

SPEEDX

the dx radio magazine for active shortwave listeners

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*we support the
world dx handicapped aid campaign*



MARCH 1975

Vol. V - No. III



KEYNOTES



SPECIAL NOTICE

Effective April 1 1975, SPEEDX subscription rates will be increased to twelve dollars (\$12.00) per year. This rate will apply to first class mail in USA, Canada, and Mexico. Oversea rates will also be adjusted.

This increase, our first since the club was founded almost four years ago, is necessary due to inflationary costs of printing, paper, postage, and other expenses related to club operations.

-***-

CONGRATULATIONS TO 3 NEW FULL MEMBERS

BARRY HARDING
FRESNO, CA

DENNIS BOYCE
PUYALLUP, WA

STEVE WALLACE
LEWISTOWN, PA

Certificates of Full Membership and a copy of the SPEEDX Constitution were mailed to each of the above in February.

-***-

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

NELSON TAILLON
B.C. CANADA

RALPH SANSEERINO
HUNTINGTON BEACH, CA

ARNOLD MADIOI
GRAND HAVEN, MI

GEORGE ZINK
SOUTH GATE, CA

MARTIN FOLTZ
IANSING, MI

STANLEY MIKLEJEWSKI
BARNSVILLE, MN

JOSEPH GRENDA
MORTON GROVE, IL

JEROME SVINICKI
JACKSON, MI

We are looking forward to hearing from you often, SPEEDX urges you to support the various columns and sections by sharing your loggings and thoughts with the full membership. SPEEDX needs you.

-***-

SCADS MEETING---BIG SUCCESS

The Southern California Area DXERS meeting of Feb. 15 & 16 in Tustin, Ca. with 42 DXers attending, turned out to be a mini convention. Agenda included: ANARC discussion by the Executive Secretary, Dave Browne. BCB DXing by Father Jack Pejza, and long wave by John Clements. A taped DX quiz by SPEEDXer, Doug Snyder, our former QSL editor. A BCB quiz by Rick Heald and a written DX quiz by Eric Cooper. KWIZ was host to an AM Radio station tour.

A very active auction was conducted by Dave Thorne, former SPEEDX Business Manager, which netted \$155.72 for HAP. The group listened to a very nice taped greeting from Clayton Howard, HCJB's DX Party Line host. (thanks Mr. Howard)

There were many door prizes, the grand prize, a beautiful 24 hour clock, won by SCADS host, Don Johnson. Who?

Thanks to Stewart MacKenzie and Don Johnson for a well organized get-together.

Editors note; The agenda is set out here to give other area DXing groups an idea for a successful meet.

-***-

PERKINS SHORT WAVE CLUB

The Perkins School for the Blind in Watertown, Mass, has formed a Short-

Wave Listeners Club. Under the direction of SPEEDXer Bill Howat of the Perkins Staff and Ken Compton of Boston Area DXers; the club is open to both staff and students. Meetings are held twice monthly. Assistance in forming the club has come in from SPEEDXers Frank Testa, Evelyn Turner, Harry van Gelder of Radio Nederland, Gene Moser of HAP, Ian McFarland of Radio Canada, Keith Glover of Radio Australia and Arthur Cushen of New Zealand. The club activities have met with enthusiasm from the members and we all look forward to future meetings. (as reported by Bill Howat)

The club would like to share information and ideas with other clubs. If interested contact Bill Howat - Perkins Short Wave Club - Perkins School for the Blind, Watertown, Mass. 02172.

-***-

FT. LAUDERDALE WFTDA '75 CONVENTION

The 1975 WFTDA convention will be held in Lighthouse Point, just north of Fort Lauderdale, Fla., August 1 - 3. Richard Clark & Ken Simon, invites all DXers to come and see Florida. For particulars, contact Kenneth R. Simon 528 Pilgrim Road, West Palm Beach, Fla. 33405.

-***-

RADIO SPECTRUM COURSE

DX Juke Box host, Dick Speekman, informs us that starting in March, Radio Nederland will air a new course, compiled by Jim Vastenhoude called Radio Spectrum. The course will cover: the types of radio emissions, band allocation, modulation, the shortwave and tropical bands, the antenna bands, etc.

The texts and diagrams are free of charge. All those interested should register now for the twelve lessons.

-***-

RADIO JAPAN'S ESSAY CONTEST

The authors of winning essays will be invited to Japan for 8 days to see Japan, including the International Ocean Exposition, Okinawa. 10 consolation prizes and 100 small gifts will be presented. Your choice of one of two themes. "The Sea We Would Like To See"---"Upon Listening To Radio -- Japan". Length of essay; 500 words, English. Deadline; April 30, 1975. Entries to contain; name, address, age, sex & occupation, to be printed. Mail to: NHK's Overseas Broadcasting Department, Jinnan, Shibuya, Tokyo, Japan 150. Announcement of winners; July 20 through Radio Japan's broadcasts...I hope a SPEEDXer will be flying to Japan in October 1975. Hi.

-***-



FOR SALE

Drake SPR-4 Receiver. 200 kHz-10 mHz plus 25, 19, 16 & 13 meter bands. (over \$100 worth of X-tals) X-tal calibrator (cost \$20.00) built in. Mint condition. Sacrafice \$500. Andy Kerr, 419 NW 26th, #1, Corvallis, OR 97330.

SWAN 500 HAM Tranceiver w/sp & pwr supply. \$325. Mark Koukol, Apt E-1 1400 W Lincoln Hwy, De Kalb, Il.

Partridge Electronics Aerial Band Switch/Artificial Earth, Kojo SSB Filter for Rcvr, no cabinet, in kit form, 25 crystals for R-4B. SPEEDX & SWLC rubber stamps, ITU

from Semaphore to Satellite, Spring 1970 US Ham call book, ITU lists and a number of back issues of WRTH. Don Griffith, 1207 Pinyon Dr. Apt 7, Manchester MO. 63011.



DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

ENERGY CONSERVATION AND THE DXER (or "How To Succeed In DXing Without Really Listening"):

One of the biggest drags in the radio listening hobby is that normally you must first hear the station before you can verify it. In addition you have to spend out hard-earned \$\$\$ for a receiver and then risk life and limb to erect a suitable antenna. Then to add insult to injury there's all those hours one must devote to actually listening for some static-laden, half-distinguishable sound... presumably from some Allah-forsaken sand dune that Gerry Dexter never heard of such less heard from...and worst of all...burning up all that extra energy in direct violation of your more patriotic leanings. Now I ask you...is all this frustration really necessary? Of course not! For example, on a recent edition of a respected DX program carried by a major SW broadcaster the program co-host recoiled in horror as he read the following excerpt from a letter written by a North American enthusiast. The letter started normally enough with "...I have an interest in Radio Ulan Bator-Mongolia...however, I don't believe that many Americans have ever yet heard that station as I know that they don't beam to the Americas, but I would appreciate it if any listeners in the United States who do hear that station would kindly write to the club or myself and pass it along." Now, however, the ordinary takes a dramatic turn toward the extraordinary as we read on. "I am interested in obtaining a Radio Ulan Bator QSL card... so I would appreciate a reception report so that I can send it along in my name to them so that I will be able to receive such a card." Mercifully, both identification of the DXer and his club were withheld, but think of the time and the energy one could save by utilizing his method. Hey, Al Sizer, I have an interest in the Falkland Islands, so the next time you log them send me the reception report so that I can receive a Falkland Islands QSL card...?'s and no DX at all!



МАМКИ И ДАКОЗЕ НА ЗИМЕРКАНСКИМ ТЕЛЕВИДЕНИЕ:

The voice emanating from my television set was very familiar. The sight of the short, middle-aged, heavy-set man from whom these sounds were flowing was not. Nevertheless, there was Joe Adamov, known to Radio Moscow listeners as the voice of their "Mailbag" sessions, peering out into my living room, serving as a week-long co-host on the Mike Douglas Show's review of their Soviet visit...Shortwave personalities are everywhere!

COINS COMMEMORATING RADIO HISTORY: A fifty schilling coin honoring fifty years of the Austrian Radio has been issued in Austria. One side of the coin shows a stylized radio transmitter encircled by an inscription "50 Jahre Osterreichischer Rundfunk 1924-1974".... There is also a new Italian 100-lira coin picturing on the front Guglielmo Marconi and on the reverse a frame aerial.....

ACORNS FROM OAKDALE:



The International Dateline is a worldwide telephone service for the lovelorn.

(Blame this on Wes Mullen)



Drawn for Broadcasting by Jack Schmitt:
"Here's a special bulletin... Due to a power failure, we are temporarily off the air..."

YOU'RE NOT LIKELY TO HEAR IT ON RADIO BUCHAREST, BUT... the fabled and beautiful Blue Danube, saluted in song and story, is mud-colored. Recently, Romanian ecologists have become publicly concerned about the gradual ruin of the delta near Tulcea...one of Europe's most unusual areas of bird, fish, and plant life. The marshes once full of captivating life are now dead water...the reduction of the fish population is due to water pollution. As pointed out in a recent Associated Press item, some sixty varieties of fish, including the caviar-producing Sturgeon, are still found in the delta, but fish production has dropped to half the level of ten years ago. Further, factories and towns in West Germany, Austria, Czechoslovakia, Hungary, Yugoslavia, Romania, Bulgaria, and the Soviet Union do pour chemicals and sewage into the Danube. Beautiful "Brown" Danube, anyone?





DX MONTAGE






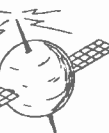
The SOAP BOX

A DIVISION OF "DX MONTAGE"

Moderator: *Alan W. Bracker*



No two topics have prompted as much discussion atop "THE SOAP BOX" as the advent of broadcast satellites and the use of reception rating codes. This month two SPEEDXers share some thoughts on each of these two subjects...perhaps it's your turn next on "THE SOAP BOX"....

GREG PARIS (Michigan): "I seriously doubt that satellite DXing will become anything for a number of years. My main reason for thinking this is based on a little thought that I hope is correct...
 "...Since the ionosphere refracts shortwave signals back toward the earth, it would seem to me that those same signals beamed from space would be seriously weakened or gone before reaching earth. This would mean that these satellites would have to use VHF or UHF frequencies like NASA does before their signals could be heard. DXers would need different receivers to hear these satellites. For those people in the shortwave audience without this type of receiver the broadcasters would still have to provide a good shortwave service. Thus the shortwave band still will be crowded...real DX still will be hard to hear at best..."

JIM DAVIS (California): "Shortwave by satellite would be the greatest thing for radio since the spark gap...
 "...With stations having one North American service instead of three, one frequency instead of six, plus lower power, plus more use of out-of-band frequencies, rare DX would be laid on your doorstep, stations now buried under those 250-, 500-, and 700- KW monsters...
 "...As to the problem of obtaining satellites, the United States, the Soviet Union, China, Britain, and Canada, to name a few, have theirs already and they could pool with their allies...
 "...The main reasons against such a revision of the archaic methods in operation are not technical, but political. Technically, you could've been listening to shortwave by satellite ten years ago, but due to the great political paranoia that exists today, satellite broadcasting may not be a reality for thirty or forty years. Some of us won't last that long!"

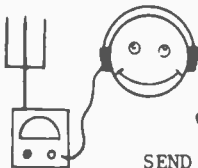
MIKE AGNER (New Jersey): "...Granted...the system is somewhat nondescript and granted there is a need for change...but this idea of using 'E', 'G', 'P', 'U' to describe reception conditions or the quality of the signal being received...well, it almost looks like the system of grading used in grammar school until recently. I favor the use of 4 to 1 scale...which is to say '4' equals good signal strength and '1' a useless level...
 "...But how about this idea...if a station is coming in at a '344' level... i.e., signal strength is fair, only a little QRM, and the overall merit is good...and this was an exceptional logging because it was the loudest you ever heard them...and you don't want to use a '555' rating...there's no such thing...you might want to put a little '+' next to it...e.g., '344+'..."



ROBERT FRENCH (Maryland): "...maybe this could help clear up some of the troubles people are having with SIO...I would suggest use of SINPFEMO for radiotelephony ratings...SINPO is for radiotelegraphy..."

The SINPFEMO code which Robert mentions calls for the usual SINPO categories in addition to 'F' for Frequency of Fading, 'E' covering Modulation Quality, and 'M' to call out the Depth of Modulation...The overall rating for radiotelephony operation is indicated below.

<u>SIGNAL STRENGTH</u>	<u>OPERATING CONDITIONS</u>	<u>QUALITY</u>
1....unusable.....	channel unusable by operators.....	not commercial
2....poor.....	channel just usable by operators.....	not commercial
3....fair.....	signal quality seriously affected*.....	marginally commercial
	(*channel usable by operators or by experienced subscribers)	
4....good.....	signal quality slightly affected.....	commercial
5....excellent.....	signal quality unaffected.....	commercial



TECHNICAL TOPICS

Q-MULTIPLIER?
GAIN?

AVC?

IMAGE?
TUNER?

ANTENNA?

CROSS-MOD?

AGC?

LSB?

S-METER?



SEND YOUR TECHNICAL QUESTIONS TO:

JOHN KOLB
12532 ARABIAN WAY
POWAY, CAL. 92064

There has been quite a lot of discussion lately, both in print and at the recent SCADS meeting, about the lack of variety in the communications receiver field. Let's look and see what all is available.

First, there are a large number of portable transistor which include one or more SW bands. Some of these include a BFO or S meter. While these are not suitable for anyone who takes short wave listening seriously, they do serve to bring newcomers into the hobby.

Next is the economy class. This includes the Heathkit SW-717, GR-78; Lafayette HA-600A; and Realistic DX-160. More or less an outgrowth of the high volume Japanese transistor radio production techniques, with FET front ends, and ceramic mechanical filters, these are much better than the receivers offered in the \$100-\$150 range by the American manufacturers in the 1950's and early 60's when I was starting to listen.

Now a giant step upward, to receivers with dials you can read to 5 or even 1 kHz steps. Barlow-Wadley XCR-30, Drake SW-4A, and Heathkit SB-313. These three (and I would love to be able to list the Radio Shack SX-190 here also, but alas...) are certainly not copies of each other but completely different approaches to making a medium priced (\$380 medium) receiver. The XCR-30 features portability and general coverage; the SW-4A offers outstanding performance but lacks sideband capability and broadcast band, and requires extra crystals for additional frequency coverage; the SB-313 lacks the ability to add or change coverage from the 500 kHz bands Heath built in.

The next step is up to the Drake SPR-4, and from there up to the Drake DSR-1, Galaxy R-1530, or National HRO-500 for those who demand complete coverage. The SPR-4 is listed in this category because it is complete except for freq. coverage, which can be increased with accessory crystals. There are a few other receivers which tune in 500 kHz bands which can be converted for SWling, but these are mainly marketed for the hams. Above these is a class of professional quality receivers costing \$5,000 plus or minus a few K.

There are not many openings in the above listing for a new combination of features. We do not need another model introduced that is equal to one of the above except for having gold knobs instead of silver. Anything entering the marketplace must add some features and drop others, to give the buyer a choice, or do the same thing for less. The second choice is not very likely in these days of inflation.

Let's take a look at the economics of building a new receiver. For a company to start from scratch instead of rehashing an existing design, might take a year and as much as \$100,000 before the first one is sold. The company has to choose a sale price that will cover the parts and labor involved, a profit for the company, an allowance for warranty repairs, and repay the engineering costs. If the company expects to sell 500 of this model, they must add \$200 to the price just for design; if they expect to sell 5000, they only have to add \$20. Of course, if they make similar products already, the engineering time and cost may be cut considerably. If this company truly has the better mousetrap, designed just for SWLs, how many can they sell? 5,000? No, closer to 500. There are only 2,000 or so SWLs in the U. S. that are members of ANARC clubs, and that's where you find the type of person that likes SWling enough to spend \$400-\$500 for a receiver. This means a manufacturer must aim at a broad market, not just SWLs. There are only two receivers in the above list which are designed only for SWling, the SB-313, and the SW-4A. The SB-313 is almost identical to the SB-303, a ham band only receiver, and the SW-4A was designed by Drake for station WNYW. Drake has sold more than 3,000 SPR-4's. You can be sure they weren't all to SWLs. There's one other factor. In the 1930's and 40's, the SWL, the ham, and the professional user all chose their receivers from the same few models available. There is now a vast difference between a hobby grade and professional grade receiver, and the difference is growing. This means fewer sales of a given model and thus higher cost. Parts cost also depends on volume. A single resistor may cost you 25¢, but if you buy 1,000, they are only 2¢ each.

What does all this mean. First, the range of available receivers is not that bad. And when you also include the used equipment available, and military surplus, the choices are fantastic. Out of room. Let me hear your conclusions on this. Continued next month.



H A P P E N I N G S

HANDICAPPED AID PROGRAM

GENE MOSER - HAP DIRECTOR
6805 Woodland Court
Coloma, Michigan 49038 USA



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

"OPEN LETTER" part 3: We close this series with a glance at HAP chapters and a close look at the new H.I.C.C.

CHAPTERS: There are now five (5) handicapped aid programs. One each in Canada, Great Britain, India, South Africa and the United States. HAP-US, as we designate ourself, is responsible for two of the above. We first established HAP-UK in Lancs, England. They, at this time, are 60% dependant on us for guidance, memberships and publicity. HAP-UK is accountable for nearly half of our memberships abroad. We have more members in England than any other country outside of our own. CHAP or HAP-CANADA has been self-reliant for most of its operation. We provided assistance in setting it up. Their policies are parallel to ours in most cases and my Board of Directors set on their advisory panel. Ted Hindle and Harold Sellers, chairmen of HAP-UK and HAP-CANADA (CHAP), deserve all the credit for the success of each chapter.

HAP INTERNATIONAL CO-ORDINATING COMMITTEE: A mouthful to pronounce, isn't it? HI. To shorten it we simply say H.I.C.C. What is it? And what will it do? Well, first it is a body made up of all current handicapped aid programs. No one H.A.P. governs or makes their control over another alike program. It is a meeting place for each HAP to discuss their projects, ideas, success' and failures. The H.I.C.C. is also a publicity agent for all H.A.P.'s to keep the shortwave world aware of what is being done for the physically handicapped. We publish and air mail the H.I.C.C. Newsletter free of charge to most shortwave broadcasters, BCB, SW Club publishers, etc. every three months. The columns in our "house organ" will present news of each H.A.P. written by their chairmen or directors. Such broadcasters which are H.I.C.C. Representatives will also present columns detailing their efforts to bring this hobby to the handicapped. Arthur Cushen, Harry van Gelder, Ian MacFarland, Clayton Howard, Gerry Wood, Bob Lanatti will all write for the Newsletter. Ian MacFarland of Radio Canada International has arranged for the printing and mailing of the H.I.C.C. Newsletter. All of the expenses to the H.I.C.C. for these two costs are nil because of Ian's generosity. He has my thanks for we could not publish a newsletter of its size and quality without his help. There will be enough information in each NL to supply a club bulletin for more than three months. Clubs may print news of any H.A.P. or broadcaster as long as the "H.I.C.C. Newsletter" and H.A.P./broadcasters are credited. Entire columns or excerpts may be published. An NL column consists of 500 words so they may be reproduced in an offset bulletin if a club so wishes. We will acknowledge all clubs in our NL who regularly print H.I.C.C. news if you will notify HAP-US as we would undoubtedly miss a club should we not get their magazine. In turn for your courtesy of printing H.I.C.C. news your club, its address and current membership rates will be printed each quarter in which we publish. These in turn may be used by H.I.C.C. Representatives who are in the broadcasting field. The HAP INTERNATIONAL CO-ORDINATING COMMITTEE is here to serve all projects developed to help the handicapped with our hobby while providing a voice for their work so they may receive your support. Most have no means of support other than your donations, and without financial backing any program is doomed for failure.

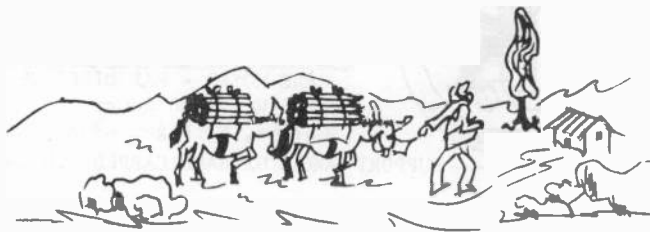
THE END OF THE BEGINNING: This series is over, but for the H.I.C.C. it is only the beginning. It is my hope to announce a major change in HAP-US within the near future. You will read it here first as you and SPEEDX began our work. I know you will like it.

APPOINTMENT: Mrs. Julie Montal is now working with me as my secretary. My personal time has been limited by expanded work in our business, the HAP workload has also increased to the point where I can not answer all the mail with a pen. Julie types my dictation at a faster rate than I can hand write a letter and she is minutes away. Her volunteer help is more appreciated than words can express.

SWBC DX - Western Hemisphere

— EDITOR —

E.J. "Jim" Whitehead
177 Pine Ridge Road
Reading, Mass. 01867



REFRÁN

"No se ganó Zamora en un día"

LATIN POTPOURRI

Just in case you haven't heard, Radio Belize is once again being widely reported with poor to fair reception on 3300 khz after a long absence. If you are fortunate enough to pull them out of the heterodyne and noise, early evenings and mornings seem best, chances are you'll hear their usual mixed bag of newscasts, weather reports, pop music, ads, and both locally and BBC Transcription Service features. Be extremely careful not to confuse Radio Belize and its co-channel neighbor, R. Cultural. These two stations both use English and Spanish language programming and the only sure way to tell them apart is to catch an ID which, for Radio Belize, is as is listed in the WRTH.

Radio Clarín continues to operate on 11700 khz on a daily basis and has added a lengthy English language identifying announcement. While speaking of Radio Clarín we might also take the opportunity to once again plug the program "Clarín Internacional". This feature program may be heard nightly at 0130 GMT and is produced by Teo Veras, a 24 year old medical student. If you sent a report to Radio Clarín, chances are it was read during this program. Your editor spent a very enjoyable and educational evening last week listening to various taped reports sent in. Perhaps the most interesting tape was from Italy but, it was a sobering experience to hear the quality of the reports and the gifts they included. With competition like that it is no wonder my reports so often go unanswered.

Congratulations are in order for Jr. Clarence Jones, co-founder of HCJB, who recently was named to the National Religious Broadcasters' Hall of Fame. A recent "PASSPORT" program aired a tape of the proceedings which included, among other things, a special program from HCJB. That means I heard Quito in Washington, D.C. from Quito in Reading. Did I get that right? I wonder....

Now, if that didn't confuse you, I'm sure the Radio Seis, ex Radio Fiesta, ex Radio Tricolor situation has confused us all. Now we learn from Sweden Calling DXers Bulletin #1309 and from Glenn Hauser that the story goes like this. Seems Radio Fiesta and Radio Tricolor changed places. Thus XERH, formerly Radio Tricolor, became Radio Fiesta and XESM, formerly Radio Fiesta, became Radio Tricolor. Now this is not too hard to understand since both stations are part of the six station Grupo Radio Distrito Federal and the change, no doubt, reflected a shift in programming emphasis. But, it didn't stop there because, in December, the six stations started calling themselves Radio Uno, Dos, Tres, and, you guessed it, Radio Seis. Furthermore, the group, which briefly called itself the "Grupo Oro" last fall, adopted the name Organización Radio Formula. We'll probably never learn the reasons for all this shuffling but at least you're no longer confused. Right????

Programming shifts are also occurring in Venezuela where a new law regulating the programming content has now gone into full effect. Designed to subsidize the local record and entertainment industry, this law decrees that music played between seven in the morning and ten at night must consist of at least 25 percent traditional Venezuelan music, 10 percent classical or concert music composed or played by Venezuelans, and

15 percent popular music composed or played by Venezuelan artists. Having fulfilled this commitment, the stations are free to play music of their choice. While generally applauded, this law has been strongly opposed by those who, like myself, see a dangerous precedent being set.

Well, before I run out of room to print them I'd best get to the loggings. Hey, who missed last month's easy refrán "In my own house I am king"? Bet you get this month's one too. Guess I'm getting soft in my old age.

ARGENTINA

- 6060 0445 LRA31 R. Nacional:Sp.w/pop mx, ID (333,1/9;MacCoy-AZ)(323,0955,2/2;Rodriguez-PR)(433,to 0500*,1/21;Cleveland-CA)
- 9690 0553 LRA32 R.A.E.:Eng.w/nx, ID, tango mx (444,12/31;Stuart-OK)(1/10;Cleveland-CA)(1/16;Bixby-CA)(2/6;Jones-MS)(1/23;Gelfand-NY)(1/18;Thompson-NM)(1/27;Famularo-NJ)
- 11710 2321 LRA35 R.A.E.:Eng.w/ Argentine mx pgm (434,1/31;Sauu-MI)(333,2348,1/13;Lovett-OH)(353,2313,1/14;Famularo-NJ)
- 15290 0000 LRU R. El Mundo:Sp.w/tlk, music (242,2/6;Zilmer-WI)
- 15345 2000 LRA33 R. Nacional:Sp.w/tlk by 2 OM, into continuous music IDs @ 2012.(454,1/11;Beal-WA)



LR3 radio belgrano

URUGUAY 1237 - Tel. 42-9661/69 - Bs. As.

BELIZE

- 3300 0502 Radio Belize:Eng.w/nx, ID, prayer, complete ID, request for reception reports, anthem, "God Save the Queen" and off @ 0509 (343,2/1;Jones-MS)(232,0500,2/3;Jessen-OR)(344,0500,2/2;Vecchiola-PA)(322,0045,2/5;Whitehead-MA)

BOLIVIA

- 3440 0324 CP103 R. 27 de Diciembre:Sp.w/Andean mx, OM ID @ 0327, into PR) more Andean mx (253,1/25;Moore-PA)(231,0211,1/12;Rodriguez-CP?? R. Alfonso Padilla Vega:Sp.w/LA type mx (232,1/18;Henderson-MD) Nice catch Dan!! Answers a ? or two here.
- 4875 0150 CP75 La Cruz del Sur:Sp.w/concert mx, ID @ 0200 (222,1/31;Miller-OH)(232,0950,1/26;Rodriguez-PR)
- 6035 0145 CP92 R. Panamericana:Sp.w/"DISCOTECA" pgm, pop mx, nx by Banco de La Paz, ID @ 0200 w/ freqs, into pgm of Bolivian music (343,1/31;Whitehead-MA)(423,0219,2/6;Baron-PA)(333,1/31,0218;Jones-MS) Is definitely here tho reported moved.

BRAZIL

- 2400 0145 ZYZ30 R. Educação São José:Port.w/YL operatic mx, ID (323,1/18;Henderson-MD)(253,0945,1/27;Hauser-OK)
- 3315 0344 ZYL26 R. Gazeta de Alagoas:Port.w/OM tlk, IDs, romantic music (354,1/26;Moore-PA)
- 3375 0420 ZYK28 R. Olinda Pernambuco:Port.w/mx, ID, s/off @ 0528 (333,12/26;Wallace-PA)(333,0320,1/26;Vecchiola-PA)
- 4755 0022 ZYF23 R. Dif. do Maranhão:Port.w/OM tlk, ID w/freqs. (443,1/12;Rodriguez-PR)(443,????,1/28;Zilmer-WI)
- 4815 0041 XYD58 R. Dif. Petrópolis:Port.w/ads, IDs, TCs, continuous PR) Brazilian music, "Aquí difusora" anmts (444,1/24;Rodriguez-PR)
- 4845 0809 ZYU8 R. Dif Teresina:Port.w/ads, ID w/guitar music, Brazilian music pgm. (333,2/2;Rodriguez-PR)
- 4855 0225 ZYR61 R. Dif Taubaté:Port.w/continuous light instrumental mx OM tlk, ID, TCs (253,2/3;Whitehead-MA) PR)
- 4865 0130 PRC5 R. Clube do Pará:Port.w/ads, OM tlk (322,1/31;Rodriguez-PR)
- 4881 0801 ZYG26 R. Pioneira de Teresina:Port.w/sign on w/ frequencias, ID, program notes (433,2/2;Rodriguez-PR)
- 4905 0848 ZYD71 R. Relógio:Port.w/Brazilian pop mx, dedications (443,1/26;Rodriguez-PR)
- 4915 0130 ZYE2 R. Dif. Macapá:Port.w/OM tlk, ID @ 0134(222,1/22;Moore-PA)
- 4935 0138 ZYI21 R. Poti:Port.w/1930s-type mx, "R. Poti de Brasil" ID @ 0430 (233,1/25;Moore-PA)
- 4985 0144 ZYE236 R. Aparecida:Port.w/romantic mx, OM tlk, ID @ 0157 (222,1/25;Moore-PA)

BRAZIL (cont.)

