID(Straka, 3/28) 0250 mx(Kimmel)
- 4835 BRASIL R.Nal. Boa Vista; 1001 M/ann in PT w/nx, RadioBras ID. f(Bolland, 3/22)
- 4835 SOUTH AFRICA SABC; 0400 agricultural nx, stock quotes(Manning, Connell)
- 4835 SARAWAK R.Malaysia, Kuching; 1220 Malay cmty by OM, 1235 nx. (Wallace, 3/5)
- 4838- MALI Bamako; 0600 M/ann in FR w/few words, NA, f/ann w/'Ici Bamako' ID, into drums & harps. f(Klein, 3/24)
- 4840 VENEZUELA R.Valera; *0957 M/ann w/s/on. Afterward, singing ID, comments, mx. g(Bolland, 3/20) 0330 pops (Rigas, 3/27) 0345 trad mx (Connell, 3/17)
- 4845 BOLIVIA R.Fides; 2358 SP rel px, ID as 'LV de Catolica Bolivia', mx. (Krueger)
- 4845 BOTSWANA RB; *0357 Animal IS, s/on ID, tlk (Sarkisian, Manning, Wilkins, Reitz)
- 4845 COLOMBIA R.Bucaramanga; 0129 M&W w/ID, Lam pop tunes. (Cucura, 3/6)

- 4845 MALAYSIA R.Malaysia; 2326 Indian mx, 6 pips at 2330 & into nx by W in presumed Bahasa Malaysia. More mx 2340 & diff lang than nx. (Reinstein, 3/19)
- 4845 MAURITANIA Nouakchott; 2205-0000*, 0630-0700 usual mx & tlk (6 rep)
- 4845 MOLUCCAS RRI Ambon; 1220 live coverage of polit rally. g(Krause, 3/17) 1315 US moldy-oidies, YL w/ID. (Radcliff, 3/28) ↑(Manning, 2/21)
- 4850 CAMEROUN Yaoundé; 0533 EG nx of cent Af. RTTY QRM(Purdum, 3/10) 0500 EG tlk, ID↑
- 4851 ECUADOR R.Luz y Vida; 1040 M&W in SP w/instructional px. 1048 ID & mx. g(Bolland, 3/10) 0625 Andean mx w/IDs. (Alexander, 3/20)
- 4855 BRASIL R.Por um Mundo Melhor; 2315 carrying net px, 'Projecto Minerva' w/M&W ann in PT tlk. //other Braz stations. ID 2330. vg(Klein, 3/22)
- 4855 COLOMBIA R.Neiva; 0444 election results. (Wilkins, 3/15) 1045 mx, ID/TC(Bolland)
- 4855 UNID Time station from 0055-0100*, double pip at 10 sec, 30 sec pip missing, long pip on min. 0100* w/no ann. Was SSB(Valko, 3/3) See below, Dave--adk
- 4856 ARGENTINA LCL-2; 0057-0059 time pips, good over HJ. sked 0055-0100. (Krueger, 3/29, FT 193)
- 4856 SUMATRA RRI Palembang; 1339 Indian type vocal mx. (Wilkins, 3/12) 1353 AR style mx sels. (Hensley, 3/12) 1235 net px //4719. (Underdown, 3/12) 2304T warta berita & long tlk. (Reinstein, 3/18)
- 4860 USSR RMWS; 0321 EG cmty on US "meddling" in El Salvador. Feeder? f-(Jones, 3/10) 0211 NAM svce(Moman, 3/10) 0405(Buer, 3/16) Feeder via Kalinen--adk
- 4865 CHINA Gansu PBS, Lanzhou; 2250 M/ann w/cont CH tlk, mx bridge to F/ann, time pips 2300, then ID as "Kansu renmin kwangpo tientai." f(Klein, 4/8)
- 4870 BENIN LVRB; 2249 Native mx, FR tlk. f(Choroszy, 3/14) 0624 YL tlk(Moman)
- 4870 ECUADOR R.Rio Amazonas; 1039 NA, HC mx, M/ann w/tlk, ID. (Cucura, 3/22)
- 4875 BOLIVIA LC del Sur; 0925 noted w/sermonette, ID on 1/2 hr, into px of rel mx and tlk. f(Klein, 4/10)
- 4875 COLOMBIA LV del Norte; 1025 M in SP w/nx and anmts, clear ID. f(Bolland, 3/26)
- 4875 COLOMBIA R.Super; 1050 2 M/ann w/nx, tones betw items. Wiped-out by *1100 of LV del Norte. g(Bolland, 3/24) 0618 ID/TC, LAM mx. (Moman)
- 4880 SOUTH AFRICA SABC; 0433 OM ann in AK, mx, tlk. f(Manning, 3/27)
- 4885T BRASIL R.Cl. do Para; 0835 OM tlk in PT, poss nx cast, ment Brasil. f(Nikolich, 3/28) 0255 ID, Braz mx, ann. (Clift, 3/6)
- 4885 COLOMBIA Ondas del Meta; 0405 LAM pop mx sels, EZ stuff, ID/TC, pulled plug in mid-song 0420. f(Klein, 3/29)
- 4885 PERU R.Huancavelica; 1046 mostly OM tlk and 2 Andean tunes. ID/TC at 1056 "en Huancavelica." Finally hrd this one!(Reinstein, 4/3) nice, Steve!--adk
- 4890 PNG NBC; 1117 EG preacher w/rel tlk, native chorus, and hymn. p(Choroszy, 3/21) 1257 mx, cmcl, ID. (Manning, 3/17) 1230 Fri eve px. (Krause, 3/19) 1147 ads, top 20 hits. (Purdum, 3/20)
- 4895 BRASIL R.Baré; 0950 PT tlk by M/ann, ID 0957, mx, ads. f(Hood, 3/1) 0927 Voc mx, ads, IDs. (Wilkins, 3/29)
- 4895 SARAWAK R.Malaysia, Kuching; 1130 Time sigs & ID in lang 1130, tlk to 1135 t/out. g(Buer, 4/6)
- 4895 TURKMENIA Ashkhabad; 0129 Mayak IS to 0130. //4930 also Mayak. IS again 0159. g(Reinstein, 4/5)

In general, I am going to try in the future to keep comments to a minimum. I have included all of the loggings that I possibly could with several exceptions, which are the reasons for this editorial. I do not see much point in printing loggings which have appeared in another section of FrenDX during a previous month. Such duplication serves no useful purpose and cuts down on space for new loggings; space is usually much, much tighter than it is this month. There is NO reason for loggings to appear in sections other than the Log Reports or Update. Log Report is designed to showcase your loggings! I realize that there is a time element involved; maybe you miss the distributing editor's deadline of the 12th, but still want to see the logging in print as soon as possible. There are two solutions available: First, send the loggings to Update ... that's what it's there for! Second, if you get your loggings for LR-A to me by the 20th of the month, I will usually be able to get them into the next column. You cannot ask for better service than that! I am certain that most of the other LR editors can do the same.

I have included in the column some excerpts from other bulletins. I may do this from time to time, depending on the reaction that I get, in order to bring to light information about the stations operating in this freq range that might not otherwise be readily available. I would much prefer printing loggings that you send in ... my address is at the top of the column; get your loggings to me by the 20th and I will do my damndest to get them into the next column. Fair enough?

Till next month, 3's & 7's,

log report

section

4900-6199

B

JERRY BERG

Some interesting items this month, including an apparently new Brazilian on 6025, and the return of a long unheard Peruvian on 5112 . . .

- 4900 VENEZUELA R. Juventud, Barquisimeto, rock mx, GE ads, good at 2302 on 3-14 (Choroszy-ME); interview, mx, much noise but otherwise good sig at 0012 on 3-21 (Golden); US pops, IDs on 3-11 at 0217 (Cucura); echo-type amts 0248 on 3-6 (Clift); EG pop mx at 0340 on 3-23, SP comments, IDs (Lwyster); good with full ID 1100 3-27 (Bolland-FL).
- 4905 BRAZIL R. Relógio Federal, Rio, PT talk 0010 on 3-23, 3 time pips every minute, then time check by woman (Alexander-PA); ditto, 0835 on 3-13 (Touura-JP).
- 4900 ECUADOR (out of order, sorry!) LV de Saquisailí, nice sig at 1113 to 1128, 3-17, great Andean marching mx, and "6:16 en La Voz de Saquisailí de Ecuador; ahora, música de la banda marcha" (Reinstein-FL).
- 4910 GUINEA Conakry, talk over local harp mx at 0615, 4-5, apparently story telling, very good sig (Klein-NJ); FR political talk at 0650 on 3-9, then into EG at 0655 with more political rhetoric (Billier); FR talk at 2204, 3-17, apparently nx, then African-style mx; fair with CW QRM (Valko); and at 2303, 4-5, Afro flutes and percussions to 2330, then FR talk by man, good with CW QRM (Reinstein-FL).
- 4910 HONDURAS LV de la Mosquitia, Puerto Lempira, 0104 on 3-28, EG ID as HRXK, religious mx, local TCs (Cucura); EG ID 0121 on 3-8, address, US CW mx (Purdum).
- 4915 GHANA Accra, EG ID 0600, TC, Home News (Sellers); nx to 0615, then into local lang, fair on 3-10 (Manning); rel. prgm 2300 on 3-31, anthem, off 2305* (Bolland-FL).
- 4915 KENYA Nairobi, Afro vocals with amts at 0320 on 3-9, super African AM; 6 pips every quarter hour, good strength, deep fades, some uo QRM from 4916 (Buer-FL); hrd 3-27, 0332, Afro mx, man in Swahili, ID, poor in het (Radcliff); tentatively this one on 3-9, typical Afro mx 0330, many mentions of Nairobi, no ID, pips at 0330, 0345, 0400 (Billier-NJ). Matches Buer's log, same date (JB).
- 4920 AUSTRALIA ABC-Brisbane, world mx, ID, 1206 on 3-10 (Underdown-AK); fair 3-26 with EZ lstrg mx at 1250, nx headlines, daily meditation (Manning); YL ending nx 1310 on 3-28, ID, into choral mx (Radcliff-IL); classical mx 3-21, 1310 (Wallace-CA).
- 4920 ECUADOR R. Quito, tentatively them, LA mx at 0450 on 3-26, s/off 0457*, poor sig (Manning).
- 4925 COLOMBIA Em. Meridiano 70, Arauca, local mx, M&W annrcs 0335 on 3-20, "Meridiano Setenta" IDs (Alexander-PA); 1012, 3-2, complete ID, then anthem, talks by man, into ballads and folk mx with frequent TCs; much improved sig lately, power increase? (Cunningham); songs with Andean harps 3-10 at 1015, IDs, ads, good (Buer-FL).
- 4925 ECUATORIAL GUINEA Bata, sounded like drum IS 0423 on 4-4, anthem, talks, very weak and no ID hrd (Marker-IL).
- 4925 BRAZIL R. Drago do Mar, Fortaleza, 0155 on 3-22, S.Am. mx, talks, ID by man at 0200 (Marker-IL); 0415 on 3-29, PT pop-rock mx, TCs, more mx, good but a late hour for this one (Klein-NJ).
- 4930 GEORGIAN SSR Tbilisi, site presumed, weak in noise at 0000 on 3-23, hrd Mayak IS and time pips, then talk by woman (Alexander-PA).
- 4934 KENYA Nairobi, tribal drum mx 0358 on 3-15, tough copy in het, Afr.lang(Leskowitz-MA).
- 4935 PERU R. Tropical, Tarapoto, talk by man at 1025 on 4-3, many ads, ID at 1035, brief periods of Peruvian flute mx between ads (Alexander-PA).
- 4940 IVORY COAST Abidjan, M&W talking 0625 on 4-5, local mx, ID 0630, vy good (Klein-NJ).
- 4940 UKRAINE Kiev, 5 minutes of nx 0420 on 3-9, talk 0425, poor w/4945 QRM (Mercer-TX).
- 4940 VENEZUELA R. Yaracuy, San Felipe, ID 0217 on 3-6, talk, prgm of romantic mx (Clift).
- 4945 COLOMBIA R. Colosal, Neiva, talk by man 0213 3-6, CARACOL net ID, poor (Clift); election results, 0449 3-15 (Wilkins-CO); disco 0520 on 3-21, ID by man, fair in QRN (Straka); 1057 3-20, many CARACOL IDs tho none as Colosal (Bolland-FL).
- 4950 CLANDESTINE Voz de Verdade, good 0415, 3-8 with Neil Diamond mx, yelling and sirens between songs (Mercer-TX); tentatively this one, 0350 on 3-19 with drums, African mx, tentative ID on hour but fading fast (Sams-AK).
- 4950 SARAWAK Kuching, in nicely 3-22 and other mornings lately, EG nx at 1130, IDs (Nikolich-Ls); EG religious radio play at 1500 on 3-28 (Connell-CA).
- 4955.5 BRAZIL R. Marajoara, Belem, vocal mx 0907 on 3-20, DJ chatter, TCs (Wilkins-CO); PT ID 0920 on 3-21, hype, PT pops, fair sig (Klein-NJ).
- 4955 PERU R. Cultural Amauta, Huanta, Indian talks 1025 4-5, canned SP ID, Andean mx; pleased with this one (Klein-NJ); orchestra mx 1040 3-18, ID as "Transmite Radio Cultural Amauta, 4955 kc/s en la banda de 60 metros." Into OA mx, good sig (Reinstein-FL); possibly them, 4-8 at 1003, very weak, mx, man talking, maybe SP (Field-MI).

