

S P E E K

the dx radio magazine for active shortwave listeners

TALOFA • KIA ORA • BULA VINAKA • ALOHA • KAOKHA • IA ORANA

TALOFA • KIA ORA • BULA VINAKA • ALOHA • KAOKHA • IA ORANA • MALO E LELEI



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FEBRUARY 1976

Vol. VI No. II



KEYNOTES



OLIVER ELLSWORTH, MANAGING EDITOR: 2043 W 75th ST, LOS ANGELES, CA 90047

CONGRATULATIONS TO 4 NEW FULL MEMBERS

RANDALL McINTOSH WOOLRICH, PA	GARY ZEIGLER JACKSON, MS	JEFF VAN FOSSEN AKRON, OH	JOHN WATERS MAPLE SHADE, NJ
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Certificates of Full Membership and a copy of the SPEEDX Constitution were mailed to each of the above members in December.

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SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

JOSEPH KURTZ EDEN PRAIRIE, MN	ABE DIAMOND BALTIMORE, MD	BRETT HANAVAN CHULA VISTA, CA	LEESHA COOPER BRANDON, MS
CHARLES HUTCHINS RUMFORD POINT, ME	LOUIS BERNARD DUNWOODY, GA	JON COHEN WILLINGBORO, NJ	MARK COLLARD DESOTO, TX
RICHARD BECHERER CONCORD, MA	JOHN WOOD JR. WATER TOWN, MA	MELVIN COOK MINNEAPOLIS, MN	JEANNE DORLE ST PAUL, MN
JOSEPH BORDYNSKI MONTEREY, CA	JOSEPH LOVERTI DAYTON, OH	TIMOTHY CANARY CHICAGO, IL	GEORGE WERDEN B.C. CANADA
JACK HEINRICH JR. ALAMO, CA	C ROBERT COUCH SHELBYVILLE, TN	WILLIAM OSBORNE MEIBOURNE, FL	SYDNEY EDWARDS AUSTRALIA

DR. JUERGEN TROCHIMCZYK
WASHINGTON, D.C.

You are now a SPEEDXER and we are looking forward to hearing from you many times in the coming months. SPEEDX urges you to support the various columns and sections by sharing your loggings and thoughts with the full membership.

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UTILITY REPORT

A recent letter from Ken Compton, our Utility Editor, tells me he will be ready and is eager to do his March UTE column. Ken is yelling Olay, Olay I am ready for the saddle, Hi. All material for the March Utility Section should be sent to Ken Compton, 7 Mount Vernon St. Brighton, MA 02135. I certainly wish to thank the team of Hickman/Bodell for pitching in and doing such an excellent job. Ken, we are looking forward to having you back on the job again.

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PEANUT POWER PREAKNESS

You're reading this and we're adding watts and kilowatts to determine the apparant winners in our contest. Those lucky DXers will receive notification immediately to forward their veris for authentication. Due to the time factor we can't make the March issue with the interesting results but we certainly expect to have all the details in the April SPEEDX. Thanks a heap to everybody who sent in entries!

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WORLD RADIO DX CLUB, DS/2B, Rest Camp, Gauhati 781012 (ASSAM) INDIA is the oldest DX club in India. They publish two English bulletins each month, DX-TELEGRAM and ACTUAL ETHER via mimeo. Subscription in US 48 IRCs. More info may be obtained for 2 IRCs to the above address. This might be a good choice of a foreign club for you to join. Tell them SPEEDX sent you.

SHE MARRIED THE BAKER BECAUSE SHE KNEADED HIS DOUGH

ANARC CONVENTION NEWS

The ANARC Convention will go west in '76. The convention will be in July either in Boulder, Colo, near Denver or in Los Angeles, Calif, near Hollywood, Hi. Two official bids has been received by the Secretary of Association of North American Clubs. The Boulder committee has bid for July 9, 10, and 11, to be held at the Harvest House Hotel in Boulder. The Los Angeles bid was made by a committee from SCADS (Southern California Area DXers) for July 23, 24, and 25, to be held at the Hotel adjacent to Los Angeles Airport. Ballots have been mailed to the voting representatives of ANARC Member Clubs. Further details will appear in SPEEDX when the convention location has been announced.

WDXCY-'76

What have you done in the interest of World DX Club Year 1976? I told you what I was going to do. Each one of my reception reports, I added that I was a member of SPEEDX a shortwave Club in North America and that we support WDXCY-76 being promoted by Arne Skoog of "Sweden Calling DXers". Write me and give me your suggestions about WDXCY-76. Hope all DXers in the neighboring states of Texas, contacted Alan Laves.

CHAP STAMP APPROVAL SERVICE

SPEEDX member Brian Pimblett thanks SPEEDX for all the used postage stamps that we have been sending to the Canadian Handicaped Aid Program (CHAP) Brian suggests anyone interested in buying used stamps at a greatly reduced price to contact Don J. Crowe, 5 Fanning St, Hamilton, Ontario, L8P 4E6; Canada. Brian also needs help in sorting and soaking and preparing the stamps for sale. B. Pimblett, 9 Grandin Pl. St. Albert Canada T8N 1B5.

SCIENCE FAIR PROJECT

Randy Dorman, 8113 Spaulding Circle, Severn, MD 21144 is looking for help and advice on the project he and his science teacher are working on. Drop Randy a note if you think you have something to offer.

NEW DXING EQUIPMENT AVAILABLE

A very good pre-selector has been developed by SPEEDXERS John Kolb and Ralph Sanserino. Selling for \$55.00. This is a "hot" unit that has been on test at HQS (which we have dubbed as the antenna farm) and it is sure doing the job. Write to Ralph Sanserino 8422 Crane Circle, Huntington Beach, CA 92646 for details.

BUYERS & SELLERS

There is a new brokerage for radio, amateur, and electronic equipment which compiles its listings from all over the country, called BUYERS & SELLERS. Each month an extensive listing is published called the BIG LIST. If you are in the market to buy or sell receivers or other electronic gear, then write to BUYERS & SELLERS at the address below for more information. Be sure to enclose an SASE and don't forget to tell 'em SPEEDX sent you.

BUYERS & SELLERS, P.O. Box 73, Kenmore Station, Boston, MA 02215

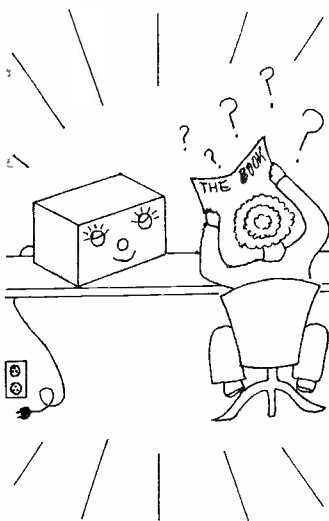
SPECIAL QSL CARD

On Wednesday March 3rd, RSA's DX CORNER will cover points of interest from the South African DX Club (SADXC). SADXC will issue a special QSL card for correct reception reports on this program. Tune in at about 2130 or 2300 to RSA's regular frequencies and give a listen to Gerry Wood, RSA DX Editor. Mention you heard about this special program in SPEEDX.

RESEARCH/COMPILATION/REDACTION by A. W. BRCKOS

74 Massachusetts Road

Oakdale, Connecticut 06370



HOW TO LEARN SHORTWAVE LISTENING (or "What's A Son For"): In Idaho there's a lady named Vera Crable and this is her story relating to her neophyte venture into SW listening.

"Hmmm...Son has a shortwave set...nice listening...think I'll get one too. Well, here it is...now to plug it in... turn it on...and listen to the world...there are several stations, but they all seem to be called V-O-A...I'll call Son (a few thousand miles away)...he'll know...I need a WHAT?...antenna?...longline?...dipole?...a what?...'Ma, I'll send you a BOOK.'...'Say, Son, I'm not doing so good, I...a what?...antenna tuner?...oh...tuner...you'll send me one?...thanks, Son.' Hmmm...this is fun...BBC...Radio Moscow...I must call Son...QSL? Veri WHAT?...oh, they'll write to me?...Gee...I didn't know THAT!...'Ma, you ain't been reading the book!...'Hmmm...well...the book doesn't print the numbers right...I'll call Son...Frequency?... kilo-WHAT?...not on 9563?...why not?...oh, I see... (I guess)...'Ma, you're a DO-DO; I'll send you another BOOK.' Hmmm...say, this is going to be easy... just read the numbers...Hmmm...they aren't there...how come?...I'll call Son. 'Not all the time?...GMT?...but, Son, that's bedtime: You'll send me a sked?...where do I plug that in?...oh... a schedule...thanks, Son.' Hmmm...well, here goes...Hmmm ...can't understand a word he says...must be a foreigner. I'll call Son. 'Say, Son, I...' - 'MA...READ THE BOOKS!'

LOOK BEFORE YOU LICK: Any still planning to use the recent USPS Xmas stamps as part of their international mail postage should be forewarned that a number of postal authorities do not accept toward payment stamps without denominations printed thereon...



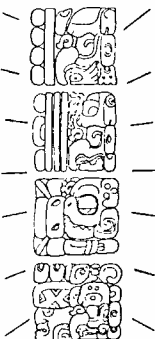
ACORNS FROM OAKDALE:

A night owl is a guy who doesn't give a hoot about how late it is...

BE IT EVER SO HUMBLE: Apparently there's no place called "Dahomey" as reports persist that since 1 December that west African republic has been calling itself "The Peoples Republic of Benin"...and, as a result, that the Cotonou-based radio is now identifying as "La Voix de la Révolution Populaire" and "Radiodiffusion de la République Populaire du Benin"...Next thing you know the Ellice Islands will be called "Tuvalu"...



YOU'RE NOT LIKELY TO HEAR IT ON RADIO NACIONAL DE COLOMBIA, BUT... Hipolito Hincapie's anti-English plan for Bogota has collapsed. Mussolini once banned the use of all English words such as restaurant and hotel in his Italy to preserve the purity of the Italian language, so Hincapie thought that he would try the same thing in Bogota for the sake of Spanish. However, Colombian businessmen are convinced they have a better chance of luring customers to "drycleaning" instead of "lavado en seco" or to a "coffee shop" instead of a "cafeteria". In Bogota's downtown business district signs abound with English names such as supermarket, drive-in, coin laundry, steak house, batteries, and carpet cleaning. According to a recent UPI dispatch Hincapie tried to change all that when he took office as the new government secretary of the Colombian capital. In October, 1974, he issued a decree that forced all Colombian businesses with English names to change back to Spanish by January 1st. Despite the threat of fines ranging from \$25-\$100 and the possibility of closure in case of repeated violations, business resistance and non-compliance was massive. Maybe they were interested in keeping the radio commercials readily identifiable to North American DXers???



SON OF

DX MONTAGE

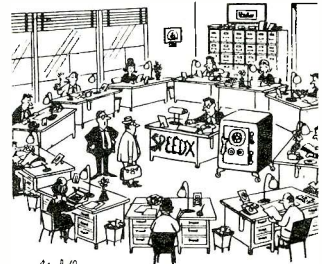
...IF YOU MUST BLAME SOMEONE FOR THIS CONTINUATION, MAKE IT ALAN W. BROOKS!



AND YOU THINK YOU'VE GOT TROUBLES: Radio Sweden's programs are beamed to the world by a trio of high power transmitters...two situated at Hörby down in the south of Sweden and the other at Karlsborg on the west shores of Sweden's second largest lake. The 500KW transmitters were made in France while the log periodic rotatable antennas are of Swedish manufacture. They can be programmed for automatic adjustment to eighteen different frequencies. The antenna passes through a complete revolution in two minutes, although in practice adjustments never take more than half as long because the shortest path to a new direction is found automatically. But all is not well at Radio Sweden's transmitter sites. Transmission times were rendered slightly shorter as allowances had to be made for various frequency and directional adjustments, rapid changing antenna or not. In addition they have been afflicted by something known as the "corona effect". When the atmosphere is electrically charged as during a thunderstorm, they run the risk of having their antennas burnt out. This results from the fact that output is very high in relation to the surface of the antenna. In spite of this difficulty it is felt that the advantages outweigh the disadvantages at this location, e.g., they could transmit on all frequencies and in all directions using a mega-signal antenna. So in order to reduce the risks involved from this "corona effect", a device has been constructed which can detect electricity in the atmosphere and automatically switches off the transmitter for twenty seconds... if they disappear briefly you'll know they're having a thunderstorm at Hörby or Karlsborg. They hope that Thor will smile kindly on them ...yet not wishing to rely too heavily on his good nature, however, the new transmitters are not operating at 500KW at all, but rather at 350KW, to reduce the number of short breaks in transmission due to this cause. Along with these troubles there is yet another problem....those living in the vicinity of powerful radio transmitters may be plagued by programs they can't switch off...even if they have never switched them on... at Hörby people complain that programs are likely to burst forth from cookers, telephones, refrigerators....a local clergyman says Radio Sweden comes over well on the church's loud-speaker system....whether they want it or not....they don't!!!

PROGRAM NOTES: "Weekend Magazine", RCI's replacement for the late lamented "Radio Canada Shortwave Club", carries subject matter reminiscent of its predecessor. You still get RCI's weekly frequency changes, a serial on the history of Canadian broadcasting, and occasional technical answers from McFarland's manual. Holiday fare included a feature on drinks followed the next week by a feature on hangovers. That's called "program planning"....Is the weekly DX program from Belgium the next hobby session to get the ax?...On the bright side, Radio RSA began carrying both a Wednesday and a Saturday "DX Corner" back in November....Problems in the Portuguese world seem to be causing a marked increase in Portuguese language transmitting hours on the part of many major broadcasters. A couple of them at the expense of their Arabic services ...Havana has shifted their program structure lately so that many of their English language features have changed time slots in their daily broadcasts...

OUR YEARLY DON JOHNSON TRIBUTE

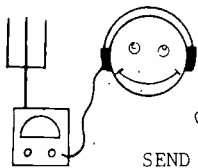


Frank Owm
"This desk arrangement is only temporary until we develop more confidence in our new treasurer!"



B.A.D.s AND M.A.D.s AND THINGS THAT GO BUMP IN THE NIGHT: The DX social calendar lists February gatherings of both the Boston Area DXers and the Metropolitan Area DXers. The B.A.D. Guys are slated to meet in Brockton on the 15th...for details write Frank Testa, 193 Chatham West Drive, Brockton, Massachusetts, 02301...While the M.A.D.MEN will go to Queens two weeks later...Chris Hansen, 100 West 92nd St, Apartment 5B, New York, 10025, is the co-ordinator for that conclave...

TECHNICAL TOPICS



Q-MULTIPLIER?
GAIN?

AVC?

IMAGE?
TUNER?

ANTENNA?

CROSS-MOD?

AGC?

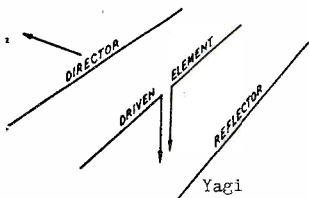
S-METER?
LSB?