- 4995 0208 ZYX2 R. Brasil Central:Port.w/music, ID(333,1/25;Yajko-PA)
 5055 0405 ZY023 R. Vitória:Port.w/TENTATIVE, mx, tkl (353,1/26;Moore-PA)
 6000 0850 PRK5 R. Inconfidência:Port.w/LA mx laced with tkl, ID @ 0915
 (333,1/20;Gaede-CA)(312,0255,2/10;Rodriguez-PR)(423,0021,
 2/10;Vecchiola-PA)(333,0258*,1/31;Jones-MS)
 6045 0758 ZYS33 R. Clube Paranaense:Port.w/music(322,1/15;Kiyomiya-JAPAN)
 6055 0100 PRB21 R. Panamericana:Port.w/rapid tkl, electronic tones spaced
 in between tkl (432,1/23;Zilmer-WI)
 6135 0841 PRC21 R. TV Gaúcha:Port.w/mx, ID @ 0845, KOed by Korea @ 0850
 (333,1/5;Junqua-JAPAN) Very nice catch!!
 9595 0010 ZYN29 R. Cultura da Bahia:Port.w/fast tkl, Brazilian mx, IDs
 (431,1/19;Zilmer-WI)(--2,0855,2/10, on 9593 TENT;Hauser-OK)
 9645 2200 ZYR78 R. Bandeirantes:Port.w/soccer game (232,2/1;Rodriguez-PR)
 9675 0015 ZYT29 R. Diário da Manhã:Port.w/spts pgm (422,2/4;Zilmer-WI)
 9705 0230 ZYZ25 R. Mauá:Port.w/TENTATIVE logging of pop mx, OM & YL
 vocals, het spoiled @ 0237 (242,1/26;Earhart-PA)
 11765 0007 ZYB8 R. Tupi:Port.w/Brazilian pop music, ads (333,2/6;Miller-OH)
 (242,0228,1/23;Earhart-PA)
 11780 2100 PRL8 R. Nacional Brasília:Eng.w/"Just Ask" and other features
 (--4,1/15;Kerrigan-IL)(1/28;Pimblett-ALBERTA)(1/31;White-
 head-MA)(2/7;Vogel-PA)(1/23;Earhart-PA)
 11785 0241 ZYU61 R. Guaíba:Port.w/cont. inst. mx (454,1/13;Rodriguez-PR)
 11925 0250 ZYR78 R. Bandeirantes:Port.w/ tkl, pop mx (252,1/23;Earhart-PA)
 11965 0235 PRB24 R. Record:Port.w/TENTATIVE, tkl (232,1/23;Earhart-PA)
 15145 1930 ZYB87 R. Jornal do Comércio:Port.w/rapid tkl, ID @ 1935 (433
 1/26;Zilmer-WI)
 15215 2340 ZYY9 R. Timbira:Port.w/OM tkl, mx (454,2/7;Dawson-CA)

CANADA

- 5925 0600 RCI:Fr.w/ tkl, features, also 2102-2159 (544,1/27;Earhart-PA)
 5960 0150 CBC No. Svc.:Eskimo w/choral mx (444,1/22;Miller-OH)(443,0128,
 1/27;Cleveland-CA)(444,1315,1/12;Yajko-PA)(444,0300,1/26;
 w/Eng. wx, spts, variety of other programming;Howat-MA)
 5970 0935 RCI:Eng.w/ tkl on recyclable car (444,1/20;Gaede-CA) To S. Pac.
 6005 1352 CFCX, Montreal:Eng.w/ads, mx, wx, nx, ID (454,1/15;Famularo-NJ)
 6030 0810 CFVP, Calgary:Eng.w/lt. mx. pgm under AFRTS, also "EYE OPENER" pgm
 at 1352 logged while on WCNA (322,1/22;Henderson-MD/WA)
 6070 0710 CPRX, Toronto:Eng.w/DJ pgm, ads, mx, etc. (322,2/4;Garrett-CA)(221,
 2300,1/26;Beal-WA)(323,2013,1/30;Sauu-MI)(242,1405,1/15;
 Famularo-NJ)(222,0705,12/30;Stuart-OK)
 6080 0100 CKFX, Vancouver:Eng.w/nx, C&W mx (222,1/13;Pimblett-ALBERTA)
 6085 0143 RCI:Eng.w/ tkl on ESP (554,1/23;Bixby-CA)(1/14;Thompson-NM)(1/18;
 Kelly-TN)(1/19;Yajko-PA)(1/23;Sauu-MI)(2/1;Scannell-MA)(1/25;
 Froemming-AZ)(2/2;Quinn-NY)(444,2117,1/27;Famularo-NJ NJ)
 6130 2006 CHNX, Halifax:Eng.w/R&R mx, wx (433,1/24;Quinn-NY)(1/22;Famularo-
 RCI:Eng.w/ tkl, ID (444,1/3;Stuart-OK)
 6160 1502 CKZU, Vancouver:Eng.w/local nx, wx (433,1/21;Cleveland-CA)
 9445 1845 RCI:Eng.w/RCSWC w/ID series (454,2/8;Vogel-PA)(454,0623,1/14;
 Dawson-CA)(444,2147,1/18;Smith-NY)
 9625 1400 CBC N.Svc.:Eng.w/ tkl, nx (544,1/20;Kelly-TN)(554,1910,2/8;Vogel-
 PA)(323,0310,1/21;Sauu-MI)(454,1455,2/2;Famularo-NJ)
 9685 2130 RCI:Eng.w/"Leggetts Legacy" pgm (444,1/26;Trzaskus-IL) Believe
 this is Daventry, England relay station not Sackville.
 9755 0100 RCI:Eng.w/mailbag pgm, RCSWC pgm (433,1/26;Howat-MA)
 11720 1635 CBC N.Svc.:Eng.w/nx, spts nx, ID @ 1645, into Fr.(333,1/12;Junqua-
 11865 1802 RCI:Eng.w/nx w/African emphasis (433,2/4;Earhart-PA) JAPAN)
 15325 1630 RCI:Eng.w/nx with African emphasis (554,1/19;Kelly-TN)

CHILE

- 6135 1030 CE613 R. de los Fuerzas Armadas y Carabineros de Chile:Sp.w/
 TENTATIVE logging of show tunes, lectura pública 1026, TC,
 chimes, Panorama Informativo (232,1/27;Hauser-OK) Name per WRTH
 6195 0945 CE619 R. Nacional:Sp.w/relay of various MW stns, noted this date
 w/TC, ad string incl. furniture ad, tropical mx, "Onda Noticiosa"
 pgm w/list of 8 periodistas "de CB114, R. Nacional de Chile"
 listed on 6190 in WRTH (232,2/10;Hauser-OK)
 9565 0035 CE956 R. Nacional de Chile:Eng.w/nx -(433,1/19;Pimblett-ALBERTA)
 (1/23;Earhart-PA)(1/18;Gaede-CA)(1/21;Lovett-OH)(1/19;Kelly-
 TN)(2/2;Scannell-MA)(1/22;Froemming-AZ)

CHILE (cont.)

9572 0204 CE957 R. Portales:Sp.w/ads,IDs,tlk (222,2/8;Lovett-OH)
 9750 2353 CE975 R. Minería:Sp.w/tlk,frequent IDs (432,1/19;Cleveland-CA)
 11810 1232 CE1181 R. Nacional de Chile:Eng.w/nx,cmntry (332,1/25;Zilmer-WI)
 15150 0040 CE1515 R. Nacional de Chile:Eng.w/YL cmntry (343,2/4;Beal-WA)

COLOMBIA

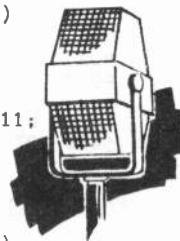
2140 0953 HJAH Emisora Atlántico:Sp.w/Colombian mx,ID @ 0955,TC. Is 2x
 1070 harmonic (253,2/2;Moore-PA)(354,0801,1/20;Hauser-OK)
 2440 1047 HJAV R. Cordobesa:Sp.w/Assumed logging of cough medicine ad
 (--3,1/27;Hauser-OK)
 2860 1053 HJLU Ecos del Ingrumá:Sp.w/TODELAR ID/TC LA mx,ads. Het on lo
 side. Is 2x 1430 har so don't confuse w/ other Colombian
 harmonics which have appeared here (233,1/13;Hauser-OK)
 4755 0520 HJKC Em. Nuevo Mundo:Sp.w/Col. mx,CARACOL promos (333,1/20;
 Redman-IL)(443,0510,1/28;Cleveland-CA)
 4775 0020 HJKW Em. Kennedy:Sp.w/nx,ads (222,1/24;Rodriguez-PR)
 4867 0438 HJLZ LV del Cinaruco:Sp.w/LA mx (443,1/13;Cleveland-CA)(333,
 0700,2/9,w/Colombian mx,CARACOL plugs;Redman-IL)
 4885 0453* HJIG Ondas del Meta:Sp.w/IDs,freqs,off w/NA (322,2/1;Jones-MS)
 (332,0505,1/22;Cleveland-CA)
 4945 0730 HJDH R. Colosal:Sp.w/Latin pop mx (322,1/15;Kiyomiya-JAPAN)
 (1/14;Yajko-PA)(2/3;Redman-IL)(2/1;Scannell-MA)
 4955 0110 HJCO R. Nacional:Sp.w/YL tlk,classical mx (433,1/26;Redman-IL)
 (--4,1131,1/27,w/Eng. lessons;Hauser-OK)(343,2/11;Jones-MS)
 4965 0518 HJAF R. Santa Fé:Sp.w/"Buenos Aires Medianoche" pgm (323,1/15;
 Bixby-CA)(1/13;Redman-IL)(1/25;Yajko-PA)(1/27;MacCoy-AZ)
 (2/8;Pimblett-ALBERTA)
 5010 0315 HJOX R. Surcolombiana:Sp.w/LA pop mx,IDs (243,1/18;Scannell-MA)
 (333,0300,1/25;Vecchiola-PA)(333,0530,2/4;Jessen-OR)
 5075 1045 HJGC R. Sutatenza:Sp.w/LA mx,IDs,ads (212,1/23;Gelfand-NY)(1/28;
 Pimblett-ALBERTA)(2/9;Redman-IL)(1/23;Tannenwald-NY)(1/12;
 Yajko-PA)(1/21;Famularo-NJ)
 5095 0350 HJGG R. Sutatenza:Sp.w/vocal mx,ID (443,1/25;Froemming-AZ)(1/26;
 Famularo-NJ)(2/5;Kiyomiya-JAPAN)(1/18;Scannell-MA)(2/3;Jones-
 5950v 0425 HJNX R. Super.Medellín:Sp.w/jazz & pop mx, // 6065 (443, MS)
 1/27;Zilmer-WI)(332,2318,1/26;Jones-MS)(333,0140;Miller-OH)
 5955 0440 HJKV LV de Bogotá:Sp.w/LA mx,many IDs (222,1/25;Beal-WA)
 6015 0445 HJDF R. Miras:Sp.w/LA mx,ID,TCs (322,1/10;Cleveland-CA)
 6040 1111 HJLB LV del Tolima:Sp.w/romantic mx,ID (354,2/2;Moore-PA)
 6065 0515 HJAX R. Super:Sp.w/Colombian music,several IDs (433,2/3;Redman
 -IL)(444,0530,1/25;Vecchiola-PA)
 6075 0200 HJID R. Sutatenza:Sp.w/news,ID (444,2/6;Scannell-MA)
 6095 2142 HJIW LV del Centro:Sp.w/ads,tlk (322,2/1;Famularo-NJ)
 6115 0435 HJIQ LV del Llano:Sp.w/romantic LA mx,IDs (333,1/10;
 Cleveland-CA)(422,0440,2/1;Famularo-NJ)
 6150 0515 HJ?? LV del Huila:Sp.w/LA mx,IDs,nx bulletin @ 0530
 (332,1/24;Cleveland-CA)
 6160 0720 HJKJ Em. Nueva Granada:Sp.w/Tango mx,RCN pgm (322,1/11;
 Kiyomiya-JAPAN)(433,0700,1/15;Redman-IL)
 6170 1220 HJBJ LV de la Selva:Sp.w/mx,ID @ 1223 (433,2/2;
 Zilmer-WI)(443,1011,1/26;Rodriguez-PR)

COSTA RICA

4832 0706 TIHB R. Capital:Sp.w/rock mx,ID (454,1/12;Fleming-NJ)
 (2/4;Pimblett-ALBERTA)(2/9;Jessen-OR)(1/10;Cleveland-CA)
 (1/26;Redman-IL)(1/27;MacCoy-AZ)(1/20;Smith-NY)
 6006 0810 TIHB R. Reloj:Sp.w/DJ pgm,mx,IDs (323,2/4;Garrett-CA)(1/20;
 Gaede-CA)(2/4;Redman-IL)(1/25;Tannenwald-NY)(1/23;Gelfand-
 NY)(1/17;Scannell-MA)
 9645 1318 TIFC Faro del Caribe:Eng.w/Rel pgm,ID (433,1/12;Bixby-CA)
 12012 0747 TIHB R. Reloj:Sp.w/2x harmonic of 6006 noted with romantic mx
 (253,2/4;Hauser-OK)

CUBA

9550 0430 RHC:Sp.w/music pgm (444,2/7;Gaede-CA)(444,0716,1/3;Stuart-OK)
 11705 0420 RHC:Sp.w/tlk,martial mx (222,1/20;MacCoy-AZ)
 11760 0450 RHC:Eng.w/"FROM THE LAND OF MX" pgm (323,1/24;Boyce-WA)(433,
 0535,1/24;MacCoy-AZ)(444,1637,1/18;Famularo-NJ) MI)
 11930 0330 RHC:Eng.w/political tlk (322,1/20;MacCoy-AZ)(333,0137,1/22;Stuart-
 Au-



CUBA (cont.)

- 15370 2034 RHC:Sp.w/nx, abruptly off. TESTING?? Or perhaps up on wrong frequency as not scheduled this freq. (???, 2/7; Hauser-OK)
 17705 2115 RHC:Eng.w/Letterbox pgm (433, 1/26; Trzaskus-IL)
 17735 1910 RHC:Sp.w/pop mx pgm (354, 2/1; Fleming-NJ)
 17885 2038 RHC:Eng.w/LA mx, beamed to Europe (343, 1/25; Meehan-CA)

DOMINICAN REPUBLIC

- 4807 0430 HIAQ R. Norte:Sp.w/LA mx, ID w/freq. (432, 1/13; Cleveland-CA)
 4825 2235 HIFA LV de los Fuerzas Armadas:Sp.w/tlk, mx (322, 2/5; Bixby-CA)
 4850 0032 HILR R. ClarIn:Sp.w/Eng. ID, nx (444, 1/31; Vecchiola-PA)(1/22; Cleveland-CA)(1/31; Fleming-NJ)(2/4; Jessen-OR)(1/15; Stuart-OK)(1/23; Gelfand-NY)(1/13; Famularo-NJ)(1/29; Scannell-MA)
 4882 0409 HIJP R. Comercial:Sp.w/LA mx, ID (243, 2/11; Fleming-NJ)(331, 0510, 1/15; Cleveland-CA)(433, 0900, 2/4; Redman-IL)
 4930 0915 HIBE R. Mil:Sp.w/mx, TCs, IDs (433, 2/4; Redman-IL)(333, 1/24, 0930; Tannenwald-NY)
 9505 2205 HISD R. Televisión Dominicana:Sp.w/IS to 2205, into mx & IDs (443, 2/1; Meehan-CA)(242, 0215, 1/20; Boyce-WA)(444, 2215, 1/13; Famularo-NJ)(433, 2345, 1/24; Sauu-MI)
 11700 0204 HILR R. ClarIn:Sp.w/"ClarIn Informativo" nx (443, 1/14; Bixby-CA)(443, 0006, 1/29; Cleveland-CA)(333, 2000, 1/23; Gaede-CA)(232, 0325, 1/28; Meehan-CA)(433, 2230, 1/25; Tannenwald-NY)(444, 1800, 1/23; Smith-NY)(433, 2300, 1/14; Famularo-NJ)

ECUADOR

- 3280 0230 HCVN7 LV del Napo:Sp.w/pop mx, IDs, TCs, (252, 2/12; Whitehead-MA)
 3315 0300* HCRP7 R. Pastaza:Sp.w/IDs, freqs, NA & off(332, 2/3; Jones-MS)
 3325 0426 HCHA2 Ondas Quevedeñas:Sp.w/LA mx, ID (222, 1/17; Smith-NY)(333, 0415, 1/24; Cleveland-CA)
 3380 0216 HCRY4 R. Iris:Sp.w/fútbol, YL ID (323, 1/29; Jones-MS)
 3390 0450 HCOT1 R. Zaracay:Sp.w/Andean mx, ID (443, 1/13; Cleveland-CA)(232, 0414, 1/17; Smith-NY)
 3516 0238 HCKD5 R. Centro:Sp.w/non-stop LA mx (433, 1/18; Henderson-MD)
 4679 0500 HCWE1 R. Nac. Espejo:Sp.w/Local mx, IDs (232, 2/1; Jessen-OR)(1/26; Redman-IL)(1/30; Bixby-CA)(1/31; Fleming-NJ)
 4765 0220 HCAJ2 C.R.E.:Sp.w/spts cmntry (444, 2/1; Scannell-MA)(232, 0330, 2/8; Moore-PA)
 4790 0520 HCVF2 Em. Atalaya:Sp.w/LA mx, off w/NA @ 0557 (332, 1/22; Cleveland-CA)(353, 0347, 1/19; Earnhart-CA)
 4795 0450 HCAS4 LV de las Carás:Sp.w/Andean mx ID @ 0455 (353, 1/12; Moore-PA)
 4800 0500 HCMB5 R. Popular Independiente:Sp.w/Ecuadorian mx, ID (343, 2/2; Jessen-OR)(422, 0510, 1/20; Redman-IL)(1/13; Cleveland-CA)
 4910 0312 HCMJ1 Em. Gran Colombia:Sp.w/IDs, ads, mx (322, 2/6; Miller-OH)
 4923 0302 HCRQ1 R. Quito:Sp.w/ID as "R. Quito", nx (433, 1/25; Yajko-PA)
 4930 0312 HCCR1 R. Casa de la Cultura Ecuatoriana:Sp.w/choral mx, gong PA) before and after ID (322, 1/25; Jones-MS)(454, 0405, 1/25; Moore-PR)
 4973 0302 HCGH1 R. Tarquí:Sp.w/ads, LA mx, ID (222, 1/12; Rodriguez-PR)
 5060 0200 HCEH3 R. Nacional Progreso:Sp.w/Ecuadorian mx, ID "Las ondas de R. Nac. Progreso...", peticiones, ads, s/off @ 02:45v (344, 2/1; Whitehead-MA)(343, 0019, 1/26; Rodriguez-PR)

FRENCH GUYANA

- 4972 2315 O.R.T.F Cayenne:Fr.w/tlk, light mx, //3385 (--2, 1/12; Wallace-PA)

GALAPAGOS ISLANDS

- 4810 1138 HCVG8 LV de Galápagos:Sp.w/Ecuadorian mx (222, 2/4; Scannell-MA)

GUATEMALA

- 2200 0744 TGSR R. Superior:Sp.w/ID, may be all night (353, 2/4; Hauser-OK)
 2360 1105 TGBA R. Maya de Barillas:Sp.w/"R. Maya" ID, LA mx (232, 1/22; Smith-NY)(242, 1145, 1/26; Zilmer-WI)(253, 1102, 2/2; Moore-PA)
 2390 1059 TGDS LV de Atitlán:Sp.w/ID, tlk, hymn (252, 2/2; Moore-PA)(242, 1/26; 1215; Zilmer-WI)(222, 0109, 1/22; Smith-NY)
 2940 1157 TGRY R. Rosa:Sp.w/ranchera mx, "noticias para hoy" @ 1157. Is 2x 1470 harmonic (--3, 1/27; Hauser-OK)

GUATEMALA (cont.)

- 3300 0427 TGNC R. Cultural:Sp.w/U.S. pop mx, ID (433,1/26;Jones-MS)(523, 0343,1/5,w/Eng. w/ "IN A DIFFERENT DIMENSION" pgm;Bixby-CA) (1/27;Cleveland-CA)(1/25;Redman-IL)(2/5;Baron-PA)
- 3325 0205 TGBA R. Mayas de Barillas:Sp.w/mx,hymns (333,1/14;Thompson-NM)
- 3360 0339 TGVN LV de Nahualá:Sp.w/LA vocals (322,1/26;Vecchiola-PA)(423, 0435*,1/26;Jones-MS)(422,0405,1/24;Cleveland-CA)(444,0345, 1/25;Wallace-PA)
- 6180 0044. TGWB R. Nacional:Sp.w/many IDs,classical mx (332,1/30;Miller-OH)(433,0000,2/8;Zilmer-WI)

GUYANA

- 3290 0330 GBS Action Radio:Eng.w/DJ tlk,music (333,12/12;Wallace-PA) (322,1/27,0345,;Cleveland-CA)(322,0157,1/27;Jones-MS)

HAITI

- 3345 1030 4VSO R. 4VEH:Sp.w/ID,into rel. pgm (443,2/7;Jones-MS)(433,0015, 2/3;Baron-PA)
- 9770 1338 4VEH R. 4VEH:Eng.w/stn. info @ 1400 s/off (333,1/26;Sauu-MI) (333,1344,2/5;Famularo-NJ)
- 11835 2301 4VEJ R. 4VEH:Sp.w/tlk,music (322,1/20;Baron-PA)(333,1215,1/22; Kelly-TN)

HONDURAS

- 4780 1200 HRRZ R. Juticalpa:Sp.w/ID,many ads,pop mx (333,1/18;Miller-OH) (343,0003,1/20;Rodriguez-PR)(333,1220,1/25;Redman-IL)
- 4820 0407 HRVC LV Evangélica:Eng.w/"SOUNDS OF JOY" pgm (343,2/2;Stuart-OK)(222,0431,1/21;Garrett-CA)(333,0407,1/31;Cleveland-CA)
- 4920 0318 HRLL3 R. Progreso:Sp.w/mx,comls (322,1/22;Sauu-MI)(453,0430, 1/25;Vecchiola-PA)(353,0502,2/2;Stuart-OK)(433,0445,1/20; Redman-IL)(443,0445,1/13;Cleveland-CA)
- 5875 0240 HRN LV de Honduras:Sp.w/OM tlk,ads,ID (423,2/5;Redman-IL)
- 5960 1404 HRRR LV de Occidente:Sp.w/echo effects ID "R-H, LV de Occidente" Heard as CBC fades (322,1/26;Jones-MS)

MEXICO

- 6115 2030 XEUDS R. Universidad de Sonora:Sp.w/classical mx,some vocals (454,1/19;Thompson-NM)(433,2340,1/19;Cleveland-CA) man-IL)
- 6160 0655 XEWW LV de América Latina:Sp.w/sign off anmts,ID (433,2/6;Red-
- 9705 1430 XERMX R. México:Sp.w/"R. Correo del Aire" pgm (434,1/22;Bixby-CA)(444,1430,1/19;MacCoy-AZ)(433,1415,1/26;Sauu-MI)
- 11770 2345 XERMX R. México:Sp.w/tlk on class mx (433,1/19;Cleveland-CA)
- 11820 1735 XEBR La Pantera:Sp.w/lt. and piano mx,ID,nx @ 1800,fade-out shortly thereafter (242,1/22;Famularo-NJ)
- 11880 2045 XERH R. Seis:Sp.w/tropical mx,ads (433,2/1;Redman-IL)(333,1433, 2/2;Famularo-NJ)(444,1444,2/8;Jones-MS)(444,1440;Cleveland-CA)
- 15110 1920 XERH R. Seis:Sp.w/ID as "R. Seis,con la mejor música tropical" (312,1/23;Gelfand-NY)(1/11;Fleming-NJ)(1/25;Lovett-OH)(1/20; Beal-WA)(1/24;Quinn-NY)(2/6;Pimblett-ALBERTA)(1/25;Rodriguez-PR)(2/7;Dawson-CA)(1/19;Redman-IL)(1/15;Famularo-NJ)(1/26; Scannell-MA)(1/24;Earhart-PA)
- 15125 2310 XERMX R. México:Sp.w/martial mx (333,2/6;Pimblett-ALBERTA)(242, 2330,2/1;Beal-WA)(433,2345,1/25;Redman-IL)
- 15135 1715 XERH R.Seis: Sp.w/LA mx,IDs, one time only (443,1/14;Beal-WA)

NICARAGUA

- 2200 0145 YNQ Em. La Líder:Sp.w/lt mx,OM anmts,IDs (253,1/28;Moore-PA) (444,1108,1/27,w/letters from Leon. Is 2x 1100;Hauser-OK)
- 9580 1438 YNTP R. Mar:Sp.w/y1k,ID as "R. Mar,Nicaragua" (111,2/8;Baron-PA)(443,1535,1/11;Rodriguez-PR)(232,1258,2/1;Earhart-PA)

PARAGUAY

- 6015 *0830 ZPA6 Em. Paraguay:Sp.w/tlk,mx,ID @ 0900. Heard when R. Clube de Pernambuco not present (--3,1/18;Henderson-MD)
- 6025 0934 ZPA1 R. Nacional:Sp.w/ID,Paraguayan mx,(322,1/26;Rodriguez-PR)

PERU

- 4760 0323 OAX3P R. Tingo Maria:Sp.w/Andean mx,usual QRN(4--,1/18; Henderson-MD)

PERU (cont.)