- 4958 azerbaijan SSR Baku, 0143-0216 4-5, local mx, then RS nx at 0200, definitely //4785 at 0200. Exercises 0215 with piano and YL counting (Reinstein-FL).
- 4961 VENEZUELA R. Sucre, Cumaná, hrd 1002 on 4-70, just after s/on, two men with nx, chimes between items, IDs, very good (Klein-NJ).
- 4965 COLOMBIA R. Santa Fe, Bogotá, LA vocals 0252 on 3-31, ID, TC, ads (Clift); ID 0502 on 3-26, fast paced talk and mx, fair sig (Manning); 0515 3-20 with Colombian vocals (Clift); and at 1049 on 3-14, TCs, ads, many phone numbers in ads (Bolland-FL).
- 4965 NAMIBIA R. SWA, 2330 3-7, YL anncr in EG, lots of Neil Diamond, hrd past 0100, tho not in EG then; poor at outset, fair later (Moman-ABTA).
- 4970 SABAH Kota Kinabalu, local mx 1225 on 3-12, then M&W with alternating speaking, fair but fast fade by 1235 (Krause).
- 4970 VENEZUELA R. Rumbos, Caracas, nx 0330 on 3-12, ID, into mx, good sig (Connell-CA); talk by two men 0341 on 3-26, jingles, no ute this day (Valko); futbol 0345, ID and off 0400* 3-27, very good (Connell-CA); lots of IDs, 0405 on 3-16 (Manning); and 2318 on 3-31, full ID, mx, fair sig with some ute QRM on fgy (Bolland-FL).
- 4972 FR. GUIANA Cayenne, *0900 on 3-7, IS, ID, anthem, //5055 and 3385; poor (Moman-ABTA).
- 4980 VENEZUELA Ecos del Torbes, San Cristóbal, amts by man 0245 on 3-31, ID, TC, romantic vocals, fair sig (Clift); LA mx 0354 on 3-23, PSAs, frequent quick IDs, RTTY QRM (Luyeter); amts, mx, TCs, etc., good sig at 1107 on 3-14 (Bolland-FL).
- 4985 BRAZIL R. Brasil Central, Goiânia, cmts by M&W at 2303, 3-23, some mx (Bolland-FL).
- 4990 CHINA Hunan PBS, Changsha, poor at 1159 on 3-26, talking in CC, some WWF sloop but sig fairly clear (Nikolich-IL); 1350-1400 3-20, YL talking between mx (Wallace-CA).
- 4990 NIGERIA FRCN-Lagos, talking drum IS at *0430 on 3-12, man with ID at 0433, national anthem, pledge, into nx (Cucura).
- 4990 SOUTH AFRICA R. RSA, 0400 on 3-23 with "Good Morning, Africa" prgm, features, mx, to 0427*, all EG (Wilkins-CO); some time, fair sig on 3-12 (Manning; Cucura).
- 4990 VENEZUELA R. Barquisimeto, LA vocals at 0239, 3-31, ID, TC, amts, fair sig (Clift).
- 4996 PERU R. Andina, Huancayo, 0950 on 3-20, SP mx, long comments, rapid paced; better on 3-19 at 1045 (Bolland-FL); Andean instrumentals, flute and strings, high-pitched female vocalizing, amts, TCs, IDs, 1020 on 4-5 (Klein-NJ).
- 5000 USA WWV, UTC being anncd, 0058 on 3-29, full ID and QTH at 0100, very good (Krist-VA).
- 5003 SURINAM R. Apintie, preaching in Dutch, 0940 on 3-20, hymns, "Amen," calypso mx, good sig (Bolland-FL).
- 5004 ECUATORIAL GUINEA Bata, high-life mx at 0447 on 3-7, vernac. lang. One ID in SP hrd, also guitar mx and "taps;" ute QRM from 5007 (Mercer-TX); Afro vocals at 0553 on 3-27, drums, man talking, ID and apparent nx at 0600, vy good sig (Radcliff-IL); ID as "Esta es Bata" at 0610 on 4-3, talks about Rio Muni and Malabo, anthem 0632, 0633* (Jordan).
- 5010 SINGAPORE Tentatively this one, EG at 2310 on 3-19, EG ads, hvy ute QRM (Reinstein-FL).
- 5015 PERU R. Moyobamba, 0105 on 4-4, ads for tiendas in San Martin, TC and ID at 0708 as "en . . . capital del departamento de San Martin, transmite Radio Moyobamba. La hora exacta, 8 de la noche y 8 minutos" (Reinstein-FL); IDs at 1040 on 3-19 with OA mx in the background, and canned ID at 1043 before ads; good sig (Bolland-FL).
- 5015 USSR Arkhangelsk, classical mx prgm 0355 on 3-3, Mayak IS, 6 pips, talk by gal with possible ID but too weak to tell. Ute moved up to cover this fgy by 0412, and was useless thereafter (Valko).
- 5020 CHINA Jiangxi PBS, Nanchang, comments in CC by gal at 1118, opera-like mx (Bolland-FL).
- 5020 NIGER Niamey, anthem at 0528, fgy amts, Afro mx, nx at 0600, vy good on 3-28 (Reits-KY); local chanting with harps, drums, etc., 0550 on 3-28, ID 0600, talking, fair-poor with bad ute QRM (Klein-NJ).
- 5020 SOLOMON IS. Honiara, in Pidgin at 0812 on 3-27, EG ID at 0830, good (Radcliff-IL); 0835 on 3-4, local amts and nx by gal, EG, to 0852 (Stidwell); lengthy, non-descript ctry, not EG, 0934 on 3-20 (Bolland-FL); on 3-10, R. Australia nx (all EG) at 1000-1010, SIBC ID at 1010, popular songs followed, good strength (Buer-FL).
- 5025 PERU R. Quillabamba, ID at *1040, Andean mx, nx at 1100 on 3-11. ". . . departamento de Cuzco, Republica de Peru . . . Radio Quillabamba . . ." (Billier-NJ).
- 5027 BRAZIL R. Jornal Transamazônica, Altamira, ballads at 0810 on 3-13, ID, TC, long talks by M&W, etc. (Reitz-KY).
- 5030 SARAWAK Kuching, poor 3-22 and other dates, lang. talks at 1150, definitely not EG, "Blue Network" listed (Nikolich-IL); 1203 4-3, talk by gal, some mx, fair (Buer-FL).
- 5030 VENEZUELA R. Reloj Continente, Caracas, *0930 on 3-19, nx items separated by chimes (Bolland); usual LA ballad stuff, very strong 0355 on 3-10 (Leskowicz-MA); nx 0403 on 3-23, frequent IDs, TCs, "doorbell" mx tones between mx items (Luyeter); LA mx, male anncr at 0414 on 3-11, many IDs, fair sig (Manning); pop YV vocals, IDs, TCs, good at 0444 on 3-20 (Clift); ID 0947 on 3-18, LA mx, ute QRM (Tokomura-JP).
- 5035 CENT.AFR.REP. Bangui, FR talk, amts at 2320 on 3-15 (Sarkisian-MI).
- 5040 GUINEA-BISSAU Bissau, man giving clear ID several times at 0700, 3-28, much talk, perhaps nx, drums between items; fair (Klein-NJ).
- 5040 PERU R. Libertad de Junín, 0500-0700+ on 3-28, virtually non-stop Andean mx while at Krueger QTH (Reinstein, Krueger, Crawford, Wilkner, FL).
- 5040 VENEZUELA R. Maturín, singing ID at 0232 on 3-26; also 1040 with chimes, 3-6, ID, TC, ads, etc. (Bolland-FL); ID and mx by man, 0337 on 4-7 (Marker-IL).
- 5045 BRAZIL R. Cultura do Para, Belém, EZ letng soft rock numbers at 0130 on 3-18, very clear but distorted audio (Leskowicz-MA); Brazilian mx, amts by gal at 0220 on 3-31

- (Clift); PT singing 0230-0300* on 3-25, and good at 0934 on 3-27 (Bolland-FL); Bras. mx and PT talks at 0854-0902 on 3-4 (Stidwell); good 3-11, TCs, IDs, mx at 0922-0937 (Choroszy-ME).
- 5045 PERU R. Rioja, apparently signing on at 1044 on 3-8, ID, SW fgy, into upbeat huaynos, brief talking, good lvl (Cunningham); 1054-1112 on 3-17, many IDs, mentions of San Martin, ads for "Pulla Cerveza" and "Inka Cola" (Reinstein-FL).
- 5047 TOGO Lomé, mx and talk in FR at 2230-2245 on 3-22 (Stidwell); amts between songs, weak thru QRN but ID hrd before NA and 0004*, 3-25 (Golden); highlife mx 0610 on 3-20, lvy QRN, poor (Tedfords); tent. them 0535-0600, poor in FR 4-7 (Manning).
- 5050 ECUADOR R. Jesús del Gran Poder, Quito, religious svc 1050 on 4-2 (Field-MI); tent. them 1039-1048 3-14, talk by man, religious prgm, SP (Stidwell).
- 5052 SINGAPORE 1225-1250 on 3-28, EG pops, DJ, ID (Wallace-CA).
- 5055 COSTA RICA TIFC, San Jose, EG ID 0357 3-27, into SP religious prgm (Luyster); *1000 on 4-8, NA, amrt, first selection was "Did You Stop To Pray" (Field-MI); 1132 (Bolland).
- 5055 FR. GUIANA Cayenne, ID, etc. at *0900 3-7, fair (Moman-ABTA); 3-27, good 0929 (Bolland).
- 5057 ALBANIA Gjirokastrer, folk mx 0435 3-20, ME flavor, amts by gal, good (Clift).
- 5060 PAKISTAN Islamabad HS, 0043-0140 4-5, good Asian opening and clobbering Progreso. Mostly Urdu chants and Pak mx, 6 pips and ID 0100; //7095 stronger (Reinstein-FL).
- 5061 ECUADOR R. Progreso, Loja, weak with ID 0213 3-18 (Leskowitz-MA); fair 1020 (Bolland).
- 5065 KARELIAN ASSR Petrosavodsk, 0244-0301 3-20, almost LA sounding ballads, RS talk by man, Soviet anthem 0300, fair (Reinstein-FL).
- 5075 COLOMBIA R. Sutatensa, Bogotá, sports 1121 3-23, TC, "Panarama Mundial" (Bolland-FL).
- 5095 COLOMBIA R. Sutatensa, 0104-0116 3-12, nx, ads, exc sig //5075 (Brouillette).
- 5105 CLANDESTINE LV del CID, anti-Castro, rock mx 0135 3-23, IS and ID at 0200, nx, exc sig in FL (Bolland); 0146-0234* 3-26, many IDs (Field-MI); rhetoric 0227 3-27, low level, QRN. Complete ID 0234, fays, horns, Cuban NA, 0237*; poorer than formerly hrd on 7350v and 11700 (Cunningham).
- 5112 PERU R. Eco, Iquitos, ex-5010, is showing here now, 2354-0445* 3-20, often giving slogan as "R. Completa." (Reinstein). Various times and dates, 0957-1100 (Bolland-FL); unid. (probably this one—JB), mx to 0352, echo-effect in amts, 4-7 (Marker-IL).
- 5451 W. IRIAN RRI-Biak, 1157-1230 3-26, ID, IS, Djakarta nx (Wilkins-00); poor 1210 3-29 (Nikolich-IL); 1222 3-27, site presumed (Underdown-AK).
- 5565 CLANDESTINE R. 15 de Sept., 0332-0432*, incl. EG 0401-0404, 3-20 (Jordan).
- 5882 ARGENTINA R. Rivadavia, B.A., fair with sports, 0004 3-7, 0026 3-18 (Bolland-FL).
- 5886 INDONESIA RRI-Pekanbaru, mx, talks, 1309-1330 3-21 (Wallace-CA); to 1345 f/o (Wilkins-CZECHOSLOVAKIA Prague, EG 0130 (Brouillette, Clift), SP 0200 (Shortridge-IN). CO).
- 5945 AUSTRIA Vienna, EG 0130-0200 (Shortridge, Clift, Brouillette), 0345 (Baernhuber).
- 5950 CHINA Heilongjiang PBS, Harbin, gal talking 1230 3-27, mx, strong (Wallace-CA).
- 5950 GUYANA GBC, EG nx at 1000, fairly good sig (Kimmell-ONT).
- 5950 NICARAGUA Managua, full ID 0000, nx, superb sig 3-6 (Bolland-FL); many Sandinismo, 0025 3-6 (Brouillette); vy good 0400 3-8, nx, IDs, rock, commentary (Roser).
- 5955 COLOMBIA LV de los Centauros, Villavicencio, 1015, ID, TCs, fair 3-1 (Hood-MAN).
- 5955 GUATEMALA TGNA, 1047 on 3-6, good sig, TCs, reading lstnr requests (Bolland-FL).
- 5965 MALAYSIA Kuala Lumpur, Malay mx 1500, vocals, CC pops, 3-22, also 3-20 (Sharpe-CA).
- 5970 PERU R. El Sol, Lima, ID and TC 1027, nx, OA mx, 3-13 (Reitz-KY); 1010 4-5 (Klein-NJ).
- 5980 USA Voice of Free China over WYFR, 0300+ (Brouillette 3-6, Straka 3-29, Byron 3-10).
- 5990 ROMANIA Bucharest, popular band mx 0346 3-20, ID, //11940, 9570, fair (Clift).
- 5995 AUSTRALIA RA, nx 1305 3-15, sports, election feature, fair (Manning).
- 5995 PARAGUAY LV del Amambay, Pedro Juan Caballero, male anncr 1010 4-10, nx highlights, into religious prgm, even level with RA! ID 1015 (Klein-NJ).
- 5995 USA VOA, Jazz Hour 0340 on 3-20 (Clift), Breakfast Show 0415 on 3-16 (Manning).
- 6005 SO. YEMEN Aden, soft rock 0332 3-10, ID, seeming AR nx, good but Reloj het (Leskowitz-CANADA CFCX-Montreal, phone-in prgm 0400 on 3-6 (Brouillette). MA).
- 6006 COSTA RICA R. Relej, San Jose, SP catry 0335 3-10, bad Aden/CFCX QRN (Leskowitz-MA); full ID 1035, comedy routines, good 3-6 (Bolland-FL).
- 6010 BRAZIL R. Aparecida, laid back mx 0900 4-10, soft spoken anncr, worse on //5035 (Klein-NJ).
- 6010 PERU R. America, Lima, amrt 1020 4-10, pops, //9510 (Klein-NJ). NJ).
- 6015 DODEC. IS. VOA-Rhodes, EG nx 2120, man anncr, 3-2 (Sarkisian-IL).
- 6015 PORTUGAL RCI via Sines, *0315, IS, "Govorit Canada" ID, nx, fair 3-7 (Rigas-IL).
- 6020 BRAZIL R. Universo, Curitiba, ID 0857 4-11, PT pops, very good (Klein-NJ).
- 6025 BOLIVIA R. Illimani, 1004 4-5, flute mx, ID, musical ID, dominates early (Klein-NJ).
- 6025 BRAZIL Apparently a new one, R. Educadora da Bahia, first hrd 4-4 0820, PT mx to 0859 ID, wrecked by AFRTS. But on 4-12, mx to 0825 ID, poor-fair depending on band condx (Klein-NJ). On Stu's tip, checked several times, quite weak except 4-18 when sig was quite good and w/on *0800 just as VOA went off 6020, eliminating QRN. Gave this fgy and also a 31 m channel which I haven't deciphered (JB). Location uncertain.
- 6025 PORTUGAL Lisbon, PT 0235 (Clift), EG 0300-0330 (Hesch, Kononchik-CT).
- 6030 USA AFRTS, basketball 0227 3-20 (Clift); 0230 3-29 (Krist-VA).
- 6035 BRAZIL R. Globo, Rio, live soccer match 0024 3-18, stn breaks with sound effects and IDs, lost under DW at 0055 (Choroszy-ME).
- 6035 COSTA RICA R. Nacional, San Jose, mx 1040 4-7, ID 1052, faded by 1130 (Field-MI); 1110 4-10 (Klein-NJ); Bolland rpts TIFC here 1029 3-6, TCs, mx, fair.
- 6035 LIBERIA VOA-Monrovia, EG nx, male anncr, 3-11 at 0325 (Sarkisian-MI).
- 6036 COLOMBIA R. Transamazonica, S. Jose del Guaviare, good sig with local mx 1045-1100 on 4-3, M&W anncr, ID (Alexander-PA).