SEND YOUR TECHNICAL QUESTIONS TO:

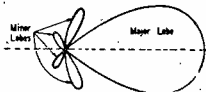


JOHN KOLB
12532 ARABIAN WAY
POWAY, CAL. 92064

I caught Santa in the act this year, and ask what you all were getting. He indicated he was passing out lots of SPR-4s and R-390As, so I'll be expecting loads of questions about how to best use them.

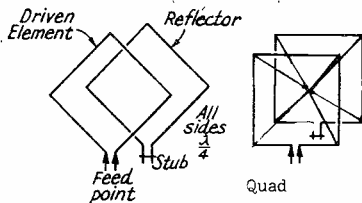


Pictured to the left is a Yagi type beam antenna, and under it, a typical pattern for a highly directional antenna. The Yagi is the most common type of beam, often with a number of directors, as on most TV antennas. When used as a TV antenna, there will be two or more separate beams mounted on the same boom, and other specialized techniques will be used to make the antenna broadband. The usual beam for ham use will work on two or three bands. The driven element will use tuned traps to work on the several ham bands, and the other elements will only operate on one band. The simple Yagi as pictured

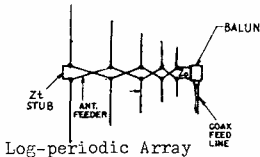
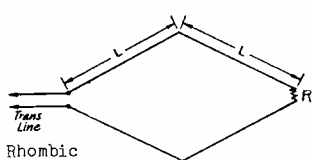


will have a sharply defined directional pattern over a narrow freq range, perhaps several hundred kHz at 14 MHz. Outside of this range, it will still work as an antenna, as any mass of metal connected to your rx will, but it won't be directional. The driven element will be about $\frac{1}{2}$ wavelength long, with the reflector slightly longer, and the director slightly shorter. Spacing between elements varies

between 0.1 and 0.3 wavelengths. The elements are almost always sections of aluminum tubing mounted on a boom of larger tubing.



Next is the Quad antenna. It's performance is about the same as a yagi, but when only a single director or reflector is used, construction is much simpler. The elements of a Quad are wire, rather than tubing, and are hung on bamboo or fiberglass poles. Once the basic Quad has been built, Quads for higher freq band bands can be hung from the same poles inside the first one. quads are $\frac{1}{4}$ wavelength on each side, and usually 0.2 wavelength between elements.



There are other types of directional antennas which are broadband rather than narrow-band such as the yagi and Quad. Two of these are the Rhombic and the Log-periodic Dipole Array. These antennas work over a 2:1 or greater freq range. The LPDA acts like a number

of Yagis connected together, with just a few elements operating at any one particular freq. The element $\frac{1}{2}$ wave long at the desired freq will act as the driven element of a yagi, and the elements ahead of and behind act as reflectors and directors. This is a popular ant. for military and commercial users where the ant. is placed on a mast and rotated to the desired direction. The Rhombic is very much larger for a given frequency range, with a length of several wavelengths at the lowest freq. A rhombic for 14-30 MHz will be 210 ft. on a side, and have a small angle of 52 degrees.

For more detailed info on these or other antennas, refer to the ARRL Antenna Book, or William Orr's Beam Antenna Handbook or All About Cubical Quad Antennas.

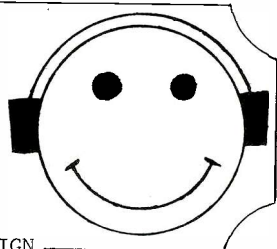
Carl Radey asks how to prevent overloading the front end of a receiver by using a preselector. Preselectors will normally make receiver overloading much worse! A 10 db increase in input level will increase intermodulation spurs by 30 db. This makes the spurs 20 db stronger relative to normal signals than before amplification. A resistive attenuator between ant. and rx would improve overloading. A PS with a gain control could be set to have a loss instead of a gain, and thus improve overload, but that's not very efficient. Ralph Sanserino is now selling a preselector of my design; write him for more info. (8422 Crane Circle, Huntington Beach, CA 92646)



HAP PENINGS

HANDICAPPED AID PROGRAM

TED POLING -HAP DIRECTOR
P. O. BOX 163
MT STERLING, IL 62353



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

We hope all our readers had a nice holiday season! Thank you for your cards! Our Year-End Fund Drive has collected more than \$265.00 from about seventy donors. Thank you all very much for your support.

HAP has welcomed three new members during December 1975. Two are new to the hobby. This means more drain on our receiver supply, so if Santa left a new RX under your tree, HAP would be a good place to put that old but still useable receiver. A few old HAP patches are available at \$1 each on a first come, first served basis. These are the round red, white, and blue patches showing a figure seated in a wheelchair listening to a radio. Also, HAP has new "DXING I LOVE YOU" patches for \$1 each. They may be ordered through HAP headquarters.

Our Stamp Drive is picking up steam; we can sell commemorative and foreign stamps most easily. There is very little market for more common varieties.

I regret to announce the resignation of Ted Hindle, of Preston, England, as chairman of HAP UK. He had held the job for two years and had built HAP UK into an organization of forty members and numerous associates. His replacement will be John Rose, HAP-47, who lives in Yorkshire, England. We wish Ted Hindle all the best and extend our congratulations to Mr. Rose. We hope that HAP-UK and HAP-US will be able to maintain the close cooperation we have had in the past.

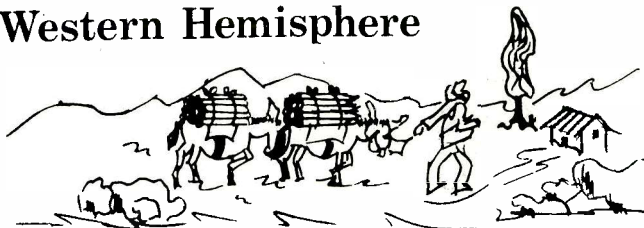
On the subject of international cooperation, we have sent a survey letter to Area Chairmen and HAP Directors overseas asking them what the future of the HAP International Coordinating Committee should be. Replies have not started to arrive yet but replies to our HAPie Survey have started to arrive, and they indicate few problems with equipment or services. One HAPie says he has used his HAP-supplied receiver daily and the hobby has brought him many hours of enjoyment and a number of new friends. Another respondent calls HAP "A most wonderful organization" and credits it with helping him get world news in spite of his 5% vision and other problems. If you, as a HAPie, have not returned your survey with comments, we urge you to do so as soon as you can. Your replies will help us refine our services so we can help you more effectively.

We have had a most gratifying response to our money-raising projects, and now we are having people volunteer for the various positions HAP has to fill. We are now in the process of negotiating with individuals who have offered to work as Assistant Director; Chairman, HAP PALS; and as PAL Instructor and Equipment Manager. Two of these three persons are HAPies, who have decided that they have something to offer HAP and are willing to do so. I hope the third person in question will be able to extend HAP's services to schools and institutions in his state, and will be able to establish an equipment depot in a Midwestern state. When the duties of these persons have been clarified, I will introduce them personally.

HAP wants to thank its tape buyers for their patience during and after the Canadian postal Strike, which stopped processing of orders completely for almost six weeks. It takes about six weeks to get the order processed and the tape delivered, so tapes ordered during the strike may not be delivered until almost 1 Feb. 1976. I hope things will go faster, but can't make any promises that they will.

THINGS I NEVER KNEW: That there were so many money order companies; that the Australian Post Office won't give a money order payable in the U.S. in dollars to the purchaser (They transmit them through the foreign money order section of the U.S. Post Office); that six hundred words was a lot of writing.... 73's

SWBC DX - Western Hemisphere



— EDITOR —

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

LATIN POTPOURRI

Letter writers in the United States were not the only ones hit with postage rate increases notes Mike Mahoney in reminding us those mint stamp packets currently on hand might not contain sufficient postage for even a minimum reply. Colombia nearly doubled its overseas rate boosting the cost from \$2.50 to \$4.00 and Costa Rica, now at 15 centavos, and Mexico, now at \$1.20, posted 50% increases. Other observations show Honduran rates up 20% from 15 to 18 Lempiras while those in the Dominican Republic at 11 centavos, and Brazil, at Cr.1.40, so far have held the line. With all these increases you would be well advised to be a little more generous when you include return postage, particularly when writing to the smaller stations.

Sweden Calling DXers bulletin number 1358 carries a report that a new Bolivian station, RADIO SAN JOSE, has been observed on 5585 khz asking for reception reports. The address given is RADIO SAN JOSE, San José, Chiquitos, Santa Cruz, Bolivia.

An item from the Yugoslav news agency, Tanjug, reported by the BBCMS notes that two Chilean radio stations, RADIO DEL PACIFICO and RADIO PRAT, were forced to close in early December as a consequence of the "acute financial situation". Chile is currently in a deep recession as a result of "shock treatments" given the economy by Finance Minister, Jorge Cauas, to try to stop the runaway inflation that hit Chile after the overthrow of the Allende regime. Consequently advertising revenues are off drastically and even the larger stations like RADIO PORTALES, which recently laid off a large percentage of its staff of journalists, have been hard hit.

According to the Quito daily "El Comercio" the capital based RADIO DIFUSORA MUNICIPAL began using new transmitting equipment on the 1st of December. This article, as reported by the BBCMS, states the station now uses 5 kw for "national broadcasts" (presumably AM) and a 1 kw transmitter for VHF FM. In addition, the article also mentioned that the station plans to initiate shortwave operations as soon as a frequency has been allocated.

RADIO VALERA, 3355 khz, was recently acquired by the owners of the Caracas based medium wave outlet, RADIO IMPACTO, and renamed RADIO IMPACTO VALENCIA. The two stations continue to air their own programming but some relays of the Caracas station by the Valencia outlet have been noted. Those of you not having any luck coaxing a QSL out of RADIO IMPACTO VALENCIA might try writing to the Caracas offices. SCDX bulletin 1355 lists the address there as RADIO IMPACTO, Residencias Parque Sta. Mónica, Avenida P.M. Morantes, Caracas. RADIO IMPACTO is a new station operating with 5 kw on 1260 khz.

Do you have a QSL from a Colombian station dating back to the 1930s, 1940s, or 1950s? If so, would you please contact me or, better yet, send me a good copy. If I can locate several I hope to use them in conjunction with an article I am preparing for a future issue of SPEEDX. Ladies, all replies will be kept strictly confidential. I'll never let on that you are THAT old!! Hi!!

Well, I see by the old cue mark on the page that its time to start typing my way out from under the avalanche of loggings so I'd best be at them. As usual, all times are GMT, all dates are given in the month/day format, and reception conditions are reported using the SIO code. Muchas gracias to all who contributed to this mountain. You folks make this column what it is. Keep me swamped. OK?

ARGENTINA

- 6060 0810 LRA31 R. Nacional:w/lt. guitar mx, ID (434 12/28 Quinn-NY)(333 0850 12/23 Vilar6-PR)(433 0700 1/6 Hedman-IL)
 9690 0330 LRA32 Radiodifusión Argentina al Exterior:w/EE tlc on Argentine welfare system (433 12/9 Pearson-PA)(Larson-WI)(Baker-IL)(Redman-IL)(Fleming-TX)(Agner-NJ)(Thompson-NM)(Pimblett-ALTA)(Ellsworth-CA)(Famularo-NJ)(Cleveland-CA)(White-FL)(Jones-MS)
 9740 0100 LRS1 R. Splendid:w/OM ID, rumba mx (433 12/31 Bixby-CA)
 11710 2348* LRA35 Radiodifusión Argentina al Exterior:w/ tango mx after EE pgm beginning 2300v, sign off anmts (211 12/30 Couch-TN)(444 2300 12/15 Hoffman-PA)(333 2204 w/SS 1/11 Baron-PA)(433 2340 1/5 Redman-IL)(343 2315 1/4 Earhart-PA)

BELIZE

- 3300 0230 Radio Belize:w/ EE mx, short tlc, ID (222 12/28 Smith-AL)(433 0430 12/25 Agner-NJ)(322 0313 1/11 Jones-MS)(444 0125 1/9 w/nx,spts, bulletin board, ads, mx, radio drama Fleming-TX)

BOLIVIA

- 4738 0358 CP136 R. Abaroa:w/ pop mx, final ID & off @ 0428 without NA (343 1/11 Sparks-CA)(131 0311 12/12 Laves-TX)
 4797 0100 CP73 R. Nueva América:w/ SS ID @ 0100, singing ads, pop mx (232 12/14 Laves-TX)
 4845 0055 CP72 R. Fides:w/ ads, ID w/ musical tones, mention of La Paz, YL reads nx (222 1/6 Fleming-TX)
 4875 1023 CP75 La Cruz del Sur:w/"Onward Christian Soldiers", ID, into el. pgm in quechua (343 1/4 Jones-MS)
 9555 0401 CP6 R. Illimani:w/ rel. mx, TC, ID @ 0404 (322 1/3 Beal-WA)

BRAZIL

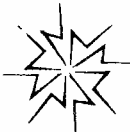
- 3365T 0815 ZYF208 R. Cultura Poços de Caldas:w/ TENTATIVE log of PP tlc Brazilian mx, no ID hrd (322 1/3 Wickett-MD)
 4753 0400* ZYF23 R. Dif. do Maranhão:w/ pop mx, final ID & off (343 12/5 Sparks-CA)
 4805v 0200 ZYS6 R. Dif do Amazonas:w/ ID, Brazilian mx, off suddenly @ 0215 (222 12/21 Eager-PA)(Agner-NJ)(Miklejewski-MN)(Vilar6-PR)(Jones-MS)(Sparks-CA)
 4810 0630 ZYV9 R. Timbira:w/ U.S. and LA mx pgm, PP ID 0634 (222 12/20 Beal-WA) ???
 4840 1040 ZYA1 R. Dif. Roraima:w/ PP ads, ID Brazilian mx (222 12/22 Vilar6-PR)
 4876 0234 ZYD66 R. Jornal do Brazil:w/lt trumpet PP anmts, ID (433 1/4 Agner-NJ)
 4985 0455 ZYX2 R. Brasil Central:w/ PP mx pgm, ID with freqs (444 12/9 Mercado-CA)(Barber-MAN)(Cleveland-CA)(Beal-WA)(Vilar6-PR)
 5024 0915 ZYJ21 R. Borborema:w/ TENTATIVE log of Brazilian mx, PP tlc but not sure it isn't R. Vitória(3/2 43 12/26 Earhart-PA)
 5045 0030 ZYE63 R. Dif. Presidente Prudente:w/ ID into pop mx pgm (322 12/19 Zilmer-WI)
 5955 0859 ZYR226 R. Gazeta:w/ID, freqs, ads, pop mx (342 1/7 Jones-MS)
 5965 1002 ZYU60 R. Guaíba:w/ PP nxcst (433 12/21 Yajko-PA)(333 0244 12/3 Bixby-CA)
 6125 1145 PRG9 R. Nacional, Rio:w/ ID, accordion mx, nx, into classical mx pgm (444 11/24 Miller-CA)
 6135 1150 PRC21 R. Gaúcha:w/ mx, ads, nx, more pop mx (444 11/22 Miller-CA)
 6155 0840 ZYN30 R. Cultura da Bahia:w/ ID, tlc pgm (454 12/28 Quinn-NY)
 6165 0907 ZYE419 R. Cultura, São Paulo:w/ PP tlc, vocals (232 1/8 Beal-WA)(422 2315 w/ tl, mx, ID 12/18 Zilmer-WI)
 9585 0928 ZYR56 R. Nacional, São Paulo:w/ PP tlc, U.S. pop mx, QRM de R. Japan (232 12/31 Laves-TX)
 9593 2330 ZYN29 R. Cultura da Bahia:w/ PP nx, pop mx, ID (454 11/16 Sparks-CA)
 9635 0129 ZYR236 R. Aparecida:w/ pop mx incl. many U.S. hits, ID and jingles, TCs by YL (443 12/16 Brooks-CT)(333 0112 12/28 Laves-TX)(433 0057 12/16 Yajko-PA) Good listening here!!!
 9645 1001 ZYR78 R. Bandeirantes:w/ ID, PP ads, TCs (342 1/6 Jones-MS)



BRAZIL (cont.)