- 4790 0400 OAX8F R. Atlántida:Sp.w/Andean mx, ID, ads (333,1/16;Jessen-OR)
(433,0340,2/3;Cleveland-CA)(433,0330,2/3;Redman-IL)
- 4815 0459 OAX8V R. Samarén:Sp.w/mx,s/off w/NA (343,1/25;Vecchiola-PA)
(353,0457,1/25;Moore-PA)
- 4825 1130 OAX8R LV de la Selva:Sp.w/marimba mx,tlk (433,2/7;Zilmer-WI)
(222,0745,2/9;Jessen-OR)
- 4996 0414 OAZ4C R. Andina:Sp.w/LA mx, little tlk (332,1/28;Cleveland-CA)
- 5025 1045 OAX7Q R. Quillabamba:Sp.w/Peruvian mx (322,2/5;Kiyomiya-JAPAN)
(344,1107,2/2,w/Quechua, Andean mx;Moore-PA)
- 5040 0425 OCY4Y R. Libertad de Junín:Sp.w/Peruvian mx,tlk (443,2/1;Zilmer-
WI)(353,0402,1/26;Moore-PA)
- 6070 0530 OAX4S R. Onda Popular:Sp.w/LA mx, ID (322,1/24;Cleveland-CA)
- 6095 0340 OAX4H R. Nacional Mil Ochenta:Sp.w/Andean mx, ID, smothered by
HCJB @ 0400 (343,2/1;Earhart-PA)(331,0340,2/4;Cleveland-CA)
- 6123 0733 OCX4A R. La Crónica:Sp.w/music pgm (322,1/11;Kiyomiya-JAPAN)
- 9505 0100 OAX4F R. América:Sp.w/ID, mx, BBC QRM (332,1/19;Meehan-CA)
- 9675 1300 OAZ4L R. del Pacifico:Sp.w/ads,TC, ID as 640 kcs and 102 Mcs, then
mixing with R. Moscow IS (233,1/25;Hauser-OK)

TURKS & CAICOS ISLANDS

- 4788 2250 VSI8 R. VSI8:Eng.w/DJ pgm of soul mx (242,1/9;Smith-FL)(322,
2301,2/4;Baron-PA)(232,2/3,2300;Scannell-MA)(343,2227,1/27;
Earhart-PA)(422,2240,1/31;Zilmer-WI)

URUGUAY

- 11835 0040 CXA19 R. El Espectador:Sp.w/spts event(432,1/21;Cleveland-CA)

VENEZUELA

- 2440 0152 YVLG R. Giradot:Sp.w/fast tlk spts event
coverage (322,1/18;Henderson-MD)
- 3215 0054* YV2V Ondas Panamericanas:Sp.w/IDs & NA @ s/
off (322,1/27;Jones-MS)(353,0300*,1/15;
Moore-PA)
- 3245 0307 YVKT R. Libertador:Sp.w/YL & OM tlk, easy LA mx (322,1/26;Miller-
OH)(322,0125,1/27;Jones-MS)(432,0330,1/27;Cleveland-CA)
- 3255 1023 YVQL LV de El Tigre:Sp.w/LA mx (353,2/8;Jones-MS)
- 3275 0445 YVMC R. Mara:Sp.w/LA vocals, ID between each disc (343,2/2;
Vecchiola-PA)(322,0202,1/27;Jones-MS)
- 3295 1017 YVOG R. Trujillo:Sp.w/ID, LA mx (222,2/6;Jones-MS)
- 3325 0358 YVRA R. Monagas:Sp.w/IDs, mx till 0404* (533,1/15;Bixby-CA)
(322,0150,1/27;Vecchiola-PA)
- 3355 0308 YVLC R. Valencia:Sp.w/ID, almacén ad, lt mx, TCs, to 0400 s/off
(354,1/25;Moore-PA)(444,0104,1/17;Rodriguez-PR)
- 3385 0400 YVOI R. Barcelona:Sp.w/tlk, ID and s/off anmts till 0405* (343,
1/17;Smith-NY)(333,1026,2/8;Jones-MS)
- 3395 0040 YVOJ R. Universidad:Sp.w/tlks, ID (222,1/21;Smith-NY)
- 4770 2320 YVNW R. Bolívar:Sp.w/LA mx, jingle IDs (222,1/27;Lovett-Gu)(353,
2/8;Jones-MS)(444,0005,1/13;Redman-IL)
- 4780 1000 YVLA LV de Carabobo:Sp.w/nx, IDs, mx (333,1/14;Tannenwald-NY)(327,
0230,2/9;Redman-IL)(343,0129,2/8;Jones-MS)
- 4800 0125 YVMO R. Lara:Sp.w/Venezuelan mx, ads, IDs (423,1/26;Redman-IL)
(333,0200,1/29;Scannell-MA)
- 4810 0050 YVMG R. Popular:Sp.w/tlk, ID (322,1/26;Yajko-PA)(242,0108,1/29;
Bixby-CA)(433,1035,2/4;Redman-IL)
- 4850 2303 YV?? R. Capital:Sp.w/"Maraton de la decada" pgm, IDs as "La
primerísima R. Capital" (443,1/12;Rodriguez-PR)
- 4870 0132 YVKP R. Tropical:Sp.w/mx,tlk pgm, ID (332,1/28;Famularo-IL)
- 4880 1105 YVMS R. Universo:Sp.w/Venezuelan mx, IDs, het (423,1/26;Redman-IL)
- 4930 1145 YVMI LV de la Fé:Sp.w/pop mx (443,1/26;Zilmer-WI)
- 4950 1107 YVNM R. Coro:Sp.w/TC, comls, LA mx (343,1107,1/28;Jones-MS)
- 6010 1135 YVSB R. Los Andes:Sp.w/spts nx, TC (322,1/31;Jones-MS)(422,1150,
1/30;Zilmer-WI)
- 6070 1020 YVSR R. San Sebastián:Sp.w/Venezuelan mx, then into "Música NY
popular de México"(422,2/6;Redman-IL)(322,1100,1/23;Gelfand-
- 6120 1113 YVSX R. Angostura:Sp.w/ pop mx, nx, IDs (333,2/2;Moore-PA)(333,
*0955,2/6;Jones-MS)



WINDWARD ISLANDS

- 5015 2228 R. Grenada:Eng.w/nx, hBC nx, spts (343,1/25;Fleming-NJ)(2/3;
Hauser-OK)(1/9;Smith-FL)(1/31;Smith-NY)(1/27;Famularo-NJ)

SWBC DX EUROPE / AFRICA



Robert Butterfield
P.O. Box 398
Belmont, Massachusetts
02178 U.S.A.

Deadline: 15th
Times and Dates: GMT
Frequencies: kHz

-Africa-

ALGERIA

7195 0745 Radiodiffusion-Télévision Algérienne: Ar w/ vocal mx (343 1/29 Earhart-PA)

ANGOLA

3375 0003 Emissora Oficial: Port w/ "A Portuguesa" and close down 0004 (222 1/29 Miller-OH)
5060 0455 R. Clube do Huambo: Port w/ IS (bird chirps), "A Portuguesa" ID 0500 (333 1/25 Miller-OH);(222 1/27 0500 Wallace-PA);(222 0502 2/5 Bodell-OR)
5192 0536 R. Clube do Moxico: Port w/ nx, QRN (--2 1/18 Henderson-MD)
7245 0505 Emissora Oficial: Port ID w/ nx progr (333 1/21 Smith-NY)
11875 1515 Emissora Oficial: Eng w/ 1t mx, nx (322 1/14 Kiyomiya-JAPAN); (333 1520 1/7 Junqua-J.PAN)

ASCENSION ISLAND

6005 0545 BBC, Atlantic Relay: Eng, "Big Ben", World Service (322 2/1 Jones-MS)
11770 1704 BBC: Eng w/ nx, IDs (444 1/12 Junqua-JAPAN)
15260 2020 BBC: Eng "Letterbox" (422 2/9 Pimblett-ALBERTA)

BOTSWANA

4845 0358 R. Botswana: Setswana/Eng w/ IS, *0400 s/on w/ Nat anth, ancmt, mx progr (232 2/3 Bodell-OR)

CAMEROON

5010 2120 R. Garoua: Fr w/ afro mx, ancmt @ 2130, mx, tlk @ 2150, anth @ 2158* (342 1/25 Moore-PA);(233 2150 1/26 Vecchiola-PA)

CANARY ISLANDS

11800 0004 R. Nacional de Espana, Tenerife: Sp w/ nx (433 1/29 Cleveland-CA)

CAPE VERDE ISLANDS

3930t 2322 R. Barlavento: Port w/ American pop mx (222 1/26 Miller-OH)

CENTRAL AFRICAN REPUBLIC

5038 2159 Radiodiffusion Nationale Centrafricaine: Fr tlk, mx, IDs (333 2/3 Baron-PA);(232 0514 1/28 Earhart-PA)

CHAD

4904.5 2037 Radiodiffusion Nationale Tchadienne: Fr tlk, afro mx (222 1/29 Baron-PA);(343 2113 1/25 Miller-OH);(354 0429 2/8 Moore-PA)



CONGO, PEOPLE'S REPUBLIC OF THE

4765 0429 Radiodiffusion Television Congolaise: Fr w/IS, vern tlk (222 2/3 Bodell-OR);(332 0454 1/29 Cleveland-CA)

EGYPT, ARAB REPUBLIC OF

7050 0335 R. Cairo: Ar? w/ ID, mx (222 1/21 Smith-NY)
 9805 2211 R. Cairo: Eng w/ Eur svc, comtry, mx, ID (343 1/15
 Famularo-NJ);(322 2235 1/22 Savu-MI);(433 2240 2/8 Pimblett-
 ALBERTA)

ETHIOPIA

7165 0355 ETLF: Swahili ID @ 0359, Eng ID @ 0400, into nx (323 2/9
 Moore-PA)
 11830 *1945 ETLF: Eng s/on, nx, comtry (333 1/31 Zimarowski-MA);(343
 2010 1/29 Smith-NY);(433 1845 in Hausa 1/23 Barhart-PA)
 15245 1255 ETLF: Chinese rel prgr (333 1/29 Kiyomiya-JAPAN)

GABON

4777 2124 Radiodiffusion Television Gabonaise: Fr w/ ID (333 2/4
 Scannell-MA);(333 2232 1/28 Baron-PA);(443 2250 1/29 Zilmer-
 WI);(332 0435 2/3 Bodell-OR);(332 0615 1/14 Cleveland-CA)

GHANA

3366 0624* Ghana Broadcasting Corporation, Accra: Eng public svc ancmts
 (322 1/11 Trubee-HI)
 4915 0552 GBC, Accra: Eng prgr at 0600 after IS, ID, then nx (333 2/8
 Crews-FL)
 6130 0635 R. Ghana (GBC): Eng chants w/ ID @ 0645 (222 1/12 Trubee-HI);
 (433 2235 1/29 Zilmer-WI)
 9545 2115 R. Ghana (GBC): Eng to Europe (322 1/12 Fleming-NJ);(212 2130
 1/23 Gelfand-NY);(322 2150 2/7 Pierce-MA)

GUINEA REPUBLIC

49104 2210 Radiodiffusion Nationale: Fr w/ nx, afro mx, tlk (342 1/18
 Moore-PA)
 7252 0355 Rdif Nationale: Fr mx, tlk (322 1/24 Barhart-PA)
 9650 0515 Rdif Nationale: Fr, tlk, afro mx (222 1/10 MacCoy-AZ)

IVORY COAST

4940 2230 Radiodiffusion Television Ivoirienne: Fr tlk (433 1/30
 Zilmer-WI);(333 0614 in Vern 2/5 Bodell-OR)
 11920 1845 RTVI: Eng s/on, nx, tlk (242 1/30 Grove-HI);(322 2040 in Fr
 2/10 Zimarowski-MA);(444 2140 2/7 Pierce-MA)

KENYA

4915 1555 Voice of Kenya: Swahili **MINISTRY OF INFORMATION AND BROADCASTING**
 w/ chants, deep fade (-3
 1/21 Henderson-WA)

LESOTHO

4800 0358 R. Lesotho: U/lang w/ beat
 IS, *0400 s/on w/ anth, tlk
 (222 2/5 Bodell-OR)

VOICE OF KENYALIBERIA

3990 0700 VOA, Monrovia: Eng ID 0700, nx (333 2/8 Crews-FL);(
 4770 0600 ELWA: Eng w/ BBC nx, ID @ 0614 (422 1/15 Bixby-CA);(333 0616
 2/5 Bodell-OR);(333 2303 2/4 Scannell-MA)
 7110 0324 VOA: Eng w/ "Press Review" (433 1/21 Savu-MI)
 7280 *0300 VOA: Eng s/on to Afr w/ "African Safari" (433 1/26 Quinn-NY);
 (333 1/15 Famularo-NJ)
 11950 1945 ELWA: Eng rel prgr, into Ibo prgr (433 2/2 Vecchiola-PA);(323
 1946 1/25 Brooker-MI);(433 2055 2/12 Kratter-NY);(333 0613
 2/11 Crews-FL);(343 1830 1/30 Grove-HI)
 17870 2115 VOA: Eng nx (242 218 Pimblett-ALBERTA)
 21595 1630 VOA: Eng nx, comtry, mx requests // 21485 Bethany (254 2/1
 Vecchiola-PA)

MALAGASY REPUBLIC

3232 0315 Radiodiffusion Television Malagasy: Vern w/ pop mx, not //
 3288 (544 1/18 Henderson-MD)
 3288 0312 RTVM: Fr w/ European pop mx, ancmts (--3 1/18 Henderson-MD)

MALAWI

3380 0345 Malawi Broadcasting Corporation: Eng w/ rel prgr, 0400 f/out
 (232 1/26 Vecchiola-PA);(321 0333 1/28 Cleveland-CA)

MALI

4787v 2300 R. Mali: Fr w/ afro mx, tlks // 5995 (443 1/29 Zilmer-WI);
(222 2140 1/18 TENT Vecchiola-PA)
5995 2214 R. Mali: Fr tlk, afro mx (434 1/28 Baron-PA);(422 2345 1/30
Zilmer-WI)

MAURITANIA

4845 2200 Radiodiffusion Nationale de Mauritanie: Ar tlk, chants (433
1/30 Zilmer-WI);(443 2210 2/9 Vecchiola-PA):

MOROCCO

6190 *0500 Radiodiffusion-Television Marocaine: Ar s/on w/ anth, chants
(443 1/26 Vecchiola-PA)
7220 0420 VOA, Tangier: Eng nx, into Czech 0430 (333 1/18 Thompson-NM)
7270 0930 VOA: Eng nx, ID, "Breakfast Show" (444 2/2 Stuart-OK)

MOZAMBIQUE

3265 0340 R. Clube de Mocambique: Eng w/ "L-M Radio" jingle, TCs, pop
mx (333 2/9 Whitehead-MA);(432 1/10 Cleveland-CA)
4895 0415 RCM: Swahili w/ long afro mx, tlk (242 2/8 Miller-OH);(222
0420 1/25 Wallace-PA)
4924 0405 RCM: Eng w/ pop mx, TCs, ID as "Lorenco Marques Radio", ads
(242 2/3 Whitehead-MA)
11780 1516 RCM: Eng w/ pop mx, commls in Eng and Afrikaans, ID in Eng
and Port @ 1600, intvws, jingles (333 1/9 Junqua-JAPAN);(333
0615 2/11 Crews-FL)

NIGER

5020 0534 Office de Radiodiffusion Television du Niger: Fr w/ afro mx,
tlk (333 1/26 Miller-OH);(232 2208 TENT 1/25 Moore-PA)
9705 2021 ORTN: Fr tlk, mx, IDs (222 2/4 Baron-PA)

NIGERIA

4990 0456 Nigerian Broadcasting Corporation,
Lagos: Eng w/ afro chants, IS 0459
(353 2/9 Moore-PA);(333 0540 2/8
Crews-FL)
6090 0715 Radio Television Kaduna: (Lang ?)
with ID, first time this freq (433
?? Henderson-MD)
6145 0621 NBC, Kalabar: Eng w/ pop mx (352
1/10 Bixby-CA)
15120 1636 Voice of Nigeria (NBC): Eng nx (333 2/2 Mulcahy-ENGLAND);(322
1720 2/8 Pierce-MA)

REUNION

2446 *0228 Office de Radiodiffusion Television Francaise, St. Denis: Fr
w/ IS @ 0228, s/on @ 0230, ID, mb, prgr info, into nx, pop mx
prgr (--2 1/18 Henderson-MD)

RHODESIA

3306 0349 Rhodesia Broadcasting Corporation: Vern w/ tlk (332 1/27
Cleveland-CA)
3396 0400 RBC: Eng w/ nx "this news bulletin comes to you from the RBC",
tango mx @ 0410 (242 2/9 Whitehead-MA)

SAO TOME E PRINCIPE

5338 2223 Emissora Regional de Sao Tome e Principe: Port w/ stringed
mx, Marimba orch playing "Celito Lindo", "Vaja con Dios",
then anthem "A Portuguesa" @ 2301 and close down (232 1/19
Miller-OH) Very good logging Al! That's the way to report
good DX. rfb. (243 2358*1/13 Hauser-OK) Seems to be on
irregular sked as Glenn suggests. rfb.

SENEGAL

3336 0745 Radiodiffusion du Senegal, Ziguinchor: Fr w/ mx prgr, ID @
0743 (323 1/18 Henderson-MD)

SEYCHELLES

11740 1730 Far East Broadcasting Association: Urdu? tlk (333 2/8 Baron-PA)
11810 1530 FEBA: Eng w/ BBC nx (434 1/12 Sridhar-INDIA)
11865 1244 FEBA: U/lang w/ mx, tlk, IS, ID in Eng, annc only 15325 (343
1/11 Junqua-JAPAN)

SIERRA LEONE
5980 0800

Sierra Leone Broadcasting Service: Eng ID, mx, ads (333 1/15 Stuart-OK)

SOUTH AFRICA
3250 0155

SABC: Eng w/ vocal mx, orch mx, ads (343 1/14 Thompson-NM); (323 0202 1/27 Jones-MS);(333 0230 1/17 Smith-NY);(333 0255 1/26 Wells-NY)

3320 0630
4810 0341

SABC: Eng w/ ID @ 0630, mx, commls (333 2/8 Crews-FL)
SABC: Eng w/ lt mx, TCs (433 1/10 Cleveland-CA);(433 0403 1/19 Earhart-PA);(333 0410 1/21 Garrett-CA);(443 0415 1/24 Zilmer-CA);(242 0418 1/19 Famularo-NJ);(444 0420 1/14 Thompson-NM);(333 0422 1/23 Jones-MS);(343 0430 1/16 Bixby-CA);(322 0430 1/30 MacCoy-AZ);(322 0445 2/7 Kratter-NY);(433 0310 1/25 Yajko-PA);(322 0530 2/4 Pimblett-ALBERTA) wheew!

7270 0258

R. RSA: Eng "Good Morning Africa" (444 1/26 Scannell-MA);(333 0258 1/24 Quinn-NY);(444 1/26 Yajko-PA);(353 0330 1/30 Grove-HI);(333 0345 1/27 Howat-MA);(443 0400 1/25 Zilmer-WI)

11900 2100

R. RSA: Eng s/on, nx (444 1/29 Zimarowski-MA);(454 2115 2/7 Vogel-PA);(434 2132 1/21 Savu-MI);(443 2241 1/15 Davidonis-MA);(333 1600 1/10 Sridhar-INDIA)

15155 1710

R. RSA: Dutch nx, comtry (232 1/25 Van Himbergen-MI);(444 2050 in Eng 2/8 Pimblett-ALBERTA);(544 2310 1/12 MacCoy-AZ); (353 2230 1/23 Beal-WA)

17770 0613

R. RSA: Eng w/ s/on, nx, lt mx (222 2/4 Garrett-GA)

SUDAN

5039t 0445
11835 1815

R. Omdurman: Ar w/ Arabic mx, tlk (353 2/8 Moore-PA)
R. Omdurman: Ar w/ tlk // 9505 (343 1/28 Earhart-PA)

SWAZILAND

4980 0358

Swazi Music Radio: Eng w/ "Popcorn" IS to 0400, into "Rise and Shine" DJ prgr w/ pop mx, ShR jingles, TCs, ID @ 0430 "this is Swazi Music Radio, beaming your way from 6 AM to 8 AM on shortwave 60 meters and from 8 AM to 6 PM on the 49 meter band" (353 1/28 Whitehead-MA);(222 2/8 Lovett-OH); (332 0405 1/10 Cleveland-CA);(333 0415 2/5 Bodell-OR);(343 0417 1/30 Jones-MS);(322 0420 2/8 Garrett-GA) Larry, I'm sure this is the station you heard. rfb.

TANZANIA

3339 0317

R. Tanzania-Zanzibar: Swahili chants, into nx (—4 ??? Henderson-MD);(222 0336 1/26 Wallace-PA);(222 0304 TENT 2/3 Miller-OH)

4785 0332

R. Tanzania: Eng/Swahili w/ commls, ID in Swahili (—3 ??? Henderson-MD)

5050 0320

R. Tanzania: Swahili chorus mx to E. Afr (444 1/18 Henderson-MD)

15435 1905

R. Tanzania: Eng nx, tlk, ID (222 2/8 Baron-PA);(222 1920 2/6 Pierce-MA)

TOGO

5047 *0526

Radiodiffusion du Togo: Fr w/ IS into s/on w/ ID, anthem, tlk, mx (333 1/23 Smith-NY);(343 0532 1/25 Miller-OH);(242 0537 1/25 Bixby-CA);(432 0542 1/10 Cleveland-CA);(343 0621 2/5 Earhart-PA);(333 2253 1/16 Junqua-JAPAN)



TUNISIA

6195 2230

Radiodiffusion Television Tunisienne: Ar w/ chanting mx, tlk (422 2/3 Zilmer-WI)

ZAIRE

15245 2035

La Voix du Zaire: Fr nx, drumbeat, afro mx (242 2/8 Lovett-OH);(112 2240 1/12 MacCoy-AZ);(343 1758 1/20 Smith-NY)

ZAMBIA

3346 *0346

R. Zambia: Eng s/on w/ prgr notes, ID "You are tuned to the General Service of Radio Zambia broadcasting from Lusaka", TCs, ID (323 1/16 Whitehead-MA)

4910 0435

R. Zambia: Vern w/ pop mx, ID (332 1/29 Cleveland-CA);(422 2225 1/30 Zilmer-WI)

18 9630 1800

R. Zambia: Eng, w/ nx, mx (443 1/24 Grove-HI)

-Europe-

ALBANIA

6135nf 2300 R. Peking via Tirana: Sp w/ Tirana IS 2259, into Peking IS, then Spanish prgr, probably ex 9780 (??? 1/11 Hauser-OK)
 7120 0135 R. Tirana: Eng nx (232 1/22 Savu-MI);(444 0140 2/4 Wells-NY);(434 0150 1/21 Yajko-PA);(433 *0230 1/15 Famularo-NJ);(333 0240 1/14 Bixby-CA)
 9480 *2030 R. Tirana: Eng s/on, nx (323 2/1 Famularo-MJ);(343 2045 2/4 Vogel-PA)
 11985 *1400 R. Tirana: Eng s/on w/ IS, nx, tlk (444 1/12 Sridhar-INDIA)

AUSTRIA

6155 0130 Osterreichischer Rundfunk: Eng nx, comtry (343 1/29 Scannell-MA);(233 0140 2/4 Wells-NY);(433 0155* 1/14 Yajko-PA)

AZORES

4865 2130 Emissor Regional dos Acores: Fort w/ nx, TCs, IDs (353 1/19 Moore-PA)

BELGIUM

6055 0048 Radiodiffusion Television Belge: Eng "Belgium Speaking" (322 2/5 Fleming-NJ)

BULGARIA

9560 2115 R. Sofia: Eng w/ economic tlk (212 1/23 Gelfand-NY)
 9700 *2130 R. Sofia: Eng w/ IS, s/on, nx (323 1/23 Famularo-NJ);(444 0420 1/23 Howat-MA);(454 2140 2/7 Vogel-PA)

CZECHOSLOVAKIA

5930 *0100 R. Prague: Eng s/on, IS, ID, fqys, prgr preview // 7345 (343 1/31 Wells-NY);(333 0322 1/20 Bixby-CA)
 7345 2008 R. Prague: Eng tlk, ID (423 1/23 Famularo-NJ)
 9605nf*1430 R. Prague: Eng nx, Asian Svc (433 2/2 Zilmer-WI);(232 2/2 Jones-MS)
 11990 *1730 R. Prague: Eng w/ s/on, nx (333 1/31 Zimarowski-MA)

FINLAND

15185 *1400 R. Finland: Eng w/ IS @ 1355, s/on w/ "Letterbox" prgr (322 1/19 Trzaskus-IL);(443 1/25 Wells-NY);(444 1415 1/12 Yajko-PA)

FRANCE

9640m 1705 R. France International: Eng nx & comtry "Paris Calling Africa" (333 1/18 Beal-WA)
 11705nf*1700 R. France International: Eng w/ "Paris Calling Africa", Eng to 1800, // 15120 15165 15300 17755 (443 1/26 Zilmer-WI)
 11845 1714 R. France International: Eng "Paris Calling Africa" (443 1/22 Famularo-NJ)
 11935 1700 R. France International: Eng "Paris Calling Africa" w/ nx, comtry (353 1/24 Grove-HI);(332 2/6 Earnhart-PA);(442 1730 1/18 Beal-WA)
 15120 1725 R. France International: Eng w/ list of mb, no fqy, Fr description of new svc, back to Eng (422 2/4 Zilmer-WI);(322 1700 2/5 Pierce-MA)
 15155 1700 R. France International: Eng w/ nx, mx, Fr nx (554 2/2 Lewis-PA);(343 1703 1/26 Savu-MI)
 15165nf 1713 R. France International: Eng w/ afro mx (443 2/4 Zilmer-WI)
 15300 1700 R. France: Eng "Paris Calling Africa" (333 1/26 Scannell-MA);(343 1713 1/18 Jones-MS);(343 1750 2/4 Zilmer-WI);(343 1700 1/18 Gelfand-NY)
 17755 1718 R. France International: Eng w/ nx on Africa (343 2/4 Zilmer-WI)

GERMANY, EAST

9730 1840 R. Berlin International: Eng tlk (353 2/9 Vogel-PA)

GERMANY, WEST

7265 0027 Sudwestfunk: Ger tlk, mx (323 1/29 Baron-PA)
 9610 0600 Deutsche Welle: Eng w/ Afr svc (222 1/28 Trabee-HI)
 11850 1715 DW: Eng s/on, nx (333 1/31 Zimarowski-MA)



GREAT BRITAIN

3975 0230 BBC: Eng nx of Africa (322 1/27 Vecchiola-PA)
 5975 0000 BBC: Eng w/ World nx (543 1/22 Quinn-NY);(444 0130 1/21
 Yajko-PA);(434 2355 1/22 Savu-MI)
 6150 0000 BBC: Eng w/ World nx, unlisted fqy (422 1/25 Zilmer-WI)
 11680 1730 BBC: Eng w/ "African Theatre", unlisted fqy (333 1/26
 Zilmer-WI)

GREECE

6075 2220 Ethnikon Idhryma Radiophonias Tileorasseos (E.I.R.T.): Greek
 w/ Greek mx and tlk to Japan, ID @ 2250.s/off (433 1/16
 Junqua-JAPAN)
 15425 *1258 E.I.R.T.: Greek w/ IS, 1259 anthem, 6 pip Time Signal @ 1300,
 Greek ancmt, IS, into nx of Cyprus (233 2/8 Hauser-OK)

HOLLAND

5965~~NI~~ 2230 R. Nederland: Eng "What's New" (433 1/25 Zilmer-WI);(212
 2153 1/23 Gelfand-NY)
 6165 *0200 R. Nederland: Eng s/on, nx (544 1/14 Yajko-PA);(554 1/28
 Pamularo-NJ);(444 1/24 0239 Howat-MA)
 9715 0500 R. Nederland: Eng "DI Jukebox" (434 1/23 Boyce-WA);(433 0525
 1/19 MacCoy-AZ)

HUNGARY

5965~~NI~~ 0100 R. Budapest: Eng w/ nx, commtry, nx (433 1/27 Zilmer-WI)
 6000 0300 R. Budapest: Eng nx (333 1/31 Jones-MS)
 9833 2245 R. Budapest: Eng w/ DX prgr (433 1/24 Zilmer-WI)

ITALY

9575 1831 Radiotelevisione Italiana: Ital w/ IS, ID, to LA, 1905* (342
 1/20 Beal-WA);(444 1832 2/8 Fleming-NJ)

LUXEMBOURG

6090 0007 R. Luxembourg: Eng "Top 40" (433 1/22 Quinn-NY);(333 0125
 2/4 Wells-NY);(422 2210 1/26 Scannell-MA)

MALTA

6100 0700 R. Canada International via Nigret: Eng nx (322 1/11
 Kiyomiya-JAPAN)
 7105 2115 RCI: Eng nx to Eur (454 2/4 Earhart-PA)
 7290 0700 RCI: Eng w/ IS, ID, nx (333 2/11 Crews-FL)
 9690 1839 RCI: Eng w/ mailbag (233 2/8 Fleming-NJ)

MONACO

7100 0730 Transa World Radio: Eng rel prgr (232 1/18 Warren-CA)
 7105 0745 TWR: Eng rel prgr (332 1/31 Warren-CA)