- 6040 ANTIGUA DW, EG nx *0059 3-18, exc with "Microphone on Europe" (Choroszy-ME).
- 6040 E. GERMANY RBI, fair in SP 0045 3-18, mixing w/Globo (Choroszy-ME); SP 0225 on 3-20, //79620 and 11920, poor under VOA (Cliff); SP 0223-0234, 3-6 (Brouillette).
- 6040 USA VOA, EG Breakfast Show 0215 on 3-20, fair, Academy Awards nx (Cliff).
- 6045 AUSTRALIA ABC-Lyndhurst, songs 1338 3-28, DJ, ID, good sig (Radcliff-IL).
- 6050 BRADLOR HCJB, SP, vocals 0205 3-20, amts, ID (Cliff); full ID 1032 3-5, gud(Bolland).
- 6050 NIGERIA Ibadan, EG, world and Nigerian nx at 2105, 4-6, fair in QRN (Klein-NJ).
- 6055 USSR RM, RS at 0155, 3-20, classical mx, Moscow chimes on the hour (Cliff).
- 6060 AUSTRALIA RA, interview with Cheryl Ladd 1335 3-9, good sig (Manning).
- 6065 W. GERMANY DW, classical mx 0145 3-20, ID, address, //7285, 9690, 11945 (Cliff).
- 6070 CANADA CFRX-Toronto, nx, wx, time, traffic, etc. 1500-1530 3-18 (Rosser); sports, "1010 on your dial" amrt 2105 3-20 (Wack-VA); better sigs lately, fair 2130 3-31 (Tedford-MI); 0220-0300 3-13 (Glasgow); classical mx 0245 3-6, super sig (Brouillette); "Night Owl" talk show at 0808, 3-27, exc sig (Radcliff-IL).
- 6080 CANADA CKFX-Vancouver, C&W mx 0745 3-13, ID, wx, ads (Reitz-KY); 0825 4-4, weak and flutetry, Super Country IDs, first time hrd in NJ (Klein); poor at 0842 on 3-28, comprehensive sports rpt, PSAs, talk about C&W mx, first time in a while(Nikolich-IL); fair at 0920 3-7; it's easy when you're next door!(Moman-ABTA).
- 6085 COLOMBIA Ondas del Darién, Turbo, 1058 3-4, good but distorted audio (Bolland-FL).
- 6090 AUSTRALIA ABC-Sydney, racing results 0820 on 4-4, in pretty well despite QRN(Klein-NJ).
- 6090 LUXEMBOURG R. Lux, various times at 0000-0130, EG announc, pop mx (Manning 3-8, Krist 3-18, Purdum 3-8).
- 6100 W. GERMANY DW, SP at 2220 on 3-9, classical mx, nx at 2230, exc, //6145(Fraser-MA).
- 6100 PORTUGAL Lisbon, EG nx in progress 0542 on 4-3, then Letterbox, anthem, 0602* (Jordan); EG 0554 on 3-7, nice mx, some YVTO QRN (Choroszy-ME).
- 6100 VENEZUELA YVTO time stn, Caracas, ID and time amts at 1052, 3-4, good (Bolland-FL).
- 6106 BOLIVIA R. Panamericana, La Paz, ads 2355 on 3-23, ID, EZ lstng SP mx, but mostly talk by man after 0000. Weak in QRN (Alexander-PA); 1042+ on 3-4, flute mx, "Buenos Días, Bolivia," slight het but otherwise good (Bolland-FL).
- 6115 COLOMBIA LV del Llano, Villavicencio, 0600-0610 3-27, ID, call ltrs, LA pops, IDs, TCs, etc. (Hood-MAN); 3-21, fast announc at 0600-0630, pops (Wallace-CA); mx and talk by man, 1045-1055, 3-14 (Stidwell).
- 6115 PERU R. Union, Lima, clearly audible at 1025, 4-10, Andean mx, IDs, TCs under Llano talks (Klein-NJ); 1048 3-3, SP mx, amts, ID, fair sig (Bolland-FL).
- 6115 USA WRNO, RS 0600-0610 on 3-7, religious programming (Rigas-IL).
- 6120 NICARAGUA R. Zinica, Bluefields, open carrier from 1115 3-9, quick ID 1123, then NA. Drums 1124, complete opening amrt, into pop and soul mx with IDs and TCs. Good-exc this AM (Cunningham); mx, male announc, 1300 on 3-9 (Sarkisian-IL).
- 6125 BRAZIL R. Nacional, Sao Paulo, 2255 on 3-31, S.Am. nx items, fair (Bolland-FL).
- 6125 UNID. M&W announc in what might be PT, 2115 several days, mx bridge between items, a theme at end and 2130*. Poor thru QRN (Klein-NJ).
- 6130 CANADA CHNX-Halifax, pops at 2247 3-26, ID, nx, heavy QRN, poor sig (Tedford-MI).
- 6135 SWITZERLAND SRI, EG interview with a shop owner, 0210 on 4-4 (Shortridge-IN).
- 6145 W. GERMANY DW, EG 0100-0150, 3-14 (Bauernhuber); GM 0445-0500, good, talk, mx(Manning).
- 6150 CHILE R. Nacional, Santiago, good 0040-0100 3-23 with R. Nacional IDs, mentions of Santiago, TC, amts, big band mx; //15150 good, 9550 weak (Alexander-PA); intl. nx at 1035 on 3-30, fair, several IDs (Choroszy-ME).
- 6155 USA WRNO, rock mx 0200-0215, 3-26 (Shortridge-IN); very good 0234 3-1, rock, MoR mx (Kimmell-ONT); 3-29, T-shirt ad 0236 (Krist-VA); 0402-0418 3-6, rock mx, IDs, requests for rpts to POB 100, New Orleans 70181, will QSL 100% (Brouillette). They didn't say when, tho (JB). Rock mx 0409 3-20, exc sig (Harrington/Knight-NM).
- 6160 CANADA CKZU-Vancouver, nx 0803, interview, fair thru bad QRN(Radcliff-IL).
- 6165 BRAZIL R. Cultura, Sao Paulo, ad string 0910 4-11, stn promo, ID, TC, good (Klein-NJ).
- 6165 BONAIRE RN, EG nx 0230 3-24, Newaline, SW Feedback prgm, to 0319 (Sharpe-CA).
- 6170 FR. GUIANA Cayenne, 1009-1020 3-6, ID, US stnds, catry, good sig (Bolland-FL).
- 6175 ANTIGUA BBC, WS ID 0600 3-18, nx, Nx Abt Britain, R. Nxrrel (Tekulve); classical mx prgm 0430 on 3-16, harpsichord, good sig (Manning).
- 6175 BRAZIL R. Guarani, Belo Horizonte, pops 0915 4-11, ballroom mx, good (Klein-NJ).
- 6175 PERU R. Tawantinsuyo, beautiful OA mx 1015, IDs, TCs, good-vy good 4-5 (Klein-NJ); 3-3, OA vocals at 1034, ads, ID by woman, poor (Bolland-FL).
- 6180 VENEZUELA R. Turismo, Valera, ads, mx 1030 3-3 (Bolland).
- 6185 BRAZIL R. Bandeirantes, Sao Paulo, 2235 3-31 with nx by two men, fair sig (Bolland-FL).
- 6185 MEXICO R. Educación, classical mx 0300 3-25, some talking; WYFR takes over 0400 (Field-MI); ID and TC 0930 3-21, vy good, EZ lstng mx (Klein-NJ); address and phone no. given at 1125 3-29 (Rigas-IL).
- 6190 PERU R. Oriente, Yurimaguas, LA mx, ID 1110 on 3-12 (Tomura-JP).
- 6195 ANTIGUA BBC, 1115 3-17, echo effect from Singapore xmtr also on this freq (Buer-FL).
- 6195 CANADA CBC NQ Svc, vy good in Eskimo 2345 3-9 (Fraser-MA); EG ID 0330 3-15 (Connell-CA).
- 6195 PERU R. Casco, folklórico mx 0940 3-16, ID 0948 (Tomura-JP); OA mx at 1005, IDs, TCs, poor (Hood-MAN); ID 1005 4-10, yipping vocals, goou sig (Klein-NJ).

+++ Thanks to that stalwart band of regular reporters who contribute without having to be asked. How about the rest of you? +++ Tho the static is now on the upswing, don't give up the low bands in the summer, as there's always something to hear. +++ 73 till June. 