- 9675 1000 ZYT29 R. Diário da Manhã:w/ mx pgm, ID @ 1005 into nxcst
(222 12/20 Beal-WA)
- 9685 0610 ZYR227 R. Gazeta:w/ slow Brazilian vocals, ID @ 0612 by OM
(333 12/04 Bixby-CA)
- 11780 2100 PRL8 R. Nacional de Brasília:w/ EE"RETROSPECTIVE"pgm, QRM de
WINB (333 4/1 Bowen-NS)(Cawthorne-UK)(Miklejewski-MN)
(Pimblett-ALTA)(Redman-IL)
- 11785 0020 ZYU61 R. Guaíba:w/ U.S. MOR mx, pips & ID, ads, more mx (333
1/6 Fleming-TX)(Cleveland-CA)(Yajko-PA)(Earhart-PA)
- 11805 0235 ZYZ65 R. Globo:w/ mx, lls, ads, nxcst (444 1/2 Fischer-W.
GERMANY)(Jernakoff-NY)(Cleveland-CA)(Yajko-PA)(Fleming-TX)
(Couch-TN)(444 0106 w/ soccer match between Vasco da Gama &
Vitória 12/14 Brooks-CT)
- 11865 0305 ZYB85 R. Clube de Pernambuco:w/ ID mentioning Recife QTH, tlk
abt Recife, nx headlines (344 1/10 Fleming-TX)(333 2314 12/
20 Yajko-PA)(343 2100 12/16 Eagen-PA)(--3 0059 1/9 Cleveland)
- 11925 0150 ZYR78 R. Bandeirantes:w/ OM announcing spts event, ads, ID
(343 12/17 Famularo-NJ)(433 2309 12/20 Yajko-PA)
- 11935 0248 ZYS35 R. Clube Paranaense:w/ ads & jingles, good Brazilian pop
mx, ID (343 1/11 Miller-OH)(433 2306 12/20 Yajko-PA)(--3,
0055 1/9 Cleveland-CA)(434 2347 12/28 Fleming-TX)
- 11950 2302 ZYD3 R. Ministério da Educação:w/ lt. classical mx, PP anmts
(333 12/ 20 Yajko-PA)
- 11965 0138 PRB24 R. Record:w/ PP OM commentary on spts event // 11925
(242 12/17 Famularo-NJ) // operation and shared freqs not
unusual for these two. PRB24 & ZYR78 have same owner. ejw
- 15145 1030 ZYB87 R. Jornal do Comercio:w/ ads, ID (333 1/6 Vilar6-PR)
- 15445 2348 PRL8 R. Nacional de Brasília:w/ Brazilian mx, U.S. pops (344
12/14 Yajko-PA)

CANADA

- 5925 2200 CBC Armed Forces Svc.:w/ EE nx, cmntry (433 1/5 Zilmer-WI)
- 5960 0120 CBC Northern Svc.:w/"THE GOON SHOW" to 0130 ID, then into
Eskimo (433 12/21 Naylor-CA)(443 0232 12/29 Kelly-WI)
(433 2207 12/13 Cawthorne-CA)
- 6005 0045 CFCX, Montreal:w/ pop mx DJ show, fading out (422 12/22
Pimblett-ALTA)(Famularo-NJ)(Baron-PA)(Beal-WA)
- 6070 2006 CFRX, Toronto:w/ EE spts nx (433 1/11 Baron-PA)(White-FL)
(Kelly-WI)(McIntosh-PA)(Redman-IL)
- 6080 2008 CKFX, Vancouver:w/ nx, wx, ID as CKWX
(222 1/3 Pitts-OR)
- 6085 0231 DW, Sackville:w/ GG tlk,
orch. music (444
- 6130 1230 CHNX, Halifax:  1275 BURRARD ST. VANCOUVER 1, CANADA
w/ EE nx, ID (433 12/29 Baumgartner-CNT)(444
sports rept. Bowen-NS)(333 1240 12/26 Yajko-PA)
1710 1/4
- 6135 0502 R. Canada Intl.w/EE nx, magazine pgm (333 1/2 Kelly-WI)(444
0358 w/ Christmas pgm 12/25 Thompson-NM) Good day for it. Hi!
- 6160 2330 CKZU, Vancouver:w/"MAX FERGUSON SHOW" (333 1/1 Pimblett-ALTA)
- 6175 0345 BBC, Sackville:w/ EE mx pgm (454 1/5 Kelly-WI)
- 9445 2200 CBC Armed Forces Svc.:w/ nx, cmntry s/off @ 2230 (444 1/5
Zilmer-WI)
- 9625 2110 CBC Northern Svc.:w/ EE ID, // 11720 (343 12/27 Naylor-CA)
- 9655 0430 R. Canada Intl.w/ mx, letters, commentary (444 1/7 Gunn-IL)
- 11895 *2100 R. Canada Intl.w/ sign on anmts, nx, SATURDAY MAGAZINE (343
12/13 Cawthorne-UK)
- 15325 1808 R. Canada Intl.w/ EE nxcst after ID (311 1/11 Baron-PA)(444
1800 1/1 Pimblett-ALTA)(433 1750 12/30 Fleming-TX)
- 17820 1845 R. Canada Intl.w/ African spts nx (443 12/15 Bethge-MO)

CKWX
RADIO

CHILE

- 6195 0922 CE619 R. Nac. de Chile:w/ SS tlk, big band style mx (342 1/4
Jones-MS)
- 9565v 0150 CE959 R. Nac. de Chile:w/ "VOICE OF CHILE" pgm, nx, cmntry
(233 12/28 Smith-MA)(333 0210 12/21 McIntosh-PA)
- 9590 1116 CE959 R. Presidente Balmaceda:w/ ads, mx, TC, more ads (343
12/19 Miklejewski-MN)(343 0121 12/24 Yajko-PA)

CHILE (cont.)

- 9650 1100 CE965 R. Yungay:w/ SS IDs, pop mx pgm with EE vocals (222 12/25 Beal-WA) Other IDs or slogans also heard. These include R. Tiki and La Dimensión 146.
 9750 1145 CE975 R. Minería:w/ anmts, ID, pop mx (242 12/25 Miklejewski-MN)
 15150 2300 CE1515 R. Nacional de Chile:w/ EE "VOICE OF CHILE" pgm, ID, fqys (232 12/20 Pitts-OR)(343 2238 12/17 Miklejewski-MN)

COLOMBIA

- 4755 0551 HJKC Emisora Nuevo Mundo:w/ nx, mentions of "Cadena CARACOL" tango mx (323 1/9 Fleming-TX)(Earhart-PA)(Redman-IL)
 4786 0452 HJLW Ecos del Combeima:w/ OM anmts, mx, many ID/TCs (353 12/15 Hardester-CA)(Redman-IL)(Vilar6-PR) Part of Super Radio net.
 4865 0233 HJLZ LV del Cinaruco:w/ CARACOL IDs, LA vocals, ID @ 0236 (433 1/5 Agner-NJ)(--1 0433 1/9 Cleveland-CA)
 4885 0056 HJIG Ondas del Meta:w/ OM ID, Colombian mx (333 1/3 Wickett-MD)(Pimblett-ALTA)(Bixby-CA)(Vilar6-PR)(Redman-IL)(Fleming-TX)(Cleveland-CA)(Whitehead-WA)(Earhart-PA) Part of TODELAR net.
 4915 0330 HJSG R. Guatapuri:w/ TC/ID, Colombian mx (454 12/28 Trochimczyk-DC)(Vilar6-PR)(Zimarowski-MA)(Cleveland-CA)(Hardester-CA)(Yajko-PA)(Rodriguez-PR)(Earhart-PA) A TODELAR station.
 4945 0200 HJDH R. Colosal:w/ Colombian mx, ID (332 12/27 Tannenwald-NY)(Redman-IL)(Cleveland-CA)(Eagen-PA)(Earhart-PA) Also TODELAR.
 4955 2354 HJGQ R. Nacional de Colombia:w/ classical mx, OM ID (333 1/2 Barber-MAN)(Stephenson-CA)(Cleveland-CA)(Redman-IL)(Vilar6-PR)(Mercado-CA)
 4965 0908 HJAE R. Santa Fé:w/ nice LA mx w/ ID following each record (444 1/3 Bowen-NS)(Vilar6-PR)(Redman-IL)
 5010 1100 HJOX R. Surcolombiana:w/ Colombian mx, "Cadena CARACOL Neiva" anmt, ads, ID (111 12/30 Vilar6-PR)
 5020 0257 HJCP Ecos del Atrato:w/ LA mx, chimes, ID (142 1/6 Laves-TX)(333 0440 1/4 Agner-NJ)
 5035 *1113 HJIC LV de Caquetá:w/ anthem, ID, into LA mx pgm (242 12/31 Jones-MS)(343 1050 12/12 Miklejewski-MN)(353 0315 12/28 Sparks-CA)
 5075 1130 HJGC R. Sutatenza:w/ SS tlk, mx (333 12/22 Gunn-IL)(--3 0535 1/1 Cleveland-CA)(454 0907 mx pgm 12/26 Earhart-PA)
 5095 2240 HJGG R. Sutatenza:w/ SS mx, ads, nxcst, ID (343 12/27 Fischer-W. GERMANY)(322 1158 12/18 Miklejewski-MN)
 5955 1005 HJNX R. Super de Medellín:w/ SS nxcst, ID (333 12/27 Yajko-PA)(343 1035 w/ spirited mx, IDs 1/4 Earhart-PA)
 5962a 1042 HJ?? LV de los Centauros:w/ ID, TCs, ads, LA mx. Still jumping around as back on 5990 khz on 1/11 & 12 (232 1/8 Jones-MS)
 6030 1240 HJZJ R. Nacional de Colombia:w/ mx, ID (222 12/24 Vilar6-PR)
 6065 0930 HJAX R. Super:w/ pop mx pgm, IDs (--3 12/29 Dolyak-FL)(Redman IL)(Quinn-NY)(Cleveland-CA)(Hardester-CA)(Yajko-PA)(Fleming)
 6115 0416 HJIE LV del Llano:w/ shouting ID, fast tempo LA mx (322 12/17 Bixby-CA) Is a member of Super Radio network.
 6121v 0603 HJ?? R. Super de Cali:w/ LA mx, IDs, slogans, ad strings (333 12/14 Rodriguez-PR)(Zilmer-WI)(Laves-TX)(Earhart-PA)(322 0622 w/ mx, many TC/IDs, // 6065 12/12 Hardester-CA)
 6150 1158 HJTT LV del Huila:w/ end regional nx, anmts, ads, into ranchera mx (323 12/19 Miklejewski-MN)(212 0645 12/28 Vilar6-PR)
 6160 0750 HJKJ Emisora Nueva Granada:w/ LA mx, clear IDs (554 12/28 Quinn-NY)(Redman-IL)(Vilar6-PR)(Beal-WA)(Bixby-CA)(Zilmer-WI)
 6170 1159 HJBJ LV de la Selva:w/ ID "Desde Florencia, Caquetá, LV de la Selva" Christmas greeting, mx (232 12/23 Miklejewski-MN)(Redman-IL)(Vilar6-PR)(Jones-MS)(Zilmer-WI)
 15335 1350 HJZP R. Nacional de Colombia:w/ classical mx (444 1/7 Brooks-CT)(444 2025 1/8 Wickett-MD)(433 1630 1/11 Fleming-TX)

COSTA RICA

- 4832 0758 TIHB R. Capital:w/ OM tlk, pop LA mx pgm (333 12/15 Crable-ID)(Brooker-MI)(Pimblett-ALTA)(Thompson-NM)(Scannell-MA)(Tromimczyk-DC)(Redman-IL)(Tannenwald-NY)(Vilar6-PR)(Cleveland-CA)(Fleming-TX)
 6006 0204 TIHB R. Reloj:w/ mx, IDs, mentions of Costa Rica (433 12/28 Smith-AL)(Famularo-NJ)(Redman-IL)(Yajko-PA)(Dolyak-FL)
 6175 1200 TIFC Faro del Caribe:w/ SS tlk, some EE language vocals. Is // 9645 (333 12/31 Zilmer-WI)
 9645 0300 TIFC Faro del Caribe:w/ EE rel. pgm, ID (122 12/25 Jernakoff-NY)(Miller-OH)(Jones-MS)(Miklejewski-MN)(Fleming-TX)

CUBA

6060 0400 RHCw/ ID, LA mx pgm (333 12/31 Kelly-WI)(443 0122 w/ SS mx pgm ID Scannell-MA)(454 1055 w/ PF ID, nx 12/21 Miklejewski-MN)
 11725 0130 RHCw/ EE tlk abt racial discrimination (444 12/14 McIntosh-PA)
 11760 0340 RHCw/ EE "VOICE OF VIETNAM" pgm (444 12/15 Hoffman-PA)(Smith-AL)(Cleveland-CA)(Thompson-NM)
 11815 *2010 RHCw/ sign on ID, EE anmts, mx pgm (333 12/10 Cawthorne-UK) (444 2010 1/4 Bowen-NS)
 11930 *0200 RHCw/ "CUBAN PROFILE" pgm (444 12/14 McIntosh-PA)(Cleveland-CA)
 11960 2206 RHCw/ SS nx, ID (434 1/11 Baron-PA)
 11970 2315 RHCw/ SS mx pgm, repeated anmt (233 1/8 Gunn-IL)
 15230 1850 RHCw/ SS tlk, ID, cmntry (444 11/24 Miller-CA)(Famularo-NJ)