NORWAY

9590~~NI~~ 1400 R. Norway: Eng w/ "Norway This Week" (Sundays only) // 17795
 (422 2/2 Zilmer-WI)
 15175 1608 R. Norway: Eng nx (333 1/26 Savu-MI)
 17795 1403 R. Norway: Eng tlk on Norw fishing laws (233 1/26 Quinn-NY)

POLAND

7145~~E~~ 0703 Polish R.: Polish? w/ some mx, mostly tlk (332+ 2/5
 Earhart-PA)

PORTUGAL

6025 0234 R. Portugal: Eng nx (322 1/31 Jones-MS);
 (212 0330 1/24 Gelfand-NY);(333 2041 1/27
 Zimarowski-MA)
 9670 2031 IBRA R.: Eng tlk, mx, ID as "This is IBRA
 Radio", (222 1/25 Baron-PA);(433 2045 1/12 Pimblett-ALBERTA)
 2059 Adventist World R.: Eng rel tlk, mx, ID as "This is the Voice
 of Hope, Adventist World Radio" (222 1/26 Baron-PA)
 11875 1800 R. Portugal: Eng s/on, nx, press review (454 1/30 Grove-HI)

ROMANIA

5990 2100 R. Bucharest: Eng s/on, nx (332 2/1 Zimarowski-MA);(333
 0149 1/31 Jones-MS)
 9690 1315 R. Bucharest: Eng "Listener's Club", 1325* // 11940 (433
 2/2 Zilmer-WI)
 11775 1520 R. Bucharest: Eng w/ mailbag to S Asia (343 1/19 Junqua-JAPAN)

AWR

SPAIN

6065 0103 R. Nacional de Espana: Eng w/ sked (433 1/10 Bixby-BA);(333 0126 1/23 Savu-MI);(323 *0200 1/27 Bodell-OR);(323 0304 1/31 Jones-MS)
 11925 0302 RNE: Eng ID, nx (332 1/14 Pamularo-NJ)

SWEDEN

6195nf 0230 R. Sweden: Eng w/ IS under VOA 6190, replaces 6035 6135 from 0000-0330, // 9720 (211 2/6 Zilmer-WI)
 17710 *1400 R. Sweden: Eng w/ SCDX (444 1/21 Smith-NY);(434 1428 1/18 Yajko-PA)

SWITZERLAND

3985 0645 SBC: Eng w/ folk mx (333 2/8 Crews-FL)
 5970 *0144 SBC: Eng w/ IS, s/son, nx (332 1/19 Trzaskus-IL);(434 0200 1/29 Savu-MI)
 6120 *0145 SBC: Eng nx to NA (434 1/27 Badell-OR);(433 0150 1/23 Yajko-PA);(322 0200 1/10 Davidson-MA);(443 0202 1/15 Pamularo-NJ);(333 2100 2/4 Vogel-PA)
 9725 0430 SBC: Eng nx "Dateline" (222 1/22 Boyce-WA)
 15140 *1315 SBC: Eng IS, s/son, "Dateline" (434 2/3 Pamularo-NJ);(444 1325 1/25 Howat-MA)

USSR, EUROPEAN

4860nf 0433 R. Moscow: Eng to ECNA, site unknown (333 2/3 Trabee-HI)
 7130 *0030 R. Kiev: Eng s/son, nx, commtry (433 1/20 Pamularo-NJ)
 7150 0140 R. Moscow: Eng nx, commtry // 7105 7165 7205 (444 1/31 Jones-MS)
 7185 0120 R. Moscow: Eng nx, commtry, mx (424 1/22 Boyce-WA);(333 0320 1/21 Savu-MI)
 7355 2257 R. Vilnius: Eng w/ sked, ID (323 1/12 Bixby-CA);(434 *0030 1/27 Bodell-OR)

VATICAN STATE

6165 0100 R. Vaticana: Eng "Report from the Vatican", // 5995 9605, want comparative reports on 5995 and 6165 to help tune antennas (333 1/31 Whitehead-MA)
 11700 1700 R. Vaticana: Eng s/son, ID (353 1/29 Grove-HI)

YUGOSLAVIA

9620 *2200 R. Belgrade: Eng nx (222 1/11 Pimblett-ALBERTA);(323 1/24 Stuart-OK);(323 2205 1/26 Scannell-MA)

EUROPE/AFRICA ROUNDUP;

Ciao! Thanks go this month to new reporters: Dennis Boyce, Larry Garrett, Ken Grove, Bill Howat from our local coastal gem, Tokaharu Kiyomiya, and Richard Lewis. Keep those reports coming.

A reminder to all: Lately reporters have not been including all info and/or have not prepared them accordingly. To quote from the New Member's Packet of which you should have a copy, "write on only one side of the paper and leave space between items" To make the job easier for you (and the editors) by writing to SPREDX HQ and asking for some reporting forms, be sure to include 25 or 50¢ in stamps (no envelope needed).

International Waters - Mebo II lawsuit: In a lawsuit against one of the owners of the "Mebo II", settlement is still not at hand, though the prosecution has called for acquittal being that the law which the suit was based on was eliminated in April, 1974. However, confiscation of the transmitter was asked for of which the current conflict is based.

Also, the Palistine Liberation Army (PLO) has made an offer to buy the ship and transmitter, and the the African country of Gambia is also interested in the ship. Plans are still held by the owners though to broadcast under the name of "Radio Nova International" from a position off the Italian city of La Spezia.

(WWDXC)

Boston 200 TM

73,
Bob

ASIA-OCEANIA

MEL HICKMAN

Editor, Asia/Oceania

7409 S.E. 62nd

Portland, Oregon 97266

DEADLINE: 15th of the month



After last month's splendid section, the March column appears unassuming. A good Indonesian and Pakistan representation, some unusual sites in India, and a new frequency for Solomon Islands are a few of the highlights of the third A-O review of 1975. As always, all dates and times are in GMT, frequencies are in kHz, and the next deadline is March 15, 1975.

FREQ TIME SIO LOCATION

ASIA

AFGHANISTAN

4775 1343 343 JAPAN R. Afghanistan: Urdu (WRTH) tlk, mx, 1400 Eng. (Junqua 1/16)

BANGLADESH

4750T 1420 232 OR R. Bangladesh; U/lang Mideast mx. Pakistan and Afghanistan also use this frequency, so beware. (Bodell 2/19)
7385 1815 544 SCOT RB: English news and comment. (Crawford 1/27)

BURMA

BBS = Burma Broadcasting Service

5040 1450 332 CA BBS: English world mx, Fukien JKT QRM. (Cleveland 1/10)

CHINA, P. R. OF

2340 1445 442 CA JKT = "People's Broadcasting Station" PLA = People's Liberation Army
2475 1450 342 CA Fokien JKTs Chinese OM/YL drama. (Cleveland 1/24)
2600 1455 343 CA Chekiang JKT: Chinese music. (Cleveland 1/24)
3200 1529 443 CA PLA Fokien: Chinese vocal mx, 1500 YL ID. (Cleveland 1/24)
3270 1430 --3 CA PLA Fokien: Chinese play. (Cleveland 1/10)
3290 1430 --3 CA R. Peking: Eng to India, 1500 news. (Henderson 1/24)
3290 1447 433 CA RP: Chinese with nice instrumental music. (Cleveland 1/17)
3400 1105 253 PA PLA Fokien: Chinese talk. (Moore 2/2) also reported by Jones (MS) at 1207 with mx and by Miller (OH) w/YL tlk and mx.
3535 1445 454 CA PLA Fokien: Chinese music. (Cleveland 2/7)
3900T 1019 232 PA PLA Fokien: Chinese mx, heavy QRM and QRM. (Moore 2/2)
4050T 1500 422 CA RP: Russian ID, OM news. "Govorit Peking" ID. (Cleveland 1/29)
4110T 1122 353 PA Sinkiang JKTs Chinese mx, OM tlk. (Moore 2/2) Sounds fine, Don.
4190 1520 232 OR RP: Chinese orchestral music. (Jessen 2/1)
4380T 1120 353 PA PLA Fokien: Chinese YL tlk, into OM tlk. (Moore 2/2)
4500 1450 333 OR Sinkiang JKT: Chinese (?) w/Asian mx. (Bodell 1/25)
4620 1445 433 CA RP: Chinese vocal music. (Cleveland 1/22)
4840 1455 432 CA PLA Fokien: Chinese music // 3900. (Cleveland 1/14)
5850 1440 322 CA RP Mongol H.S. (DSWCI) or Chungyang JKT (FBIS): U/lang w/piano mx, 1454* w/Internationale. (Cleveland 1/29) Take your choice.
5900 1030 322 HI PLA Fokien: Chinese YL talk. (Trubee 1/19)
5935 *1015 222 HI RP: Chinese "East is Red", then YL ID and tlk. (Trubee 1/19)
5950 0900 333 HI Hailunkiang JKT: Korean service, into Chinese at 1000. (Trubee)
6165 0850 444 HI RP: Chinese w/long talk by YL. (Trubee 1/22)
6995 1610 333 CA RP: Swahili news by OM. (Snot 7/?)
7080 *1600 444 CA RP: Hindi OM/YL ID, OM news after list of freqs. (Snot 2/4)
7210 0309 433 NY RP: English news. (Quinn 1/24)
7470 1450 332 CA RP: Bag choral mx, ID, Internationale at 1454. (Cleveland 1/20)
7600 1200 212 CA RP: Burmese tlks, Chinese mx. Utility QRM. (Miller 1/31)
6790 1045 222 HI RP: Chinese opera, few annts. (Trubee 1/19)
6825 1554 232 CA RP: Hindi "East is Red" // 6520 (232). (Snot 2/9)
9495 1200 343 TW RP: Bag cnt on culture in China // 9650. (Kelly 1/30)
9860 1630 353 CA RP: Bag discussion on Chinese mx and instruments. (Radtke 2/8)
9940 0017 322 NJ RP: Bag tlk on Paris peace agreement, ID. (Famularo 2/4)
11945 0100 323 WA RP: Bag mx, "Across the Land". (Boyce 1/20)
0122 433 MI RP: Bag w/Chinese mx, moderate QRM. (Savy 1/21)

CHINA, REPUBLIC OF

6087 0950 222 OK BCG: Chinese tlk by YL, possibly jammed. (Hauser 2/10)
 17720 0200 353 CA WOFC: English news and comment, Chinese mx. (Radtko 1/28)

CYPRUS

6180 2035 333 PA BBC: English talk, mx, World Service ID. (Baron 1/21)
 11760 1302 333 JAPAN BBC: Eng world news, mx about Britain, ID's. (Junqua 1/14)
 11955 *0030 434 INDIA BBC: Bengali news, s/off at 0045. (Sridhar 1/12)
 15375T 1800 433 ALTA BBC: Eng mx, news review, 1830*. (Pialett 2/9)

INDIA

3235T 7777 211 MD AIR Gauhati: U/lang w/Hindi type mx, OM tlk. (Henderson 1/18)
 1531 --3 CA AIR Gauhati: Eng mx to 1545 by YL, into mx. (Snot 2/9)
 3355 1520 --3 WA AIR Korseong: Hindi talks under utility QRM. (Henderson 1/21)
 4840 1330 323 WA AIR Bombay: Hindi type programming, mx and talks. (Henderson)
 6130 0735 231 CA AIR Gauhati: Eng world mx by YL, ID as World Service. (Snyder)
 9705 *1223 332 WI AIR (?): Eng w/skcd, mx, u/lang at 1235. (Zilner 2/8) also
 noted in PA at 1240 in Tibetan (?) w/talks. (Barhart 1/8)
 11620 2206 444 PR AIR Delhi: Eng mx, cnt, all by YL. (Rodriguez 1/17)
 11810 1445 342 MS AIR Aligarh: Eng w/Indian mx, ID, OM mx. (Jones 2/8)

INDONESIA

3165 1150 343 WA RKPD Kota Madya, Surabaya (JAWA): Indo talks, into RRI news
 at 1200. (Henderson 2/1)
 3204 1242 323 WA RRI Bandung: Indonesian talks by OM. (Henderson) (JAWA)
 3277 1515 --3 WA RRI Jakarta (JAWA): Indo mx, ID, anthem, into mx. (Henderson)
 3286 1525 --3 WA RRI Madiun: Indo annts and light music. (Henderson 1/22)(JAWA)
 3305 1520 ??? CA RRI Bukittinggi (SUMATRA): Indo mx, Koran chants. (Henderson)
 3325 1420* --4 WA RRI Jayapura (IRIAN JAYA): Indo s/off after wayang kulit play,
 ID, and melody. (Henderson 2/1)
 3385 1515 --3 WA RRI Kupang (L. SUNDAS): Indo mx, 1520* w/Love Ambon. (Henderson)
 3392 1305 222 WA RRI Fak Fak (IRIAN JAYA): Indo RRI mx, 1320 ID, mx. (Henderson)
 3413V 1546 232 CA RRI Medan (SUMATRA): Indo tlks // 4764, 1600*. (Snot 1/26)
 3420V 1420 ??? WA RRI Malang (JAWA): Indo mx, RRI mx. Positive ID. (Henderson 1/31)
 1515 ??? CA RRI Malang (JAWA): Indo OM w/mx, 1520 tlk by YL. (Snot)
 3459 1523 --2 WA RPKB Bina, E. Sumbawa (L. SUNDAS): Indo pop mx, few annts, clear
 ID at 1600*. (Henderson 1/22) Excellent logging. Dan.
 3462 7777 322 WA RPKBK Pasuruan (JAWA): Indo RRI mx, light music. (Henderson 1/31)
 3778 1236 343 WA RPKBK Sumbawa (L. SUNDAS): Indo mx, into RRI hx. (Henderson 1/31)
 3905 1432 ??? WA RRI Palangkaraya (KALIMANTAN): Indo w/U.S. style C & W mx, into
 Warta Berita from Jakarta at 1500. (Henderson)
 0953 --3 MD RRI Jayapura (IRIAN JAYA): Indo talk, ARO QRM. (Henderson)
 4066 1304 343 WA(?) RRI Merauke (IRIAN JAYA): Indo talks, pop mx. (Henderson)
 4089 1531 333 WA RPKB Elitar (JAWA TIMUR): Indo mx requests, 1600*. (Henderson)
 4600 1300 433 WA RPKB Donggala (SULAWESI): Indo RRI mx, pop mx. (Henderson 1/31)
 4605 1249* --3 WA RRI Serui (IRIAN JAYA): Indo s/off w/Pacific Is. Melody with
 carrier off at 1251. (Henderson 2/1)
 4719 1353 343 JAPAN RRI Ujung Padang (SULAWESI): Indo mx, ID, 1400 mx. (Junqua 1/11)
 4764 1227 232 OH RRI Medan (SUMATRA): Indo YL w/rock and C-W mx. (Miller 1/25)
 4845 0850 222 JAPAN RRI Ambon (MALIKU): Indo mx, 0900 mx and ID at 0908. (Junqua 1/4)
 4927 1445 321 CA RRI Jambi (SUMATRA): Indo OM DJ w/pop tunes. (Cleveland 1/27)
 1552 --3 WA RRI Jambi with Moslem chants, low modulation. (Henderson 1/21)
 4932 1443 433 CA RRI Surakarta (JAWA): Indo pop mx, world mx at 1500. (Cleveland)
 5047 1150 242 OH RRI Yogyakarta (JAWA): Indo pop mx and tlks. (Miller 1/25) also
 noted by Cleveland in CA and Junqua in JAPAN.
 5490V 1158 343 WA R. Universitas Gajah Mada, Swara Caca (JAWA): Indo OM/YL talk,
 ID, into choral mx at 1200. (Henderson 1/22)
 1445 322 CA RUGB: Indo OM tlks, mx, 1500 ID. CW QRM. (Cleveland 2/6)
 6045 1535 433 JAPAN RRI Jakarta (JAWA): Indo pop mx, ID at 1539 & 1559. (Junqua 1/1)
 6070 0910 343 JAPAN RRI Jayapura (IRIAN JAYA): Indo tx by two OM, 0912 ID. (Junqua)
 6202 1200 433 WA Unid RPKB, probably Bandung (JAWA): RRI mx // 3204. (Henderson)
 7110 1136 344 OK RRI Yogyakarta (JAWA): Eng w/tlk, mx, German lessons at 1143,
 mentioned English at 0030 on 2350. (Hauser 1/27)

IRAN VOI = Voice of Iran

7065A 1613 333 JAPAN VOI: Farsi (WRTH) w/mx, 1630 ID, OM/YL mx, cnt. (Junqua 1/20)
 9022 0058 333 OR VOI: Continuous reading of the Koran. (Bodell 1/25)
 *2000-2030 --- -- VOI: Eng mx, cnt, and mx noted by Famularo (NJ) at 343, Miller
 (OH) at 343, and Crawford (SCOT) at 544.

IRAQ

3964.5 0123 --3 MD R. Baghdad: Arabic chants by OM, ARO QRM. (Henderson 1/18)
 9635T 1358 222 OR RB: Arabic talk, some music. (Bodell 1/26)

ISRAEL

5900 0500 444 PA IBA: English nx on Mideast, into French at 0515. (Earhart 1/21)
 2200 443 WI IBA: French tlk and mx. (Zilmer 1/24) // 7395 (443)
 7180 2215 433 WI IBA: French commentary. (Zilmer 1/25)
 7395 0500 --- SCOT-CA IBA: Eng news reported by Crawford (444) and Bixby (422)
 2000 433 USA IBA: Eng nx, mx reported by Savy (MI), Kratter (NY), Zilmer (WI)
 9009 1727 222 CA IBA: Hebrew YL tlk. (Jessen 2/9) 2230 442 WI U/lang talk. (Zilmer)
 9495 2120 332 NY IBA: Hebrew tlk, ads, mx. (Levin 2/8) 2230 422 WI (Zilmer 1/24)
 9630 2000 422 WI IBA: English news. (Zilmer 2/4)
 9815 2235 432 WI IBA: U/lang with talks and music. (Zilmer 1/24)
 11643 2215 322 WI IBA: Hebrew pop mx, ads // 9495. (Zilmer 2/8)
 12045 1403 343 JAPAN IBA: Hebrew nx, mx, and two spasms of ads, 1500 ID. (Junqua 1/4)

JAPANFEN = Far East NetworkNSB = Nihon Shortwave Broadcasting Company

3910 0800 --3 WCNA FEN: Eng nx, rock and C-W mx noted by Jessen OR, Garrett CA, and at 1505 by Cleveland CA.
 3925 0808 333 OR NSB: Japanese news. (Jessen 2/9) noted at 1010 in PA w/mx by Moore and in CA at 1500 with pop mx by Cleveland.
 5990 1400 444 NM R. Japan; Eng G.S. news. (Thompson 1/18) 1415 DX nx. (Kelly-TN)
 6005 0800 222 HI NHK Nakaoka: Japanese Sumo matches. (Trubee 1/12)
 6010 1447 322 CA VOA Okinawa w/English pop music. (Bixby 1/14)
 6055 1500 443 CA NSB: Japanese w/"Puff, The Magic Dragon" in Eng. (Cleveland 1/21)
 6155 1500 777 OK FEN: Eng w/Star Spangled Banner at local midnite. (Hauser 1/23)
 CA reports from Garrett 0735 333 and Cleveland 1508 432.
 9505 *0700 444 OK RJ: Eng G.S. news, into Japanese. (Stuart 1/3) Howdy, Jerry.
 9585 *1000 333 SCOT RJ: English General Service news, comment. (Crawford 1/29)
 9595 0545 333 AZ NSB: Japanese nx, OM/YL tlk. (MacCoy 1/10) also noted at 1500 w/rock mx by Cleveland CA and at 2322 w/classical mx by Hauser OK.
 11725 0004 322 MI RJ: Eng Current Events. (Savy 1/23)
 15105 *2300 433 ALTA RJ: Eng nx, cnt. (Pimblett 2/6) 2315 Eng tlk, DX nx. (MacCoy 1/12)
 15235 *0045 323 WA RJ: Eng to ECNA w/anthem. (Boyce 1/21)
 2211 454 NJ RJ: Japanese YL talking. (Famularo 1/17)
 17840A 0100 342 WA RJ: Eng s/on, into Japanese. (Beal 1/26) Sked shows 17825??????

JORDAN

9560 1630 343 MA R. Jordan: Eng Listener's Choice, 1700 nx and wx. (Whitehead 1/31)
 1701 232 NJ RJ: English YL nx, ID, talks. (Famularo 1/23)

KOREA, DEMOCRATIC PEOPLE'S REPUBLICKCBS = Korean Central Broadcasting Station

3015 1308 232 OR R. Pyongyang: Japanese talks by OM. (Bodell 1/26)
 1452 443 CA RP w/Japanese (?) mx, OM tlk, 1457* w/anthem. (Cleveland 1/31)
 3320 1440 433 CA KCBS: Korean choral singing. (Cleveland 1/30)
 3892 1525 777 CA RP: French here, possibly replacing 3696. (Snot 2/9)
 4770 1450 443 CA RP: Korean OM talks // 5870 (443 on 1/24), 1501 ID. (Cleveland)
 9975 1815 242 CA RP: English with Korean vocals. (Bixby 1/29)
 11535 2311 111 PA RP: English talks and ID. (Baron 2/5)
 15630 2300 212 WA RP: Eng news, talks, music. (Boyce 1/22)

KOREA, REPUBLIC OF

3140 1425 243 CA HLDA, Cheju Island: Korean until 1429 IS and ID, into Chinese. First heard 2-3 months ago, only Asian harmonic noted. (Snot 2/9)

KUWAIT

9520T 1358 232 OR R. Kuwait: Arabic chanting, VOA 9525 QRM. (Bodell 1/26)
 9715 *1700 333 INDIA RK: Eng after Urdu s/off // 11930 to Europe. (Sridhar 1/12)
 9735 1744 222 ENG RK: Eng wx, mx. (Malcahy 1/9) Are both freqs correct?...MLH
 11940 1330 332 PA RK: Arabic sports event, into Koran reading at 1340. (Earhart 1/8)

LAOS

4495T 1452 323 OR United Lao Races: U/lang talks. (Bodell 1/25) Anyone else hrd it?

LEBANON

9510 1845 444 CAMER R. Lebanon: Eng mx, talks. (Chaffin 1/14)
 9525 0239 322 OH RL: English news, OM ID. (Miller 2/5)
 0311 422 ALTA RL: Spanish w/Arabic music, talks. (Pimblett 2/10)

MALAYSIARMP = Radio Malaysia Penang

4985 1508 432 CA RMP: U/lang with native mx, YL DJ. (Cleveland 1/27)
 11750 0942 353 PR BBC: English program guide, sports news. (Rodriguez 2/2)

MALDIVES

4740 1530 --3 WA R. Maldives: English religious program until 1545, very readable ID at 1530, woman ID at 1545, station announcement and then into program of light pop music, some QSB. (Henderson 1/21)

<u>NEPAL</u>			
3425	1502	321	CA R. Nepal: English YL news, CW QRM. (Cleveland 1/24)
	1615	323	INDIA RM: Nepali w/film music mixed with ads. (Sridhar 1/11)
<u>PAKISTAN</u>			
3270	1428	--3	CA R. Pakistan Quetta: Pakistan mx until Peking carrier at 1429. (Henderson) Just proves QRM does strike twice in the same place.
3401	1530	--3	WA RP Rawalpindi: Arabic-like chants over FLA. (Henderson 1/21)
4750	1315	433	WA RP (site?): Urdu-type lingo with mx. (Henderson) See Bangladesh.
5950	1509	323	OR RP Rawalpindi: U/lang w/Mideast music. (Bodell 1/26)
6230	2115	444	SCOT RP Islamabad (?): English news, music, ID. (Crawford 1/28)
9460	0143	333	PR RP Islamabad: Urdu OM mx, Q145 ID, Asian music. (Rodriguez 1/24)
11885T	0010	322	OR RP Islamabad: Mideast type mx, WOA 11890 QRM. (Bodell 1/26)
17845	1325	242	PA RP Islamabad: Urdu tlk by YL, some mx. (Earhart 1/26)
<u>Azad Kashmir</u>			
3382T	1523	--3	WA Azad Kashmir Radio with Pakistani chants. (Henderson 1/22)
3916	*0115	--4	MD AKR: Pakistani chants after local lang s/on. (Henderson 1/18)
<u>PHILIPPINES</u>			
PBS = Philippine Broadcasting Service VOP = Voice of Philippines			
3286	1332	322	JAPAN PBS: Eng nonstop mx, 1400 ID. CW QRM. (Junqua 1/4)
9580	0730	353	CA VOP: Eng talk of Philippine tourism. (Radtke 2/6)
	0830	323	OK VOP: Eng mx, talk on food production. (Stuart 12/31)
	1645	322	WA VOP: Eng w/Philippino lessons, 1658* w/anthem. (Beal 1/9)
15440	2355	353	WI FEBC: English religious program. (Zilmer 2/7)
17810	0102	333	CA FEBC: English ID, science program. (Meehan 2/1)
<u>SABAH</u>			
RMS = Radio Malaysia Sabah			
4970	1450	332	CA RMS: U/lang with native mx, 1457 ID, Eng scheduled. (Cleveland)
	1530	252	CA RMS: Bahasa Malaysia (WRTH) talks and music. (Radtke 1/25)
<u>SARAWAK</u>			
RMS = Radio Malaysia Sarawak			
4835	1452	332	CA RMS: Malay with talks on economics. (Cleveland 1/14)
4950	0951	???	CA RMS: Chinese tlks by OM, possible ID at 0955, mx. (Snot 1/11)
	1501	433	CA RMS: English pop music. (Cleveland 1/27)
	1530	343	CA RMS: English C-W music. (Warren 1/25) Welcome aboard, OM.
5030	1500	343	CA RMS: English big band music. (Sixty 1/16)
<u>SAUDIA ARABIA</u>			
11890	1347	444	JAPAN BSKSA: Arabic with drama, mx, and talk. 1357 ID. (Junqua 1/9)
<u>SINGAPORE</u>			
5010	1430	333	INDIA R. Singapore: English news. (Sridhar 1/10)
5052	1445	333	CA RS: English oldies music. (Cleveland 1/10)
7170	1100	323	INDIA RS: Tamil noted here on 1/10. (Sridhar)
11940	1500	353	CA RS: English music, modern and C-W. (Radtke 1/25)
<u>SRI LANKA</u>			
SLBC = Sri Lanka Broadcasting Corporation			
11725	1342	323	FL SLBC: Eng pop mx, ID, rel program. (Smith 1/16)
	1505	343	JAPAN SLBC: Eng request program to South Asia. (Junqua 1/16)
11800	1430	323	INDIA SLBC: Hindi mx, QRM de Australia and AIR. (Sridhar 1/12)
15120	1945	454	PR SLBC: English popular music. (Rodriguez 2/7)
<u>TIMOR</u>			
ERTP = Emissora de Radiodifusao de Timor Portugues			
3668	1459	--3	CA ERTP: Portuguese OM talk, ARO QRM. (Snot 2/9)
<u>TURKEY</u>			
VOT = Voice of Turkey			
11880	1845-1930	333	ECNA VOT noted in Turkish with music and ID's. (Brooker MI)(Earhart PA)
	2213	333	ENG VOT: Eng mx, cat, DX program. (Malcahy 1/4)
	2225	343	FL VOT: Eng mx, YL ID, reports requested, OM mx. (Smith 1/21)
<u>UNION OF SOVIET SOCIALIST REPUBLICS</u>			
<u>Asiatic RSFSR</u>			
3995	1450	443	CA Khabarovsk w/classical mx, OM anncr. (Cleveland 1/21)
4030T	1450	433	CA Anadyr w/classical mx, Majak IS, time pips, s/off. (Cleveland)
4485	0610	311	AZ Petropavlovsk-Kamchatsky: Rus tlk, mx after 0600*. (MacCoy 2/1)
4940	1550	--4	WA Yakutsk with piano music from Moscow. (Henderson 1/21)
5015	1445	444	CA Vladivostok with classical music. (Cleveland 1/14)
6035	0802	444	CA Khabarovsk with OM and YL ID as "Govorit Radiostansia Yunost". (Snot 2/8) also by Jones MS at 1229 w/talk and mx (423) and by Jessen in OR with Majak IS (232)
6070	1330	322	MS Vladivostok: Rus with symphonic mx // 6090 (333). (Jones 2/8)
7160	1629	444	CA R. Moscow (Petropavlovsk-Kamchatsky ?) IS, into Rus mx. (Snot)
9580	0400	444	CA RM (Blagoveschensk): English newscast. (Caede 2/7)
<u>Azerbaijan SSR</u>			
4785	*0157	333	PR Baku w/Russian IS, anthem, YL/OM news. (Rodriguez 2/12)