log report *section* **C**

6200-11699

PETER SCHIPELLITI

31 Beaverbrook Road Burlington, MA. 01803 617 272-3142

- 6200 **ALBANI** R. Tirana; 0430-0440 EG, Nx & Cmnty. //7300 (Luyster 3/23)
- 6215 **LEBANON** V. of Hope; 2200 EG, "Unshackled" (Fraser 3/9)(Reitz 3/28)
- 6224-5 **UNID**: 0730, lite inst mx, QSB, no IDs or tx, Andorra is not back on, is it? (Nikolich 3/14) Doubtful if Andorra. PS.
- 6250 **EQUATORIAL GUINEA** R. Malabo; 0530-0600 SP, IA type mx, OM anncr, lots of ID's. (Manning 4/1)
- 6250 **PORTUGAL** R. Portugal; 0135 PT, clear ID's, Xmtr error? (Underdown 3/15): //11925, PT Nx on 3/17. On 3/14 they were noted on 6255. (Sams 3/17)
- 6255 **PORTUGAL** R. Portugal; 0322-0333* EG, Feature on mining industries in Portugal. Not noted here since, must have been a one time error. Nothing but an awful mess on sked 6005. Exc level in any case. (Cunningham 3/15)
- 6296 **PERU** R. Chota; 0230 Mxical pgm. off w/ psble NA. at 0257 (Field 4/2)
- 6348 **SOUTH KOREA** Echo of Hope; 1240 EG, Y1 anncr & Mx (Sarkisian 3/16)
- 6550 **LEBANON** Voice of Lebanon; 0436-0502 AR, US Pop; yl anncr w/, "R. Voice of Leb..." ID before AR Tlks. Mid East chants. (Jordan 3/20)
- 6907 **CLANDESTINE** R. Venceremos; 0321* SP, ID, patriotic slogans, anthem (choral) & off. (Jones 4/5)(Marker 4/7)(Wack 3/7)
- 6998 **CLANDESTINE** LVD Juventud Progresista Cubana; 0214-0224+ SP, Unusual pgm of lt piano mx, orchestral tunes, ballads & even some opera. Occasional tlks by M anncr w/ IDs & mentions of "programa especial." Seemed to be still going strong at 0300 & 0330 (!) rechecks. Some sort of special occasion?? Seemed to be light on the rhetoric this night. Good/exc signal. (Cunningham 3/14)(Marker 4/7)
- 7065 **ALBANIA** R. Tirana; 0005-0020 PT, Animated Nx by OM w/ high pitched voice. Mentioned Tirana and El Salvador often. (Leskowitz 3/18) I thought R.T. was EG this time/freq. ps
- 7100 **USSR** Yakutsk; 0130 RS, Believed to be relay of R. Moscow 1st pgm. yl anncr w/ psble Nx, ID as R. Moscow, lite orch Mx @ 0137 followed by strong baritone solo (Jordan 3/27)
- 7120 **ALBANIA** R. Tirana; *0230-0256* EG, Nx & Cmnty on Nuke war and arms in Med Sea. ID's. very good. (Roser 3/23)(Manning 4/14); 0330 SP, (Bryan 3/15)
- 7125 **SRI LANKA** VOA Relay; 1400 EG, ID, Nx abt Reagans Carribean trip. (Bryan 4/9)
- 7130 **TAIWAN** VOPC; 1510 IN, CH tlk, yl laughing, into IN, ID by OM, Sport Nx (Bryan 3/14)
- 7135 **FRANCE** RFI; 0500 FR, Accordion pops time pips, OM ID (Bryan 4/11)
- 7145 **POLAND** R. Polonia; *2305-2310, IS w/ EG ID by OM, class Mx & tlk by Y1 anncr. Seems to wait until R. Kwara s/off to s/on! Fair. (Valko 3/10)
- 7145 **NIGERIA** R. Kwara; 2300-2305*, Nx by yl in EG., ID and "Goodbye", NA & Off (Valko 3/10)
- 7155NF **TURKEY** Voice of Turkey; *2158-2203 EG, IS to 2200 s/on; Nx; over jammers; no sign of Amman; //9560 (better), 11770 (under Moscow) (Buer 4/3)
- 7160 **SARAWAK** R. Malaysia-Kuching; 1445 lang?, "I'll never fall in love again" Y1 w/ ID. s/off. (Bryan 4/9)(Fisher)
- 7165 **USSR** R. Kiev; 0300 EG, Nx & Ukrainian Mx. Schedule & address. (Glasgow 3/14)
- 7170 **NEW CALEDONIA** R. Noumea; 0800 FR, Pop Mx, OM ID, Nx abt Alexander Haig. (Bryan 4/11)(Jordan 3/6)(Stidwell 3/29)
- 7175 **SICILY** RAI relay Caltanissetta; *0500-0507 IT, Carrier only till 0500, then gentle bells composition & ID by W 0501 simply as "RAI, Radiotelevision Italiana." Anmcs by M & W, pop instrumental mx, & finally apparent nx (mostly unreadable) by M. Weak signal amidst hellish ARO QRM, as usual. After 5 long years of trying, this was my first firm ID from this relay!!! (Cunningham 3/18)
- 7210 **SWITZERLAND** Red Cross Broadcasting Service; 0600 EG, IS, ID by OM, Tlk abt Red Cross. (Reitz 3/13)(Riggs 3/22)
- 7215 **IVORY COAST** RTVI; 2313-0001* FR, Pgm of Tropical Pop Mx, some US pop Mx. Difficult to understand due to low speech modulation. (Brouillette 3/18)
- 7255 **NIGERIA** Voice of Nigeria; 2103 FR, Nx, ARO QRM (Buer 3/14)(Bryan 4/11)
- 7335NF **BELGIUM** BRT; 2150-2246* Dutch, EG & Dutch pop songs w/ anmts by yl to 2203; tlk, choral song, IS 2240, Nx, ID & freq anmts by yl at 2243; CHU co-ch. ex-6080 (Buer 3/14)
- 7345 **CZECHOSLOVAKIA** R. Prague; *0100-0200*, EG, Nx, Cmnty, Mx & Sports, Letterbox. (Reed 3/29)(Manning 3/17)(Bauernhuber 3/19)
- 7350 **CLANDESTINE** LV de Cuba Independ. y Democratica; *0159-0210 SP, Carrier from 0159, at 0200, EZ Mx, celeste(?) IS several times w/ M IDs between. At 0202, mx by chorus, then complete ID by M as "LV del CID, LV de Cuba..." Martial Mx, then into usual anti-Castro rhetoric by M & W till 0210 tune-out. Fair/good level, but absolutely awful low-pitched het. On the high side of 7350 KHz. (Cunningham 3/9)

- 7504 CHINA CPBS; 1205-1230 CH, Alt Nx tlks, amts & psble ID, Cmnty & lcl Mx. poor. (Jordan 3/14)(Golden 3/24)
- 7550 SOUTH KOREA KES; 1600 EG, local Nx & events, report on change to metric system in 1983. Listeners pgm. Good. (Connell 3/28)
- 9027 CLANDESTINE (Egypt)?R.Vatan; 0413-0459* Farsi?, Long tlks by M in presumed Farsi, occasional ME-style vocal & instrumental Mx. At 0429, drums, amnt by M, & into radio drama of some sort w/ several players. More ME mx 0437, then tlks by W with many mentions of Iran. At 0456 closing amts by M&W, brief ME mx, & silence from 0458:30. Fair level but intermittent strong QRM from "Skyking" tactical xmsns. Actually, this was at better level tonight than the 'real' Iran, holding forth as usual on 9022. No ID heard from Vatan, but has been reported here frequently. No // noted on 15555, but 19 meter propagation was marginal. (Cunningham 3/17)
- 9360 SPAIN SPR; 0130 SP, OM w/ tlks in Sp. (Strauss 3/29)
- 9400 CHINA R. Peking; 2152 SP, End of Mailbag w/ address to 2130.//11515,7375(Buer 3/14)
- 9410 GREAT BRITAIN BBC; 2330 EG, "Meridian" Adelaide Arts Festival(Fraser 3/20)(Krist3/29)
- 9485 PERU R. Tacna; 1106 SP, Pop Mx, IDs, commercials, TCs. (Jones 3/31)
- 9495 MONACO TWR; 0725 EG, Revival of Heart Pgm. (Tekulve 3/14)
- 9505 JAPAN R.; 0900-0915 EG, Nx, Cmnty, Nx in JP at 0915. (Alexander 3/27)(Bolland 3/14)(Manning 3/20)(Sharpe 3/24)(Grosvenor 3/14)
- 9505 PERU R. Tacna; 1031-1040 SP, (see my Unid Oct'81 IR-C), amts, w/ ID 1031-1034; LA song followed to 1038; more amts to 1040; hrd after RJ 1031* (Buer 3/10)
- 9510 TAIWAN VOF; 1335 Lang?, at 1338 EG ID, then Mx & tlk. Distorted audio.(Zilmer 4/5)
- 9525 POLAND R. Polonia; *0200 EG, Nx, Comment on economy. (Krist 3/16)
- 9535 ANGOLA R. Nacional; 1701 EG, Heard in a big mess on the channel, surfaced with some sort of special amnt and gave address of box 953 Luanda, Peoples Republic of Angola. Then into Voice of Namibia pgm. Young yl anncr. (Moman 3/20)(Cunningham 3/19)
- 9535 SWITZERLAND SRI; 2145 EG, "Dateline" (Bauernhuber 3/9)(Sarkisian 3/19)
- 9545 SOLOMON ISLANDS SIBC; 0822 EG, Some type of local choral mx by mostly female group, cheerful tlk by M & back to lcl instrumentals. poor. (Jordan 3/6)
- 9553 EL SALVADOR R. El Salvador; 1037-1100 SP, Pgm of campo mx & laid-back (almost drunken!) tlks by M anncr, w/ TCs so often they could have doubled as a time station (at least one a minute). Clear IDs 1056 & 1100 as "R. El Salvador," rather than usual R. Nacional. I wonder if this is a permanent name change, or a slogan? Good level w/ het from 9555 KHz. (Cunningham 3/23)(Krause 4/2)(Manning 3/21)(Jones 3/20) (Hood 3/19)
- 9560NF TURKEY Voice of Turkey; 2203-2210 EG, World Nx to 2210 ID. (Buer 4/3)
- 9570 SOUTH KOREA KES; 1041 EG, Listeners Corner, letterbox type. (Bolland 3/7)
- 9570 ROMANIA R. Bucharest; *0200 EG, Nx & Folksongs. "Sunday Studio" (Krist 3/29)
- 9575 ITALY RAI; 0000 EG, Nx abt Italian press visiting Japan. Good w/ no QRM. They complained to BBC on co-channel and BBC left. (Fraser 3/11)(Bolland 3/14)
- 9590 GUAM KTRW; *2100, IS, ID by YL anncr. EZ listening Mx. psble CH lang? (Valko 3/11)
- 9595 ETHIOPIA VORE-Clandestine Radio Freedom; 1933-2000* EG, Nx til 1935, ID @ 1935, 1940 @ 1958, "You are tuned to Radio Freedom, Voice of the African National Congress." Gave sked and VORE ID at 2000. (Billler 3/11)(Leskowitz 3/10) 3/30
- 9605 VATICAN Vatican Radio; 0111 EG, Spring & Easter Cmnty (Bauernhuber 3/20)(Manning 3/20)
- 9640 GUAM KTRW; 1458-1510 RS, IS at 1500, Tlk by M. Short Mx selection. (Hensley 3/20)
- 9650 ETHIOPIA VORE; 1500 EG, Hvy QRM 9565. LSB was fair at 1530 and was able to hear a time check, pips and ID, by W. Into Nx. (Moman 3/20)
- 9670 MALTA Malta Calling; 0700 EG, letterbox, Nx, report on parish churches. Good sig after VOA's open carrier and test tones stopped at 0709. (Jodell 3/6)
- 9675 JAPAN R. Japan; 1120 EG, "Tokyo Calling." Fair. (Bolland 3/7)
- 9684 TANZANIA R. Tanzania; 1345-1400 Swahili; tlk w/ mentions of Tanz. & Pres. Nyerere 1345-1357; Afro song w/ amts 1357-1400; time pips & ID 1400; long path; Tnx to LN March 82 FrenDX. (Buer 3/9) UNID at 1455 looking for Tanzania here. Good sized het, some audio, tribal singing, amnt at 1500 by M but not copied. Het disappeared at 1500 cleaning up the channel, heard word sounding like "Iragoah" just before they went off. (Moman 3/20)
- 9720 SRI LANKA SLBC; 1350-1400 EG, W w/ cmnty abt construction plans for large civic center. Learning how to count in Sinhala! (Leskowitz 3/10)
- 9725 USA WRNO; 0015-0118 EG, ID by M, lots of Rock Mx. (Manning 3/14)
- 9780 YEMEN R. Sana; 0425 AR, Cmnty by M till 0427 then echo amnt by M, amnt by W over AR instrumental Mx. Clear ID by M at 0428. Marching band Mx, another ID at the 1/2 hour with a "salome Aleikem" & into more tlks by M anncr. Good. (Cunningham 3/18)
- 9805 EGYPT R. Cairo; 2233 EG, "Album Review" Nx & Mx. (Krist 3/14)(Bauernhuber 3/9)
- 9870 PAKISTAN R. Pakistan; 1656 EG, ID w/ address, 10 pm PST (Pakistan ST) tc at 1700Z then into Nx. //11670 (Moman 3/20) Bob Zilmer reported this on 9880 last month. The WRTH'82 doesn't help w/ this. What gives? Peter. 20)
- 9950 INDIA AIR; 1511 EG W Nx, ID as HS of AIR. //10335, 7280. 7412 not heard (Moman 3/10080)
- 10080 VIETNAM VOV; 1107-1127* EG, Nx, Cmnty on VT Production & revolution. (Purdum 4/5)
- 11640 ISRAEL Kol Yisrael; 0000-0030* EG, Nx, "Calling All Listeners" DX Corner. (Reed 3/28)(Tekulve 3/21)(Straka 3/15); 2327 SP (Hensley 3/18)
- 11675 KUWAIT RK; 1824 EG, Mx, ID, TC, W Nx (Kononchik 3/22)(Rigas 3/28) *3/25 Peter*