DOMINICAN REPUBLIC

4807 0510 HIAQ R. Nortew/ LA mx, TC, ID (--3 1/5 Cleveland-CA)(Redman-IL) (Eagen-PA)(Yajko-PA)(Miklejewski-MN)
 4850 0350 HIRL R. Clarinw/ SS tlk, IDs, MOR mx pgm (333 1/1 Thompson-MN) (Vilar6-PR)(Redman-IL)(Cleveland-CA)(Scannell-MA)(Smith-AL) (Miklejewski-MN)(Whitehead-MA)
 4930 0045 HIBE R. Milw/ LA vocals, anmt "R. Mil, la primera" (433 12/26 Redman-IL)(Tannenwald-NY)(Vilar6-PR)
 9505 2230 HISD R. Television Dominicanaw/ Dominican vocals, IDs (433 12/31 Redman-IL)(434 2201 12/24 Famularo-NJ)

ECUADOR

3340 1138 HCVA4 R. El Marw/ LA mx, few ads mention of Esmeraldas, ID (222 12/26 Miklejewski-MN)(Jones-MS)
 3380 1130 HCRY4 R. Irisw/non-stop Andean mx few IDs (433 12/21 Redman-IL) (Cleveland-CA)(Yajko-PA)(Miklejewski-MN)(Fischer-W. GERMANY)
 3390 0310 HCOT1 R. Zaracayw/ LA mx, ads, ID (344 12/28 Smith-MA)(Yajko-PA) (Fischer-W. GERMANY)(Cleveland-CA) (Redman-IL)(Pimblett-ALTA)
 4680v 0145 HCWE1 R. Nacional Espejow/ radio drama w/ mx interludes (322 1/11 Smith-IN)(Redman-IL)(Crable-ID)(Tannenwald-NY)(Yajko-PA)(Fleming-TX)
 4765 1151 HCAJ2 C.R.E.w/ cmntry, many IDs (333 1/11 Miller-OH)
 4772 1119 HCDW2 R. Cenitw/ ID, anthem, mx, ads incl. Phillip Morris (322 12/13 Jones-MS)
 4795 0457 HCA54 LV de las Carasw/ "Festival Bailable" pgm of LA pop mx (322 12/28 Rodriguez-PR)(Zimarowski-MA)(Jones-MS)
 4800 0505 HCMB5 R. Popular Independientew/ IDs, Ecuadorian mx, TCs (322 12/17 Zimarowski-MA)(343 0445 1/11 Miller-OH)
 4870 1146 HCGM7 R. Rio Amazonasw/ Ecuadorian mx, TC, ID, tlk (232 12/23 Jones-MS)
 4898v 0450 HCER5 R. Centinela del Surw/ pop mx, final ID & off @ 0509 (353 12/18 Sparks-CA)
 4923 1030 HCRQ1 R. Quitow/ "REVISTA CAMPESINA" pgm (423 12/30 Vilar6-PR) (444 0512 12/14 Rodriguez-PR)(433 0445 1/9 Redman-IL)(443 0952 w/ communiqes abt resignation of Ecuadorian President Lara, U.S. band mx, ID as "LV de la Capital" 1/11 Jones-MS)
 4930 0409 HCCR1 R. Casa de la Cultura Ecuatorianaw/ ads, cultural nx, Ecuadorian mx (433 12/30 Rodriguez-PR)(423 0030 12/31 Fleming-TX)(444 0100 1/16 Whitehead-MA)
 4940 0355 HCXZ1 R. Nacional del Ecuadorw/ OM ID, anthem, s/off @ 0400 (343 12/29 Mercado-CA)
 6050 2300 HCJBw/ SS pgm for Latin America (343 12/17 Brooks-CT)
 6075 1202 HCJBw/ "HELLO DXERS" pgm in slow EE (434 12/21 Yajko-PA)(444 1120 12/27 Earhart-PA)
 6095 0230 HCJBw/ "DX PARTY LINE" reading Ralph Sanserino's article on R-392 (444 12/29 Crable-ID)(Baron-PA)(Thompson-NM)(Kelly-WI) (Pimblett-ALTA)(McIntosh-PA)
 6130 1130 HCJBw/ JJ rel. pgm, marimba mx (443 11/24 Miller-CA)(353 0625 w/ GG pgm 1/3 Kelly-WI)
 9560 0615 HCJBw/ EE "PASSPORT" pgm (343 1/6 Kelly-WI)(Famularo-NJ) (Miller-CA)(Whitehead-MA) SPEEDX report 0230 GWT Saturdays.
 9715 1210* HCJBw/ JJ tlk, Christmas mx (333 12/25 Earhart-PA)



ECUADOR (cont.)

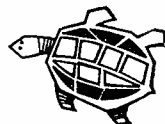
- 9745 0953 HCJB:w/ "DX PARTY LINE", ID (333 12/13 Smith-FL)
- 11745 1945 HCJB:w/ "DX PARTY LINE", ID on hr (332 12/8 Cawthorne-UK)
(Miller-CA)(McIntosh-PA)(Earhart-PA)
- 11835 0355 HCJB:w/ ID, into Romanian rel. pgm (444 12/13 Earhart-PA)
- 11915 0130 HCJB:w/ rel. pgm, Christmas music (444 12/14 McIntosh-PA)
- 15115 1426 HCJB:w/ "MORNING IN THE MOUNTAINS" (434 1/4 Brooker-MI)
- 15300 1930 HCJB:w/ "MUSIC IN THE NIGHT" to Europe (444 12/21 McIntosh-PA)
- 17705 1800 HCJB:w/ ID, pgm for Nordic area, mx, nx (454 1/1 Smith-FL)
Tom, you sure this freq.? See following logging.
- 17755 1815 HCJB:w/ EE ID, into CZ pgm (433 1/1 Scannell-MA)(353 1815
w/ FF into GG rel. pgms 12/25 Earhart-PA)

FRENCH GUIANA

- 3385 2355 O.R.T.F. Cayenne:w/ FF radio play to 0010, then pop mx (322
12/16 Eagen-PA)(252 0925 1/7 Hardester-CA)(322 0043 12/15
Yajko-PA)(233 0010 12/28 Smith-MA)(443 *1000 12/28 Jones-
MS)(322 0920 12/24 Baumbartner-ONT)(333 0920 1/3 Bowen-NS)
- 4972 0110 O.R.T.F. Cayenne:w/ EE & FF pop mx, chimes @ 0115 into ID w/
freqs., off w/ "Marsielles" followed by IS to 0117 (333
12/21 Whitehead-MA)(332 0950 12/26 Earhart-PA)

GALAPAGOS ISLANDS

- 4810 0238 HCVG8 LV de los Galapagos:w/ Ecuadorian mx, ID,
TCs, play @ 0240 (333 12/30 Zimarski-MA)
(343 0112 12/22 Sparks-CA)(333 0135 w/
contemporary mx, seagulls into YL
ID 1/7 Bixby-CA)



RADIODIFUSORA LA VOZ DE GALAPAGOS

GUATEMALA

- 2360 0302 TGBA R. Maya de Barillas:w/ SS tlk,
probably sermon, rel. mx (242 12/26
Miller-OH)
- 2390 0215 TGDF LV de Atitlán:w/ vocal mx, guitar
mx (333 12/28 Thompson-NM)(221 1225 12/21 Miklejewski-MN)
- 3300 0342 TGNC R. Cultural:w/ BE rel. pgm (242 12/30 Couch-TN)(--3 0500
1/5 Cleveland-CA)(332 0054 12/22 Rodriguez-PR)
- 3325 0228 TGBA R. Maya de Barillas:w/ piano & choral mx, full ID @ 0234
(343 1/3 Wickett-MD)(333 0140 1/3 Thompson-NM)
- 3360 1133 TGVN LV de Nahualá:w/ ID, polka, rel. pgm (433 12/15 Jones-MS)
(--2 0208 1/6 Cleveland-CA)(322 0330 12/20 Zimarski-MA)
(333 1238 12/23 Miklejewski-MN)
- 3380 1156 TGCH R. Chortis:w/ "AMANECE EN EL CAMPO" pgm, wake-up mx (444
12/26 Miklejewski-MN)(343 0255 12/28 Smith-MA)(434 0105, w/
ID as "En los noventa metros, R. Chortis 1/9 Fleming-TX)
- 5955 0720 TGNA R. Cultural:w/ Light mx, SS ID @ 0724 by YL (253 12/28
Quinn-NY)(333 0330 w/ EE"THROUGH THE BIBLE" 12/28 Thompson-NM)
- 6180 0430 TGWB R. Nacional de Guatemala:w/ tlk, sports nx, freqs & sked @
0444 (433 12/19 Zilmer-WI)(242 1403 1/2 Jones-MS)

GUYANA

- 3290 0910 GBS Action Radio:w/ mx pgm "12 DAYS OF CHRISTMAS", TC (333 12/2
12/21 Eagen-PA)(212 0040 12/21 Famularo-NJ)(444 0257 1/11-
White-FL)(322 2345 12/25 Yajko-PA)(211 0747 12/28 Smith-AL)
- 5950 0850 GBS Action Radio:w/ IDs, TCs, ads, occasional mx (422 12/29
Beal-WA)(443 1043 12/29 Jones-MS)

HAITI

- 3345 0126 4VSO R. 4VEH:w/ Christmas mx, SS anmts (322 0126 12/15 Yajko-
PA)(333 1058 1/1 Miklejewski-MN)
- 9770 2010 4VEH R. 4VEH:w/ "HERMANO PABLO" rel. pgm, SS ID (343 1/6
Fleming-TX)(343 1430 w/ "UNSHACKLED" pgm in EE 12/25
Scannell-MA)(333 1530 12/21 McIntosh-PA)(333 1145 12/21
Yajko-PA)(333 2134 12/20 Pimblett-ALTA)
- 11835 2000 4VEJ R. 4VEH:w/ EE ID, canned rel. pgm (233 12/27 Pitts-OR)
(343 2000 12/28 Scannell-MA)(333 1255 12/30 Couch-TN)

HONDURAS

- 4780 1100 HRRZ R. Juticalpa:w/ mx, ads, "Aqui en Juticalpa" anmts,
Mexican mx (222 1/6 Vilar6-PR)
- 4820 0410 HRVC LV Evangelica:w/ "NIGHTWATCH", nx (222 1/10 Sann-NJ)(343
0355 12/28 Quinn-NY)(333 0324 12/16 Famularo-NJ)

HONDURAS (cont.)

- 4820 0350 HRVC LV Evangélica:w/EE Christmas story by Paul Harvey, SS nx
(322 12/16 Miklejewski-MN)(433 0355 1/5 Smith-AL)(232 0330
12/29 Couch-TN)(312 1000 w/ SS rel. pgm, Christmas greetings
12/24 Vilar6-PR)(433 0405 1/9 Redman-IL)
- 4890 1215 HRVL R. Lux:w/ LA mx, ads, ID (222 12/27 Miller-OH)
- 4920 1115 HRPL3 R. Progreso:w/ "LA RANCHERA ROYAL" pgm of Mexican mx
(111 12/20 Vilar6-PR)(434 0505 1/11 Baron-PA)(--2 0520 1/1
Cleveland-CA)(333 0417 1/11 Rodriguez-PR)(434 0435 12/30
Fleming-TX)
- 5875 1200 HRN LV de Honduras:w/ IDs, ad string, LA mx (323 1/10 Jernakoff-
NY)(333 1304 1/2 Barber-MAN)(343 2330 12/14 Yajko-PA)
- 6000 0525 HR?? R. Swan:w/ ID, sweet soft mx (433 1/11 Ellsworth-CA)(323
1130 12/21 Yajko-PA)(433 1145 12/20 Zilmer-WI)

MARTINIQUE

- 3315 *1000 Fort de France Radio:w/ anthem, ID "Ici Fort de France", nx
bulletin (333 1/3 Bowen-NS)(343 1015 12/21 Yajko-PA)(222
0055 12/24 Baumgartner-ONT)(332 1019 12/25 Miklejewski-MN)
(242 0240 12/28 Smith-MA)(222 0314 12/25 Pimblett-ALTA-TENT)
(332 0118 12/3 Bixby-CA)(333 0140 12/24 Miller-OH)(333 0950
12/21 Eagen-PA)(343 0157 12/21 White-FL)(433 0057 12/22
Rodriguez-PR)

MEXICO

- 5980 0231 XERMX R. México:w/ music, ID @ 0300. qRM de RSA (434 12/21
Naylor-CA)(252 2107 12/29 Jones-MS)
- 6105 1115 XEQM Su Pantera:w/ Mexican ranchera mx, SS tlk (442 12/29
Zilmer-WI)(242 1419 1/2 Jones-MS)
- 6115 2235 XEUDS R. Universidad de Sonora:w/ ID, classical mx (444 1/6
Thompson-NM)(433 0115 12/11 Beal-WA)(--3 2050 1/5 Cleveland)
- 9705 2200 XERMX R. México:w/ Mexican mx, EE ID (444 1/4 Smith-AL)(Jones-
MS)(Pimblett-ALTA)(Cleveland-CA)(Yajko-PA)(Fleming-TX)
(Dolyak-FL)
- 15160 1944 XEWW LV de América Latina:w/ clear ID, ads, comedy skit, mixing
badly w/ RSA in PP (311 12/24 Miklejewski-MN)
- 15385 2206 XERMX R. México:w/ YL anmt in EE advises R. México will send
pennant and map of México in return for letter and reception
report (433 12/27 Crable-ID)(Redman-IL)(Kelly-WI)(Couch-TN)

NETHERLANDS ANTILLES

- 6165 0201 R. Nederland, Bonaire:w/ EE tlk, music pgm (544 1/11 Baron-PA)
(444 0220 12/26 Thompson-NM)(444 0501 1/2 Kelly-WI)
- 6190 0344 Trans World Radio, Bonaire:w/EE anmt into pgm in RR (343 12/30
Thompson-NM)(443 0330 12/18 Earhart-PA)
- 9590 0329 Trans World Radio, Bonaire:w/ EE anmt into RR rel pgm (444
12/28 Scannell-MA)
- 9715 0835 R. Nederland, Bonaire:w/ mx pgm, interview (353 12/26 Earhart-PA)
- 11815 1220 Trans World Radio, Bonaire:w/ "DX SPECIAL" pgm (343 1/3 Earhart
PA)(444 0050 1/8 Sann-NJ) Ronnie, you sure this freq. ??
- 11925 0130 Trans World Radio, Bonaire:w/ EE rel. pgm "RADIO TODAY" (433
12/14 McIntosh-PA)

PARAGUAY

- 6025 1000 ZPA1 R. Nacional:w/ ID @ 1000, into mx pgm (322 12/27 Yajko-PA)

PERU

- 4790 1022 OAX8F R. Atlántida:w/ "AMANECCER PERUANO" pgm, ID, Banco
Atlántico ads (223 12/20 Vilar6-PR)(343 0315 12/28 Fischer-
W. GERMANY)(--3 0400 1/6 Cleveland-CA)
- 4815 0416 OAX8V R. Samarén:w/ continuous LA mx, TC (222 1/4 Rodriguez-PR)
- 4860 0513 OBZ4T R. Chinchaycocha:w/ LA Christmas mx, IDs, TCs (232 12/25
Zimarowski-MA)
- 4995 0520 OAZ4C R. Andina:w/ rather strange LA mx, ID (343 1/11 Miller-OH)
(322 0220 12/16 Yajko-PA)(--2 0425 1/6 Cleveland-CA)(322
0520 12/18 Zimarowski-MA)
- 5970 0242 OBX4Q R. El Sol:w/ fast OM ID, SS tlk (333 12/3 Bixby-CA)
- 6045 *1059 OCY4H R. Santa Rosa:w/ anthem, ID, mx (322 1/8 Jones-MS)
- 6082 1104 OAX4Z R. Nacional del Perú:w/"RADIO HISTORIA DE LATINOAMERICA"
(242 12/20 Miklejewski-MN)
- 6175 0455 OAX7C R. Tawantinsuyu:w/ tlk, mx till 0505* (222 12/31 Beal-WA)
- 9505 1141 OAX4V R. América:w/ ID, mx pgm (212 12/23 Miklejewski-MN)

PERU (cont.)