Kazakh SSR

9380T 0150 232 OH Alma Ata w/Ras OM talks, some music. (Miller 1/24)
 15505 1228 252 PR Alma Ata in u/lang with OM tx, 1240 ID. (Rodriguez 2/2)

Site Unknown

3570M 1457 243 CA Unid Russian w/mx, time pipe at 1500, OM/YL nx. // 4040 (Vladivostok), but much weaker. Freq change from 3551 a few months ago. (Snot 2/9) Your guess is as good as mine, Kevin...MLH.
 5930 0915 333 HI Ras H.S. w/music, anants at hour and half hour // 5895. (Trubee)
 6020 *1500 233 ENG H.S. with light mx to abrupt 1541* // 6045. (Mulcahy 1/9)
 6060 1458 343 CA R.S. Peace and Progress: Mx til 1459 IS, into Chinese nx. (Snot)
 7170 1631 343 CA RM: IS until 1631, ID in Chinese by OM and YL. (Snot 2/9)
 9640 0600* ??? HI H.S. off after usual end-of-hour pause. (Trubee)

Tadzhik SSR

4635 0135 433 MD Dushanbe w/Ras tlk. (Henderson 1/18)

Uzbek SSR

6025 1220 332 PA R. Tashkent: Eng economic report by a YL. (Earhart 2/6)
 9940 1218 432 PA RT: Eng OM tlk to 1228*, into Urdu 1230 (WRTH). (Earhart 2/1)
 9600 1200 333 TN RT: English news and YL talk. (Kelly 1/29)
 1203 232 NJ RT: English nx, ID, tlks. (Famularo 1/31)

VIETNAM, DEMOCRATIC REPUBLIC VOV = Voice of Vietnam

4000 1432 232 OR VOV H.S.: U/lang w/Asian chants and talks. (Bodell 1/26)
 6383 1204 433 WA VOV H.S. Tay Bac: Viet type lang with music. (Henderson 1/21)

VIETNAM, REPUBLIC OF VTVN = Broadcasting System of Vietnam

4877 1455 433 CA VTVN: Vietnamese YL with talks. (Cleveland 1/17)
 7245 1455 432 CA VTVN: Vietnamese OM annts, martial music, 1500 ID. (Cleveland)

YEMEN ARAB REPUBLIC

5805T 0325 353 PA R. Sanaa: Arabic OM talk, music. (Moore 2/9)
 1450 132 OR RS: U/lang with weak Mideast music. (Bodell 2/14)
 6050T 2052 242 OH RS: Arabic mx and group singing (?). (Miller 1/19)
 2130 322 PA RS: Arabic Koran readings (chants). (Baron 2/1)

YEMEN, PEOPLE'S DEMOCRATIC REPUBLIC DYBS = Democratic Yemen Broadcasting Service

7190 0402 344 PA DYBS: Arabic OM/YL tlk, 0403 OM ID, music. (Moore 2/9)
 11770 1555 444 JAPAN DYBS: Arabic w/mx and talk, 1600 nx, 1605 mx. (Junqua 1/13)

OCEANIA

AUSTRALIA L = Lyndhurst D = Darwin S = Shepparton P = Perth B = Brisbane

4920 0827 243 PR ABC (B): Eng rel program, 0830 ID. (Rodriguez 1/26)
 6055 1300 323 MI R. Australia (S?): Eng news bulletin. (Savy 1/25)
 6140 1337 322 OH ABC (P): English OM and YL talks. (Miller 1/26)
 9570 1145 333 MA RA (S): Eng Mailbag program w/Keith Glover. (Howat 1/26)
 9585M 1410 444 WA ABC (P): Eng relay of 6WF. (Beal 2/2) Dunno, Bart. Anyone else???
 9610 1455 323 MN ABC (P): Eng on all night due to cyclone. (Miklejewski 2/17)
 VLW-9 also reported by Jessen OR, Jones NS, Meehan CA, Yajko PA, Kelly TN, and Famularo NJ.
 9680 0820 342 CA VLH/R-9 ABC Melbourne: Eng classical mx. (Meehan 1/17)
 9780 1515 221 WA RA (S): English newsreel, 1515 ID. (Beal 1/28)
 11790 1630 434 INDIA RA (S): Eng mx // 9770 (333), 7235 (323), 9570 (333). (Sridhar)
 11850 2130 323 PA RA (S): Eng talk on wines, into mx. (Vogel 2/7)
 11885 0756 353 OK RA (B): Eng PNG srvc, pop mx. (Hauser 2/10)
 15320 0105 444 CA RA (S): Eng mx program // 15240 (222). (Gaede 1/20)
 0230 343 AZ RA (S): English news reports, comment on economy. (Thompson 1/14)
 15425 2236 342 CA ABC (P): English local wx, pop music. (Blxby 1/12)

NEW CALEDONIA

7170 0715 444 ALTA R. Noumea: French mx, wx. (Pimblett 2/9) Also Earhart PA 0815 343.

NEW HEBRIDES

3945 0809 322 OR R. Vila: Eng (?) pop and island mx, YL in French. (Bodell 1/27)
 0857 443 CA RV: French OM talk, 0900 ID. (Henderson 1/24)

NEW ZEALAND

9540 0530 333 WA NZBC: Eng cricket nx. (Boyce 1/20) 0705 232 NY Eng sports. (Quinn)
 11780 various --- -- NZBC: Eng programming by MacCoy AZ 0545 322, Radtke CA 0600 353, Hasser OK 0752 254, Junqua JAPAN 0945 443, Pimblett ALTA 1755 333.
 15110 0400 343 MN NZBC: English news, orchestral music, piano music. (Thompson 1/15)
 1915 222 WA NZBC: English music, newsbroadcast, followed by a program of comedy. Identification at 1930. (Beal 1/14)

PAPUA NEW GUINEA

2376T 1107 121 OR R. Chimbu: weak u/lang talks. (Bodell-Hickman 2/17)
 2428T 0851 121 OR R. New Ireland: u/lang OM commentary. CW QRM. (B-H 2/17)
 2450 1104 131 OR R. Western Highlands noted with commentaries. (B-H 2/17)
 1223 333 WA RMH: U/lang with request program, reduced modulation. (Henderson)
 2468 0840 222 OR R. Northern District: U/lang local mx, QRM de KOU. (B-H 2/17)
 3220 0836 222 OR R. Morobe: Vernacular talks. (B-H 2/17)
 3245T 0833 132 OR R. Kerema: Commentary in local language. (Bodell-Hickman 2/17)
 3322.5 0825 222 OR R. Bougainville: Pidgin commentary. (B-H 2/17)
 3335 0823 232 OR R. Wewak: Vernacular YL talks, choral music. (B-H 2/17)
 3385 0815 232 CA R. Rabaul: Pidgin/Eng music, oldies, light rock. (Warren 1/9)
 4890 ---- ---- -- PNGBC in English continues to be a popular freq with reports
 from Kelly TN 0830 343, Garrett CA 0900 333, Miller CA 1000 555,
 Jones MS 1300 433, Miklejewski MN 1345 333, and Savy MI 1400* 233.
 9520 0600 353 CA PNGBC: Eng pop music, scripture reading. (Radtke 2/6)

SOLOMON ISLANDS

5015 0720 333 OR SIBS: Eng ID, local request program of pop mx. (B-H 2/17)
 0832 --- OK SIBS: noted mixing with Vladivostok and finally losing out at
 0900. Unid language. Poor frequency selection. (Hauser 2/10)

TAHITI

6135 0613 242 CA R. Tahiti: Tahitian (?) jazz // 11825. (Meehan 1/23)
 9750 0350 243 OK RT: Tahitian talk // 15170, 11825. (Hauser 2/4)
 11825 various --- WCNA RT: Four reports showing Tahitian island mx at 0415 433 MacCoy AZ,
 Tahitian mx at 0424 343 Jessen OR, French mx at 0440 444 Thompson
 NM, and French mx at 1700 353 Radtke CA.
 15170 various --- -- RT: Tahitian/French mx and tlk by Thompson NM, MacCoy AZ, Baron
 PA, Cleveland CA, Pimblett ALTA, Bixby CA, and Jessen OR.

CLANDESTINE

4552A 0544 343 JAPAN VRPR: English quotes of Kim Il Sung, 0615 ID, 0619 ID. (Junqua)
 7015 1120 253 OK VNUPK: Cambodian OM/YL tlk, music, gone at 1245. (Hauser 1/13)
 7085 1615 343 CA Me a Viet Nam: Vietnamese mx and Asian nx. (Spot 2/9)
 11830 1500 343 JAPAN VMR: English YL quotes from Marx and Engels, 1526*. (Junqua 1/18)

QUIZ TIME

Can you identify these?

7085 1450 432 CA U/lang YL Oriental mx, references to Vietnam, 1500 pop type mx,
 signal drifts from 7085 to 7088, ARO QRM. (Cleveland 2/4)
 10067 0850 232 HI Vietnamese (?) mx and YL tlk. (Trabee 1/14)

DATELINE

WASHINGTON, D.C....An advisory committee to the USIA recommends construction of 2500-kw transmitters for VOA to 'obtain superiority over the 500-kw outfits of other nations...' " (QST January 1975 League Lines via Hauser) Glenn, I have a comment about that but this bulletin is intended for family viewing. On the subject of VOA, they were noted recently with a report not intended for children. With "R" rated programs on VOA and musical jingles on AFRTS, what can we expect next?

AUSTRALIA...RA will soon begin testing from a "site in Western Australia" to compensate for the downed Darwin facility. (Keith Glover, Mailbag 2/2, via Hauser.)

ISRAEL...IBA now broadcasts a fairly complete schedule of all external services every Thursday at 2045. Flaudits to IBA's DX Editor for this initiative. (Hauser)

PAPUA NEW GUINEA...According to a recent SCDX program, a DX-pedition to Northern Sweden noted new ID's for three PNG regional stations. Radio Rabaul was heard identifying as Radio East New Britain, Radio Kerema as Radio Gulf District, and Radio Wewak as Radio East Sepik. Bob Bodell and I didn't get a chance to check these and would appreciate your help for the April bulletin.

MALAYSIA... Russell Spurr in the Far Eastern Economic Review reports BBC broadcasts to Asia will be seriously curtailed if the Malaysian government refuses to renew the license, which expires in March 1975 for the Johore Bahru relay station. Although there is a chance that the Malaysians will grant a short extension, they are believed to be apprehensive about offering foreign broadcasting facilities anywhere on their territory for fear of offending China. This from the November 15, 1974 issue (page 30) via Hauser.

MONGOLIA...In a letter to Kevin Spot, Ulan Bator Radio mentions the hope for having a North American service in the near future. They currently broadcast in Russian, French, Chinese, Mongolian, Kazakh, and English. Transmissions in the latter language are beamed to Africa, the Far East, and South East Asia on 17.82 and 17.78 MHz at 1200-1250 GMT and on 11.81 and 11.86 MHz at 2200-2230 GMT. This schedule is used every day except Sunday evening and Monday morning. Correspondence should be sent to the attention of Tuvdennyam at Radio Ulan Bator, CPO Box 356, Ulan Bator, Mongolia.

PORTLAND...Other than the slight rearrangement of the frequency spectrum in China, I hope their are no major goofs this month. Til nex time, Good DX, and 73's. *LM/EC*

STATION SKEDS

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СЪРБОКЪРВАТУНИ

Deadline: 15th

	GMT
to Great Britain	19.30 - 20.00 21.30 - 22.00
to North America	00.00 - 01.00 04.00 - 04.30

Having nothing in particular to say, I will get to the reports at once-

Albania: Radio Tirana in German at 0500-0527 is noted on 5960, not listed 5945, mixing with CBC Northern Service. (Richard Wood)

Belgium: Belgium Speaking is on the air in English to-

North America
 2255-2315 9730
 0040-0100 6055

South America
 2255-2315 11855

0040-0100 9730 (Robert Yajko)

Brazil: Radio Cultura da Bahia, Salvador, is on new 6155. Observed 0000-0300 and 0900-1100. (R. Wood)

Bulgaria: Radio Sofia has English to North America at 0000-0100 and 0400-0430 on "31 meters". Sofia frequencies on this band are 9765, 9700, 9550, 9560. (Bill Howatt)

Canada: Sorry, Glenn Hauser's report of last month was misinterpreted. The 3 English programs between 0620 and 0800 are all on all the frequencies listed for each of them. The target areas given apply just to the frequencies, not the times. (Glenn Hauser)

Chile: Voice of Chile sends this undated English sked-

2210-2230 6190, 9510, 9590, 15150
 0030-0050 as above

0250-0310 "
 0510-0530 "

(Mark Bixby)

Finland: Radio Finland has this English sked March 2- May 4:

To Europe

1400-1430 11755, 9550
 1600-1630 11755, 9550, 15185
 1800-1830 15185, 11755, 9550
 2030-2100 11755, 9550

To North America

1400-1430 15185
 0300-0330 9550

To South America

1400-1430 21605
 1600-1630 21605
 1800-1830 21605
 2030-2100 21605, 15185

(Barry Harding)

France: Contrary to reports last month, Radio-France has not ceased English broadcasts. It's scheduled 1700-1800 daily to Africa on 5955, 7285, 9520, 9630, 11705, 11935, 11940, 15120, 15165, 15300, 17755, 21620. (Robert Wickett, Richard Wood)

Germany, Dem. Rep.: RBI has this current English sked -

To Europe

1730-1815 7260
 1830-1915 6080, 6115, 7185, 7300, 9730
 2115-2200 7260

To Africa

0445-0530 9500, 11785
 1315-1400 17745, 21475
 1815-1900 11830, 15170, 15255, 21600

2000-2045 9510, 15250

To Southeast Asia

0645-0730 17740, 21465
 1200-1245 15255, 17880, 21540
 1400-1445 17880, 21540
 1530-1615 17880

To U.S.A./Canada

0100-0145 9730 (East)
 0230-0315 9730 "
 0330-0415 6080, 9560, 9730 (West)
 (Wendell Vogel, Barry Harding, Alan Gaede)

Germany, Fed. Rep.: Deutsche Welle is using new frequencies not listed in its current sked. 3995 noted in German 2300-0600 or later. Interval signal noted 0215-0230 on new 6065. Radio Free Europe has moved from 3995 to 3990 to avoid DW, Polish s/on 0355. (Richard Wood)

Guinea, Rep.: Conakry has reactivated 4910, noted 0500-0800. 7252 noted from 2200 fade-in to 0930 out, parallel 9650. (Richard Wood)

Hungary: Radio Budapest English to Europe 2045-2130 replaces 6005 with 6110. (Richard Wood) "15330" listed last month for English to NA is 15220. Via Larry Magne, also noted testing at 0300 on 5965. (G. Hauser)

Israel: IBA has registered this sked with ITU for March/April in English to North America: (300 kW)
 1130-1200 9625, 11705, 11960, 15105

2000-2055 9625, 11705, 11960, 15105

0500-0515 7125, 9525, 9625, 11960
 Presumably all programs will shift one hour earlier whenever Israel goes on DST. (Larry Magne via Glenn Hauser) (Jay Levin)

Japan: Radio Japan has this English regional sked to N.A. from March-
 2345-0045 15270, 15300
 0150-0230 15235, 15195, 17725, 17825

(Robert Wilson)

Kuwait: Kuwait noted on new 9715

at 1930 in English. (Richard Wood)
Malawi: Malawi Broadcasting Corporation has this sked-
0257-0520 3380 100 kW
0500-2110 5995 20 kW
0600-1715 7130 100 kW
1700-2215 3380 100 kW
(Robert Wickett)

Morocco: RTM Rabat now runs all night on 6170 and 6190 0000-0600. 9615 in parallel. (Richard Wood)

Portugal: Radio Portugal has apparently consolidated the U.S. and Canadian services. French to Canada noted 0200-0230 on 6025, previously only on 11840; then English to U.S. 0230-0300 and 0400-0430. 11935 in parallel. (Richard Wood)

Poland: Radio Warsaw has a combined English/Polish program to N.A.- 0200-0355 6095, 6135, 7270, 9675, 11810, 11815, 15120

Valid to May. (Glenn Hauser)

Saudi Arabia: BSKSA noted in Arabic on new 9770 1900-2200 or later. (Richard Wood)

South Africa: Radio RSA has this March-April English sked-
To North America
2226-2320 11970, 11900, 9695, 9525

To East Africa
0256-0426 9525, 7270, 5980, 3995

To West Africa
0611-0705 17780, 15220, 11900

To Central & East Africa
1056-1158 21535, 15220, 11900

1300-1446 11900
1300-1550 15220, 21535

To East Africa & Middle East
1556-1650 17780, 11900, 7270

To W. Africa, Europe, U.K.
2056-2150 11900, 9525, 7270, 5980

To Antarctica (Sun. only)
0956-1045 15155, 11970
(Glenn Hauser)

Spain: RNE xmts to North America in English 0200-0445 on 6065 and 11925 Mon.-Sat. (Hobart Beal)

Sweden: Radio Sweden to East N.A. 0000-0130 is looking for a replacement for intensely QRMD 6035. May test 9720. (Richard Wood)

Tahiti: Radio Tahiti broadcasts in English Tuesdays only from 1900-1908 on 11825 and 15170. (Hobart Beal)

Turkey: TRT continues to keep the English sked of 2200-0115 on 11880 to April. Saturdays is their DX program (Robert Wickett, Ralph Famularo)

Turks & Caicos Is.: Radio VS18, Grand Turk, broadcasts with 750 watts PEP on 4788 kHz, 1800-1930 and 2200-2300 Monday-Friday, and 1800-2000 and 2200-2330 Saturdays. (Tom Gavaras, Radio VS18)

U.S.S.R.: Radio Tashkent, Uzbek SSR, has this sked-
English 1200-1230/1400-1430

Hindi 1300-1330/1500-1530
Urdu 1230-1300/1330-1400
(all on 11925, 9600, 9540, 6025)
Persian 1600-1630

Arabic 1630-1700
Uzbek 1600-1630, 1700-1730
(above can be among 9600, 9550, 7145, 5945) (Tom Smith, Ralph Famularo, Robert & Rita Kelley)

Radio Kiev xmts GMT Tuesday, Friday, Sunday in English to N.A.-
0030-0100 17870, 17775, 17720, 15180, 12050, 7355, 7205, 7185, 7150, 6025 (6020?)

0300-0330 11860, 9780, 9665, 9580, 7400, 7260, 7185, 6025 (or 6020?)

Glenn thinks he's taken care of most of the rounded off frequencies. (Glenn Hauser)

U.S.A.: United Nations Radio noted with a new service, Portuguese to Africa, with UN news 0520-0525 on a Saturday, 9530 via Greenville. (Richard Wood)

DELETED

Great Britain: BBC has this sked valid March-May 3rd in English to Canada/USA/Mexico-

17840: 1430-1615*

17790: 1300-1615

15365: 1600-1730**

15260: 2000-0330*

15070: 1100-1615

11905: 1100-1215**

9580: 2115-0430 (* from 2300)

9510: 2300-0330 (** to 0030)

7325: 2245-0330

6175: 2300-0430**

5975: 2115-0430

(*)- via Ascension, (**)- via

Sackville. (B.B.C.)

Malaysia: Here is the current BBC

English sked for the Far East re-

lay at Tebrau-

To Australasia & Pacific

0900-1315 15310, 11750, 9740

2200-2245 9570

To Central America & Caribbean

1100-1315 11750

To East Asia

0900-1430 17880 (to 1130), 15435

(to 1215), 11750, 9740

2200-2315 6195, 7120, 9580

2200-0030 11955, 15435 (from 2300),

17880 (from 0000)

To South Asia & Burma

0900-1830 15310, 11955 (from 1515),

11750 (to 1615), 9740,

7180 (from 1645), 6195

(from 1100)

2200-0030 11955, 9580, 7120, 6195

(to 0000)

To Southeast Asia

0900-1615 11750, 9740, 6195, 3915

(from 1500), 17880 (to

1130), 15435 (to 1215)

Out of room! See you again next

month, 73s *mark*

UTILITY REPORT

EDITOR—Steven J. Handler
ASS'T EDITOR—Kenneth Compton

Send reports to:P.O. Box 253
Deerfield,IL 60015 U.S.A.

Deadline: 20th of the month

LOGGINGS

NORTH AMERICA

CANADA:	9445	1800	RCI EE feeder 1900 FF to Daventry AM (Hauser-OK)
	10520	2057	CGG6 COTC Drummondville OM EE/FF vm SSB (Tafel-?)
	11200a	1856	St. Johns Mil. Aeradio OM EE tfc LSB (Agner-NJ)
	12874	2240	VCS Halifax NS DOT CQ mkr CW (Thompson-NM)
GREENLAND:	13605a	1633	OKI Kook Isl. OM Danish vm USB (Schilde-FRG)
U. S. A.:	180a	0030	WGU20 DCPA Edgewood Arsenal MD OM EE time & wx vm AM (Sputo-FL) also hrd @ 1853 by Ron Nutter-NY wants to know if anyone has an address for this station. Does anyone? If not, see the February SPEEDX Utility Report! How's that for service?
	216	0315	"CLB" FAA Beacon Carolina Beach CW (Scott-FL)
	388	1159	"AM" FAA Tampa FL Beacon xmtr test AM/CW (Scott)
	2182	0403	NMG2 CG New Orleans OM EE tfc AM (Nutter-KY)
		0421	NOY CG Galveston TX om EE tfc AM (Nutter-KY)
	2670	0901	NMO CG Honolulu HI YL EE Notice to Mariners AM (Chabak-CO)
		0146	NMF CG Boston OM EE tfc AM (Agner-NJ)
	4386.6	0438	CG San Fran CA OM EE wx USB (Dawson-CA)
	5519	0655	KIS70 Anchorage AL VOLMET OM EE wx AM (Trubee-HI)
	5589	0652	Anchorage AL Aeradio OM EE tfc AM (Trubee-HI)
	5696	0403	"BARB AIR" CG Barber's Pt Oahu HI OM EE tfc SSB (Chabak-CO)
	5703	0715	AFI McClellan AFB CA OM EE tfc SSB (Chabak-CO)
	6495	2335	WNU TRT Slidell LA CQ mkr CW (Thompson-NM)
	8590	0120	KOK ITT Cerritos CA CQ mkr CW (Thompson-NM)
	8733.6	1910	WOO ATT Manahawkin NJ OM EE tfc AM (Agner-NJ)
	8758	0102	WOO ATT Manahawkin NJ OM EE wx & Roll Call USB (Warren-CA)
	8761	0558	NMO CG Honolulu HI YL EE wx USB (Trubee-HI)
	10720	0735	NPG USN SanFran CA OM JJ Tfc LSB (Dawson-CA)
	13011	1915	WAX TRT Ojus FL V mkr CW (Thompson-NM)
	13038	1901	KLC ITT Galveston TX CQ mkr CW (Greenall-ONT)
	16978.4	2320	KHK RCA Honolulu HI V mkr CW (Thompson-NM)
	18990a	????	KMI ATT Dixon CA OM EE vm AM (Beal-WN) What time, Bart?