log report section

11700 TO 17699



STEVEN WISEBLOOD

- 11700 DOMINICAN REPUBLIC R. Clarin: 2207-0101 IS, Lam sets(Yingling,Wack-VA).
11700 VATICAN STATE VR: 0200 EG Religious message, nx. F-G (Zilmer 3/17).
11705 AUSTRALIA RA: 1030-1302 IS, EG nx by M, pop mx, ID (Bolland,Halsema).
11710 ARGENTINA RA: 0000 ID's in SP/ID, EG ID @ 0102 (Kimmell-ON).
11715 SWITZERLAND SRI: *0144 EG nx, TC,"Jazz Panorama". G (Krist-VA 3/29).
0430 "Dateline-Tuesday" w/EG tlk of Irish/Swiss soccer (Bauernhuber 3/16).
11730 GREECE VoG: 0340-0351* ID, EG nx @ 0346, into GK(Luyster, Glasgow 3/10).
11730 PORTUGAL R Renascenca:*2328-2342 IS, PT ID's, PT to Brasil(Golden).
11735 UKRAINIAN SSR Simferopol-RM: 2345 EG M w/wld nx, ID. G (Straka 3/15).
11740 SWAZILAND TWR: 1630 EG W w/religious pgm, ID by M @ 1650 (Moman 3/20).
11755 GABON Afr #1: 2100 full ID. VG (Wack-VA 3/4). 0720-0725 FR anmts, plenty of Afro pop selections. Good signal (Luyster 3/21).
11755 UAE Dubai: 0335-0345 EG Wld nx & cmntry (Luyster 3/17).
11770 MEXICO RMI: 0225-0300 SP ID's & anmts, Marimba mx, EG pgm "Mexico in One Minute" @ 0255. F but killed by RCI S/on @ 0300, //15430 (Hood-MAN).
11770n TURKEY VoT: 2210 EG cmntry on Argentina's invasion of the Falklands: Poor u/Vilnius; //7155, 9560 both better (Buer-FL 4/3).
11770t YEMEN Aden: 0425-0433 AR tlk by M ancr, AR vocal mx (Valko 3/26).
11770 UKRAINIAN SSR Kiev: 2300-2330 EG "R Vilnius-relay", nx&cmntry(Wallace-CA)
11770 INDONESIA RRI Jakarta: 1258 SCI to 1300, RRI ID, Indo lcl nx, not // Jakarta nx relays or 11790 (Sams-ARK 3/11).
11770 NIGERIA VoN: 1524-1533 EG cmntry, drums IS, NA, ID, EG nx(Valko 3/9).
1710 EG interview w/W representative of SWAPO. F (Connell-CA 3/21).
11775 UAE Dubai: 0330-0355 ME tunes, EG stories of Arab history(Glasgow 3/12).
11780 BRASIL R Nac: 2330 PT anmts, ID's, Bras mx (Valko 3/2). 0800-1025 PT M w/nx, TC, full ID, Bras vocal selections. VG (Hesch, Bolland-FL).
11780 UK BBC: 1900-1905 NA, IS, M w/nx in CZ. Fair (Bolland-FL 3/21).
11785 UZBEK SSR Tashkent: 1206 EG lcl nx, cmntry on Afghan, Mailbag (Krist 4/3)
11790 INDONESIA Voi: 1345-1400 EG ID, nx, lcl vocal mx. VG (Hesch, Hahn 4/3).
11800 ITALY RAI: 1935-1954 IS, EG anmts, Clscl-Operatic pgm (Wack-VA,Bolland).
0110 EG nx by W ancr. F-G w/QRN (T Smith 3/8).
11800 SRI LANKA SLBC: 1443-1447 Urdu ads, ID as SLBC pgm for Pakistan, lcl Subcontinental mx. F-G w/some QRM (Halsema 3/13).
11800 USA R Clandestine: 1513-1615* Jockstrap ad, RF Burns w/rock mx (Wack-VA)
11805 BRASIL R Globo: 2222-2227 "A Voz do Brasil" //11870(Pettifor,Bolland).
11815 JAPAN RJ: *1800-1815 EG Wld nx, cmntry, into JP @ 1815. VG (Connell-CA).
11815 LIBYA R Jamahiriyah: EG S/on anmts, ID, TC's, Qu'ran recitation, excerpt from the "Green Book", EG pop/oldies mx. VG (7 reporters).
11818 MOZAMBIQUE Maputo: 0443 PT anmts, Piano & Clscl mx, //9618 (Petruzzelli)
11820 KIRGHIZ SSR Frunze-RMWS: 1230-1245 Soviet mx pgm, EG anmts (Wallace-CA).
11825 TAHITI Papeete: 0515-0731 FR anmts, Polynesian vocals (Sharpe,Luyster).
11830 SOUTH KOREA RK: 1600 EG nx, cmntry, tlk on ship builders (Hahn 3/13).
11830 VATICAN STATE VR: 2218 EG M w/religious information. F (Bolland 2/13).
11835 HAITI 4VEH: 1000 Bell IS, SP ID, VG this date! (Wack-VA 3/21).
2259 EG Religious pgm. Fair-Good signal (Jones-MS 3/30).
11840 QUAM KTWR: 0815-0917 EG "Radio Bible Class", DX pgm. F-G(Tekulve,Wack).
11840 EAST GERMANY RRI: *0230-0311* EG nx, "DX Club", Sports nx (Krist-VA).
11845 VATICAN STATE VR: 0100-0115 EG M w/ID, nx & cmntry (Yingling 3/12).
11860 BULGARIA Sofia: *2130-2158 EG nx, "Letter from Sofia", DX pgm, pop mx, G //9700 (Cucura-PA, Alexander-PA, Krist-VA). 0400 EG Stamp pgm(Manning)
11870 NORWAY RN: 0201-0230 EG nx, sports, tlk abt the Welfare State(Manning)
11880 SPAIN :SFR: 0100 EG "Panorama" literary review & photo show. VG //9630 w/QRN de Sofia (Fraser-MA 3/20). 0550 EG "Tourist Guide".(Bauernhuber)
11890 TAJIK SSR Dushanbe-RM: 1945-2100 SP M ancr, IS. G (Krause 3/8).
11890 PHILIPPINES FEBC: 0845-0900 EG Religious pgms, Stamp Call. F(Krause).
11900 SOUTH AFRICA R RSA: 0200-0257 EG "Looking into Africa". VG (Manning).
11905 PHILIPPINES Veritas: 1500 EG W ancr w/fqys, into lang. (Kreuzinger 3/7).
11910 HUNGARY Budapest: *0200-0227* EG nx, cmntry, "Q&A" pgm. F (Krist-VA).
11914 PARAGUAY R Nac: 0000-0100 Opera mx, SP ID @ 0048. G (Hood-MAN, Moman-AB)
0902-0920 NA, SP S/on fqy anmts, several ID's, Lam mx pgm. F(Hood-MAN).
11925 BRASIL R Bandeirantes: 2335 2 PT M w/sportscast. G w/QRN (Golden 3/23).
11925 PORTUGAL RP: 0300-0330 EG nx w/lcl mx. F (Updegraff 3/18).
11930 LIBERIA ELWA: *0628-0635 IS, ID's in EG/FR/AR, into AR @ 0630. G(Rigas).
11935 BRASIL R Clube Paranaense: 1013 PT M w/anmts, ads, TC, mx. F(Bolland).
11938 KAMPUCHEA VoPK: *1200-1220 NA, theme mx, EG ID by W, nx to 1210, lcl mx, cmntry, open carrier 1213-1215, into FR @ 1215(Lobdell,Cucura,Biller)
11940 SINGAPORE SBC: 1003-1605 EG nx by W on the hour, pop vocal songs, ID, BBC nx transcription @ 1200, P-F level w/QRN (6 reporters).

11940 ROMANIA Bucharest: *0400-0428* EG "Listeners Mailbox", "Economic Review", EG sked w/fqys, EG nx & cmntry (Yingling, Krist, Glasgow).

11945 GUAM KTWR: 1430-1535 EG "Your Worship Hour", religious tlk, orchestral mx. 1530 "Sounds of Praise" gospel mx. P (Hood-MAN, Purdum 3/9).

11955 USA WRNO Worldwide: 2213-0000 Pop/Rock mx, M ancr, plenty of promo's, PSA's, requesting rpts from listeners. Glenn Hauser's "World of Radio" @ 2330(9 reports). Reception on this fqy varied widely with the QTH of the DXer. Xlnt rpts were heard in the North-East, Fair-Good in the South & Midwest. Generally Poor-Fair in the West-SCW

11955 VATICAN STATE VR: *0115 IS, Bells, ID, SP tlk by M. F (Rigas-IL 4/2).

11960 UKRAINIAN SSR Simferopol-RM: 0330 EG tlk on disarmament. G (Straka).

11960 NEW ZEALAND RNZ: 1100-1106 ID & TC, 17705 best RNZ fqy (Wack 3/27).

11990 CZECHOSLOVAKIA R Prague: 0100-0130 EG nx, lcl mx, "Sunday Magazine" & "Sports Roundup". VG (Strauss, Updegraff, Krist-VA). 0300 (Shortridge).

11990 ASIATIC RSFSR Vladivostock: 0700-0900 RS nx, Operatic mx (Wallace-CA).

12000 AUSTRALIA VNG: 0821-0836 EG anmts, time pips (Krause 4.3).

12000 EGYPT Cairo: 0150-0200 Qu'ran recitations, "Roundabout" EG pgm. In AR to 0200 then EG. P w/Moscow QRM (Rigas-IL, Updegraff, Bauernhuber 3/14).

12005t BYELORUSSIAN SSR Minsk: 1320 lcl lang tlk, "Moscow" ID @ 1330 RS anmts, folk ballads, IS @ 1400 into EG (R Moscow) nx & cmntry (Jordan 3/26).

12010 ASIATIC RSFSR Petropavlovsk-RM: 0745 EG peace initiatives (Sharpe-CA)

12050 ASIATIC RSFSR Petropavlovsk-RN: 0130-0535 EG "Mailbag"(Updegraff, Sharpe)

12070 ASIATIC RSFSR Vladivostock: 0700-0900 RS "Mayak", ID @ 0715 (Wallace-CA)

12070 MONGOLIA RUB: *1200-1235* IS, EG nx by W, cmntry, "Q & A" pgm, lcl instrumental mx, ID, sked @ S/off(Petruzzelli, Stidwell, Manning, Krist).

13607 PAKISTAN RP: 1635-1730* ID @ 1645, 5-min of EG nx @ 1650 in middle of Turkish pgm. Middle-Eastern type stringed instrumental mx. Off mid song @ 1730+. Fair signal, //17620 which was stronger (5 reporters).

13797 ICELAND ISBS: *1829 S/on abruptly mid-song, Icelandic anmts by M, ID @ 1833, nx by M. F w/QSB (Golden 3/21).

14620h ALBANIA Tirana: 0550 ID's by W, tlk in E.Euro lang., 2 x 7310 (Sams-ARK)

15010r VIETNAM Vov: 1720 Oriental stringed mx, apparent VT tlk (Golden 3/27)

1800-1815 march/anthem, full ID, sked w/fqys, EG cmntry by W. Good (Moman-AB, Connell-CA). 2029-2100 Orchestral theme, opening anmts by M&W in EG w/fqys & sked. EG nx by M, Letterbox pgm. Nice oriental vocal mx. VG into FR @ 2100(5 reports). 2109 FR nx, //10040 (Cucura 3/5).

15045 GRENADA RFG: *2130-0000 EG nx headlines, Calypso mx, announced sked as *2130-0030*, nonstop Jazz/MoR mx, ID by M @ 0000(Luyster, Hensley).

15070 UK BBC: 2121-2348 EG look @ Mark Bros., play review(Manning, Krist-VA)

15077 AFGHANISTAN Kabul: 1740-1929* Dari pgm to 1830 s/vocal recitations, into GM @ 1830 w/Mid-East mx & wailing. ID by M in EG @ 1900. 1915 EG tlk by M, march mx. VP (Jordan 3/27, Valko 3/17, Buer 3/12, Underdown).

15084 IRAN VoIRI: 0527-0630 March mx, Farsi tlk to 0529, ID by Farsi W, IS, 0530 ID by W in SP, SP opening anmts w/sked & fqys by M, Koran recitations by SP M w/echo effect, SP nx by M&W. Tlk on events in El Salvador, Anti-American propaganda(4 rpts). To Cam/Sam-ye ed

15100 ASIATIC RSFSR Vladivostock: 1750 CH tlk, vocal mx (Sarkisian-MI 3/16)

0351 "Voice of Yerevan" relay, Armenian language lessons. F (Tedfords).

15105 GRENADA RFG: 2116* "From the land of Spice", EG diatribe. F (Wack-VA).

15110 INDIA AIR: 2243-2311 IS to 2245, ID's, EG sked & fqys by M, Indian Vocals, EG nx by W @ 2300. Generally P w/DW QRM de 15105(Brouillette).

15110 CZECHOSLOVAKIA Prague: 1430 EG sked & Fqys, nx, cmnty. F (Zilmer 4/4)

15115 AUSTRALIA RA: 0727-0748 EG anmts, folk mx, "Jazz Austr."(Kononchik-CT).

15120 NIGERIA Vov: 1430 EG nx & cmntry. G (Zilmer 3/27). 1500-1539 lcl Afro mx, gospel mx, EG cmntry on Safr, into nx @ 1530(Moman, Kreuzinger, Harrington). 1630-1657* EG nx & cmntry, lcl mx(Manning, Bolland). 1801 EG M ancr w/nx of Africa, cmntry, Wld nx, ID's. F (Hesch 3/23). 0500 EG African nx, ID, lcl pop mx(Connell-CA). 0559 FR nx, ID(Luyster 3/23).

15120 VATICAN STATE VR: 1600 EG "African nx Roundup". G (Zilmer 3/20).

15120 POLAND Polonia R: 0300-0329 EG press review, Polish lesson. F(Manning).

15125 TURKEY VoT: 1330 EG nx, cmntry, Turkish mx. F (Zilmer 3/28).

15125 PORTUGAL RP: 1614-1623 EG tlk on Portugal, nx, wx. P-F (Wack-VA).

15130 SEYCHELLES FEBA: 0130 IS, ID, tik by M in lang., F (Zilmer 4/6).

15150 GERMANY DW: 2000-2020 EG tlk on dentists, grasshoppers (Shortridge).

15150 CHILE R Nac: 2335-0401* Lam instrumental/vocal mx, SP anmts by M, ID, soccer play by play, cmntry on Argentina. VG //6150 (4 reporters).

15160 AUSTRALIA RA: 0550-0605 EG to Pac., "Profile" interview pgm, pop mx, 0559 ID & fqy anmts, TC, EG Wld nx @ 0600. F (Hood-MAN 3/6). 10kW-ed

15170 TAHITI Papeete: 0402-0505 Polynesian vocals-Island mx, ID by W(3 rptres)

15180 UK BBC: 1600-1610 ID, Big-Ben chimes, AR nx. G //21630, 17715 (Hood).

15185 EUROPEAN RSFSR Serpukhov-R. P&P: 1455 EG M w/cmnty, IS. F(Bolland-FL).

15185 USA WINB: 2019-2035 ID, EG Religious pgms. P-F (Luyster, Krist-VA).

15200 SEYCHELLES FEBA: *0400-0500 IS, ID, EG "Christian nx rpt", gospel mx, Biblical stories, hymn mx. P-F w/QRN(Yingling, Manning, Purdum, Tedfords).