9530v 0421 OAX6G R. Nacional, Tacna:w/ non-stop Andean mx (232 1/11
Rodriguez-PR)(212 1110 12/22 Miklejewski-MN)
 9562 1100 OAX4R R. Nacional del Perú:w/ Andean mx, ID (422 12/28 Zilmer-WI)
 9675 0200 OAZ4L R. del Pacifico:w/ Observed with EE nx, mx pgm 0200-0300
Monday thru Friday by BBCMS

UNITED STATES OF AMERICA

9525 0200 WYFR:w/ EE nx, rel. pgm "INSIGHT" (544 12/15 Smith-FL)
 9670 1945 WYFR:w/ GG rel. pgm (333 1/7 Gunn-IL)
 11775 2230 WINB:w/ "MAIL CALL" pgm (232 12/14 McIntosh-PA)(454 2210 1/4
Kelly-WI)(444 2000 1/4 Bowen-NS)(443 2045 12/12 Cawthorne-UK)
 11805 1800 WYFR:w/ ID, "ALONE WITH GOD" pgm (554 14 Bowen-NS)
 15410 2015 UN Radio:w/mx, ID, mtg of Gen. Assembly (555 11/24 Miller-CA)
 17720 1906 WINB:w/ rel. pgm w/ Rev. McIntyre (554 1/1 Smith-FL)
 11865 1719 WYFR:w/ "INSIGHT" pgm, ID (434 1/2 Naylor-CA)

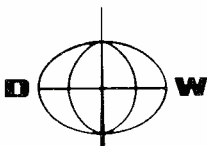
URUGUAY

11835 0145 CXA19 R. El Espectador:w/ cl. mx, many ads, IDs, nx w/ USAF song
lead-in (233 12/29 Fleming-TX)(Agner-NJ)(Rodriguez-PR)
(Baron-PA)(Cleveland-CA)(Bixby-CA)(Yajko-PA)(Fischer-W. GER.)

VENEZUELA

3225 0054 YVTC R. Occidente:w/ ID, vocals, off w/ NA @ 0103 (322 12/22
Zimarowski-MA)(Miklejewski-MN)(Bamugartner-ONT)(Yajko-PA)
 3245 0321 YVKT R. Libertador:w/ lt. mx, OM ID/TC (343 12/13 Famularo-NJ)
(Cleveland-CA)(Bixby-CA)(Yajko-PA)
 3255 0555 YVQL LV de El Tigre:w/ 0557 sign off after New Year's Eve pgm
(333 12/31 Bixby-CA)(Yajko-PA)(Zimarowski-MA)
 3275 0145 YVMC R. Mara:w/ LA mx, ID (433 12/22 Baumgartner-CNT)(Yajko-PA)
(Thompson-ND)(Famularo-NJ)(Zimarowski-MA)(Miklejewski-MN)
 3294 1106 YVOG R. Trujillo:w/ ID as "R. Trujillo Musicalisima, desde la
corazon de los andes de Venezuela", loads of ads, mx (322
12/23 Miklejewski-MN)(Zimarowski-MA)(Sparks-CA)
 3365 *1014 YVQP R. Puerto La Cruz:w/ NA, march mx, ID, pop mx (332 12/27
Jones-MS)(333 0304 12/16 Famularo-NJ)(323 0136 12/16 Yajko-PA)
 3385 0318 YVQI R. Barcelona:w/ soccer match cmntry (322 12/16 Famularo-NJ)
 3395 0320 YVOJ R. Universidad:w/ freqs, ID, LA mx (334 12/28 Smith-MA)
(333 0036 12/15 Yajko-PA)
 4770 1000 YVNW R. Bolívar:w/ LA mx, ads, IDs (322 12/8 Tannenwald-NY)(Red-
man-IL)(Wickett-MD)(Cleveland-CA)(Miklejewski-MN)(Earhart-PA)
 4780 0301 YVLA LV de Carabobo:w/ tlk, ID, mx (433 1/11 Baron-PA)(Vilaro-PR)
 4800 0155 YVMO R. Lara:w/ SS mx pgm, ID (333 12/22 Eagen-PA)(433 1140
12/24 Redman-IL)(--2 0230 12/24 Cleveland-CA)
 4840 2241 YVOI R. Valera:w/ ads, bombastic ID, LA mx (343 1/4 Miller-OH)
 4850 1000 YV?? R. Capital:w/ LA mx, ID (444 11/20 Vilaro-PR)
 4860 1100 YVQE R. Maracaibo:w/ nxcst by two OM, IDs (433 12/22 Redman-IL)
(343 *0903 12/27 Jones-MS)(--3 0215 1/6 Cleveland-CA)
 4870 1025 YVKP R. Tropical:w/ ID, tlk, mx, overpowered by R. Rio Amazonas
@ 1126 s/on (332 1/6 Jones-MS)(353 0300 1/17 Whitehead-MA)
 4890 0115 YVKB Radiodifusora Venezuela:w/ pop U.S. & LA mx (343 12/19
Couch-TN)(Tannenwald-NY)(Miklejewski-MN)(Trochimczyk-DC)
(Vilaro-PR)(Redman-IL)
 4900 0225 YVNK R. Juventud:w/ U.S. and LA pop mx (--3 1/6 Cleveland-CA)
(332 1000 12/15 Tannenwald-NY)
 4910v 1130 YVNI R. Carora:w/ "Aqui Venezuela" slogan, Venezuelan mx, ads
(222 12/20 Vilaro-PR)(433 1032 12/16 Jones-MS)(333 0230 1/12
Whitehead-MA) Don't confuse with Emisoras Gran Colombia!!!
 4940 0200 YVPA R. Yaracuy:w/ pop mx, IDs, ads (323 12/20 Eagen-PA)(332
1025 12/26 Earhart-PA)
 4960 0920 YVAO R. Sucre:w/ nxcst w/ gong between items, ads (332 12/26
Earhart-PA)(222 0955 1/3 Bowen-NS)(312 0920 12/23 Vilaro-PR)
 6030 1205 YVWM Escuelas Radiofónicas:w/ nx pgm, ID (222 12/29 Beal-WA)
 6070 0001 YVSR R. San Sebastian:w/ ID, LA mx pgm, (422 12/16 Zilmer-WI)
(434 1045 12/21 Yajko-PA)
 6120 1230 YVXS R. Angostura:w/ mx, ads, ID, ceremony at nationalization of
oil industry (222 1/1 Vilaro-PR)
 6170 *1200 YVKO R. Nacional de Venezuela:w/ IS, ID, NA, tlk, LA mx pgm (422
12/21 Zilmer-WI)
 6180 1130 YVSD R. Turismo:w/ Venezuelan mx, few IDs (323 12/28 Vilaro-PR)

SWBC DX EUROPE / AFRICA



ROBERT BUTTERFIELD

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DEADLINE: 15th of the month

Times & Dates: GMT

Frequencies: kHz

-Africa-

AFARS AND ISSAS

- 4780 1455 R. Djibouti: Ar w/ mx, singing, possibly nx @ 1500, f/out by 1550 (242 1/11 Sparks-CA); (-3 2053 in Fr 12/31 Henderson-MD)

ALGERIA

- 6145 0650 Radiodiffusion Television Algerienne: Ar w/ mx, yl tlk // 7195 (333 1/2 Zimarowski-MA)
- 11715 1818 RTVA: Ar singing, ancmts by man (333 1/7 Agner-ILJ)
- 11965t 1647 RTVA: Ar w/ ancmts, mx (343 12/26 Bixby-CA)

ANGOLA, REPUBLIC OF

- 4885t *0525 Radio Nacional de Angola: Port? w/ s/on, tlk, afro mx, ancmts (132 1/5 Laves-TX)
- 5060 0517 A Voz do Revolucion/Radio Clube do Huambo: Port and Eng vocals w/ good ID @ 0518 (-4 12/31 Henderson-MD); (252 0710 12/5 Bixby-CA)
- 7245 1638 RNA: Vern speech by man (333 12/30 Bodell-OR)
- 9535 0530 RNA: Port w/ ID, tlk, mx interludes, QRR: from RM 9540, ko'ed by VOA, Greenville 9530 carrier on @ 0550 (423 1/6 Fleming-TX) Presume northern (MPLA) stations and southern (UNITA) stations are under separate control. rfb.

ASCENCION ISLAND

- 7105 0300 BBC, Atlantic Relay: Eng w/ nx, "World Today" (444 1/7 Thompson-NK)
- 9580 1750 BBC, Atlantic Relay: Eng w/ spts (333 1/11 Baron-PA); (444 0000 1/1 Pimblet-ALBERTA)

BENIN, PEOPLE'S REPUBLIC OF

- 4870 0440 Radiodiffusion Benin: Fr w/ mx, nx, ID (444 12/28 Fisher-WEST GERMANY); (222 0510 12/20 Smith-MA); (232 0627 12/29 Zimarowski-MA); (333 0710 12/23 Bixby-CA) This is the new name of Dahomey (see Roundup) and new station name. All reports this month were for Radiodiffusion du Dahomey, though IDs could have been for La Voix de la Revolution Populaire. Correct? rfb.

BOTSWANA

- 4845 *0357 R. Botswana: Setswana/Eng s/on w/ cowbell IS, devotional, local mx, yl tlk, EC's "I Shot the Sheriff" (454 1/3 Wickett-MD); (222 0356 1/4 Straumanis-IL); (332 0356 1/4 Butterfield-MA); (343 0353 12/23 Laves-TX); (212 0357 12/23 Eagen-PA); (443 0358 12/29 Henderson-MD); (332 Eng @ 0410 12/27 Zimarowski-MA); (252 0338 IS s/on only 12/8 Bixby-CA); (333 1719 1/10 Bodell/Hickman-MA)

BURUNDI

- 4900 0410 R. Cordac: Swahili w/ old gospel mx, ancmts @ 0410 (233 12/31 Henderson-MD); (122 0418 1/5 Laves-TX)

CAMEROON

4972.5 0543 R. Yaounde: Eng rel prgr after mx, ID (212 1/11 Baron-PA); (222 *0530 12/18 Zimarowski-MA); (322 2130 in Fr 1/3 Miller-OR); (233 2226 1/4 Miklejewski-MN)

CANARY ISLANDS

11800 0105 R. Nacional de Espana, Tenerife: Sp nx (322 Butterfield-MA)

CAPE VERDE ISLANDS

3885 0827 R. Clube do Cabo Verde: Port w/ songs, guitar mx (333 1/8 Bodell-OR); (122 2354 & 0100* 1/6 Laves-TX)

CENTRAL AFRICAN REPUBLIC

5038 0440 Radiodiffusion Nationale Centrafricaine: Fr/vern w/ rapid tlks by man, many drum tunes (231 12/24 Snyder-CA); (343 0524 12/31 Bixby-CA); (333 2219 TENT 12/21 Laves-TX)

CHAD

4904.5 2108 Radiodiffusion Nationale Tchadienne: Fr nx, afro mx, drums (333 1/3 Miller-OR); (232 2119 12/21 Barber-MANITOBA); (333 2125 12/17 Eagen-PA); (332 0532 12/30 Bixby-CA)
7120 1640 RNT: Fr/vern w/ afro mx, tlk, has been rptd as Somalia (333 12/30 Bodell-OR); (322 1545 12/12 Bixby-CA)

COMORO ISLANDS

(no reports)

CONGO, PEOPLE'S REPUBLIC OF THE

4763 0434 Radiodiffusion Television Congolaise: Fr tlk, pop mx (333 1/3 Wickett-MD); (--2 1/6 Cleveland-CA); (--4 12/31 Henderson-MD)
4843 0450 RTVC, Pointe Noire: Vern w/ afro mx, tlk, IS & ID @ 0528 then what appeared to be comml type of prgr in Fr (353 12/30 Sparks-CA); (242 0458 1/5 Laves-TX); (343 0507 1/3 Wickett-MD)
15190 2035 RTVC: Eng w/ political propaganda prgr, hvy accented ancr, ancd "Voice of Congolaise, political program of all used and exploited people in Africa ... daring to speak the truth" (444 12/24 Eagen-PA); (--3 w/ 2134 ID into native mx and educational prgr in Eng 1/6 Cleveland-CA); (333 Fr @ 1821 12/20 Baumgartner-ONTARIO); (343 1912 12/24 Earhart-PA); (333 2030 1/6 Beal-WA); (333 2100 1/9 Jernakoff-NY); (232 2234 12/28 Laves-TX); (242 1925 12/30 Romani-MI)

EGYPT, ARAB REPUBLIC OF

9475 0320 R. Cairo: Eng w/ end of nx, mx, 0331* (333 12/27 Smith-AL); (333 1800 in Ar 12/21 Gunn-IL)
9805 2147 R. Cairo: Eng ancmnt, mx, 2200 nx (333 12/28 Scannell-MA); (343 2215 12/31 Beaudoin-CT); (343 2220 12/29 Cawthorne-ENGLAND); (322 2250 12/20 Couch-TN)
11880 1411 R. Cairo: Ar w/ oriental mx, tlk, 1430 IS & ID (333 12/21 Junqua-JAPAN)
17920 1445 R. Cairo: Eng ID, New Year's wishes, Ar nx (444 12/31 Smith-FL); (444 1405 12/14 Yajko-PA)

ETHIOPIA

11830 1940 ETLF: Eng nx, commtry, rel mx requests, to W Afr, 2030* (232 1/3+4 Fleming-TX); (444 1945 1/1 Scannell-MA); (322 1945 12/17 Miklejewski-MN); (333 1947 12/18 Baumgartner-ONTARIO); (343 1950 12/14 Brooks-CT); (342 1956 1/5 White-FL)

EQUATORIAL GUINEA

4926 0502 R. Ecuatorial: Sp and afro vocals, under UTE, nice readable signal (--3 12/31 Henderson-MD)
6250 0702 R. Malabo: Sp w/ speech to crowd, mentions of Malabo (242 12/6 Bixby-CA)

GABON

4777 2157 Radiodiffusion Television Gabonaise: Fr w/ afro mx, ID @ 2210 as "Radiodiffusion Television Gabonaise, La Voix de la Renovation" (242 1/3 Straumanns-IL); (232 2050 1/1 Beaudoin-CT)
• 4830t 2247 RTVG, Franceville: Fr tlk by man, sked changed? TBS has 2200* (433 12/29+31 Henderson-MD) Guess so. rfb. (333 2221 12/30 Miller-Oh) Both loggings are tentative. rfb.