CARIBBEAN

BAHAMAS:	6125a	1550	BGCT Freeport Nassau EE tfc AM (Scott-FL)
BERMUDA:	13500a	2041	C&W St Georges OM EE vm SSB (Chabak-CO)
CUBA:	7935	0100	CML23 IRTS Havana YL SS/EE vm USB (Warren-CA)
	13474	1621	CLA223 Bauta IRTS YL SS/EE vm LSBRC (Schilde-FRG)
	16157	1205	CLA229 Bauta IRTS YL SS/EE vm SSB (Crawford-SCOT)
	22396	2245	CLA Havana CQ mkr CW (Thompson-NM)
JAMAICA:	11595	1402	6YR52 JAMINTEL Kingston OM EE vm SSB (Chabak-CO)
PUE. RICO	10101.6	0724	WVL20 AACR San Juan OM EE/SS vm USB (Dawson-CA)
TRINIDAD:	8710	0104	9YL North Post V mkr CW (Fansler-IL)

SOUTH AMERICA

ARGENTINA:	13895a	2244	ENTEL Buenos Aires YL SS vm SSB (Chabak-CO)
BRAZIL:	8634	2318	PPR Rio PTT CQ mkr CW (Fansler-IL)
	14605a	1855	EMBRATEL Rio YL EE/FF-OM PP vm SSB (Chabak-CO)
	14690	2252	EMBRATEL Rio YL EE/FF-OM PP vm SSB (Greenall-ONT)
CHILE:	8060	0220	CCS Navy Santiago V mkr CW (Thompson-NM)
COLOMBIA:	1675	1058	"BGA" Bucaramanga Beacon CW (Hauser-OK)
	12853.5	2220	HKO Buenaventura EMNATEL CQ mkr CW (Thompson-NM)
	12871.5	2255	HKB Barranquilla EMNATEL CQ mkr CW (Thompson-NM)
COSTA RICA:	1670	0925	TIPM Palmares beacon mkr CW (Hauser-OK)
	13094	1820	TIM San Jose CRI V mkr CW (Thompson-NM)
SURINAM:	13175.5	1223	PZM Paramaribo LTT CQ mkr CW (Fansler-IL)

URUGUAY: 8037 0151 CXL21 DTI Montevideo YL SS Time Sig (Chabak-CO)
 19528a 1227 "La Señal Indicarà" Montevideo SS Time Sig USB
 YL (Schilde-FRG)
 VENEZUELA: 6100 0509 YVTO Cagigal Observatory Caracas OM SS Time Sig
 AM (Sputo-FL)

EUROPE

CZECH.: 11391 0920 OKL Prague VOLMET YL EE wx AM (Crawford-SCOTLAND)
 ENGLAND: 3805.6 1218 GCN BPO Portishead OM EE vm AM (Crawford-SCOTLAND)
 1830 GCN BPO Portishead OM EE tfc LSB (Agner-NJ)
 FRANCE: 6802 0626 FTS Paris OM FF/EE vm LSB (Trubee-HI)
 8275a 0720 FTS Paris OM FF vm SSB (Chabak-CO)
 10195 1905 FPR9 FTS Paris OM FF/EE SSB (Crawford-SCOTLAND)
 11391 0930 Paris VOLMET YL FF wx AM (Crawford-SCOTLAND)
 17790a 1854 FTS Paris FF tfc USB (Agner-NJ)
 GERMANY E.: 8712 0104 DHS Ruegen PTT CQ mkr CW (Fansler-IL)
 12300a 1745 DHS Ruegen R. PTT GG tfc LSB (Agner-NJ)
 13137 0936 DHS Ruegen YL GG/EE/FF vm SSB (Crawford-SCOTLAND)
 13375 1155 DKW5 Berlin UDP OM EE/GG/FF vm SSB (Crawford-SCOT)
 GERMANY W.: 8770.4 0850 DAJ Norddeich R. YL GG/EE/FF vm SSB (Crawford)
 12763.5 2323 DAM Norddeich R. V mkr CW (Thompson-USB)
 GREECE: 9318a 0622 Hellenic Telecom Athens YL EE/Gr vm USB (Schilde)
 HOLLAND: 5920 0120 PTT Amsterdam w/R. Nederland feed SS SSB (Hauser)
 ICELAND: 13069.5 2039 TFA Gufunes PTT CQ mkr CW (Greenall-ONT)
 ITALY: 13015.5 2205 IAR Roma Maritime V mkr CW (Thompson-NM)
 MALTA: 9032 1656 9HA Luga VOLMET OM EE wx USB (Schilde-FRG)
 TURKEY: 17520a 0657 PTT Ankara YL EE/Turk vm LSB (Schilde-FRG)
 U.S.S.R.: 13010 0940 Murmansk R/T Sta MINCOM YL RR vm SSB (Crawford)
 13030 0946 Leningrad R/T Sta MINCOM OM RR vm SSB (Crawford)
 16325 0935 RKI Moscow YL EE vm SSB (Crawford-SCOTLAND)

AFRICA

AFARS&ISSAS: 10710 2135 TXZ Djibouti ORTF YL FF vm SSB (Crawford-SCOT)
 12020m 1910 PTT Djibouti YL FF/EE vm USB (Handler-IL)
 ALGERIA: 16055 0725 7UA70 PTT Algiers OM FF/AA vm USB (Schilde-FRG)
 ASCENSION I.: 9805 ??? C&W OM EE vm SSBRC (Hauser-OK) Time?
 BURUNDI: 17440a 0655 MTPA Bujumbura OM/EE/FF vm USB (Schilde-FRG)
 CANARY IS.: 13092 1222 EAT4 DGCT Tenerife CQ mkr CW (Fansler-IL)
 CHAD: 14747.5 0720 TTZ47 FCR Fort Lamy YL FF/EE vm USB (Schilde-FRG)
 COMORO IS.: 20335a 0758 FJN FTS Dzaoudzi YL EE vm USB (Schilde-FRG)
 CONGO: 11477.5 0643 TNH4 OTIC Brazzaville OM FF/EE vm USB (Schilde)
 CENTRAL AF.: 18845 0712 TLZ88 FCR Bangui YL FF/EE vm USB (Schilde-FRG)
 11025a 2049 FCR Bangui YL EE/FF vm USB (Greenall-ONT)
 DAHOMEY: 17410a 1422 FCR Contonou YL FF/EE vm USB (Schilde-FRG)
 13535 1955 TYK35 FCR Contonou YL FF/EE vm USB (Compton-MA)
 ETHIOPIA: 20052.5 0805 ETT32 IBOT Addis Ababa OM EE vm USB (Schilde-FRG)
 GABON: 18856.7 0714 TRZ88 FCR Libreville EE/FF YL vm USB (Schilde)
 IVORY COAST: 4500a 0545 INTELGI Abidjan YL FF/EE vm SSB (Agner-NJ)
 5260 0135 TUP52 INTELGI Abidjan YL FF/EE SSB (Chabak-CO)
 15930a 2010 INTELGI Abidjan YL FF/EE vm SSB (Chabak-CO)
 KENYA: 14590a 0755 EAETC Nairobi OM EE vm USB (Schilde-FRG)
 LIBERIA: 9895 2354 5IF9 FCR Monrovia OM EE/FF vm SSB (Fansler-IL)
 13557.5 2325 ELA13 LTA Monrovia OM EE vm LSB (Dawson-CA)
 19665 1404 5LF16 FCR Monrovia YL EE vm LSB (Schilde-FRG)
 MALAGASY: 17601 0705 5RY76 STIMAD Tananarive YL FF/EE vm USB (Schilde)
 MALI: 20723a 1220 STIM Bomako YL FF/EE vm USB (Schilde-FRG)
 MAURITANIA: 5775a 0720 PTT Nouakchott OM FF vm SSB (Chabak-CO)
 MAURITIUS: 12988.5 1907 GZC BRN Vacoas V mkr CW (Greenall-ONT)
 REUNION IS.: 9212a 1654 FTS St. Denis YL FF vm LSB (Schilde-FRG)
 RWANDA: 18834 0732 MinCom Kigali OM FF/AA vm USB (Schilde-FRG)
 SÃO TOMÉ: 18355a 0755 CQK45 CTT V mkr CW (Schilde-FRG)
 SENEGAL: 6610 0537 Dakar Aeradio FF/EE OM tfc AM (Agner-NJ)
 8609 0059 6Ww Fr. Navy Dakar V mkr CW (Fansler-IL)
 SIERRA
 LEONE: 13695 1733 SLET Freetown YL EE vm SSB (Tafel-??)
 S. AFRICA: 6495 0230 ZRH3 Cape Naval R. Wynberg V mkr CW (Thompson-NM)
 6509 0215 ZRQ Cape Naval R. Wynberg V mkr CW (Thompson-NM)
 8566 0054 ZSJ Cape Naval R. Wynberg CQ mkr CW (Fansler-IL)
 TOGO: 10800 2330 5VH308 FCR Lomé YL FF/EE vm SSB (Fansler-IL)
 14777 0722 5VH347 FCR Lomé YL FF/EE vm USB (Schilde-FRG)
 UPPER
 VOLTA: 11095 0638 XTA9 FCR Ouagadougou YL FF/EE vm USB (Schilde-FRG)

ASIA

BAHRAIN: 17540a 0703 C&W Manama OM EE vm USB (Schilde-FRG)
 IRAQ: 14400a 0715 PTT Bagdad YL EE/AA vm USB (Schilde-FRG)
 ISRAEL: 10305 1600 4XQ30 PTT Tel Aviv OM EE vm SSB (Crawford-SCOT)
 JAPAN: 5589 0650 Tokyo Aeradio OM EE tfc AM (Trubee-HI)
 12826.5 2310 JCS Choshi R. CQ mkr CW (Thompson-NM)
 13054 1835 JDC Choshi R. CQ mkr CW (Thompson-NM)
 KUWAIT: 14415a 0717 PTT AA/EE YL vm LSB (Schilde-FRG)
 SAUDI
 ARABIA: 8130 1712 PTT Jeddah OM new EE vm USB (Schilde-FRG)
 SYRIA: 18270 0735 UM Gelan Heights clg OE522 USB (Schilde-FRG)
 18533 1357 YKWI08 PTE Damascus OM AA/EE vm USB (Schilde-FRG)
 THAILAND: 7863 1235 Bangkok Met Svc w/mx & OM Thai/EE annmets AM
 (Scott-FL)

THE ANTIPODES

AUSTRALIA: 7500 1204 VNG Lyndhurst time pips AM (Tafel-??)
 10017 1030 VNG Lyndhurst time pips AM (Beal-WN)
 1300 Sydney VOLMET OM EE wx AM (Beal-WN)
 NEW
 ZEALAND: 8870.4 0845 ZLW NZPO Wellington OM EE vm SSB (Crawford-SCOT)
 15520 0212 ZLX51 NZPO Himatangi OM EE tfc USB (Dawson-CA)
 19488 2013 ZLX31 NZPO Himatangi CQ mkr CW (Greenall-ONT)

OCEANIA

AMER. SAMOA: 7860a 0717 KUQ20 USDI Pago Pago OM EE vm SSB (Chabak-CO)
 15625 0040 KUQ20 USDI Pago Pago OM EE tfc USB (Dawson-CA)
 15882 0050 KUQ20 USDI Pago Pago OM ?? tfc USB (Dawson-CA)

HIGH SEAS

2634 0910 "Hawaiian Princess" OM EE tfc to Honolulu AM (Trubee-HI)
 16475 1758 GKYQ HMS Fearless OM EE w/Portishead AM (Handler-IL)

TACTICALS

4812m 2125 BISMARCK wkg SEAWEEED & CONFETTI-3 SSB (Handler-IL)
 9014a 2106 MEDIAN OM EE Rollcall SSB (Chabak-CO)

The loggings below are not in their correct order -- Sorry!

U. S. A.: 5519 0655 KIS70 Anchorage AL VolMet OM EE wx AM (Trubee-HI)
 5850a 1730 AFT1 (?) OM EE vm: "...a sta of the Defense Command
 Network." 20" annmct w/count AM (Beal-WN)
 21715 2029 KQ2XSG/I Lamont Doherty Geological Survey, Palisades
 NY OM EE tfc SSB (Hauser-OK)
 U.S.S.R.: 6905 2312 Soviet Met sta QTH unk OM RR wx AM (Hauser-OK)

"SPY" NUMBERS STATIONS

New SPEEDX member Bob Wirrell submitted the Spanish numbers station loggings below and made a very interesting discovery within them as noted following the loggings:

5255m 1412-1448 YL EE 4-digit groups, msg ending @ 1428 fol by "Repeat Count 191 191" and a repetition of the msg, "End" at 1448 (Compton-MA)
 5900 0700-0725 YL SS "120" fol by "160 239 Atencion" then 5-digit groups SSB (Wirrell-MA)
 6900 0730-0755 YL SS "120" same xmsn as 0700 SSB (Wirrell-MA)
 8100 0800-0830 YL SS "120" same as earlier xmsns SSB (Wirrell-MA)
 9400 0845-0910 YL SS "120" Same xmsn SSB (Wirrell-MA)

During the 0700 SS xmsn above Bob diligently copied every group sent, and noticed an unusual one: 69000. His attention caught by the three zeros, he decided it looked like a frequency, dropped the final zero and tried 6900 and Eureka! There was the SS nbra lady again!

And so during the 6900 xmsn he noted another strange group, 81000, found her again on 8100 where he noted the group 94000 and by this time was not surprised at all to find her again on 9400.

These linked transmissions were noted on February 7. Bob has caught the same SS YL both before and since that date without any frequency groups that he could identify as such. In any case his perpsiscacy in deducing their significance was amazing!

UTILITY QSLs

AFARS & ISSAS; TXZB-DJIBOUTI 8682 Khz, returned PFC in 22 days airmail for French rpt. and ms, 1 IRC, and return envelope. MS not used. Rpt sent registered. WUDXH add=OK(French)

ARGENTINA: LSA5-EMPRESA LINEAS MARITIMAS ARGENTINAS, Boca Radio, 12709Khz,retund PFC w/ personal ltr, view card, & ham cards from 3 ops in 6 weeks. (White-Or)

AUSTRALIA: ROYAL AUSTRALIAN NAVAL STATION-CANBERRA (VHP), 12907.5 Khz, 10kW sent letter in 2 months for 2 IRCs and EE rept. vs:H.Josephs (Koizumi-Japan)

OVERSEAS TELECOMMUNICATIONS TERMINAL-AORTS EASTERN (Sydney Radio) VIS3 1kW sent card in 2 months. 6464 Khz. photo of Earth Station on card. 1 IRC and EE rtp (Koizumi) same, 17410 Khz VKS50 30kW sent card in 1 month air with photo of earth station in 1 month for 1 IRC. (Koizumi-Japan) same, 17410 Khz, VKS50 (Sydney) sent card and letter for VM reception in 14 days air for no rp and EE rtp. vs:W.H.Cato (Mullen-Mt)

CANADA: VAR-ST JOHN MARINE AERADIO STATION 2598 Khz, St John, NB send PFC for ms and EE rpt. 13 days. vs:R.Kirkpatrick-Aera Opr. Supr. (Walters-NJ)

VAU-YARMOOUTH MARINE AERADIO (NS) STATION returned PFC in 12 days for EE rept, vs: T.A.Muir-Area Oper. Supr. (Walters-NJ)

VBK-TROIS RIVIERES RADIO, Cap-de-la-Madeleine, Que., returned PFC in 10 days your ms, vs: Maurice A. Labelle-TSM (Walters-NJ) Please send addresses used for VAU/VBK/VAR-sh CHU-Time Station sent f/fata card w/picture of Sir Fleming. 7335Khz in 12 days for no rp (Ukn) same (Kerrigan-IL)

CENTRAL AFRICAN REP; FRANCE CABLES ET RADIO-Bangui 15640 Khz rcvd FF PFC from Le Chef de Centre in 80 days Air for FF rpt and SASE in 3rd try. 6kW (Greenall-BC) V.Good-sh

CZECHOSLOVAKIA; the correct address of Prague Volmet is: Praha Volmet OKL- Civil Aviation Administration; Federalni Ministerstvo Dopravi v Praze; Prague, Czechoslovakia. PFC QSLs will be returned but must sent IRCS or MS. vs:Ing. W. Perlik. Frequencies in use are 2980, 5575, 11391. Also they ID as Prague Radio when talking with Aircraft. (Handler)

DENMARK: OXZ-LYNGBY RADIO 22419 KHz, sent card, White & Black in 78 days for 3 IRCs and EE rpt. (Walters)

HAWAII: WWVH-Kauai, Hawaii NBS sent Warrior card 10,000Khz for np rp in 21 days (Unkn)

ITALY: GENOVA RADIO-ICEB 17216.5 KHz sent plain white full data card in 52 days Air for 3 IRCs and EE rpt. vs:Director-F.Cazzola (Walters-NJ) same 8649.5 KHz 2kW sent ltr in 1 month Air for 2 IRCs. (Koizumi-Japan)-Very Good catch from your QTH!
IRM-INT'L RADIO MEDICAL 8685 KHz Rome sent ltr QSL from Director-Dr. Nino Rizzo. also sent data on service. 3 IRCs, 20 days AIR. (Walters-NJ)

JAPAN: JDC-CHOSHI RADIO 13054Khz sent full data QSL, 3x5 ship of paper with info & full data QSL for 3 IRCs and EE rpt. 20 days Air. also sent wkg sch. (Walters-NJ)

MEXICO: VERA CRUZ RADIO-XFU 12772.5Khz sent QSL registered letter. (White)

NEW ZEALAND: ZLP4-ROYAL NAVAL COMMUNICATIONS STATION-WAIOURU 8678 Khz 2.5Kw sent ltr in 3 months surface for 1 IRC and EE rpt. vs: Carl J.N. Edwards (Koizumi-Japan) Note-this is also used by US Naval forces and is 'shared' station.-sh

PORTUGAL: CUL222-LISBOA RADIO Linda-a-Velha sent card, vs:Jose C. de Almeida Campos, in 13 days. card was a photo of station with Merry Christmass & Happy New Year for EE rpt and 3 IRCs. they replied via Air. (Walters-NJ)

SOUTH AFRICA: ZUO-NATIONAL PHYSICAL RES. LAB 2500 Khz Pretoria sent letter and data sheet on ZUO. vs: R. Lake. 3 IRCs sent for EE rpt (Walters-NJ)

SURINAM: PZN-LANDS TELEGRAPH & TELEPHONE-Paramaribo sent card w/full data in 19 days/ card was usual folder map/flag card. 1 IRC sent and EE rpt. (Walters-NJ)

NOTE: Please if you have a NEW or Corrected address, send it along. Other readers of this column may be able to use the address.-sh

UNITED STATES:

KCC-CORPUS CHRISTI (Tx) MARINE OP. 2538Khz full data PFC 150w,10 days for ms (Sputo-Fl)

KMI-AT&T HIGH SEAS Oakland,CA 13151Khz sent ackndgmt card in 15 days for ms (Walters)

KPH-San Francisco Radio (RCA) 13002Khz Pt Repes, Ca sent letter with confirming statement only in 8 days. vs:W.N.Haylon (Walters-NJ)

WGU20-DEFENSE CIVIL PREPAREDNESS AGENCY-CHASE,MD (EDGEWOOD ARSENAL) 179Khz sent card with no data. 23 days no rp (Sputo) same 1 week (Handler), same 9 days (Walters)

WCC-RCA CHATHAM RADIO 8586Khz sent full data pers ltr in 9 days for ms (Walters-NJ)

WMH-RCA DUNDALK MARINE-BALTIMORE,MD 8686Khz sent 3x5 index card with full data in 9 days. vs: William E. Derr. (Walters-NJ)

WOO-OCEAN GATE RADIO AT&T, MANAHAWKIN, NJ 4390Khz sent ackngmt card in 16 days w/no data. vs: Patricia Callan. ms sent (Walters-NJ)

WEST GERMANY: DAM-NORDDEICH RADIO 8638.5KHz sent letter with data less time in 13 days Air for 1 IRC and EE rpt (Walters-NJ)

SHIPS: the following are from Jack White MS stands for Merchant Ship

MS-PORTMAR-WKFP returned PFC w/pers. ltr in 5 weeks
MS-PREMANTE STAR-GXSK sent ltr & photo of ship in 8 weeks
MS-MARITIME PIONEER-HOQI ret'd PFC w/pers. ltr in 11 weeks
MS-GUDRUN BAKKE-JXBC ret'd PFC w/pers ltr and view card in 2 weeks
MS-WELSH HERLAND-GLMA sent letter in 9 weeks
MS-GRECIAN TEMPLE-6ZRE ret'd PFC in 4 weeks
USS JOHN R. CRAIG-NBIE-ret'd PFC w/pers. ltr in 2 weeks
MS-PHILIPPINE MAIL-KEJP-ret'd PFC in 8 weeks
MS-ARIEL-5ZLM-ret'd PFC w/ltr in 16 weeks
MS-PEARL ISLAND-5MZV-sent ltr & ham card from op 5 weeks
MS-ALEMANIA-DNKE ret'd PFC w/ltr & ship menu 7 weeks
MS-GLYFADIA-5BPD ret'd PFC in 2 weeks
MS-GEIKO MARU-JJRL ret'd PFC w/ltr & folder in 5 weeks
MS-CUISAS de BARRANQUILLA-HJNT ret'd PFC w/ltr & view card in 5 months
MS-SANDAR-LFVG ret'd PFC w/ltr & stamps in 10 weeks

MISC: from Hank Holbrook comes the following

2182/2670 NPCR USCG CUTTER DALLAS 40N12 70W03 all QSL data in ltr and also sent photo of ship in 2 weeks. (Holbrook-MD)
2182/2670 NMD34 USCG Station Charlevoix, MI ret'd PFC in 2 weeks 25w (Holbrook-MD)
2670 NMV3 USCG Mayport, FL ret'd PFC in 3 weeks for ms (Holbrook-MD)
500 9YL TEXTEL-Port of Spain, Trinidad sent QSL ltr. Address was: P.O. Box 3, Port of Spain, Trinidad

NEWS, ADDRESSES, ETC

The UNITED NATIONS Broadcasts on Upper Side Band from Greenville, NC from 0000-0015 GMT with News in Portuguese, 10454 KHz. This is via the VOA Facilities. They also broadcast News in Russian on Fridays ONLY from 1830 to 1840 GMT over HBX-SWITZERLAND on 7443 KHz. They will QSL via: RADIO & VISUAL SERVICES DIV., UNITED NATIONS, Rm 805, NY, NY 10017.

DIZ can be heard regularly from about 0600 to 0800 GMT on 4525 KHz using time pips and CW identification. They will QSL for EE repts and return postage. Their address is: Amt fur Standardisierung, Mebwesen und Warenprufung, Fachgebiet Zeit-u. Frequenznormale, 102 Berlin, Wallstr. 16, German Democratic Rep. NOTE this is their NEW address.....

SPECIAL NUMBER STATION REPORT FORMS ARE AVAILABLE for those reporting hearing number stations. Send a long SASE with 10¢ postage for your supply!

WWV IS CONSIDERING A CHANGE IN OPERATIONS. Listeners and users are asked to complete a survey about WWV/WWVH broadcasts. For more information and a free copy of the survey write to: James A. Barnes-Chief, TIME & FREQUENCY SERVICES DIV., National Bureau of Standards, Boulder, CO 80302

NKA-AEZ WAS PUT OUT OF SERVICE on Sat., Feb 8th when it was hit with Gunfire from natives of Asmara, Ethiopia. Rebels launched an attack on the Governments military HQ which is next to the Communications Facility called KAGNEW STATION. Kagnew serves as the site for US Communications Facilities HQ on the Middle East. Over 100 US Personnel and dependants were airlifted to an unidentified site of safety. (via CHICAGO SUN TIMES, Sun., Feb.9)

THE FBI & CIA have admitted opening letters bound for all communist countries between 1953 and 1973. Each letter was opened, copied and re-sealed. The CIA developed special chemicals and machines to open and reseal the letters so that it would not be detected. Also the names and addresses of all persons mailing letters to Communist countries were recorded and turned over to the justice department. (via sun. Feb.9 CHICAGO TRIBUNE) although this is not strictly a UTE item, I thought it may be of interest. The next thing you know, it will be disclosed that the Ghana Pen Falls which have written many DXers, was a secret CIA plot to finance their activities. (Hi)

apollo·soyuz test project



Manned Spacecraft Research

By: Steven J. Handler

IF all goes well, on July 15, 1975 at 1230 G.M.T., the first JOINT MANNED SPACE FLIGHT MISSION (astp) will be launched. The primary objective is to conduct space experiments to test technical requirements and solutions for compatibility of systems for rendezvous and docking of future manned spacecraft & stations. This includes the testing of a compatible rendezvous system in orbit, verifying techniques of crew transfers, and inter-control center activities as well as testing of the universal docking assemblies.

The SOYUZ will be launched first, with APOLLO following about 7½ hours later. The reason SOYUZ is being launched first is, that the APOLLO has a greater payload and recycle capability, and greater launch dispersions than the SOYUZ craft. The APOLLO craft will conduct the rendezvous maneuver with station keeping and docking with SOYUZ to occur approximately 52 hours after SOYUZ liftoff. The docked period will last approximately 42 hours to be followed by undocking and a redocking and a redocking with the SOYUZ docking system in the active condition. The 2 spacecraft will then make the final undocking, and conduct several joint experiments. The SOYUZ will return to earth on the 6th day, and APOLLO will land on the 9th day off the coast of Hawaii.

During the mission, APOLLO will make extensive use of the ATS-6 relay satellite to improve communications and TV coverage. Without the use of the ATS-6, orbital coverage would be limited to about 16% of the orbit. U.S. Astronaut crewman for this mission are Thomas Stafford, Vance Brand, and Donald Slayton. Russian Cosmonauts are Aleksey Leonov and Valeriy Kubasov.

APOLLO/SOYUZ TEST MISSION RADIO COMMUNICATIONS LINKS (Information via NASA-Washington)

USA Ground Stations to APOLLO	296.8 MHz
USSR Ground Stations to APOLLO	121.75 MHz
APOLLO to USSR Ground Stations	121.75 MHz
APOLLO to USA Ground Stations	296.8 MHz
SOYUZ to USA Ground Stations	296.8 MHz
SOYUZ to USSR Ground Stations	121.75 MHz
APOLLO TO SOYUZ PRIMARY VOICE	121.75 MHz & 296.8 MHz
SOYUZ TO APOLLO PRIMARY VOICE	121.75 MHz & 296.8 MHz
APOLLO TO SOYUZ RANGING	121.75 MHz & 259.7 MHz
SOYUZ TO APOLLO RANGING	121.75 MHz & 296.8 MHz

unconfirmed sources state that the backup voice frequency will be 142.417 MHz

All of the above are F.M.-60 kHz wideband

The Department of Defense will operate Advanced Range Instrumentation Aircraft both during the flight and landing/recovery of the Joint Mission. Frequencies are below. (via U.S.A.F)

4747	6732	13210	15071	23218	There will be no H.F. Communications between ground stations & Satellite
5688	11183	15046	17975	23325	

Secondary frequencies and Prime Recovery Frequencies:						3102.5	4740.5	5072.5	
11218.5	3089.5	4021.5	4556.5	4705.5	6691.5	6694.5	6698.5		
6745	7363.5	7454.5	8977.5	8981.5	9003.5	9040.5	9121.5		
11196.5	11215.5	15062.5	15072.5	15088.5	15548.5	17986.5	20491.5		

NASCOM COMMUNICATIONS NETWORK (T=Tracking Station)

'Ascension Isld-T	7919	11634	12107	(trans. via either R.C.A. or Cable & Wireless)					
Kano, Nigeria-T	9440	13905	15870	18335	21845	(trans via NET)			
Tananarive, Malagasy-T	7690	9865	10270	11430	12275	20990 (trans. via STIMAD)			
Honolulu, Hawaii-T	9212	10410	12212	13175.5	20390				
London, England-T	6970	7480	10792.5	20390	(trans. via B.P.O.)				
Canary Islands-T	8119.5	13423	13527.5	20450					
Kindley, Bermuda-T	12112	22805	(trans. via Cable & Wireless)						
Canton Island-T	10897.5	16440	(Trans. via R.C.A.)						
Perth, Australia-T	7690	9200	9865	10270	10950	11430	12275	13580	14939
		20990	(via GPO-AORTS)						
Balboa, Canal Zone-T	9132.5	10242.5	17682.5	(trans. via TRT Corp.)					
PRESS SHIPBOARD LINKS	6890	9460	10390	13915	18150				
PRESS via RCA SAN FRANCISCO		6845	10190	13645	18150				

QSL REPORTS



Editor: Bill Cleveland
2441 Fairview Drive
Visalia, Calif. 93277

Deadline: 15th of month

Countries verified thru March -- 135 including Antarctica

Don't shoot! I wasn't exactly overwhelmed by replies on what to do with Antarctica, but the five that did speak out all agreed that it should be a country--with degrees of acceptance ranging from mild approval to quite vehement. So be it. The plurality has it.

I have on hand a letter from William A. Matthews of Columbus, OH, in answer to the question raised by Mike Hardester in December re VUNC QSL cards. He states that he heard both Okinawa-Deregawa frequencies, verified reception (in 1966 as he recalls), and wrote an article on the stations for NASWA. Sorry that I do not have room for the letter.

Whoopee!! Two stars for Mike Maskiewicz who came up with a correct translation of last month's "Sign of the Times." In Mike's own words ".... I must say that everyone knows that means 'I walk a mile to get a camel' or, as every smoker with a hole in the sole of his shoe would say 'I'd walk a mile for a Camel.'" Arabic, of course, and my thanks to Youssef Maalal of Morocco for the calligraphy. Mike, this is a pretty old sign so I'm afraid it kinda dates you (and me). Your prize will be on its way shortly.

Quite a few infrequently reported Africans and Asians this month so on to the reports.