15220 HUNGARY Budapest: 0130-0140 IS, ID, M w/HG nx, lcl mx. F (Rigas-IL).

0200-0228 EG nx, look at the Oscars, political cmntry (Krist-VA 4/1)

15220 MADAGASCAR RMed relay: 1915-1920* EG "Happy Stn", mailcall(Wallace-CA)

15220 SOUTH AFRICA R RSA: 0626-0632 FR S/off anmts, IS, EG @ 0630(Luyster).

15245 ZAIRE LV du Zaire: 2213 FR anmts, Little Richard mx (Petruzzelli 2/13).
15250n ROMANIA Bucharest: 0250 EG, W ancr w/ID & cmntry. G (Valko 3/11).
*0300-0330 IS, SP ID, SP nx & cmntry. F (Rigas-IL 3/27). 1302-1325 EG
M&W w/Wld nx, Orchestral mx, economic tlk, lcl folk mx. P-VP (Jordan).
15255 PORTUGAL RFE-via Gloria: 0400 Trumpet IS, ID, Jammed. P (Harrington).
15270 LIBYA SPLA/JBC: 1956 live ME pop mx, AR M ancr w/cmtry. G (Valko 3/2)
15270 SWEDEN RSI: 2300-2313 EG "Mailbag", ID, sked w/fygs. (Wallace,Hensley).
15285 BANGLADESH RB: 1235-1247 EG W w/nx, ID, Subcontinental mx. (Cucura 3/4).
15290 BRASIL R Bras: 0120-0320 ID, lively Bras pop mx, EG sports, A truly
Excellent signal. (Kreuzinger, Shortridge-IN, Rigas-IL 3/27). (Sams-ARK///
15295 MOZAMBIQUE RM: 1340 Afro pop mx, ID, PT anmts, nx by M @ 1400. G via LP/
15300 FRANCE RFI: 0640-0645 ID, FR cmntry, features (Luyster 3/23). 1600
EG "Paris Calling Africa". G (Zilmer 4/3).
15305 SWITZERLAND SRI: 0145 EG nx, "Swiss Merry Go Round", Mailbag(Kreuzinger)
*2145 TC, "Dateline", EG features, //17850,17830,21585. G(Krist,Zilmer).
15310 JAPAN RJ: 1227-1241 EG to 1230, into JP nx, "General Svce"(Choroszy-ME).
15310 OMAN BBC: 1910 EG nx by M ancr. Fair (Sarkisian-MI 3/12).
15320 UAE Dubai: 0330-0345 EG Wld nx by W, cmntry, anmt by W that "the QSL's
have been sent out", request for reports. G(Manning,Straka,Moman-AB 3/20)
15320 AUSTRALIA RA: 0412 EG "Australia Today", ID, pop mx. Euro. QRM(Valko).
15325 JAPAN R: *0500 EG M w/nx items, sked w/fygs, //9645,17810. F-G(Jordan).
15325 SEYCHELLES FEBA: 0713-0732 IS "What a Friend...". ID, EG Wld nx (Halsema).
15325 SOUTH AFRICA R RSA: 0200 EG ID, nx, "Conversation Corner"(Bauernhuber).
15325 UGANDA Kampala: 0308-0433 Afro mx, patriotic songs, EG nx by W,
"Windown on the World", "African Beat", "Uganda Today" tlk by M on lcl
TV productions, economic developments, into FR @ 0400. Xlnt level.
QRM de birds (RAI). Bdcst to NAM & New Zealand (8 reporters). Tnx!
15330 FRANCE RFI: FR u/RCI @ 2025 w/QRM de AFRTS, PCA theme, nx to Afr(Tedford
15333 COLOMBIA Rdf Nac: 0302-0345 Italian Opera bdcst., Clscl mx(Manning 3/22)
15335 ROMANIA Bucharest: 0705-0710 EG tlk on Tourism, P @ S/off (Luyster 3/21)
15335 INDIA AIR: 1340 EG cmntry by W, economic tlk. P w/het & AFRTS(Purdum)
15345 KUWAIT RK: 0205-0500 Holy Qu'ran pgm, AR tlk by M, ID(Valko,Jordan).
15350 LUXEMBOURG RL: 1027-1030 FR M, ads, cmntry, features. G (Bolland-FL 3/19
0155-0205 FR M ancr, upbeat rock mx, "R.T.L" jingle ID @ 0200, TC,
FR nx w/tlk on Poland & Solidarity. G w/slow fades (Cunningham 3/6).
15360 BELGIUM BRT: 0020-0050 SP pgm to 0030, EG ID by M&W, Music box, EG W
w/nx, press review, "Radio World". F-G(Cunningham,Manning,Jordan,Alex'er)
15365 CANARY ISLANDS REE*Tenerife: 0231-0301 SP tlk by M&W, mx by request pgm,
mention of listeners in SAM & Mexico. G (Teddords-MI 3/17, Kimmell-ONT).
15385 LIBYA SPLA/JBC: 0410-0415 AR political cmntry pgm, ME mx (Luyster 3/17).
15400 FINLAND RF: 1330 EG "Northern Rpt", "Airmail". G-VG (Tedford-MI 3/30)
15400 IRAQ Baghdad: 2335 AR ID, into drama pgm @ 2340 (Sams-ARK 3/4). 0439-
0449 AR live vocal mx, EZL mx, //21585. Xlnt (Valko 3/26).
15420 USA WRNO-Worldwide: *1800-1815 S/on w/fqy anmts, into Ukrainian relig.
pgm. VG (Rigas-IL 3/7). 1900 heard 3-minutes of silence during sked
"World of Radio", into rock mx while ID cart kept playing in background,
"World of Radio" suddenly on mid-song @ 1913, whew! (Sams-ARK 3/23).
15425 SRI LANKA SLBC: *0021-0201 Chanting & drum IS, EG "Good Morning",
birthday greetings, mx request pgm, EG religious pgm, ID, cmntry (4 rptrs)
15425 AUSTRALIA ABC: 0250-0235 EG Wld nx, wx, F-G (Wack-VA). (Wack//
15430 MEXICO RMI: 0103-0405 SP mailbag pgm, rancho mx(Brouillette,Luyster, //
15435 GABON RFI-relay: 2120-2130 FR M ancr, blues mx, ID, fays. G(Manning).
15440 PHILIPPINES FEBC: 1330 EG religious pgm, not 15445 as per WRTVH(Zilmer).
15445 BRAZIL R Nac: 2040-2056 PT nx by 2 M, Bras vocals, //11780 (Cucura 3/7).
15450 PHILIPPINES FEBC: 2330 EG Wld nx, ID, Mailbag pgm. G(Connell,Zilmer).
15450 EAST GERMANY RBI: *0645-0700 IS, ID, EG fqy/sked, nx. P (Rigas-IL 3/7).
15470 USSR Various: 0500 three RS stns here:Mayak, RMos., RMWS! (Young-CA).
15485 NEW ZEALAND RNZ: 0749-0800 EG M ancr w/TC, ID. EZL mx. F(Kononchik-CT).
15495 KUWAIT RK: 2143-2214* AR W w/readings, ME mx, AR nx-by M @ 2200, AR
sked by M (Brouillette 3/15). 0250-0430 Qu'ran recitations, AR nx, ID,
anmts by W in AR, EZL mx. G (Hood-MAN 3/23, Rigas-IL 3/27, Wallace-CA).
15505 QATAR QBS: 1710-1940 AR nx, anmts, ME mx, ID, nx @ 2002(Mercer,Hood-MAN)
0325-0435 AR nx by M, ME vocal mx, AR cmntry on US/Soviet relations,
ID's, timepips every 1/2 hr. Xlnt (Cunningham, Rigas-IL, Valko 3/26).
15513 BANGLADESH RB: 1558-1703 Violin IS, Hindi anmts, 1643 into AR (Young-CA)
15515 PAKISTAN RP: 0330-0417 IS, ID, Farsi S/on anmts, Urdu type chanting,
must be a move from 15495 as per D-81 sked, //17662.4, daily (Young-CA)
15522.7 BANGLADESH RB: 1358-1705 Urdu to 1500*, then same as 15513 to 1705*,
on 3/26 only (Young-CA). presumably //17677 also, Jim? -SCW
15550 PAKISTAN RP: 1915-2015*FR to Afr., chants, FR nx @ 1940. G(Buer-FL,Young
15555* UNID *04-06*/1705-18* Yiddish sounding lang., "R Batana" ID's by W,
ME mx, some lcl pop type mx. VG in Calif., no heavy QSB as would be
expected from an over the pole signal. If not in ME, where? (Young-CA).
15565 GREECE EG to NAM, ID, nx by M, //9865,11730. 15595 not hrd. (Zilmer).
15565 PAKISTAN RP: 1600 EG nx; cmntry, next day 1440 in Urdu //17640 (Young-CA
15595 GREECE VoG: 0330-0350* GK sports nx, lcl mx, //11730,9865(Rigas,Cunnin'am
16433 KIRIBATI RK: 0530-0559 EG "Science in the nx" VOA pgm @ 0530, apparent
nx in KB @ 0545, W ancr w/Island vocal sets. F/LSB((Sarkisian,Pettifor).

73 da Steve

log report section

17700 & ABOVE



BRETT SAYLOR

- 17705 NEW ZEALAND RNZ; 0300-0600 EG, cricket match, music pgms, BBC radio drama (4 reporters)
- 17705 INDIA AIR; 0648-0655 EG, live rpt of military air show (Halsema)
- 17710 HUNGARY R Budapest; 0141-0200 EG, mx, cmtry, mx (Tedfords,Hahn) 0230 HG, IS, ID, nx, very good signal (Rigas 3/28)
- 17710 UNITED ARAB EMIRATES UAE Radio; 1630 EG, JSL info, IS, ID, nx at 1630; //21655,15370;fair (Zilmer 3/26) 0535 EG, world nx, Our Arab Civilization pgm; good, //17810 good (Halsema 2/28) 2!?! bs
- 17715 INDIA AIR; *0330 Hindi, s/on after IS, weak and behind Budapest (Wack-VA 3/16)
- 17725 PORTUGAL/GERMANY RFE; *0400-0430 RM?, IS, s/on,nx,cmtry, ID as "Aici e R Europa Libera", think RM (WRTH says Bulg); incrd strng! (Wilkins 3/16)
- 17730 IS, ID, nx in Rumanian; exc level, no jamming (Luyster 3/29)
- 17730 USA WINB, Red Lion; 1725 EG, bible reading,organ recital, choral songs (E Hoffmann 3/21)
- 17750 CUBA R Habana; 2105 EG, nx, fair-good (T Smith 2/10) 2 ??? bs
- 17755 JAPAN RJ; 0100,0300 EG, world nx, heavy JRN (Bonnet 4/6,Updegraff)
- 17765 USA VOA-Delano; 0230 EG, nx, sports by M annr (Sarkisian 3/2)
- 17775 UAE UAE R; 0502 AR, nx, ID, Toyota ad,AR mx (Halsema 2/28)
- 17775 FRANCE RFI; 1335 FR, drama, pop mx, ID, freq's (Manning 3/24)
- 17775 SOUTH AFRICA R RSA; 2009-2130 EG, Look Into Afr, Saturday Nite RSA pgms, local and world nx (Krist 4/3, Connell, Shortridge)
- 17785 USA VOA-Greenville; 2100 EG, Jazz Hour, world nx (Straka 3/15)
- 17795 AUSTRALIA RA; 1830 EG, mx, The Australians pgm (Connell 3/14)
- 17800 TAIWAN Voice of Free China; 2200 EG, nx, press rvw, features on CH mx & museums (Zilmer 3/18,Hahn)
- 17805 BRAZIL R Bras; 1900 EG, pop rock by Brazilian composers (Connell)
- 17820 CANADA CBCNS; 1602-1620 EG, Sunday Morning Nx, cmtry (Hoffmann)
- 17830 BRAZIL R Bras; 0200-0300* EG, music & specials, good (Manning4/15 Hesch,Bonnet)
- 17830 UNITED KINGDOM BBC WS; 1645 EG, Letter From America (Hoffmann)
- 17830 SWITZERLAND SRI; 1822 EG, Shortwave Merry-Go-Round, under Moscow w//17850 slightly better (Lucas 3/27) 2153 EG, interview w/ refugees in Zaire, ID, local nx, good (Hesch 3/4)
- 17830 EAST GERMANY R Berlin Int'l; 1345 EG, pgm sked, nx, cmtry, to Afr (Zilmer 4/1) 1830 EG, pgm on aid to Afr nations (Connell 3/27)
- 17835 PORTUGAL RFE; 1900 Czech, nx, M annr (Sarkisian 3/9)
- 17840.6 SWEDEN RS; 0230-0300 EG, SSB, News Day Monday, SCDX (Strauss)
- 17840 PAKISTAN RP; 0242 EG, slow speed nx, very poor (Wack)
- 17850 FRANCE RFI; 1605 FR, mx, FR pgm (Harrington 3/20)
- 17855 CHINA R Peking; 0300 EG, nx by M (Bauernhuber 3/19)
- 17860 FRANCE RFI; 1607 FR, tlk (better audio here) (Harrington 3/20) 1700 (lang????) tlk on Mitterand's visit to America, RM(Wack) 1700 EG, PCA, nx, mx, PO Box 9516, RM (Fraser 3/21, Jordan)
- 17865 WEST GERMANY RFE; 2045-2104 RM, quest/answr session abt politics, ID 2100 into nx; very good (Brouillette 3/14)
- 17870 USSR R Kiev; 0030-0100 EG, son, nx, highlights of Breshnev's speech (Manning 3/16) 0320-0330* EG, Ukrainian ballads, nx hdlines sked, off. (Purdum 3/8)
- 17870 LIBERIA VOA-Monrovia; 1830 EG, Music Time in Afr, RM (Fraser)
- 17875 INDIA AIR; 1010 EG, ID, mx, cmtry (Hahn 3/2)
- 17875 CANADA RCI; *2130-2158* EG, nx, sports, SWL Digest,good(Krist)
- 17880 ECUADOR HCJB; 0115-0145 EG, rel tlks (Bonnet 4/3)
- 17890 ECUADOR HCJB; 1335-1522 EG, Mountain Meditations, scriptural rd's rel mx (Manning 3/25, Hoffmann)
- 17895 USA WRNO; 1805-1905 Polish/German/EG, noted w/ PO rel pgm, into GM pgm "The Gospel Message",then into EG rel pgm at 1903; each pgm seperated by WRNO station ID's. Good (Hood 2/14)
- 17900 FRANCE RFI; 1712 EG, PCA, nx, mx, Spotlight on Afr(Kruezingr)
- 17915 USSR R Vilnius; 2305 EG, vocal mx, choir mx, g (Kreuzinger 3/28)