GAMBIA

4820 2047 R. Gambia: Eng tlk, severe het (--- 12/31 Henderson-MD)

GHANA
 3366 2251 Ghana Broadcasting Corporation, Accra: Eng nx, commtry (322 12/29 Miller-OH);(343 2234 1/3 Miklejewski-MN)
 4915 2245 GBC, Accra: Eng ID, nx (333 1/4 Brooker-MI);(332 2253 1/1 Straumanis-IL);(444 2258 1/4+ Bodell-OR);(353 2246 1/4 Miklejewski-MN);(242 0000 1/1 Snyder-CA)
 4980 2203 GBC, Ejura: Eng nx, rel tlk, mx (242 1/4 Miklejewski-MN); (212 2140 12/18 Eagen-PA);(342 0632 12/15 Hardester-CA)
 6130 2155 R. Ghana (GBC): Eng w/ country mx, native mx (333 12/31 Pimblett-ALBERTA)

GUINEA-BISSAU
 5040 0714 R. Bissau: Port w/ tlk, tribal mx, ID, band mx w/ ceremony? description (434 1/1 Fleming-TX);(322 2140 1/2 Miller-OH); (333 0001* 12/13 Bodell-OR)

GUINEA, REPUBLIC
 7252 0301 Radiodiffusion Nationale: Eng! w/ man w/ hvy accent and tlk on Angola, into Fr w/ ID @ 0323 (333 12/13 Bixby-CA)

IVORY COAST
 4940 0640 Radiodiffusion Television Ivoirienne: Fr w/ tribal and soul mx, hvy fading , // 11920 454 (333 1/1 Fleming-TX);(312 0650 1/2 Berger-TX);(333 1/2 2050 Zimarowski-MA);(454 2108 1/1 Wickett-MD);(444 2302 1/4+ Bodell-OR)
 11920 1845 RTVI: Eng w/ nx, "Know the Ivory Coast", mx including X-mas carols "for our Christian friends" (433 12/22 Brooks-CT); (433 1850 12/12 Baumgartner-ONTARIO);(322 1900 12/26 Romani-MI);(333 1916 12/24 Straumanis-IL);(323 1832 12/24 Jones-MS); (343 1933 12/10 Famularo-NJ);(111 1930 12/24 Kaufman-NY); (444 2110 1/6 Thompson-NM);(444 2333 1/3 Laves-TX);(444 2250 12/21 Beal-WA);(353 0852 12/27 Earhart-PA) 2000 on in French.

KENYA
 4915 1653 Voice of Kenya: Swahili w/ play?, afro mx (322 1/10 Bodell/Hickman-WA);(322 1604 12/14 Junqua-JAPAN);(--2 w/ possible Eng ancmt @ 2046 on late 12/31 Henderson-MD);(121 0407 1/5 Laves-TX) Last logging tentative.

LESOTHO
 4800F 0535 R. Lesotho: Sesotho (rfb) w/ afro mx, under carrier (232 12/30 Bixby-CA)

LIBERIA
 4770 0649 ELWA: Eng w/ "Police Report", mx, nx (322 12/30 Zimarowski-MA);(242 12/30 Zimarowski-MA);(242 2254 12/25 Straumanis-IL)
 7175 2145 VOA, Monrovia: Eng progr (433 1/1 Pimblett-ALBERTA)
 7280 0259 VOA, Monrovia: Eng ID including site, nx (443 12/21 Smith-AL)
 11945nf 1740 ELWA: Fr w/ afro mx, ID, into vern rel progr (343 12/14 Snyder-CA)
 11950 2030 ELWA: Eng w/ "Back to the Bible", IDs, end progr 2100* (343 1/6 Thompson-NM);(434 *0626 1/11 Fleming-TX)
 17870 1700 VOA, Monrovia: Eng w/ "Saturday Special" (444 12/27 Romani-MI);(344 1742 1/11 Baron-PA)

LIBYA
 (no reports)

MALAGASY REPUBLIC
 3288m 0340 Radio Television Malagasy: Vern w/ ancmts by man (211 12/31 Henderson-MD)
 11730 2000 R. Nederland, Talata: Eng s/on, nx to Eur (333 1/1 Zink-CA); (323 2015 12/16 Kaufman-NY);(333 2020 12/31 Cawthorne-ENGLAND);(555 12/31 2030 Marti-CA);(343 2120* 12/28 Romani-MI);(322 2050 1/3 Rojewski-WA);(343 2100 12/18 Thompson-NM); (343 1/1 2130 Kummer-KY)

MALAWI
 3380 2155 Malawi Broadcasting Corporation: Eng mx, nx, ID (333 12/22 Fischer-WEST GERMANY);(444 0326 1/5 White-FL)
 7130 1559 MBC: Eng w/ "MBC" ID into nx, "International Service" (242 12/23 Snyder-CA);(322 1605 12/18+ hrd daily Bodell-OR)

- MALI
4783 2208 R. Mali: Fr w/ singing, chanting, afro mx (333 12/30 Miller-OH);(122 2342 12/25 Straumanis-IL);(2054 Henderson-MD)
• 4875nf*0555 R. Mali: Fr w/ martial mx, ID, afro mx, "for the past few weeks they've been alternating this frequency with 4783, never staying on either frequency for more than two days in a row" // 5995 remains unchanged (333 12/24+ Zimarowski-MA); (454 1/1+2 on 1/3 back on 4783 Sparks-CA);(342 0608 Laves-TX)
5995 2145 R. Mali: Fr w/ mx, several IDs, tlk (444 12/24 Jernakoff-NY); (433 2146 1/11 Baron-PA);(322 2245 12/28 Beal-WA);(444 2302 12/15 Brooks-CT);(333 0000* 12/13 Pitts-OR)
11960 1642 R. Mali: Fr w/ ancmt by man, afro mx, ID before 1805*, booming in (444 12/12 Bixby-CA)
- MAURITANIA
4850 2040 Radiodiffusion Nationale de Mauritanie: Ar tlk, mx (433 12/8 Baumgartner-ONTARIO);(333 2200 12/17 Eagen-PA);(333 0000* 12/9 Famularo-NJ);(332 0002* 12/17 Bodell-OR)
- MAURITIUS
(no reports)
- MOROCCO
5965 0729 VOA, Tangiers: Eng w/ IS, ID w/ site, Arabic s/on (353 12/28 Quinn-NY)
6170 2005 Radiodiffusion Television Marocaine: Ar nx? (232 1/10 Miller-OH)
9615 0035 RTVM: Ar mx prgr (443 1/5 Ellsworth-CA);(333 0058 12/25 Bixby-CA)
11735 1515 RTVM: Ar w/ tlk (332 11/28 Earhart-PA)
15205 1744 VOA, Tangier: Eng nx ((343 1/11 Baron-PA)
15360 1536 RTVM: Ar mx, tlk // 11735 (433 1/1 Zimarowski-MA);(444 1534 1/3+ Agner-NJ)
- MOZAMBIQUE
• 4855 1709 R. Mocambique: Port tlk, TCs, jingles, tlk, mx, much like old IM Radio (232 1/10 Bodell/Hickman-WA);(2057 12/31 Henderson-MD)
7135 1532 R. Mocambique: Port tlk, ID, Iran QRM (323 12/18 Bodell-OR)
9619.5 1640 R. Mocambique: Port w/ mx, tlk, 1700 ID (433 12/10 Junqua-JAPAN)
- NIGER
(no reports)
- NIGERIA
3396 0441 Nigerian Broadcasting Corporation, Kaduna: U/lang w/ Qur'an chants, tlk (322 1/3 Wickett-MD);(121 0430 12/20 Smith-MA)
6090 2220 Radio Television Kaduna: Hausa w/ vocal mx, yl w/ Eng ID into Hausa nx prgr (242 12/22 Snyder-CA);(333 2220 1/4 Bodell-OR); (333 2110 12/25 Beaudoin-CT);(322 2200 1/10 Miller-OH)
6100 2230 NBC, Maiduguri: U/lang w/ Moslem and afro mx, tlk (232 1/4 Bodell-OR)
6146 0550 NBC, Calabar: Eng nx, afro mx (333 1/10 Sparks-CA)
7275 *0548 Voice of Nigeria (NBC): Eng w/ chimes, talking drums, anthem prgr sked (423 12/29 Fleming-TX);(343 0615 12/11 Hardester-CA);(111 0700 12/13 Couch-TN);(333 0700 12/27 Radtke-CA)
- RHODESIA
3395m 0410 Rhodesia Broadcasting Corporation: Eng w/ ads, rock mx (131 1220 Smith-MA);(444 1/7 0400 Agner-NJ);(--3 0408 1/6 Cleveland-CA);(222 0402 1/8 Zimarowski-MA);(554 0419 12/31 Henderson-MD);(444 0357 1/5 White-FL);(444 12/29 0337 Bixby-CA)
- RWANDA
7225 0430 Deutsche Welle, Kigali: Eng w/ ID, nx, start of Eng prgr (333 12/27 Miller-OH);(222 0515 12/27 Romani-MI);(222 0502 in Ger 12/21 Smith-AL);(343 0413 in Swahili 12/31 Thompson-NM)
- REUNION
4807 0930 R. Reunion: Fr w/ mx (322 12/14 Gunn-IL) Out of order. rfb.

SAO TOME E PRINCIPE

(no reports)

SENEGAL

- 4875 *0555 R. Senegal, Ziguinchor: Fr w/ s/on, NA, Fr ID as Ziguinchor, positive ID, new outlet (353 12/23 Snyder-CA) Do we have two stations or what? See Mali. rfb.
- 4890 2105 R. Senegal: Fr tlk, mx (222 12/21 Barber-MANITOBA);(353 0603 Laves-TX)
- 11895 2220* R. Senegal: Fr w/ yl ancmt, positive ID, IS, 2220* (333 12/28 Bixby-CA)

SEYCHELLES

- 11715 1700 Far East Broadcasting Association: Eng w/ IS, IDs, prgr in Farsi (333 12/12 Baker-IL)
- 15325 1605 FEBA: Eng w/ rel prgr, ID @ 1615, CBC s/on @ 1630 (232 1/7 Zimarowski-MA)

SIERRA LEONE

- 3316 *0555 Sierra Leone Broadcasting Service: Eng w/ IS, 0600 w/ anthem, ID, fags, children's chorals (433 12/29 Bixby-CA);(444 0602 1/5 White-FL);(212 0612 1/1 Scannell-MA);(--3 2113 12/31 Henderson-MD)

SOMALIA

- 7121.5 1530 R. Hargeisa: Somali? w/ tlk, mx that sounded like a cross between sub-continent and east afro (232 1/4 Snyder-CA) I guess new frequency? Not on my HIS, yet! rfb.
- 9585 2018 R. Mogadishu: Somali? w/ fast, exotic mx, nx 1950 (323 1/3 Smith-TN);(433 1544 12/12 Bixby-CA);(212 1810 12/17 Eagen-PA);(434 2020 12/20 Yajko-PA)

SOUTH AFRICA

- 3250 0200 SABC, Springbok R.: Eng w/ mx, ads, ID (--2 1/6 Cleveland-CA);(333 0215 1/7 Thompson-NM)
- 3965 1657 SABC: Eng rel svc (333 1/10 Bodell-Hickman-WA)
- 4810 0230 SABC, Springbok R.: Eng/Afrikaans w/ ID "This is the All Night Service of Radio South Africa" (433 1/2 Agner-NJ); (212 0310 12/16 Stephenson-CA);(242 0317 12/29 Couch-TN);(444 0335 1/7 Ellsworth-CA);(--4 0405 1/6 Cleveland-CA);(333 0415 1/2 Trochinczyk-DG);(333 0415 12/16 Miklejewski-MN);(333 2100 12/19 Eagen-PA)
- 4875 1703 SABC: Afrikaans w/ nx (343 1/10 Bodell/Hickman-WA);(--3 0425 1/6 Cleveland-CA)
- 9585 2104 R. RSA: Eng nx (333 12/26 Yajko-PA);(--4 2130 1/3 Radtke-CA); (434 2230 12/18 Baker-IL);(444 2310 12/29 Romani-NI);(343 0259 12/31 Smith-FL);(433 0407 12/22 Pimblett-ALBERTA);(--3 0422 1/7 Cleveland-CA)
- 11900 2140 R. RSA: Eng w/ wed DX prgr, also on Saturdays now (332 12/10 Cawthorne-ENGLAND);(534 2225 1/2 Straumanis-IL);(353 2230 1/2 Radtke-CA);(333 2300 12/26 Larson-WI);(322 12/27 Hoffman-PA)

SUDAN

- 11835 1545 R. Omdurman: Ar w/ mx to 1601 ID (232 12/22 Snyder-CA);(333 1608 12/19 Junqua-JAPAN);(333 1630 12/26 Bixby-CA);(232 1700 1/3 Pitts-OR);(333 0428 1/5 Laves-TX)

SWAZILAND

- 3223.5 0900 Swazi Music Radio: Eng w/ accented OM anc, mx, no ID (242 1/7 Hardester-CA)
- 4790 1800 Trans World Radio: Eng rel prgr, ID (333 12/13 Fisher-WEST GERMANY)
- 4890 0400 SMR: Eng rock mx, IDs (333 12/30 Agner-NJ);(--3 1/6 Cleveland-CA)
- 4980 0412 SMR: Eng rock mx (434 12/23 Laves-TX);(322 0419 1/5 Straumanis-IL);(343 0445 1/2 Sparks-CA)
- 9590 0452 TWR: Eng rel prgr, ID (343 12/23 Laves-TX);(--4 0451 1/16 Cleveland-CA)

TANZANIA

- 4825 2045 R. Tanzania: Swahili w/ nice woman tlk (544 12/31 Henderson-MD)

TOGO
5047 0525 Radiodiffusion du Togo: Fr s/on after IS @ 0527, 0530 anthem "Ici Tome", mx prgr incl "Jingle Bells" in Eng (323 12/19 Eagen-PA);(--3 0535 1/1 Cleveland-CA);(342 0545 12/13 Couch-TN);(333 1/11 Baron-PA);(344 2255 1/4 Bodell-OR)