EUROPE

ALBANIA: R. Tirana, 6200, f/d studio building cd in 18 wks for EE rep and no rp (VOCKEROOTH PA)

AUSTRIA: ORF, 17775, f/d Vorarlberg color photo cd in 29d air for EE rep on ORF form and no rp (DuRANT THAI); 17850, f/d Tirol color photo cd in 29d air for EE rep of ORF form and no rp (DuRANT THAI)

BULGARIA: R. Sofia, 9700, f/d cd "The Climent of Ohrid University of Sofia" in 108-170d for EE reps and no rp (MEEHAN CA)(LEVIN NY)(VAN HIMBERGEN MI)(THOMPSON NM), Kukery cd (5th in series) w/full data in 74d + Xmas cd and sked (CRAWFORD SCOT)

CZECHOSLOVAKIA: R. Prague, 5930, f/d Tatra Mountain cd in 35d air for 2 IRCs (VOGEL PA), same fgy + 7745, 2 f/d photo cds for 3 Monitor Club reps in 20d air, no rp (MASKIEWICZ) 7745, f/d cd of Brno Trade Fair grounds in 141d air, no rp (DAY CA), Orava Castle cd in 35d air (2 cds for 4 reps) w/full data for 2 IRCs (VOGEL PA), same fgy + 9605 and 17840, 3 cds (Tatra Mtns, St. Barbara's Church, and St. Nicholas Cathedral) in 87 and 146d air for no rp (CHAFFIN CAM); 5930 (sorry, missed one bc) St. Barbara's Church cd w/full data in 30d air for 1 IRC (YAJKO PA)

FINLAND: R. Finland, 15185, f/d "Winter in Finland" cd in 18d air for 1 IRC (YAJKO PA)

FRANCE: ORTF, 11430, f/d b/w pc showing ORTF bldg in Paris in 160d sfc for FF rep and no rp (LEVIN NY); 17765, same cd in 20d air for EE rep (FAMULARO NJ) (Must be a message here somewhere! bc)

GERMANY (DEMOCRATIC REPUBLIC): RBI, 7260, f/d red/blue 25th anniversary cd in 24d sfc, no rp and EE rep, v/s Marjorie Milner (CRAWFORD SCOT); 15320, f/d cd w/colorful view of Rostock in 30d sfc, no rp (CRAWFORD SCOT)

GERMANY (FEDERAL REPUBLIC): Bayerischer Rundfunk, 6085, date/fgy cd w/movable optical illusion simulating radio waves on the front (Mike says it is the most unique card he has) in 31d air for 1 IRC, EE rep (MAHONEY IN)

Deutsche Welle, 6010, f/d color circle cd in 26d air for 3 IRCs (SAVU MI); 6040, same cd in 30d air for no rp (STUART OK); 6075, f/d cd with official mascot & emblem 1974 World Cup in 11 months air for 2 IRCs (VOGEL PA); 6100, 20th anniversary cd in 3 wks air for 1 IRC (DEAN OH); 9545, f/d 20th anniversary cd in 167d for 3 IRCs (HARDING CA), f/d 1974 World Cup cd in 277d air (THOMPSON NM), f/d cd w/cartoon of 2 soccer players in 207d sfc (SPUTO FL); 9690, World Cup cd in 143d for 1 IRC (YAJKO PA)

GREAT BRITAIN: BBC, 9750, no data cd in 19d air for 1 IRC, v/s D.A.V. Will (KELLY TN) VOA, 5965, 15205, 2 U.S. Capitol cds in 28 and 112d air, v/s W.E. Dulin (CHAFFIN CAM)

GREECE: VOA, Kavala, 6060, 7170, 9540, 3 U.S. Capitol cds in 28, 112, 158d v/s W.E. Dulin (CHAFFIN CAM)

HOLLAND: R. Nederland, 5965, f/d cd of "Tower of Tears in Old Amsterdam" engraving in 2½ wks air for no rp (VECCHIOLA PA); 6165, "Tower of Tears" cds (2) in 12-13d air (TESTA MA) same in 15d (YAJKO PA), f/d cd with water front of Old Amsterdam in 14d air (KELLY TN), f/d cd w/engraving of 7th centenary of Amsterdam in 25d air (YAJKO PA), f/d cd w/picture of Harry Van Gelder and Tom Meyer in 27d air (YAJKO PA); 9715, same, 18d (FLEMING NJ);

HOLLAND (continued): 11730, 7th centenary of Amsterdam cd (1st of a series) in 22d air (HARDING CA); clogmaker in workshop pc for monitor reps (SCANNELL MA)

HUNGARY: R. Budapest, 6130, Special DX Contest 250 kw cd + certificate w/xmtr site and 5 fqys marked in 6 mo, no rp (WICKETT MD); 9833, f/d cd of state bldgs in 3½ mo, no rp (VOCKEROTH PA); 15220, DX contest cd in 155d sfc, no rp (CRAWFORD SCOT)

ICELAND: Voice of Iceland (ISBS), 12175, 4x6 pc in gray-green background w/outline of Iceland and increasing diameter red circles emanating from Reykjavik and large white printing of The Voice of Iceland emanating from the same point; seems to operate somewhat like Turks and Caicos (Ken's description). 15 mos, for 3 IRC (EARHART PA), same in 4 mo (HENDERSON MD)

ITALY: RAI, 7275, f/d Francesco Guardi painting cd in 9 wks sfc, no rp (ROSE ENG); 11905, same cd in 89d sfc, no rp (SMITH FL)

LUXEMBOURG: R. Luxembourg, 6090, transmitter towers cd in 2 mo sfc (TRZASKUS IL), same in 5 wks (VECCHIOIA PA)

MALTA: Deutsche Welle, 6100, 20th anniversary cd in 21d air for 2 IRCs + large blue cloth pennant (FISCHER CT); 9745, same in 120d marked test transmission (CREWS FL); 11865, same in 110d air for SPEEDX rep form (WICKETT MD)

RCI, 6100, f/d World Cycling Championship cd w/no mention of Malta in 1 mo, no rp (BARON PA), same in 40d (EARHART PA); 7250, f/d Handicapped Aid cd in 24d (CREWS FL)

NORWAY: R. Norway, 17795, cd w/Laplanders in native costume, 50d, no rp (BROOKER MI)

POLAND: Polish R., 7285, f/d map cd in 35d sfc, no rp (CRAWFORD SCOT); 15120, f/d map cd in 52d + Polskie R. pin (BARON PA) (Congrats on the new R4C -- no excuses now! bc)

PORTUGAL: Emis. Nac. de Radiodifusao, 6025, color cd of 3-masted sailing ship in 20d air, no rp (RADTKE CA); 21495, f/d color cd of Sagres w/Fortress of Belem, 22d, air (SMITH FL) Adventist World R., 9670, antenna cd in 55d air, no rp (TESTA MA)

IBRA R., 9670, robot (?) w/headphones cd in 27d + pennant, air (SCANNELL MA), same in 36d (TESTA MA)

ROMANIA: R. Bucharest, 9590, f/d National Theatre cd in 67d, 1 IRC (BARON PA); 9690, f/d cd w/graphic of modern buildings, 75d air, no rp (MAHONEY IN); 15380, cd w/Roman ceramics in 109d registered air (CHAFFIN CAM)

SPAIN: RNE, 9630, f/d antenna farm cd in 83d air for SS rep, 2 IRCs (BEAL WA)

SWEDEN: R. Sweden, 11710, map cd in 50d air, no rp, v/s Ada Feny (SMITH FL); 17710, f/d map cd in 30d air, 1 IRC, v/s Eva Leo (FLEMING NJ), same in 43d (YAJKO PA)

SWITZERLAND: SBC, 6120, cd w/Old Bridge near Intragna, 41d sfc, 1 IRC, v/s J.A. Chisholm (VAN HIMBERGEN MI), same in 45d, no rp (SCANNELL MA), Palace of Nations cd in 53d air (FAMULARO NJ); 9535, old bridge cd in 18d air, 1 IRC (YAJKO PA); 11725, 17830, date only cd for rep of SBC rep form, v/s Judy Chisholm, in 59d sfc (DuRANT THAI), 17830, Holbein fountain cd in 26d air, no rp (CHAFFIN CAM)

USSR

Byelorussian SSR: R. Moscow via Orsha, 7100, f/d Sputnik Memorial cd in 50d air (SMITH FL)

Lithuanian SSR: R. Vilnius, 7350, f/d cd, white w/brown border and surrealist flower in brown and black 62d air, no rp (SMITH FL)

RSFSR (European): R. Moscow, 7150, Kremlin cd in 30d air (STUART OK), 7200, f/d cd of Kremlin in 34d air, site Armavir (HARDING CA); 7350, cds of Kremlin and Sputnik Memorial in 44 & 45d air (SMITH FL), Moscow view cd in 49d air (PIMBLETT ALB); 7360, Kremlin cd (Gt. Britain svc) in 36d air, site Moscow (SMITH TN); 7400, microphone cd in 51d air (SCANNELL), space monument cd in 32d (YAJKO PA), 7420, cd w/flags of all SSR's, 79d air (SCANNELL MA); 7440, Moscow view cd, 49d, site Moscow (PIMBLETT ALB), Kremlin cd, 36d (MAHONEY IN)

R. Peace and Progress, 16 mb. f/d xcpt fgy mb only, 4 mo sfc (FLEMING)

Ukrainian SSR: R. Kiev, 6040, f/d white circle cd, 67d air (CRAWFORD SCOT), New Years pc w/full data typed in, 66d air (DAY CA)

R. Moscow, 21515, Moscow skyline cd



РАДИО КИЇВ
RADIO KIEV
RADIO KIEV

USSR (continued): in 42d air, site Kiev for African svc (SMITH FL)

VATICAN STATE: Vatican R., 9605, f/d cd w/garden scene in 15d air, no rp (MEEHAN CA), same in 50d air (FAMULARO NJ)

AFRICA

AFARS & ISSAS: ORTF, Djibouti, 4780, f/d folder cd w/sked and picture of studio area, in 15d air for 2 IRCs and FF rep (MAYER IL)

ALGERIA: RTVA, 11715, f/d blue/white cd in 75d for 1 IRC (BARON PA)

ANGOLA: R. Clube do Mexico, Luso, 5192, pc of native woman w/veri statement only, 19d air for 1 IRC, EE rep (MAYER IL)

R. Comm. de Angola, Sa da Bandeira, 4795, f/d lion cd w/station emblem on belly (of the lion? bc), 22d air for 2 IRCs, PP rep (NASWA form). Sent used US stamps and got some in return. (WICKETT MD)

ASCENSION ISLAND: BBC, 9510, no data Thames cd w/Atlantic Relay typed in, 87d, no rp (BARON PA)

VOA, 15195, 15350, 17830, Capitol cds (3) in 28, 102, 112d air, no rp v/s W.E. Dulin (CHAFFIN CAM)

CHAD: Rdif. Nat. Tchadienne, 4904.5, date/time only cd w/photos on front, station name and symbol, complete sked penned on back, 24d air for 2 IRCs, EE rep on SPEEDX form (WICKETT MD)

EGYPT: R. Cairo, 9475, 1st serial, 3rd scene cd (Bust of Nefertiti) in 40d air, no rp v/s "Rita" (RADTKE CA), cd of Luxor - statue of "A lamb of the lambs valley" in 165d sfc, no rp, for FF rep (TENNEWALD NY), Egyptian building cd in 79d sfc for 2 IRCs (BOYCE WA); 17920, 1st serial, 1st scene cd in 130d sfc, no rp (CHAFFIN CAM)

ETHIOPIA: ETLF, 11960, f/d blue cd, booklet introducing RVOG, in 2½ mo, 1 IRC (VOCKEROTH)

GHANA: GBC, 3366, f/d white cd w/yellow, red, green border, 448d sfc, for EE rep and no rp (CHAFFIN CAM); 4915, same cd in 304d v/s Joseph L. Chisi (CHAFFIN CAM), same in 150d (CREWS FL); 9545, same cd in 305d (CRAWFORD SCOT), same in 267d air (37 days travel time - they must have put it on a plane headed east! bc) SCANNELL MA)

IVORY COAST: R. Abidjan, 11920, f/d ltr in 3 mo for 2 IRCs, EE rep (VOCKEROTH PA) John, your ltr is virtually identical to the card--see SPEEDX for Dec. '73. bc

LIBERIA: VOA, 14 cds (Capitol) for 14 different fqys in 28 and 112d air v/s W.E. Dulin (CHAFFIN CAM)

MALAGASY REPUBLIC: R. Nederland, 11730, f/d cd w/engraving of Tower of Tears, air, no time given (VOGEL PA), Malagasy curtain antennae cd, f/d in 16d air (MAHONEY IN), Happy Station cd showing Tom Meyer and Harry Van Gelder in 30d air, no rp (VECCHIOLA PA)

MALAWI: MBC, Blantyre, 3380, f/d long ltr, one half w/sked, other half w/data, map of Africa, w/Malawi located, 18d air for 1 IRC, EE rep, v/s O.C. Mardalasi, Actg. Dir. of Engineering (WICKETT MD)

MALI: Rdif. Nat. du Mali, Bamako, 5995, f/d brown/yellow/white/black cd w/African map, 24d air for 1 IRC and FF rep (MAYER IL), same, on 5th try, this time thru Mali Embassy in Washington, Gilfer form in FF and ltr to Ambassador, in 2 mo (EARHART PA) Perhaps they didn't like the color of your typewriter ribbon, Ken. bc.

MAURITANIA: Rdif. Nat. de Mauritanie, 4845, f/d green/black/white/yellow cd w/map in 140d sfc for MS and FF rep (MAYER IL)

MOROCCO: VOA, Tangier, 17295, Capitol cd in 28d air, v/s W.E. Dulin (CHAFFIN CAM)

MOZAMBIQUE: R. Clube de Mocambique, Lourenco Marques, 11780, f/d cd w/picture of studio in 21d air for 3 IRCs and EE rep (CREWS FL)

NIGERIA: NBC, Calabar, 6145, ltr w/veri statement in 38d air for no rp and EE rep (MOORE PA)

REUNION: ORTF, St. Denis, 2446, f/d ltr in 6 mo for 3 IRCs, v/s R. Carrie (WALLACE PA)

RHODESIA: RBC, Salisbury, 3396, f/d antelope (I guess--it has awfully long horns) cd in 75d sfc for 2 IRCs v/s E. McKenzie (CLEVELAND CA)

RWANDA: Deutsche Welle, Kigali, 9700, usual f/d blue/yellow map cd in 17d, no rp for 2 reps (EARHART PA); 11965, same cd in 325d air, no rp (WICKETT MD); 15380, same cd in 14d air for no rp (RADTKE CA); 7275, 11905, 11965, 17780, 17875, cd #23s (what does that mean, Dave?) in 37d air. v/s on all cds Thiele (CHAFFIN CAM)

SIERRA LEONE: SLBS, Freetown, 5980, f/d form ltr + listener's magazine in 40d for EE rep, no rp (WASKIEWICZ IN)

SOMALIA (DEMOCRATIC REPUBLIC): R. Mogadishu, Mogadishu, 6097, f/d black/white antenna cd in 37d air for 1 IRC and EE rep + 200 page Somali b/c svc handbook v/s M.M. Afrah (MAYER IL)

SOUTH AFRICA: RSA, 5980, f/d Nyala Ram cd in 3 wks air, no rp (DEAN OH); 7270, cd (no desc) in 2½ wks (BERNSTEIN CA); 11925, f/d "pin cushion protea" cd in 18d air for no rp (MEEHAN CA), same in 37d (VOGEL PA); 11900, protea cd in 20d air, 1 IRC (YAJKO PA), same, no rp in 26d (VAN HIMBERGEN MI); 15155, same cd in 22-37d (HARDING CA)(KELLY TN) (VOGEL PA), same w/pennant in 29d (HOWELL BC)

SABC, 4810, f/d multicolored industries cd in 24-33d air (SCANNELL MA)(SPUTO FL)(KELLY)

SPANISH SAHARA: R. Sahara, El Aaiun, 11805, plain manila cd w/complete veri statement, 11d air, 1 IRC, SS rep v/s Pablo Ignacio de Dalmasas (MAYER IL)

SWAZILAND: Swazi Music Radio, 4980, date/fqy hand written veri ltr says QSL cds due to arrive soon; in 25d air for 2 IRCs (SMITH TN)
TWR, 6070, f/d antenna w/native soldier cd in 32d air for 1 IRC v/s J. Olson (MAYER IL)
TUNISIA: Rdif. TV Tunisienne, 11970, f/d Grand Mosque cd in 21d for 1 IRC (BARON PA)

ASIA

CHINA (PEOPLE'S REPUBLIC): R. Peking, 11650, f/d night cruise cd in 21d air + mags, sked, pennant (CRAWFORD SCOT), cd w/picture of chinese figurines - labeled "Let us get hold of production quality control" in 47d air (SMITH FL); 11945, f/d painting of Red Flag Canal in 18d (SMITH FL)

INDIA: AIR, Kurseong, 3355, f/d ltr w/comment "reports are valuable to us" in 21d air for 2 IRCs v/s V.K. Sharma (HENDERSON MD)

INDONESIA: RPKD Situbondo, 3583, f/d Indo ltr w/picture of Balinese dancer in 35d air for 3 IRCs and Indo rep v/s Moeh Rifa'i, Pimpinan Umum (sorry if I loused up the v/s, Dan, but that's what it looks like bc) (HENDERSON MD) Address as in WRTH 75

RKPD Jember, 3800, a most unusual veri--a newspaper article from Jember with complete data including date, time, fqy, recvr, antenna, and veri statement. Received via Indo Embassy and G. Wooten v/s illegible (HENDERSON MD) (sorry--Indo rep bc)

RRI Ujung Pandang, 4719, f/d studio cd + long ltr w/data in 32d air for MS (not used) and EE rep v/s Slamet Poedjono (MAYER IL)

IRAN: V. of Iran, Tehran, 9022, cd w/photo of transmitter in 42d air for 2 IRCs and EE rep (PIMBLETT ALB)


ISRAEL: IBA, 7395, f/d Knesseth Menorah cd in FF in 48d air, no rp (SMITH FL); 9495, Menorah cd in 97d sfc, no rp (LEVIN NY); 17690, Menorah cd in 52d air, no rp (CHAFFIN)

JAPAN: NHK (R. Japan), 5990, date/fqy Yakko footman cd in 22d air (THOMPSON NM); 9505, data/fqy "Kamakura" festival cd in 15d air, no rp (HARDING CA), same in 20d (STUART OK), 9585, Yakko cd in 20d, no rp (CRAWFORD SCOT); 9670, Kamakura cd in 20d air (RADTKE CA); 9700, Yakko cd in 32d (CHAFFIN CAM); 11725, Yakko and Kamakura cds for 2 rpts in 13 & 30 days (VOGEL PA); 11875, Kamakura cd in 24d (DURANT THAI); 15105, Yakko cd in 14d air, (PASCHKE WI); 15195, Kamakura cd in 16d (MEEHAN CA), same in 36d (HOWELL BC); 15230, Japanese wrestler cd in 18d (BOYCE WA); 17825, Kamakura cd in 19d (DAY CA), NSB (Nihon Short-Wave Broadcasting Co.), 3925, f/d silver antenna cd in 56d for 2 IRCs, (BEAL WA), 6055, same antenna cd in 57d for 1 IRC (MAHONEY IN)

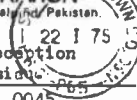
FEN, Tokyo, 3910, blue/white logo cd w/full data in 23d, MS (not used) (MAHONEY IN)

KOREA (REPUBLIC): R. Korea, 9640, f/d color cd of court orchestra in 30d air, no rp v/s Han Hee Joo. Pennant also sent (RADTKE CA), 9640, 11925, f/d court orchestra and "Spring in Jeju-do" cds for R.K. rep form on 2 fqys in 43d air (CLEVELAND CA)

MALAYSIA: R. Malaysia, Kuala Lumpur, 4845, f/d color cd in 117d air for 1 IRC and EE rep; also sent Malaysian stamps (MAYER IL); 15275, f/d green folder cd w/map of Malaysia on back in 95d sfc, no rp (CRAWFORD SCOT)




PAKISTAN BROADCASTING CORPORATION
 81-A, Satellite Town Rawalpindi, Pakistan.



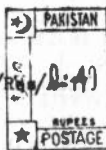
Thank you for your reception report on our South Asiatic Service from 2345 to 0045 GMT on 7080 kHz which is in accordance with our schedule.


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PST-GMT+5 Hrs

Shalimar Gardens, Lahore





No. Eng. / Rm. / D-41

Mr. Henry L. Durant

27, Soi 34, Sukimvit Road

Bangkok Thailand

PAKISTAN: R. Pakistan, 7080, time/fqy cd w/color photo of Shalimar Gardens, Lahore, with details on back (see above); in 22d air for 3 IRCs and EE rep (DURANT THAI); 7085, same cd in 50d for MS (BARHART PA); 15520, same cd in 133d air for 2 IRCs (DAY CA)

PHILIPPINES: FEBC, 7225, f/d blue/green/white map cd in 119d air for 1 IRC, v/s Joan Ross (THOMPSON NM)

The most flammable kind of wood is a chip on the shoulder

PHILIPPINES (continued): VOP, 9580, date/fqy plain green cd in 41d air for 2 IRCs, v/s Ernesto G. Madrid (DAY CA)
 VOA, 6110, 11715, 2 Capitol cds in 28d air, v/s W.E. Dulin (CHAFFIN CAM); 11780, same cd in 3d (BARON PA)
RHODES: VOA, 6015, Capitol cd in 28d air, v/s W.E. Dulin (CHAFFIN CAM)
SARAWAK: R. Malaysia Sarawak, 4950, f/d color photo cd of RMS bldg in 21d air for 2 IRCs (MAHONEY IN)
SAUDI ARABIA: BSKSA, 11855, plain f/d cd in 50d sfc by registered mail for 2 IRCs, EE rep v/s Sadek Fayoumie (SMITH IN)
SINGAPORE: R. Singapore, 5052, color cd "Singapore by Night" in 40d air, no rp (RADTKE)
SRI LANKA: VOA, 15285, Capitol cd in 28d air, v/s W.E. Dulin (CHAFFIN CAM)
UNITED ARAB EMIRATES: R. Dubai, 6040, pc w/incorrect date for EE rep, 18 mo, after f/u (NEUMANN IL)
USSR:
RSFSR (Asiatic): R. Moscow, 6200, Kremlin cd in 47d air, site Chita (SMITH FL); 7150, Kremlin cd in 34d, site Sverdlovsk (HARDING CA), same in 30d (DEAN OH); 7170, rocket monument cd in 49d, site Khabarovsk (PIMBLETT ALB); 7180, Kremlin cd in 36d, site Blagoveschensk (MAHONEY IN); 7260, microphone cd in 49d, site Vladivostok (PIMBLETT ALB) 9230, Moscow skyline cd in 49d, site Nikolayevsk-on-Amur (PIMBLETT ALB); 17870, Kremlin cd in 40d, no site (RADTKE CA); 5.94, 5.98, 6.20, 7.15, 7.17, 7.26, 9.58, 9.73, 11.86, 12.05, 15.18, 17.72, 17.87, nine cds (7 different ones) in 22d (REAL WA)
Uzbek SSR: R. Tashkent, 6025, chimes tower cd in 2 mo for 1 IRC (FLEMING NJ), same in 60d air (FAMULARO NJ); 11925, chimes tower cd in 104d air (SMITH FL), 15460, chimes cd and 2 map cds in 35-74d for three reps, no rp (CRAWFORD SCOT)
YEMEN ARAB REPUBLIC: R. Sanaa, 5804, prepared ltr veri from Washington Embassy, w/initial and cache, 3 wks for EE rep and US MS (NEUMANN IL)

OCEANIA

AUSTRALIA: R. Australia (all f/d, v/s Peter Homfray)
5995, et al, historical park, kangaroo, and coral reef cds in 86d (BROOKER MI); 6005, tropical fish cd in 126d sfc, no rp (MAYER IL); 7295, historical park-Ballarat in 125d sfc, no rp (REAL WA); 9540, historical park cd in 133d sfc, no rp (MAYER IL); 9570, tropical fish cd in 92d air, no rp (CRAWFORD SCOT), same in 105d sfc (SMITH FL), Ballarat cd in 57d sfc, no rp (DuRant THAI), same + kangaroo cd in 105-108d sfc, no rp (SMITH FL); 9580, Ballarat cds in 98-144d, sfc, no rp (TRZASKUS IL)(TESTA MA)(SMITH FL), Gippsland Waratah--wild flower cd in 20 wks (VOCKEROTH PA), kangaroo cds in 2 wks for 2 IRCs to 107d for no rp (TRZASKUS IL)(SCANNELL MA)(SMITH FL); 11740, kangaroo cd in 57d sfc, no rp (DuRant THAI); 11810, historical park cd in 101d (MAYER IL); 11885, Ballarat cd in 94d (HARDING CA); 11930, Ballarat cd in 63d sfc, no rp (SMITH FL), kangaroo cd in 87d (MAYER IL); 15160, tropical fish cd in 70d sfc, no rp (RADTKE CA), Ballarat cd in 103d (MEEHAN CA), 86d (GAEDE CA); 15240, Ballarat cd in 86d (GAEDE CA); 17795, kangaroo cd in 17d air for 2 IRCs (THOMPSON NM)
 ABC Brisbane, 4920, f/d map cd in 15d air, no rp (MASKIEWICZ IN)
 ABC Melbourne, 9680, f/d map cd in 123d air, no rp (SMITH FL)
 ABC Perth, 9610, f/d map cd in 13d air (FAMULARO NJ); 15425, f/d cd in 26d air for 1 IRC (HOWELL BC); no foy, f/d map cd in 20d air for 2 IRCs (YAJKO PA)
NEW ZEALAND: R. New Zealand, 9540, f/d form ltr in 53d air, no rp v/s J.E. Reed (SMITH FL) same in 44d air for 1 IRC (HOWELL BC)
PAPUA NEW GUINEA: R. Morobe, 3220, f/d PNG folder, 9 wks sfc for 2 IRCs (HENDERSON MD)
 R. Bougainville, 3322, fqy only cd in 20d air for 3 IRCs (GAVARAS MN), same in 2 wks for 3 IRCs (WALLACE PA)
 R. East Sepik District, 3385, pers ltr in 2 wks air for 2 IRCs (NEUMANN IL). Serge, my QSL from this frequency ID's as R. Rabaul and that is how it is listed in WRTH; is this the same station, new station, or new name? bc
 VLT4, Port Moresby, 4890, f/d ltr in 19d air for 2 IRCs v/s Wenghill for Allen Hull (THOMPSON NM) Glenn also reports that his report to VLT4 was returned--that's a switch.
TAHITI: R. Tahiti, 11825, f/d blue "thumbs up" cartoon cd in 26d air for FF rep and no rp (REAL WA); 15170, f/d blue cd, cartoon of OM pantomime listening, b/c, 20d air for 2 IRC and FF rep (REAL WA)

S. AMERICA

ARGENTINA: RAE, 9690, f/d blue/white cd in 61d air for 2 IRCs and EE rep (YAJKO PA)
COLOMBIA: R. Nacional de Colombia, 4955, color cd w/four pictures of the countryside, date only, in 102d sfc for 1 IRC, EE rep v/s German Vargas (SPUTO FL), date only cd with aerial view of Bogota, in 90d air for no rp and SS rep (BROOKER MI)
 R. Super, 6065, date/time cd w/station/city/and my receiver data + personal ltr in 24d air for MS and SS rep v/s Maria Margarita Castro (CLEVELAND CA), same in 26d air for 1 IRC, EE/SS rep (HOWELL BC), same in 19d air for EE rep, 2 IRCs (DOLYAK IA)

Why is it opportunities always look bigger going than coming?

radio super

RADIO SUPER
DEPTO. INFORMACION

BOGOTA — COLOMBIA

1040 Khz — 6065 Khz — 92.5 Khz — 106.9 Khz — 107.7 Khz

Señor EVELYN DOLYAK

Confirmamos la sintonía de GRISWOLD 106A.....
el día 5 del mes de Enero de 1975 a las 0900.....
en su receptor LAFAYETTE HA 700
Antena FISHPOLE 50 FT OF DOUBLE # 18

AGRADECEMOS SU INFORME DE SINTONIA

BOGOTA es la capital de la República de Colombia. Su nombre es derivado del vocablo indígena "Bacatá". Habitantes: 3.300.000. Altura sobre el nivel del mar: 2.600 metros. Temperatura: 14° centígrados. Fundada el 6 de Agosto de 1538 por el conquistador español Gonzalo Jiménez de Quesada. Tiene 15 galerías de arte, 29 museos, 14 parques, y por su aeropuerto internacional Eldorado, que tiene la segunda pista en longitud en el mundo, se movilizan anualmente 3.000.000 de pasajeros.

Posee alrededores de atrayente importancia, y ardientes climas tropicales a solo 90 minutos del centro de la ciudad. Si alguna vez visita nuestra ciudad le recomendamos especialmente el museo del Oro, único en el mundo, Guatavita, al pie de la laguna de Tomíné, el Salto del Tequendama y la Catedral de Sal en Zipaquirá.

Hay también temporadas de esquí acuático, Toros, Teatro, Exposiciones, y una exótica vida nocturna famosa en todo el continente.