- 17931 SAUDI ARABIA Riyadh; 2218-2258 AR, orch mx, "Ebb Tide", poss nx @2230; next day at 1439-1737, all //15060. Terrible het w/Libya on 17930 (Young)
- 20000 USA WWV; 0220 EG, UTC time by M, full ID, addr, freq's (Krist)
- 21365 USA W5RRR Johnson Space Center; 1555 EG, calls ans wrd by M anncr (Sarkisian- MI 3/22)
- 21460 BELGIUM RTB; 1216 FA, concert mx, no ID until 1300 (Hesch 3/26)
- 21465 EAST GERMANY RBI; 1330-1350, 1425-1441 EG, world nx, cmtry on arms build-up, Japanese defense (SE Asia Svc)(Jordan, Purdum, Straka)
- 21475 FINLAND RF; 1300-1440 EG, Northern report, nx, cmtry (4 reports)
- 21477 ECUADOR HCJB; 2130 EG, DX Party Line, //26020 (Zilmer 3/29)
- 21480 NETHERLANDS RN; *0230 EG, ID, world nx, transm to Asia (Hesch)
- 21485 USA VOA; 2033 EG, item on Black Folk Art, nx, New Products (Krist)
- 21490 ASCENSION ISLAND VOA; 1312 SP, disco mx, sports (Purdum)
- 21500 EAST GERMANY RBI; 1545 EG, nx, cmtry, Afr Svc (Zilmer 3/26)
- 21505 CZECHOSLOVAKIA R Prague; 1530 EG, nx, cmtry (Zilmer 3/26) 3/3)
- 21515 USSR R Moscow; 0935 EG, cmtry on Poland, //21670, 21690 (Halsema)
- 21520 SWITZERLAND SRI; 0715 EG, Swiss Merry-Go-round, //21695, 15305, 9560, 9535, 6165 (Alexander 3/27)
- 21525 AUSTRIA ORF; 1230-1257 EG, pgm of tourism, press review, sports, Report from Austria (Manning 3/30, Jordan)
- 21525 BELGIUM BRT; *1400-1430* EG, Brussel's Calling, nx, letters, mx (Jordan 3/24, Roser)
- 21530 USSR RM via Petropavlovsk; 2155-2202, 0000-0240 EG, Moscow Mail-bag (Hensley 3/25, Luyster, Purdum)
- 21550 UK BBC WS; 1330 EG, discussion "Cancer & the Mind" (Witzig)
- 21550 SWEDEN RS; 0734 SW, SSB, discussion M & F (Halsema)
- 21560 ITALY RAI; 1830 IT, world nx & sports, good (Bolland 3/14)
- 21570 USA AFRTS; 0020 EG, non-stop classical mx w/rock beat (Reduced pgmning due to computer failure) (Fraser 3/11) Hoffmann, Straka)
- 21570 SWITZERLAND SRI; 1335, 1530 EG, Dateline, //17830, 15125 (Cucura, East Germany RBI; 1023 EG, cmtry of Youth Prgm (Bolland 3/15)
- 21575 IRAQ R Baghdad; 0306 EG, local mx, pgm on Iran-Iraq war (Jordan)
- 21585 PAKISTAN RP; 0230 EG, slow-speed nx, ID 0245, fair (Strauss, Manning)
- 21640 JAPAN RJ; 0130-0200 EG, Hello America pgm, JP lang lessons, cmtry on the budget (Wack 3/24, Hahn)
- 21655 UAE Dubai; 1400-1415 AR, drama, followed by ID & mx, f (Bolland) 7600 EG, story of Arab Civilization, requests for reports, JSL information, //17710, 15320; (Wack 4/3, Alexander, Zilmer)
- 21655 WEST GERMANY RFE; 1810 Polish, reading messages to people in Poland, followed by nx, good (Hesch 3/9)
- 21680 AUSTRALIA RA; 0040, 0907 EG, classical & rock mx, nx, //21650 at 0040, which was weaker (Luyster 4/5, Halsema)
- 21695 ITALY RAI; 1418-1424* IT, light mx, Panorama Italia pgm, fair (Bolland 3/6)
- 21740 AUSTRALIA RA; 0325 EG, pgm of mx, ID's (Shortridge)
- 21815 BELGIUM BRT; 1240-1300 DT, poss nx, folk mx, ID (Jordan 3/25, Krist) 7415 EG, cmtry on women's rights, mx, ID, strong (Straka 3/12)
- 23828.5H PARAGUAY R Nacional tentative, PT, 2x11914.25, likely Paraguay but no ID hrd, signal distorted (Moman 3/13) I haven't hrd Para bcsting in PT ????? bs Fraser)
- 25615 NORWAY RN; *1600 EG, Pop Time, Nx & Views (Hoffmann, 25650 UK BBC WS; 1310 EG, BBC 24 HOUR3 pgm, good (Jordan 3/25, Krist)
- 25730 NORWAY RN; 1800-1830 EG, nx, mailbag pgm (Luyster, Shortridge)
- 25780 SWITZERLAND SRI; *1314 EG, nx, profile of Rhine Felden (Krist)
- 25790 SOUTH AFRICA R RSA; 1324 EG, Sunday Aftnoon Mag show (Krist)
- 26000 PHILIPPINES AFRTS; 0653-0705 EG, Conference Call to 0700 AP nx, (Halsema)
- 26000 USA VOA; 1600, 2020-2100+ EG, Night Line Afr, Afr Panorama Pgm to Afr, very good (Krist 3/28, Sellers, Shortridge)
- 26030nf NORWAY RN; 1345 NO, cultural pgm, move from 26040 (Sams 3/22)
- 28800H CUBA R Moscow Relay; 0004 EG, nx, 3x9600, fair (Sellers 3/4)

Thanks for the loggings this month. Don't forget, send only your most recent loggings, please.

735, *[Handwritten signature]*

LOG

REPORTERS

FRENDX

Another fine turnout this month, with the following reporters sending in their loggings:

Brian Alexander, Mechanicsburg, PA (FRG-7700mod, R-4); Ray Bauernhuber, Rosedale, NY (RF-2800); Jeff Billor, East Brunswick, NJ (FRG-7700mod); Charles Bolland, Lakeworth, FL (FRG-7000); Arthur Bonnet, West Lafayette, IN (DX-302); Paul Brouillette, Sault Sainte Marie, MI (DX-160); Paul Buer, Miami, FL (SPR-4); Leslie Byron, Laurelton, NY (Patrolman); Paul Choroszy, Saco, ME (FRG-7000); Tony Cliff, Campbellville, ON (ICF-2001); Charles Connell, Fort Bragg, CA (CRF-320, RF-2900mod); Vladimir Cucura, Reading, PA (R-7); Larry Cunningham, Columbus, OH; Marlin Field, Hillsdale, MI (SPR-4); Bob Fraser, Cohasset, MA (XCR-30); Mark Glasgow, Calumet City, IL (DX-200); Jay Golden, Chicago, IL (R-7); Norman Grosvenor, Hollywood, CA (FRG-7); Jeffrey Hahn, San Diego, CA (FRG-7); James Halsema, Karachi, Pakistan (ICF-2001); Rob Harrington & Chris Knight, Raton, NM (R-1000); Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); Ruth Hesch, White Plains, NY (R-1000); Emmett Hoffmann, St. Louis, MO (51S-1, R-1530); Bill Hood, Lac du Bonnet, MB (R-4B, RA-17C); Jack Jones, Jackson, MS (R-600); Rufus Jordan, Pittsburgh, PA (DX-302, Transoceanic); David Kimmell, Nepean, ON (ICF-2001); Joseph Kononchik, Ledyard, CT (DX-302); William Krause, Anoka, MN (R-7); William Kreuzinger, San Pablo, CA (RF-2200); Kraig Krist, Falls Church, VA (FRG-7700); Andy Leskowitz, Marlboro, MA (DX-302); Chris Lobdell, Stoneham, MA (HQ-180AX, FRG-7000); Rick Lucas, Stockton, CA (R-1000); Ron Luyster, Canton, OH (ICF-2001); Sandra Manning, Garland, TX (FRG-7700); Brett Marker, Rockford, IL (CRF-320); Shane Mercer, Tyler, TX (DX-160); Don Moman, Edmonton, AB; Mike Nikolich, Chicago, IL (HQ-180, SPR-4); Eric Petruzzelli, ??????? (RF-2200); Mark Pettifor, Goshen, IN (DX-302); Martin Potter, Limoges, ON (R-4C, SB-310); Gene Perdum, East Lansing, MI (FRG-7700mod); Ben Radcliff, Peoria, IL (SB-310, HQ-150, DX-160); Steven Reinstein, Miramar, FL; David Reitz, Fern Creek, KY (DX-160); Christos Rigas, Chicago, IL (VEF206); Allen Roser, Hanover, PA (DX-200); Mitch Sams, Farmington, AR; Brian Sarkisian, Jasper, MI (RF-2600); Harold Sellers, Scarborough, ON (RF-2800); Bryan Sharpe, Castro Valley, CA (DX-302); Clayton Shortridge, Fort Wayne, IN (R-1000); Todd Smith, Wilton, CT; Donald Stidwell, Baltimore, MD (FRG-7, SP-400X, RF-2600); Andrew Straka, West Lawn, PA (ICF-6800W); Robert Strauss, Columbus, OH (FRG-7mod, FRG-7700mod); Brad Stucky, Derby, KS (DX-100); Jim & Nan Tedford, Marquette, MI (RF-2600); Ron Tekulve, Harrison, OH (RF-2600); Bob Underdown, Fayetteville, AR (FRG-7mod, ICF-5900W); James Udegraff, Noblesville, IN (RF-2200); Dave Valko, Dunlo, PA; Lou Wack, Annandale, VA (DX-100); John Wilkins, Wheat Ridge, CO (R-1000); Eric Witzig, Annandale, VA (R-1000); Robert Zilmer, Rio Rancho, NM (R-1000, ICF-5900W).

Please remember to use FRENEX log slips, cut your slips apart and include one signature slip. The deadline is the 12th of each month, so mail your reports in time to get to Austin by that date or they'll set here for a month before they're sent to the appropriate editor(s).

73 de tc

8120 Ripplewood Drive
Austin, TX 78758

Terry

ANTENNAS/ACCESSORIES

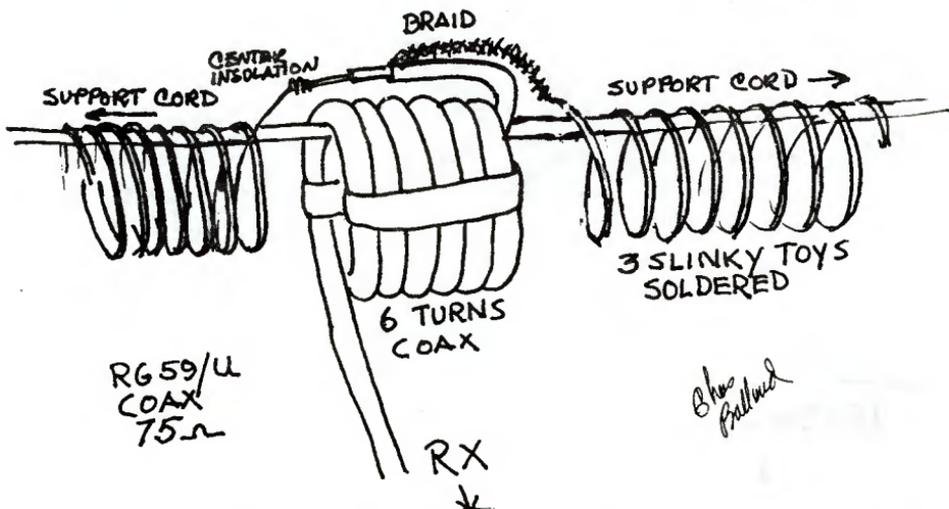
Editor: Mike Agner c/o Pa. Blue Shield Erford Rd. Bldg W6E1 Camp Hill Pa. 10711

Hi everyone! I hope this finds everyone in gud health and having had (will have) a pleasant holiday season. This month we present the Spiral Killer by Dr. Stu Klein. Onward....

Obtain 6 toy slinkies(steel, not plastic). You will notice that the ends are fastened together with small clamps. Loosen and remove these. Take 3 slinkies and solder them end to end. Use about $\frac{1}{2}$ turn of overlap and use the clamps for mechanical strength(also use a very hot iron...a slinky is a good heat sink!). Do this to the other 3 slinkies, so that you have 2 giant coils, each about 3 times the length of a toy slinky.