TUNISIA
11970 1626 Radiodiffusion Television Tunisienne: Ar w/ mx // 15225 (333 12/30 Bodell-OR);(111 2149 1/11 Baron-PA)
15225 1450 RTVT: Ar hrd after DW 1440*, telephone tlk show to 1500, mx nx @ 1601 (333 12/20 Baugartner-ONTARIO);(343 12/20 1540 Earhart-PA)

UGANDA
4976 4976 Uganda Broadcasting Corporation: Eng w/ nx, mx, ID as "This is the National Service of Uganda" (333 12/28 Fisher-GERMANY)
5026 2105 UBC: Eng/vern w/ nx (443 12/31 Henderson-MD)
7300 2030 UBC: Eng prgr, still announcing Su, M, W, and F w/ Eng 2030-2100 (333 12/29 Macken-MA)
9515 1620 UBC: Eng w/ local mx, full ID @ 1630, nx (232 12/14 Snyder-CA);(323 1639 1/8 Bodell-OR)
9730 2030 UBC: Eng w/ sudden switch from lang w/ prgr, address as Dec SPEEDX for reports, not as Dec Gram (333 12/24 Romani-MI); (323 12/15 Baker-IL);(332 1/2 Pimblett-ALBERTA);(333 12/28 Scannell-MA);(343 12/17 Cawthorne-ENGLAND);(333 12/28 Smith-MA);(211 12/21 Laves-TX);(433 12/16 Baugartner-ONTARIO);(332 12/10 Zimarowski-MA);(343 12/10 Pitts-OR)
15325 1800 UBC: Eng w/ IS, nx, IDs (211 1/11 Baron-PA);(322 12/7 White-FL)

UPPER VOLTA
4815 0602 Radiodiffusion Television Voltaïque: Fr w/ tlk, Balafon mx, quick f/out (322 12/30 Agner-NJ);(333 0541 12/29 Bixby-CA)

ZAIRE
4750 2051 R. Lumbumbashi: Fr tlk, play (--3 12/31 Henderson-MD)
15245 1925 La Voix du Zaire: Fr w/ tlk about revolution, afro mx (444 1/1 Wickett-MD);(343 1/3 Beaudoin-CT);(333 1945 12/29 Romani-MI);(433 2140 Stephenson-CA);(353 Bixby-CA)
15350 1934 La Voix du Zaire: Fr tlk, mx // 15245 (323 1/11 Baron-PA); (333 1/2 2357 Agner-NJ);(222 1912 12/29 Miklejewski-MN)

ZAMBIA
4911 0412 R. Zambia: Vern w/ native drum mx, chants, some tlk (--2 1/9 Cleveland-CA);(--4 2200 12/31 Henderson-MD);(333 1711 1/10+11 Bodell/Hickman-WA);(322 1/3 0453 Wickett-MD)
9580 1605 R. Zambia: Eng nx by man (322 12/30 Bodell-OR);(343 1800 12/27 Cawthorne-ENGLAND);(311 1605 12/31 Bixby-CA)

-Europe-

ALBANIA
• 5057 *0458 R. Gjirokaster: Albanian w/ folk mx, ID, TC, nx, morning exercise prgr, ID as "Ju Flet Tirana", probably relay of Home Service (322 1/5 Zimarowski-MA);(323 1/5 Butterfield-MA);(-- 1/4 Laves-TX);(--4 12/31 Henderson-MD);(222 1534 1/11 Bodell/Hickman-WA)
7065 0005 R. Tirana: Eng nx (443 1/2 Kelly-WI);(433 0000 12/16 Hoffman-PA);(444 0025* 1/1 Romani-MI);(444 12/21 McIntosh-PA)

AUSTRIA
15335 1850 Osterreichisher Rundfunk: Eng w/ letters, 1900* (222 12/28 Scannell-MA)

BELGIUM
6080 0041 Radiodiffusion Television Belge: Eng tlk (433 12/26 Yajko-PA); (343 0058* 12/25 Ziegler-MI)
9755 2315* RTB-BRT: Eng w/ s/off (222 1/1 Kelly-WI)

BULGARIA
9700 0000 R. Sofia: Eng s/on, ID (333 12/21 Naylor-CA);(333 1/2 Rojewski-WA);(343 12/24 Snyder-CA);(211 12/21 Beal-WA);(333 12/30 Romani-MI)
11900nf 1655 R. Sofia: Turkish w/ mx, tlk, Ar ID @ 1700 "Huna Sofia", don't confuse with Tunisia, new 500 kw xmtr?(343 1/3 Snyder-CA)

CZECHOSLOVAKIA

5930 *0100

R. Prague: Eng nx (242 12/29 Romani-MI);(333 12/21 Naylor-CA);(444 1/8 Fleming-TX);(111 2015 12/21 McIntosh-PA)

DENMARK

15165 *1600

R. Denmark: Eng ID into Danish (343 1/2 Richmond-CT);(333 1/1 Wickett-MD);(323 12/14 Yajko-PA);(222 12/25 Beaudoin-CT)

FINLAND

15110 *1400

R. Finland: Eng nx (433 12/14 Zilmer-WI);(322 1/2 Hoffman-PA);(322 12/22 Romani-MI);(322 12/21 Brooker-MI);(343 12/24 Earhart-PA) QRM HCB. rfb.

FRANCE

11705 1715

R. France International: Eng w/ "French Review" // 11890, 11930 (343 12/14 Snyder-CA);(434 12/25 Yajko-PA);(444 1/1 Wickett-MD);(333 1/3 Pitts-OR)

GERMANY, DEMOCRATIC REPUBLIC OF

15255 1815

R. Berlin International: Eng nx to Africa (342 1/1 Zilmer-WI)

GERMANY, FEDERAL REPUBLIC OF

6095 2128

VOA, Munich: Russian tlk // 6150 (232 12/24 Bodell-OR)

6185 0530

Deutsche Welle: Eng tlk (444 12/20 Crable-ID);(322 12/15 Hoffman-PA)

7115t 1735

R. Free Europe, site?: Hungarian? w/ tlk, mx (333 1/10 Bodell/Hickman-WA)

7265 0150

Sudwestfunk: Ger w/ pop mx, jazz (232 12/20 Bixby-CA)

GREAT BRITAIN

6040 2150

VOA, Wofferton: Eng nx (322 1/11 Baron-PA)

7200 0355

VOA, Wofferton: Eng w/ "Breakfast Show" (433 1/5 Pimblett-ALBERTA)

7360 2115

BBC: Eng progr (44 12/21 McIntosh-PA)

GREECE

5960 0700

Voice of Greece (EIRT): Fr w/ flute IS, nx, 0715 IS, Eng nx (333 daily Laves-TX)

6175 2200*

Voice of Greece (EIRT): Greek/Eng IDs, s/off (323 12/16 Baker-IL)

7170 2113

VOA, Kavala: Eng nx (333 1/5 Bodell-OR)

7215 *2100

Voice of Greece (EIRT): Greek w/ IS, TC, nx into Eng @ 2115 (322 1/2 Zimarowski-WA);(433 12/5 Cawthorne-ENGLAND)

9520 *1500

Voice of Greece (EIRT): Greek w/ IS and s/on, nx, Eng 1515 (323 12/12 Baker-IL);(--3 1/7 Cleveland-CA);(222 1/5 Pimblett-ALBERTA);(343 1550* Snyder-CA);(444 12/20 Miller-CA)

9620 2137

VOA, Kavala: Russian nx (333 12/15 Rojewski-WA)

HOLLAND

15415 1413

R. Nederland: Eng w/ "Happy Station" to SEA (343 12/21 Brooker-MI);(433 1/1 Zilmer-WI);(333 12/29 Romani-MI)

HUNGARY

6000 0155

R. Budapest: Eng w/ TC, fqys to NA, IS 0200 (343 12/24 Crable-ID);(222 12/29 Couch-TN);(423 0410 1/3 Kelly-WI)

ITALY

9575 1830

Radiotelevisione Italiana: It w/ IS, ID (222 12/23 Rojewski-WA)

LUXEMBOURG

6090 0035

R. Luxembourg: Eng w/ rock (222 1/5 Sann-NJ);(322 1/2 Pimblett-ALBERTA)

MALTA

6055 2026

Adventist World R.: Eng w/ World DX Club progr (222 12/20 Baumgartner-ONTARIO)

2045

R. Malta: Eng hymn, address (232 12/28 Beaudoin-CT);(222 1/3 Jernakoff-NY)

6100 2100

IBRA R.: Eng s/on, gospel mx, reading (222 12/21 Smith-AL)

0530

Deutsche Welle, Cyclops: Eng nx (343 12/24 Radtke-CA);(423 0144 1/11 Baron-PA)

MONACO

7105 0720

Trans World Radio: Eng rel tlk (333 12/18 Bodell-OR);(444 1/1 Pimblett-ALBERTA);(333 12/22 Baker-IL);(444 1/1 Fleming-TX)

NORWAY

11895 1600

R. Norway: Eng w/ wx tlk (343 1/4 Miklejewski-EM);(423 12/14 Yajko-PA);(333 *1700 Nor 12/13 Beal-WA);(343 12/29 Snyder-CA)

POLAND
9540 1604 Polish R.: Eng w/ 1975 in review (243 1/2 Richmond-CT)

PORTUGAL
6025 0248 R. Portugal: Eng w/ mx (342 12/29 Kelly-WI); (322 12/26 Stephenson-CA); (444 12/14 McIntosh-PA); (433 12/16 Hoffman-PA); (333 12/25 Radtke-CA); (322 1/6 Agner-NJ)

SPAIN
11880 0130 R. Nacional de Espana: Eng nx (444 1/3 Sann-NJ); (433 12/26 Yajko-PA); (444 12/25 Earhart-PA)

ROMANIA
5990 0141 R. Bucharest: Eng w/ cl mx (333 1/11 Baron-PA); (343 12/21 Naylor-CA); (332 12/27 Zilmer-WI); (333 12/24 Radtke-CA)

SWEDEN
15305 1401 R. Sweden: Eng (444 12/25 Earhart-PA); (444 12/25 Smith-FL); (422 1/2 Hoffman-PA); (333 12/29 Kummer-KY); (Miklejewski-MN)

SWITZERLAND
9725 0140 SBC: Eng nx (444 12/26 DeVries-MA); (232 12/20 McIntosh-PA)

USSR
Byelorussian SSR:
12005 1307 R. Minsk HS: Russ tlk (333 12/25 Yajko-PA)

Ukrainian SSR:
4920 1600 R. Kiev HS: Russ w/ relay Moscow 1, ID (222 12/24 Bodell-OR); (444 12/31 Henderson-MD)

RSFSR European:
5015 0544 R. Arkhangelsk HS: Russ songs (132 1/2+ Iaves-TX)
5065 2107 R. Petrozavodsk HS: Russ choral mx (--2 12/31 Henderson-MD)
7100 0330 R. Moscow, site?: Eng nx (232 12/5 Smith-FL)
11860 1530 R. Peace and Progress, site?: Eng tlk (--3 1/6 Cleveland-CA)
11870 1350 Mayak, site: Russ relay for seamen (433 12/17 Brooks-CT)
12050 0040 R. Kiev, site?: Eng prgr (434 1/6 Fleming-TX)
15455 1252 Radiostantsiya Atlantika, site?: Russ tlk (444 12/27 Earhart-PA) Don't think site is Riga, though could be wrong, rfb.
0029 R. Kiev, site? Eng w/ nx (333 12/29 Beal-WA)

YUGOSLAVIA
9620 2200 R. Belgrad: Eng nx (222 1/8 Kummer-KY); (Fleming-TX); (Smith-AI); (Richmond-CT); (Cawthorne-ENGLAND); (Couch-TN); (Smith-AI)

VATICAN STATE
5995 0103 R. Vaticana: Eng rel tlk (354 12/22 Marti-CA); (Naylor-CA)

EUROPE/AFRICA ROUNDUP

Thanks to new reporters: Jeff Berger, Bob Couch and Ronnie Sann. A total of 73 reporters, two under the all-time SPEEDX record. Those countries receiving no reports are listed in most cases (those not: Azores, Sahara, St. Helena, and Tristan de Cuhna, try for them next month!

BBC MS items appear by permission.

Belgium - RTB/BRT: RTB has decided to discontinue all short-wave broadcasts to the western Hemisphere sometimes in March. Other services will be reduced. English to Africa and French to Belgiums will continue.

(B. Baumgartner & B. Beal)

Angola - Radio Nacional de Angola: "Since December 5th the state radio in Luanda has been IDing itself as 'Radio Nacional de Angola' (RNA) instead of 'Emissora Nacional de Angola' which was adopted at independence."

(BBC MS)

Algeria - Radiodiffusion Television Algerienne: "... the national network in Arabic of RTVA will broadcast 24 hours a day beginning the 22nd of December ... the Arabic network had been on the air from 0600-2400 ... the 'Voice of Palistine' ... will be transmitted from 1800-1900 instead of 1830-1930 as from the 1st January."

(BBC MS)

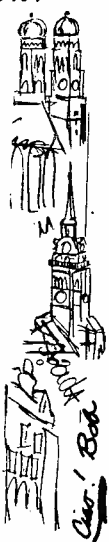
(NY Times 12/1/1975)

Dahomey Announces
Its Name Will Be Benin

COTONOU, Dahomey, Nov. 30 (Reuters) — The West African country of Dahomey changed its name to the People's Republic of Benin. President Kerekou announced here.

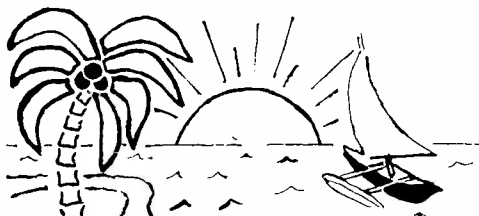
Benin was the name of an African kingdom on the Gulf of Guinea that reached its peak in the 17th century. The country, situated between Nigeria and Togo on the Atlantic coast, has a population of about 2.5 million and an area of 43,500 square miles, about the same as Tennessee. It became independent in 1960 after more than half a century of French rule.

The announcement of the change in name was made during ceremonies to mark the first anniversary of the proclamation of what was called a "Marxist-Leninist scientific socialism" in the country. Colonel Kerekou also announced formation of a new political organization, the Party of the People's Revolution of Benin.