RADIO SUPER, CALLE 39-A N° 18-12 · APARTADO AEREO 23316 · BOGOTA · COLOMBIA

- ECUADOR: HCJB, 5970, f/d cd of Mt. Cotopaxi + sked, pamphlets, pennant in 52d air for 2 IRCs, v/s Sam Rowley, Dir. of Engineering (HOWELL BG), Sangay Mountain cd + pennant in 110d sfc, no rp (MEEHAN CA); 6130, Mt. Antisana cd in 28d air for 3 IRCs (ROSE ENG) f/d Sangay Mountain cd in 36d air for no rp (CRAWFORD SCOT); 9560, Mt. Antisana cd in 24d air for 40¢ in US stamps (STUART OK), Mt. climber cd in 32d air for 40¢ US postage (BROOKER MI), f/d Galapagos cactus cd in 48d air, v/s Roger Stubbe (YAJKO PA), Mt. Cotopaxi cd in 32d air for 2 IRCs v/s Sam Rowley (YAJKO PA); 11740, Mt. climbers on Mt. Antisana cd in 25d air for 2 IRCs (KELLY TN); 11915, Sangay Mt. cd in 45d air w/full data v/s Sam Rowley (FAMULARO NJ)
- GUYANA (REPUBLIC): GES, Action R., 3290, f/d form ltr w/xmtr and antenna data in 15d by air for 1 IRC, v/s Denis Leandro, E.I.C. (VECCHIOLA PA), same in 19d air for MS and EE rep (FLEMING NJ)
- PERU: R. Quillabamba, 5025, ltr in SS verifying time and date, also large pictorial pennant, in 1 mo air for MS v/s R. Joaquin Barriales, O.P. (EARHART PA)
- VENEZUELA: R. Puerto La Cruz, 3365, card and ltr in SS w/no fgy or date but stating rep was correct, in 2½ mo air for SS rep and MS, v/s D.R. de Alcalá (DEAN OH)
- R. Lara, 4800, globe cd w/date and fgy only in 40d for 1 IRC (BARON PA)
- R. Tropical, 4870, no data ltr in SS with nice green pennant in 21d air for SS rep and MS (not used but appreciated), v/s Angelo Grasso (SMITH TN)
- R. Juventud, 4900, cd of boy/girl dancing w/date, fgy only in 41d air for 2 IRCs and EE rep (YAJKO PA), same in 50d for 1 IRC (BARON PA)
- R. Yaracuy, 4940, network globe cd w/date, fgy only in 21d, for 1 IRC (BARON PA)
- Ecos del Torbes, 4980, f/d SS ltr plus personalized pennant in 75d air for 1 IRC and SS rep, v/s E. Gonzales Guerrero (FLEMING NJ)
- R. Continente, 5030, no data ltr in 40d air for SS rep and MS, v/s Hilda Almeyda F. (CLEVELAND CA) And that 40d came at the end of 3 yrs of trying!!! bc

N. AMERICA

- CANADA: RCI, 6085, f/d world globe cd in 44d sfc, no rp (MEEHAN CA); 15325, WDXHAC cd w/full data in 23d air, no rp (CRAWFORD SCOT)
- BBC, Sackville Relay, 6175, Thames cd w/site only in 40d air, no rp (SMITH TN)
- Deutsche Welle, Sackville Relay, 9605, f/d cd w/DW symbol in 167d air for 3 IRCs and apology for delay (HARDING CA)
- CFRX, Toronto, 6070, f/d cd w/abstract painting of carnival, 6d sfc v/s C. Eastwood (SAVU MI)
- CHNX, Halifax, 6130, plain white cd w/fgy and date only in 10d for no rp, v/s J. Fisher (BARON PA)
- CKZN, St. John's, Nfld., 6160, f/d blue CBC cd in 14d, no rp, v/s F. Holm (BARON PA)
- CKZU, Vancouver, 6160, f/d cd w/pwr 500 watts, 15d sfc for 1 IRC v/s F.H. Bucher (SPUTO FL) Nice catch Tom. This one is rarely reported on ECNA. Now you can go to work on CKFX (Vancouver) with a rated power of 10 watts! This one has been reported 5 times in the last 2 years--twice on ECNA, and 3 times in CA. 6080 if you're interested.

COSTA RICA: R. Casino, 594, f/d long green cd w/wrong date, in 6 mo air for SS rep and MS; also sent pennant (PASCHKE WI)

CUBA: R. Habana, 15155, f/d green/white circle cd in 86d air, no rp., plus schedule v/s M. Montero Triana (CRAWFORD SCOT)

DOMINICAN REPUBLIC: R. Clarin, 4850, date only form ltr, plus large pennant and bumper sticker, in 11d air for EE rep and MS (LEISTNER CA), same in 119d for SS rep and 2 IRCs v/s Teo Veras (LEVIN NY), same in 25d air (FAMULARO NJ), same in 24d for 1 IRC, EE rep (BARON PA), 128d for SS rep and 2 IRCs (BROOKER MI), same in 138d for tape, SS rep and 2 IRCs but SS rep and 1 IRC got a reply in 22 days for 11700 khz (DAY CA). Makes one wonder, doesn't it? bc

R. TV Dominicana, 9505, SS ltr plus station and country info in 47d air for 2 IRCs and EE rep v/s R.A. Font Bernard (PIMBLETT ALB)

GRENADA: R. Grenada, 5015, small white pc w/date and fqy and printing "RADIO GRENADA.

The only Broadcasting Facility in the Country, P.O. Box 34, St. George's, Grenada." No time (but 5th rep), 1 MS. Postage stamped in Grenada, but the US P.O. collected a dime too. Ray Delzin-Ag. Manager, v/s C.A. Alexis (EARHART PA) Get 'em while they're cheap--this morning's paper predicts 13¢ postage by the latter half of 1975. bc

GUATEMALA: R. Cultural, TGNC, 3300, Quetzal bird cd w/date and fqy in 10d air for EE rep and 2 IRCs v/s Wayne Berger, C.E. (VECCHIOLA PA)

HAWAII: R. St. 4-VEH, 11835, f/d "Last Battle of Independence" cd in 22d air for US stamps (BARON PA)

HONDURAS: R. Progreso, 4920, f/d SS form ltr plus small guitar playing angel pennant in 28d air for EE rep and 3 IRCs, v/s Jerry E. Tolle, Gerente (SNYDER CA), same in 25d for 1 IRC (BARON PA)

MARTINIQUE: ORIF, 5995, date/fqy black/white beach cd w/sk'd and other info stamped on back, in 12d air for MS and EE rep v/s "73's Frq7AR" (WICKETT MD) Yup! I copied the reported v/s correctly, and I can't read it either. bc

MEXICO: R. Mexico, XERMX, 11770, f/d ltr and QSL data sheet, pennant, folder on XERMX, tourist info and questionnaire in 149d sfc for SS rep and no rp v/s Victoria E. Perez de Leon for the Director General (SMITH FL)

NETHERLANDS ANTILLES: R. Nederland, 6165, Tower of Tears cd in 18d air for no rp (STUART) cd (no description) in 33d (BERNSTEIN GA); 9715, f/d Madagascar Relay Station cd in 9d air for no rp (CRAWFORD), f/d Happy Station cd in 90d air + pennant for 1 IRC (CLEVELAND) TWR, 11815, f/d folding map/flamingo cd in 18d for 2 IRCs (DAY CA)

TURK & CAICOS ISLANDS: Turks Island R., VS18, 4788, long ltr w/info on xmtrs, pictures, tnx for reps in 24d for 2 IRCs. Note on back signed "Bill" says name mentioned on air (WICKETT MD), same in 2 wks for 2 IRCs v/s Wm. G. Grant (NEUMANN IN), same in 30d for 3 IRCs (GAVARAS MN), same in 6 wks for 3 IRCs (WALLACE PA)

UNITED STATES: VOA. A whole flock of reports from almost as many frequencies reported by HOWELL BC (BARON PA) (MEEHAN CA) (VOCKEROOTH PA) mea culpa John. Yours got in here by mistake--should have been on the first page with Great Britain)(CHAFFIN CAM) Dave, please take it easy on us poor taxpayers--those cards cost money. bc

AFRIS, 6030, f/d "Crests" cd, sk'd in 20d air, no rp (HOWELL BC); 9700, same in 11d air for no rp (HOWELL BC)

WYFR, Oakland, 11805, f/d cd w/background of five microphones in 21d sfc; also sent sk'd (SAVU MI); 15440, same in 18d sfc for MS (KELLY TN)

WWV, 5000, usual Indian cd in 20d (veri for 23:59 and 61 seconds) (GAVARAS MN) (I know how you feel, Tom. I too have been reduced to listening to WWVH (see below) and the Honolulu and Hong Kong Volmets) bc. Same in 17d (STUART OK)

WWVH, 5000, f/d folder cd in 26d sfc (STUART OK), same in 23d, v/s C.L. Trembath (CLEVELAND CA)

Make it again. Nice variety of stations this month including some unusual ones; but no copies to accompany. I would appreciate receiving good, sharp, copies of your choicer QSLs--common or uncommon. Since the camera sees only the contrast between black and white, the lines on your copy should be sharp and as black as the typewritten copy (I use a carbon ribbon). Photos generally do not copy well (but you can try); line drawings and maps (depending on color) do better. See examples in recent issues of SPEEDX. XEROX and 3M make good copies--some (but not all) others use a prepared paper that comes out with a gray tint--and that's baaaad.

QSL report forms are available from Don Johnson at SPEEDX HQ. Send Don 25-50¢ in stamps for postage and he will staple a bunch together and mail to you like a magazine. Saves you time, supports the US P.O., and I get all the info I need for this column.



ห้ามถอดรูปหนังสือ

As announced on the first page of this column, we had our first winner last month. A prize to the first member to turn in a translation (send it with your QSLs--or send a pc). If no one gets the translation, I'll send a consolation prize to the first one to identify the language (a picture of beautiful downtown Visalia). The scurrilous rumor that I would send a picture of myself is without basis in fact.

73's Bill

2/17/75

Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

THE INTERNATIONAL REPLY COUPON

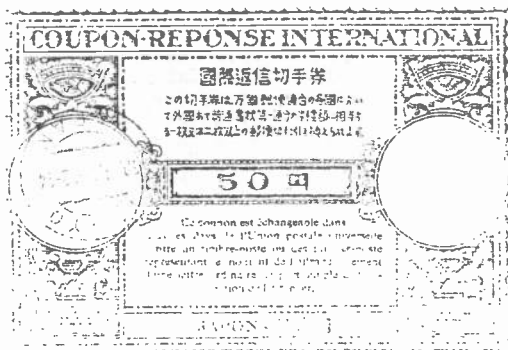
By Steven P. d'Adolf

At the 1906 Universal Postal Union Congress in Rome the member countries approved a proposal made by the British Postal Administration to issue reply coupons which could be exchanged in participating countries for a stamp valued at 25 gold centimes or the equivalent (i.e. sufficient postage to prepay a single unit surface mail reply to the country issuing the reply coupon). The International Bureau of the Union at Berne, Switzerland, was made responsible for printing these coupons at the request of

the various participating postal administrations and the actual printing was entrusted to Benziger and Cie. of Einsiedeln, Switzerland. This firm has printed all the International Reply Coupons issued since then. The coupons are generally printed on stock paper with the name of the issuing country and the selling price added later. These coupons were first placed on sale November 1, 1907. Major changes in the design of International Reply Coupons occur infrequently as the design of International Reply Coupons must be approved by a congress of the Universal Postal Union.



Collectors of International Reply Coupons know the first major type as the ROME TYPE because it was authorized by the 1906 U.P.U. Congress in Rome. The Rome type was used with slight changes from 1907 through 1930.



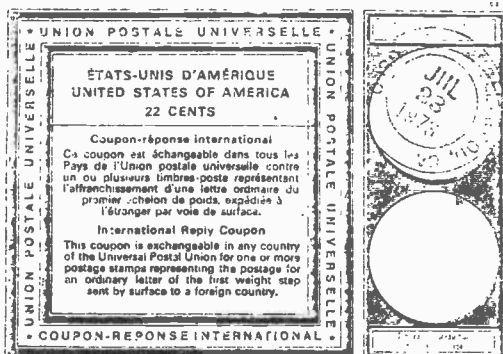
This LONDON TYPE was authorized by the 1929 U.P.U. Congress in London and the design was used from 1 July 1930 to late 1965.

It now appears that the new LAUSANNE IRC will be introduced on a near world-wide basis on January 1, 1975. In the past new IRC types have reflected minor changes in language etc. and have often been introduced on a rather random basis. This time, however, the new Lausanne Type represents an accounting change and for this reason it appears scheduled for near universal introduction on January 1, 1975.

On November 14, 1974, the US Postal Bulletin Announced the US Lausanne type IRC and the announcement notes as follows:

Continued on next page.

- 1: The text on the front of the new reply coupon is printed only in French.
- 2: The "United States of America" is not shown.
- 3: The space reserved for the postmark of the country selling the coupon is in the lower left circle.
- 4: The lower right circle is reserved for the postmark of the country exchanging the coupon.
- 5: The reverse side of the new coupon will show the text relating to its use in German, English, Arabic, Chinese, Spanish, and Russian.



It is also noted that while the US will postmark its coupons in the lower left circle, this is optional and some countries will apparently not postmark their coupons upon issuance.

The US Post Office has also indicated its intention to continue to redeem earlier type of IRC's until December 31, 1976. The UPU regulations indicate a four year period during which earlier type IRC's may be redeemed but the US Post Office has apparently decided to limit redemption of the earlier types to two years after the introduction of the Lausanne Type.

This is the Vienna Type International Reply Coupon authorized by the Vienna 1964 U.P.U. Congress.

- a) of giving the reply coupon a distinctive perforation provided it does not detract from the legibility of the text or hamper checking their authenticity.
- b) of indicating by means of a printing process the selling price on the reply coupons or of asking the International Bureau for this price to be indicated at the time of printing.

This information was gathered from the "Society of Reply Coupon Collectors."

THE INTERNATIONAL SHORTWAVE AUDIENCE - AN UPDATE

By Ron Lanoue

Table 1 Weekly Audience for Major Stations by Country¹

Nation (sample)	VOA	BBC	Moscow	Peking	Other relevant stations
Britain (National)	1.4%	-	.5	0	24 Luxembourg
Ivory Coast (6 cities)	33.7	5.0	-	1.0	29.8 Ghana
Kenya (national)	1.9	3.8	.3	.2	5.0 Deutsche Welle
Nigeria (Urban)	8.8	28.4	1.7	.4	17.1 Ghana
Tunisia (Urban)	.3	1.1	.2	0	20.3 Cairo
Zaire (Kinshasa)	11	8	4	3	5 R. BSA
Lebanon (national)	9.4	34.4	1.3	-	27 Cairo
Philippines (5 cities)	2.7	.1	.1	.3	.2 RRI
Thailand (17 cities)	3.4	4.1	*	1.4	1.4 VOV
Argentina (urban)	1.0	1.0	.1	.3	.2 Havana
Brazil (urban)	.5	.5	.1	*	* Havana
Columbia (4 cities)	5.3	1.4	1.1	.4	4.8 Havana
Mexico (urban)	2.8	1.2	.8	.4	3.0 Havana
Panama (urban)	1.5	.6	.6	.5	5.5 Havana
Venezuela (urban)	1.6	1.1	.7	0	2.1 Havana

¹All surveys except that in Zaire are part of the VOA Continuing Audience Analysis Program, and were conducted in 1972 or 1973 with sample sizes of around 3,000 and up. The Zaire media survey was carried out in 1971 with a sample size of 528. "-" means not asked; "*" signifies less than .05%.

Without going into much detail, one fact emerges clearly from the listener percentages of Table 1: the world's international broadcasters are a highly important medium for huge numbers of listeners throughout the world. The VOA and BBC alone each have weekly audiences of perhaps two percent or more of the populations of most of the countries surveyed, or in real terms 50 to 100 million individuals; the total weekly audience for international broadcasting was estimated at the beginning of the decade by the USIA to be well in excess of 100 million, with a daily listenership of about 60 million. The mad scramble of recent years by the broadcasters to expand their facilities and programming is thus due not to misguided national pride nor bureaucratic tenacity in the broadcast organizations, but because there are a lot of listeners out there to be informed (and propagandized).

Set ownership in the underdeveloped countries continues to increase rapidly; however, due to factors such as the inevitable qualitative improvements in domestic programming, and the introduction of FM and eventually television, The increase in number of sets does not translate automatically into increased shortwave audiences. Although exact comparisons between the Table 1 figures and those given for 8-10 years earlier in earlier articles (cf. Sept. SPEEDX) are impossible due to differing sampling areas, there does seem to be no trend toward great increases in audiences. At the same time, keep in mind that the data cited are mostly for urban areas, where set ownership may have already approached saturation levels back in the mid-Sixties; there is little survey information on what is happening in the boondocks.

Radio Moscow and Radio Peking (while having tens of millions of regular listeners) appear to be well behind the VOA and BBC in all geographical regions. One may conclude however that the gap is caused by their plodding programming rather than their ideological orientation. For example, Radio Havana appears to be neck-and-neck with the VOA in Latin America, and Radio Cairo has an enormous audience in the Middle East; both of these stations feature large doses of popular music and other more interesting programs. Based on these and some data to follow below, I may repeat an observation made in an earlier article: while a strong and dependable signal in a target area is certainly a precondition for having a good-sized audience, varied and interesting programming is essential if people are to tune in to one's station on a regular basis.

Let me finish by throwing out some more percentages for several other well-known broadcasters:

Deutsche Welle appears to have large audiences in its primary target areas -- 5% in Kenya listen weekly, 3% in Kinshasa Zaire, .8 in Britain, 1.0 in urban Nigeria, .2 in Tunisia. Although listenership is less in the Americas--.1% and .3% in urban Panama and Venezuela, respectively--the projected Caribbean relay should change things drastically there.

CRPF's primary audience appears to be in Africa: 26% listen weekly in Kinshasa, 1.5 in urban Tunisia, .3 in urban Nigeria. Britain reports .2% listenership.

Religious broadcasters have dependable audiences within their primary coverage areas. HCJB counts .3% in urban Panama, .5% in Venezuela; TWR Monte Carlo has a 2.2% figure in urban Tunisia, while the Bonaire site has .1 in Venezuela; FEBC has .8% of the Thai sample; and finally ELWA's figure in urban Nigeria is a very large 8.4% of the population. On the average, within each country cited, the religious stations appear to have marginally greater numbers of listeners than either R. Moscow or R. Peking; although of course sampling error or reception quality differences may account for this, one might hypothesize that religious propaganda is received somewhat more readily than the political variety.

Radio Canada, which lacks an extensive network of relay facilities still has more than a few people listening in: specifically, .3% and .1% of the urban populations of Nigeria and Venezuela, respectively, listen at least once a week.

Finally, AFRTS has some locals listening in, even though its programming isn't intended for them: 1.6% tune in in Britain, and 1.3% in urban Panama --about the same numbers in both cases as for the VOA.

The pilot of a fogbound jet circling over Moscow's Vnukovo Airport for an instrument landing was startled recently when he began receiving radio signals from "Prince" and "Angel". Clearly these communications did not come from the control tower. Equally bemused were listeners to an official radio broadcast on Ukrainian industrial production, which was interrupted by this message: "Ya Dunai! Ya Dunai! Malchiki i devochki, slushajte menya! Nachinayu peredachu dlya molodezh Marinskogo Raiona (Danube calling! Danube calling! Listen, all you cats and chicks out there! This is a program for young people in the Marinka District)."

Illegal broadcasting by homemade transmitters has become a persistent and growing youth cult in the Soviet Union. After samizdat (clandestine publishing of dissident writings) and magnitizdat (circulating tapes of unorthodox poetry and music), there is now radioizdat--air-it-yourself programs of pop music, teen-age talk, messages to girl friends and even dirty jokes. All of which represents a somewhat refreshing contrast to official state-controlled broadcasting, which is apt to be long on lectures about beet growing and the life of Lenin, but short on entertainment.

GREEN GHOST. In the Ukrainian city of Donetsk (pop. 900,000), youthful would-be deejays adopted such sprightly call signs as "Buzz Saw," "Green Ghost," "Graveyard Goon," "Bullet Hole," "Spark of Love" and "The Invisible Man." The police were not amused. In an effort to make a clean sweep of the cluttered airways, 1,000 amateur Donetsk broadcasters--called "organ grinders" by the police--were arrested and fined 50 rubles (\$69) for violating rules governing the use of radio frequencies. There have been similar efforts to clamp down on underground broadcasts in other major cities.

Soviet officials claim that their displeasure with the "radio hooligans," who usually steal hard-to-get parts for their transmitters from state factories, is more practical than ideological. The music and chatter of the pirate stations are sprayed so widely across the mediumrange radio frequencies that they have become a communications hazard. In Donetsk, many of the illegal transmitters were on the frequency of the railway switching station of this important industrial center. On the inland Sea of Azov, riverboat skippers complain that they cannot hear routing orders because of interference by Elvis Presley tapes. Judged even more hazardous, however, were the broadcasts of an operator in Vilna, Lithuania, who had been sentenced to three years in prison for "anti-Soviet agitation. His crime retransmitting Western newscasts taped from a shortwave receiver.

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There has been some changes in the DX program schedule that appeared in the January issue of this column. This information is from Joseph Smith who compiled the original schedule.

FINLAND FINNDX This schedule is from 11-22-74.
WED: 0313-0328 9720

GREAT BRITAIN World Radio Club This schedule is from 1-4-75.
WED: 2315-2330 9575/6175/7325/9510/9580/9740/11750/15260
PRI: 2030-2045 15195/15260

SWEDEN SCDX This schedule is from 11-17-74.
WED: 0048-0058 6035

SWITZERLAND Shortwave Merry-Go-Round This schedule is from an unknown date. This program is twice monthly.
SUN: 0150-0210 5965/6120/9535/11715

NORWAY DX Radio Norway This schedule is from 11-3-74.
This program is on the first week of the month only.

MON: 0620-0628 6180/9645
All these programs are in English and are broadcast to North America. For further information see January issue. Have a nice March. I remain,

MARCH CONTRIBUTORS PAGE

Each contributors name is preceded by a number. This number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for Columns/Sections other than SWBC, QSI and UTE are not listed here, they are recorded separately at Headquarters.

1	AGNER, MIKE	NJ...SX-110	1	MAYER, ALAN	IL...SPR-4
4	BARON, BRUCE	PA.....R4C	4	MEEHAN, JIM	CA...SX-190
6	BEAL, BART	WA..DX-150B	3	MILLER, AL	OH..HRO-500
2	BERNSTEIN, ROGER	GA...DX-160	4	MOORE, DON	PA...XCR-30
5	BIXBY, MARK	CA...HA-225	2	MULCAHY, GIARAN	ENG...U-800
2	BODELL, BOB	OR....SPR-4	1	MUIJEN, WES	MT...SX-190
4	BOYCE, DENNIS	WA..GE-PORT	1	NEUMANN, SERGE	IN..AR-88DM
3	BROOKER, JIM	MI.CRF-5100	1	NUTTER, RONALD	KY..UNELG07
1	CHABAK, MIKE	GO..DX-150B	1	OLIVER, WAYNE	NH...SX-190
2	CHAFFIN, DAVID	CAM...SB-310	1	PASCHKE, BILL	WI....R-530
4	CLEVELAND, BILL	CA....SPR-4	1	PISCHE, BOB	MA...SAT-210
3	CRAWFORD, WM.	SCOT..TR-6002	4	PIMBLETT, NIGEL	ALB..DX-150A
2	CREWS, DEMPSEY	FL..DX-150B	3	QUINN, THOMAS	NY...DX-160
1	DAVIDONIS, LEN	MA...B-9300	2	REDTKE, CARL	CA....SPR-4
2	DAWSON, ARCH	GA....SPR-4	1	REDMAN, RON	IL...P-1110
1	DAY, EDWARD	CA...SX-190	2	RODRIGUEZ, EDUARDO	P-RC..D7000-Y
1	DEAN, DENNIS	OH..HQ-180A	1	ROSE, JOHN	ENG..ED-670C
1	DOJYAK, EVELYN	IA...HA-700	4	SAVU, MIKE	MI..DX-150B
1	DURANT, HENRY	THAI...SPR-4	3	SCANNELL, MARK	MA...SX-717
4	EARHART, KEN	PA...SX-190	1	SCHILDE, STEVE	W-GERM...XGR-30
4	FAMULARO, RALPH	NJ...R-2311	1	SCOTT, ILOYD	FL..FRR-502
1	FANSLER, RAY	II...HO-180	3	SMITH, JOSEPH	NY...SPR-4
1	FISCHER, JOHN	GT...SX-190	4	SMITH, TOM	FL...XGR-30
3	FLEMING, MIKE	NJ...SW-717	1	SMITH, WOODY	TN..TRANS-0
1	FRENCH, ROBERT	MD....S-108	2	SNYDER, DOUG	CA...SPR-4
1	FROEMING, GARY	AZ...DX-150	3	SPUTO, TOM	FL...DX-160
5	GAEDE, ALLAN	CA...HQ-180	2	SRIDHAR, R.	INDIA..EBS-124
3	GARRETT, IARRY	CA...RBS-1	4	STUART, JERRY	OK...SX-190
2	GAVARAS, TOM	MN...HQ-180	1	SZOT, KEVIN	CA..NG-183D
2	GELFAND, STEVE	NY..NC-183D	1	TAFEL, EDWARD	NY...HO-200
2	GREENALL, DAN	ONT..DX-150B	2	TANNENWALD, JEON	NY..NORMEAD
1	GROVE, KEN	HI....SPR-4	1	TESTA, FRANK	MA...DX-150
2	HANDLER, STEVE	IL...SX-190	5	THOMPSON, GLENN	NM..HQ-145A
2	HARDING, BARRY	GA..DX-150A	1	THURMAN, SKIPPER	IL..HA-600A
5	HAUSER, GLENN	OK...HQ-160	3	TRUBEE, BILL	HI...SPR-4
4	HENDERSON, DAN	MD...SPR-4	3	TRZASKUS, ROSEMARY	IL...S-125
1	HOLBROOK, HANK	MD...SP-600	2	VAN HIMBERGEN	MI...DX-160
4	HOWAT, WILLIAM	MA....S-85	3	VECCHIOLA, JIM	PA.....R4C
1	HOWELL, AUSTIN	BC.CAN...SX-190	1	VOCKEROTH, JOHN	PA...SX-190
2	JESSEN, WILBUR	OR....R-530	5	VOGEL, WENDELL	PA...SX-122
3	JONES, JACK	MS...DX-150A	3	WALLACE, STEVE	PA.....R4B
3	JUNOUA, GABRIEL	JAPAN....R4-C	1	WALTERS JOHN	NJ.....??
3	KELLY, BOB & RITA	TN..CRF-230	4	WARREN, RONALD	CA.....R4B
2	KERRIGAN, PATRICK	IL.....??	1	WELIS, JOHN	NY....GE-12
2	KIYOMIYA, T.	JAPAN...SPR-4	1	WHITE, JACK	OR....RAL-6
1	KOIZUMI, H.	JAPAN...9-R59D	2	WHITEHEAD, JIM	MA...SX-190
2	KRATTER, JULIAN	NY...XCR-30	2	WICKETT, BOB	MD...SB-310
1	LEISTNER, LOU & E	CA....SPR-4	1	WILSON, BOB	IL...XCR-30
3	LEVIN, JAY	NY...DX-160	1	WIRREL, BOB	MA.....??
1	LEWIS, RICHARD	PA..HO-140X	1	WOOD, RICHARD DR.	NY...SPR-4
2	LOVETT, BRAD	OH..DX-150A	5	YAJKO, BOB	PA...DX-160
3	MAG COY, DON	AZ...R-392	3	ZAIMER, BOB	WI...SPR-4
1	MAHONEY, MIKE	IN...S-20R	1	ZIMAROWSKI MARK	MA...DX-150
1	MASZKIAWICZ, MIKE	IN...SX-190			

A Fan-fare of trumpets for 8 first time reporters: Dennis Boyce, William Howat, Austin Howell, Robert Kelly, Patrick Kerrigan, Takaharu kiyomiya, Richard Lewis and John Walters. Thank you to 109 contributors, which includes two wives of a husband & wife team. Wishing all our members much DX.

Hope to see all of you in the pages of SPEEDX next month.

Beesworth

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