Using RG59/U coax, make a set of 6 turns at the end with a diameter of about $3\frac{1}{2}$ ". Tape or tie the coils together, or mount on cardboard(the turns will be about 3 inches wide). Strip about 4" of outer insulation from the end of the turns, being careful not to damage the braid. CAREFULLY remove the center insulation and conductor from the braid, and then twist the braid to make a lead. Remove about 1" of insulation from the center conductor. Mount 1 coil on a hanger cord (as shown in the block diagram below) then the coax turns, then the coil (the other coil; sorry typo! mja). Solder the braid lead to the end of one coil, and the center conductor to the end of the other coil, again using a very hot iron. Connect the other end of the coax to your receiver.

Mount as high as possible(near the ceiling) and try to keep clear of any metallic obstructions which can disrupt the field of the antenna. This will give good results on most every SW band...I know, this is what I use. (When mounted, try to spread the coils out as much as possible.



My thanks to Dr. Stu Klein (now living in my home state of NJ) for a fine article. Several people have reported using this with interesting results.

A footnote- our resident artist, Chuck Bolland, uses this antenna with RG58U coax and notes a 3db gain on his FRG7000 over the same antenna with the specified RG59U coax. Anyone else try this? 73e mja

CANADA AND THE FORTHCOMING HF BROADCASTING PLANNING CONFERENCE OF THE ITU

Montreal
March 15, 1982

As you may be aware, at the World Administrative Radio Conference of the International Telecommunications Union (ITU) in Geneva, Switzerland in late 1979, it was not possible to actually implement most of the changes affecting the HF broadcasting bands. This task was assigned to a HF Broadcasting Planning Meeting to be held in two sessions in 1983 & 1985.

The first session has in fact been postponed for one year, and will now take place in January-February 1984 and will consider the method of planning the frequency bands used for HF broadcasting. The second session, which will last approximately 6-8 weeks, will deal with the actual planning activities - this is to say session two will carry out the actual planning of the HF broadcasting bands using the methods decided upon during the first session, some 12 to 18 months earlier.

If you are a regular listener to the SW Listeners' Digest program on RCI you will have heard many of the details of the Canadian proposal which will be put forth at the first session of this HF WARC in 1984. One of the prime architects of the Canadian proposal is George Jackson, formerly the Head of RCI's Engineering Services in Montreal, and now the HF Specialist with the Engineering HQ of the Canadian Broadcasting Corp. Mr. Jackson was interviewed on the SWL Digest in March & April. Also interviewed on this program, regarding the forthcoming HF WARC was Don Fraser of the International Telecommunications Branch of the Department of Communications in Ottawa. As Mr. Fraser mentioned during the interview, Canada is very interested in obtaining detailed comments from the SW listening community generally, and the SWL hobby community in particular. The comments received will be passed along to the committee preparing for the HF Broadcasting Conf. To this end, RCI and the SW Listeners' Digest are cooperating with the Dept. of Communications in a project to elicit as much input as possible from SWLs and DXers in many different parts of the world. This project is in turn being carried out with the support and cooperation of the Association of North American Radio Clubs, and the European DX Council.

We would, therefore, be most grateful indeed to have your considered opinions on the following questions.

- (1) What corrective action would you consider useful in resolving the present chaotic conditions on the Intl. SW Broadcasting Bands?
- (2) What action would you see as being necessary to make possible a world-wide, equitable allocation procedure for the SW Broadcasting Bands?
- (3) What procedure would you foresee as being necessary in any changeover to SSB for international SW broadcasting stations? What sort of time frame should be involved?

- (4) What action do you anticipate might be necessary to achieve an agreement on power limits for international HF broadcasting? What should this transmitter power limit be?
- (5) Do you consider it necessary for any SW broadcasting station to transmit the same program on more than one frequency in a given band, at any given time?
- (6) How do you view the national, and international aspects of SW broadcasting?
- (7) What would you suggest as a solution to the problem of the out-of-band broadcasting activities which are carried out by some 30 member administrations of the ITU?
- (8) As an active SW listener, what receiver improvements or voluntary standards on the part of manufacturers would you feel might be useful or necessary?
- (9) Do you think that the existing HF broadcasting bands are being properly used at the present time? Do you think that a World Administrative Radio Conference on HF broadcasting in 1984 would be useful?
- (10) What proportion of your radio listening activities is devoted to the following categories:
(PLEASE CIRCLE THE APPROPRIATE PERCENTAGE FIGURE)

SWling: % 10 20 30 40 50 60 70 80 90 100

DXing : % 10 20 30 40 50 60 70 80 90 100

PLEASE NOTE:

Please ensure that you number your responses according to the number of the question. Also, please feel quite free to add any general comments you might have pertaining to areas not covered by a specific question.

RETURNING YOUR QUESTIONNAIRE

If you live in Europe please forward your completed questionnaire to:

EDXC (RCI-HF WARC), P.O. Box 4, St-Ives, Huntingdon, Cambs. PE17 4FE (ENGLAND)

If you live in North America or elsewhere (except Europe) please use the following address:

Radio Canada International, RCI/HF WARC, P.O. Box 6000, Montreal (CANADA) H3C 3A8

We'll be looking forward to receiving your answers and opinions, and we'd appreciate hearing from you by August 1/82 at the latest, to ensure that there is sufficient time to consider all returned questionnaires.

As a token of appreciation of the time and effort spent on this questionnaire we'll be sending some interesting communications publications to everyone taking part in this project.

Many thanks in advance for your valued assistance.

Sincerely yours,

Ian McFarland

Ian Mc Farland
Producer/Host - SWL Digest
RCI (Montreal)

HAP BID WINNERS: Kapinos(345), Cerardi(362,364), Cronin(335), Lerner(330), Semesky(305,306,311,319,320,334,336,344,355,360,361), Schlesinger(321), Southwell(303,316,325,338,347,359), Lax(350), Strickert(329,352,354), Wien(353,356), Campbell(366,367), Schindler(357,358), Leal(307,343,348), Hochstoster(368), Kramer(342) and Dickerson(313,351).... Thank you very much.. Sam.

BID ITEMS: #426: Deutsche Welle(Germany)sticker(3.5x5.5") B&W, blue. #427: Deutsche Welle sticker(4x4.5") m/c. #428: Deutsche Welle sticker(4.5x4.5") B&W, red. #429: Radio RSA(South Africa) key chain, orange, blue-nice! #430: Radio RSA coaster(4"cir) silver, blue-sharp! #431: Radio RSA sticker(3.5x5.5") yellow, black. #432: Capital Radio(UK)sticker, orange, black-beautiful! #433: Capital Radio sticker(4"cir) blue, white. #434: Capital Radio sticker(2x4") red, white, blue. #435: WDR Radio(Germany)station pen, black, blue-sharp! #436: KICY(Alaska)plastic money pouch(2.5"cir) blue, white. #437: Radio Paradise(Italy)"Erotic Nude"sticker(3x4") m/c-not much to say! #438: Radio Firenze(Italy)2 different stickers, m/c-very nice! #439: CBC South West Ontario plastic litter bag(7x10") gold, white-nice! #440: Radio Hallam(UK)sticker(2x13.5") m/c. #441: Radio Waikato(New Zealand)sticker(3x9.5") m/c. #442: WBUR T-Shirt(XL) m/c. #443: WBUR T-Shirt(L) m/c. #444: WBUR T-Shirt(M) m/c. #445: Radio Rhema(New Zealand)poster(11.5x17") m/c. #446: KVET "Cowboy"sticker(6"cir) m/c-sharp! #447: RTE Radio(Ireland)station pencil, red, black. #448: RTE Radio station pen, black, gold-very nice! #449: Capital Radio(UK)sticker(1.5x11.5") m/c. #450: Radio Veronica(Holland)cassette tape in Dutch of this EuroPirate station. #451: Radio Renascenca(Portugal)cassette"Disco"tape C60. #452: Radio Renascenca cassette"Varios Grande Parada"tape C60. #453: Radio Mexico-XERMEX cassette tape of beautiful Mexican music C60. #454: 1960 Alaska cassette tape of KINY, KJNO, KIVH, KBYR, AFRS and others C60. #455: 1960 Alaska and Yukon Territory cassette tape of CFWH, CFYT, KFAR, KFRB, AFRS and others C60. #456: 1960 Alaska cassette tape of KFAR, KENI, KLAM, KUDA, AFRS and others C60. Items #450-456 are all studio quality!!! #457: Radio Berlin International(DDR)soccer ball key chain, B&W. #458: Radio Nacional de Espana-Cataluna sticker"Aqui La Radio" B&W. #459: RNE-Cataluna sticker"La Radio". #460: IBA(Israel)tasseled "Flowers of the Holy Land" book marker(1.5x10") very beautiful!!! #461: Radio Prague(Czechoslovakia)lapel pin, red, gold-rare! #462: Radio Prague lapel pin "45th Anniversary" blue, gold-rare! #463: Radio Prague lapel pin "45th Anniversary" blue, gold, red-rare! #464: Radio Prague lapel pin, blue, gold-rare! #465: Radio Berlin International(DDR)coaster(4"cir) m/c. #466: Radio Prague cloth book marker"Building"(3x10.5") gold, B&W-beautiful! #467: Radio Prague cloth book marker"Woman with Flowers"(2.5x8") m/c-beautiful! #468: Radio Prague double sided cloth pennant, plastic enclosed-very nice! #469: HIAH Radio Disco(Dominican Rep) sticker(3x7.5") red, white-rare! #470: CFOX sticker(4.5"cir) m/c-really beautiful! #471: Metro Radio(UK)sticker(4x5") m/c. #472: Metro Radio metal badge(2"cir) m/c. #473: CBC Radio iron-on T-Shirt decal "90 Minutes with a Bullet" m/c. #474: CBC Radio iron-on T-Shirt decal "Dr. Bundo's Pandemonium Medicine Show" m/c. #475: WMMR metal badge(1.5"cir) m/c. #476: WPLR key chain red, white. #477: KHJ "Cowboy"metal badge(1.5"cir) blue, white. #478: Radio San Sebastian(Spain) paper pennant(4x6") blue, B&W. #479: Radio Veritas(Philippines)paper pennant(3x5.5") red, blue, black. #480: Radio France International cloth pennant(4x8") blue, white. #481: Radio Sweden paper pennant(4x8.5") blue, yellow. #482: Radio Mexico-XERMEX cloth pennant(6x8.5") m/c-sharp! #483: Radio Canada International vinal pennant(4.5x9") red, white.... Hope you like it!!!

SPECIAL SERVICE: Send us a letter with a listing of the type of items that you would like to see in the HAP Page. These may include pins, badges, stickers, decals, pens, patches, pennants (please specify) etc... We will do our best to get them in. Also include a \$37 SASE to receive our latest listing of unadvertised items... Sam.

DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any five(5) for \$1.00. New since last issue: CHFX, CHNS(large), CHNS(small), KATA, WDLW, WMCX, KFMI, KEKA. The following are also available: WITL, WHDH, 8DN, KSPX, KFRC, Radio Berlin International, CKNW(hockey) Radio Bucharest, Radio Polonia, BRT-Belgium, RFI(large), RFI(small), Radio Victory(UK), WDIZ, KMEL, KMOX WJVA, WRCK(new), KCBS, WLPX, KATR, KBDF, CBE, KBDF-1280, CFMI, KING, Radio Aire(UK), Radio City-194, KWAX, KSRO, WLIR(large), WLIR(small), WFJA, WMMR, WMET(large), WMET(small), KLOS(small), KLOS, KHFI, Radio Hallum(UK), CKLM, WIRE, WDBA, WQMF, WOWO, KJR, Swiss Radio International, Radio Tees, WAEB, Piccadilly Radio, KLTE, WLUP(rock), WLUP(loop), WINS, WPLR(large), WPLR(small), WDOV, KREM, Canadian Forces Network, WNNI, KROY, WYSL, WWSW, WPFK, WHAL, WKJT, WCFI, WDET(large), WDET(small), HCJB, ABC-Perth, BBC-World Service, 3MP, ORF-Austria, 6WF, RFI(50th Anniversary), and ANARC.

ADDITIONAL DIRECT SALE ITEMS: Metal station badges from Radio City-194, WMET, CFTK, KZAM and KZAM "5th Anniversary" at \$.50 each; Radio Nederland stickers 3 different for \$1.00: Radio London and Radio Caroline mini-posters (B&W) at \$.25 each; Radio El Mundo, NYFR, Trans World Radio and Deutschlandfunk Radio stickers at \$.50 each; WPEZ paper hat at \$.50 each; CBC tote bags at \$.50 each; WWWE litter bags at \$.50 each; WSBT/WNJY ice scraper at \$.50 each; plastic station ID cards from KREM and KSRO at \$.25 each; WINS blue plastic visor cap at \$1.50 each; iron-on T-Shirt patches from WEMP, WSN and WQFM at \$.50 each;

SPECIAL OFFER: On all orders for direct sale items that exceed \$5.00 we will include free: 1982 BBC World Service calendars, WMMR "Rock and Roll" book covers and WRCK table napkins! We make this offer for as long as the supply lasts.... Sam.

-SHIRT OFFER: The following T-Shirts are available in the stated sizes for \$2.00 each: KLOS(XS)(S), WPLR(S)(M); WRCK T-Shirts in sizes (S)(M) are available for \$2.50 each. We are trying to obtain T-Shirts in larger sizes; however, at the above prices they do make for great gifts, night shirts for a child, or to send as a gift to your favorite station! Sam.

ADDRESS: Send your orders for direct sale items and your bids to Sam Barto, 460 Farnett St., B-19, Bristol, CT. USA 06010.... Please make your minimum order at least \$1.00!!!!!!

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