ASIA-OCEANIA

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ASIA

DEADLINE: 15th of the month

FREQ TIME SIO LOCATION

AFGHANISTAN

4775 1320 222 MAN RA: Urdu (WRTH) tlk, Afghan mx (Barber 12/19)

BURMA

5040 1243 222 MD BBS: Burmese w/ YL tlk, mx (Wickett 1/3), also by Bromley (T) ONT, Famularo NJ, in Eng by Radtke CA.¹⁴³⁰

CHINA, PR (editor's note-all Home Service and local Chinese stations are referred to by their phonetic name, see Jan. SPEEDX, R. Peking remains the same)

2476	1036	333	WA	Hangzhou: OM w/ tlk in Chinese (Bodell 1/10)
3000	1450	--4	CA	People's Lib. Army 1: Chi tlk, vocals (Cleveland 1/7)
3200	1039	333	MA	PLA 2: Amoy tlk, mx, cnty on Taiwan (Macken 12/27), and Micklejewski MN, Yajko PA, Barber MAN, Cleveland
3400	1145	333	PA	PLA 2: Amoy tlk, mx, // 3400 (Yajko), Barber MAN
3450	1440	--4	CA	Beijing HS 1: Chi w/ YL vocalist (Cleveland 1/6)
3535	1445	--4	CA	PLA 1: Chi tlk by OM, CW QRM (Cleveland 1/6)
3830	1332	333	JAPAN	PLA: Chi tlk by YL, // PLA freqs (Junqua 12/23)
3900	1350	422	JAPAN	Haila'er: Mongolian tlk, PLA QRM (Junqua 12/23)
	1626	222	ALB	PLA 2 (T): Chinese music (Pimblett 12/24)
3970	1452	--2	CA	Huhehaote: YL singing in Chi, ARO QRM (Cleveland)
4020	1623	333	JAPAN	R. Peking: Eng OM w/ cnty, Paki QRM (Junqua 1/4)
4068	1454	--3	CA	Huhehaote relay RP: Mongolian tlk, 1456* (Cleveland)
4250	1510	--3	CA	Beijing HS 2: Chi w/ play, mx, tlk (Cleveland 1/8)
4380	1150	343	PA	PLA 2: Amoy talk (Yajko 12/26)
4460	1515	--2	CA	Beijing HS 1: YL w/ Chinese tlk (Cleveland 1/8)
4840	1506	--4	CA	PLA 2: Amoy w/ YL tlk (Cleveland 1/6)
5040	1554	322	OR	Fjuian JKT: Chi w/ 'Internationale', S/off (Jessen)
5125	1400	222	MAN	R. Peking: Chi tlk on China (Barber 12/12)
5145	1420	222	MAN	RP: Chi tlk (Barber 12/17) BBGMS 11sts Mongolian,rb
5163	1430	323	MAN	Beijing HS 2: Chi "Top Ten" mx (Barber 12/17)Yajko
5905	2330	333	MAN	Beijing HS 1: Chi tlk on agriculture (Barber 12/22)
5950	2325	333	MAN	R. Peking: Chi tlk on industry (Barber 12/22)
5975	*1300	444	JAPAN	RP: IS, Korean S/on, w/ YL tlk (Junqua 12/17)
6225	2320	333	MAN	Beijing HS 1: Chi tlk (Barber 12/23), and Yajko PA
6290	0913	322	ID	RP: Chi w/ political speech, crowds (Crabble 12/15)
6320	*1429	434	CA	RP: Laotian S/on w/ tlk (Naylor 12/12), also in Thai at 1215 by Yajko PA.....
6345	2255	333	MAN	PLA 2: Amoy w/ mx, political tlk (Barber 12/22)
6535A	*2330	343	MN	RP: Thai ID, nx, tlk (Micklejewski 1/3)
6945	0245	333	MAN	RP: Chi reconstruction tlk (Barber 12/21)
6955	1205	332	PA	RP: Japanese w/ lang lesson?, mx (Earnhart 12/26)
7025	1754	322	OR	PLA 2: 'Internationale', S/off (Jessen 12/24)
7035	2302	323	MAN	RP: Chinese w/ nx by OM (Barber 12/22)(Famularo NJ)
7335	2334	343	OR	RP: Thai tlk by OM/YL (Bodell 12/28)
7385	1510	242	CA	RP: Eng "Intern.", IS, Chi @ 1530 (Snyder 12/27)
7504	2245	333	PA	Beijing HS 1: Chi tlk by OM (Yajko 12/14)(Barber)
7620	1335	222	MN	RP: Eng tlk (Micklejewski 12/29) listed 7660, reb
9030	0045	343	PA	RP: Chi mx, Span tlk, // 9340 (Yajko 12/14)
9064	2252	322	PA	Beijing HS 1: Chi tlk by YL (Yajko 12/14)
9210	1340	312	PA	RP: Span tlk, RTTY QRM (Yajko 12/21)
9420	0918	222	CA	RP (T): Chi tlk, mx (Zink 1/2) see Korea, reb
9440	1142	353	MN	RP: Fren tlk, ID by YL, mx (Micklejewski 12/22)
9460	0315	343	NM	RP: Eng cnty, Chi mx (Thompson 12/28)(Micklejewski)
9480	0112	333	PA	RP: Chinese talk (Yajko 12/24)

CHINA (continued)

9860	0025	433	PA	R. Peking: Chinese mx, Span tlk (Yajko 12/26)
9900	1335	333	PA	RP: Malay tlk by YL (Yajko 12/21)
9940	0315	343	CA	RP: Eng w/ "China In Construction" (Marti 12/17), also by Pimblett ALB, Barber MAN, and Yajko PA.....
9945	2250	333	CT	RP: Chinese tlk, mx, "Intern", 2257* (Olsson 12/17)
9965	0145	343	TX	RP: Span tlk (Fleming 12/30), in Eng @0230 (Barber)
11650	0030	333	HI	RP: Span tlk (Trubee 12/25), in Eng @ 1303 (Yajko)
11675	*0000	444	ALB	RP: Eng tlk (Pimblett 12/17), and Yajko PA 12/14
11695	1730	---	IL	RP (T): tlk by YL in Chinese? (Gunn) not listed time
	0054	343	PA	RP: Portuguese tlk, anthem (Yajko 12/24)
11945	0110	344	CT	RP: Eng to Latin America (Olsson 1/4), and by Yajko PA, Pamularo NJ, and Cleveland CA.....
12055	0445	222	WI	RPL Eng w/ mx, 0500* (Larson 1/4), and Ellsworth CA
12120	0011	353	TX	CJKT (Beijing): Chi tlk, mx, 'EIR' (Laves 12/22)
15030	0237	222	MAN	CJKT 2: Chi w/ diction speed nx by YL (Barber 12/21)

CYPRUS

5180	0504	343	CT	BBC, Limassol: Eng w/ news in World Svce (Beaudoin)
7140	1740	343	WA	BBC, Limassol: Persian music (Bodell 1/10)

INDIA

3235	1458	232	WA	AIR Gauhati: chant-like Sub Cont mx (Bodell 1/10)
3255	1500	232	WA	AIR Delhi: YL singing in U/lang (Bodell 1/1)
3905	2350	433	FRG	AIR Delhi: Eng cmty, mx, nx, ID (Fischer 12/22)
4920	1655	242	WA	AIR Madras: Sub Cont music (Bodell 1/10)
6035	0134	231	CA	AIR Bombay: Sub Cont mx, YL ID @ 0145 (Snyder 12/24)
9525	2209	222	WA	AIR Aligarh: Eng nx, cmty (Rojewski 1/3), and by Miller OH @ 1930, Zilmer WI, and Yajko PA.....
9645	1445	343	CA	AIR Delhi: Eng rpt on Indian medicine (Snyder 1/3)
9705	1225	332	WI	AIR: IS, 1230 tlk in U/lang (Zilmer 12/31)
9912	2110	232	CT	AIR Delhi: Eng w/ mx, Ghandi speech (Beaudoin 1/3), and by Olsson 1/6, Gunn IL 12/18, Yajko PA 12/26...
9950	1540	242	CA	AIR Delhi: Eng nx, cmty, OM ID (Snyder 12/13)
11775	1130	333	MI	AIR Aligarh: Indian mx, 'Faithfully Yours', in GOS, (Romani 12/29), and Beaudoin CT, White FL.....

Kashmir

3277	1524	222	OR	Srinigar (T): stringed inst., OM w/ SC mx (Bodell 1/15)
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INDONESIA

3204	1052	333	WA	RRI Bandung: Indo w/ pop mx pgm (Bodell 1/10)
3223	1457	222	WA	RRI Mataram: modern mx, Indo anxx (Bodell 1/10)
3232	1501	131	WA	RRI Bukittinggi: OM w/ Indo nx (Bodell 1/11)
3250	1459	222	WA	RRI Banjarmasin: "Love Ambon", nx (Bodell 1/10)
3277	1505	232	WA	RRI Jakarta: Indo nx by OM (Bodell 1/11)
3945	1140	333	WA	RRI Dempar: island instrumentals (Bodell 1/10)
4000	1432	222	OR	RRI Kendari: Indo tlk by OM (Bodell 12/30)
4698	1520	--2	CA	RKIP Surabaya: OM tlk, Indo mx (Cleveland 1/8)
4764	1345	343	CA	RRI Medan: OM/YL tlk, 1401 ID (Hardester 1/4)
4985	1510	222	OR	RRI Ujung Pandang: Eng w/ pop mx (Jessen 12/29)
5987	0840	433	WA	RRI Menado: Indo tlk by YL, mx (Beal 1/2)
6045	1550	333	WA	RRI Jakarta: Mideast mx, nx, 1600 ID (Beal 1/3)
7110	0840	343	CT	RRI Yogyakarta: Indo mx (Beaudoin), *0957 (Beal) ??
11789	0902	444	CA	VolIndonesia: Eng nx, cmty (Mercado 12/20), and Jones MS @ 1146, Naylor CA @ 1400, Pitts OR @ 2338.....

IRAN

7135	1604	232	CA	R. Iran: Farsi w/ mx, // 9022 (Snyder 1/3)(Bodell)
9022	2000	233	CT	VOI: Eng nx, mx, (Richmond 1/3), Baker IL, Baron PA, Gunn IL, in Farsi Pimblett ALB, Baumgartner ONT
11700	1644	333	NJ	VOI: NF?, Turkish, w/ IDs, mx (Famualro 12/21)

IRAQ

3240	1415	333	MAN	R. Baghdad: Ar mx, tlk (Barber 12/23)(Bodell OR)
9745	1933	333	CT	RB: Eng ID, tlk (Richmond 1/3), also Gunn IL 2020*, Rojewski WA, Yajko PA, and in Fren *2110 Pimblett

VOICE OF THE IRAQI REPUBLIC

ISRAEL

5900	*0500	344	CT	IBA: Eng nx (Richmond 1/3), and Baron PA, Snyder CA, @ *1955 by Beal WA, Levin NJ, Zilmer WI all in Eng..
5950	*0500	433	WI	IBA: Eng nx, wx (Zilmer 1/4), and Richmond CT 1/3

ISRAEL (continued)

7305	0258	211	FL	IBA: IS, S/on in U/lang, jammed (Smith 12/22)
7395	*0500	333	PA	IBA: Eng nx, wx (Hoffman 12/15), and Radke CA, Smith FL, Romani MI, and @ 2000 in Eng by Zilmer WI.....
7412	2225	454	TX	IBA: Fren tlk, cmtly (Fleming 1/6), also Olsson CT, Smith FL, in Eng by Romani MI, Yajko PA, Zilmer WI.
7462	2050	545	NJ	IBA: relay HS in Hebrew (Levin 1/4), and Zilmer WI
9009	2245	444	CT	IBA: Fren (Olsson 1/8), Eng by Yajko PA, Zilmer WI
9400	2255	322	WI	IBA HS: Hebrew tlk, mx, 2305* (Zilmer 12/25)
9495	2245	433	WI	IBA: Fren tlk, freqs, 2258* (Zilmer 12/19)
9815	*1955	333	TN	IBA: Eng w/ IS, nx (Couch 12/27), and by Baker IL, Gunn IL, Pitts OR, Yajko PA, Scannell MA, Zilmer WI
11645	2045	332	WI	IBA: Eng w/ "Jerusalem Calling" (Zilmer 12/26)
11655	1227	354	MN	IBA: Eng relay of HS w/ ads, nx (Miklejewski 12/18)
12077	1545	332	WI	IBA HS: Hebrew w/ pop mx (Zilmer 1/1)(Miklejewski MN)
15100	1224	343	FL	IBA: Eng w/ ads (Smith 12/10), 1600 Russ (Miklejewski)
17815	1230*	443	FL	IBA: Eng w/ nx, wx, ads (Smith 12/10)(Zilmer WI)

JAPANNHK=Radio Japan

3910	1025	444	CA	FEN: Eng mx, nx (Miller), and Pimblett ALB @ 1645
3925	1632	333	ALB	NSB: Japanese w/ nx, mx (Pimblett)(Cleveland CA)
5990	1800	343	ALB	NHK: Eng nx (Pimblett 1/3), @ 1300 Miller CA
6055	1140	333	CA	NSB: Japanese tlk (Miller), and @ 1502 Cleveland CA
6130	0125	433	WI	NHK: JJ/Eng nx (Woltman 12/27) are you sure? ? ?
6155	1704	333	WA	FEN: Eng nx, wx (Rojewski 12/31)(Jones MS)(Pimblett)
9505	1903	352	MN	NHK: Eng nx, cmtly, 1915 Japanese (Miklejewski 12/23)
9585	2215	333	CT	NHK: Eng cmtly on China's oil (Olsson 1/6)
9595	0510	111	PA	NSB: Japanese tlk by OM (Baron 1/11), and Naylor CA @ 1625, Miller CA, in Eng @ 1534 by Cleveland CA...
11705	2352	222	TN	NHK: Eng nx (Couch 12/30), Romani MI, Yajko PA
15105	0210	322	MAN	NHK: Eng nx, cmtly (Barber 12/21)
15195	2200	333	WA	NHK: Eng IS, ID, freqs, nx (Rojewski 1/4)(Miller CA)
15300	*2345	444	IL	NHK: Eng to N. A. w/ nx (Baker 12/21)(Marti CA)
17825	0130	433	CA	NHK: Eng pgm (Miller)

(Japan Broadcasting Corporation)
UCHISAIWAI-CHO, CHIYODA-KU
TOKYO, JAPAN

JORDANHKBS=Radio Jordan

9560	1724	332	TN	HKBS: Eng mx, nx, wx, IDs to 1730* (Smith 12/15), and Snyder CA, White FL, Miller OH, and Yajko PA...
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KOREA, D. P. R.

2775	1044	232	WA	Hamhung: YL w/ Korean tlk, // 2850 (Bodell 1/10)
3560	1445	--3	CA	R. P'yongyang: Russian tlk, 1450* (Cleveland 1/8)
4700	*1000	152	TX	CYHPS: long anthem, Kor tlk, 1011* (Laves 1/1)
6250	2052	333	MAN	KCBS: Kor tlk on Kim Il Sung (Barber 12/21)(Snyder)
6335	1915	333	FRG	R. P'yongyang: Eng mx, nx, ID (Fischer 12/20)
9420	0410	444	TX	R. P'yongyang: Span tlk, ID, 0448* (Fleming 1/10), in Russ Barber MAN, in Eng Rojewski WA, Ellsworth CA
9510	1523	344	JAPAN	RP: Fren OM w/ tlk, mx, IDx, 1550* (Junqua 12/13)
9820	0630	354	CA	RP: Eng tlk, mx (Marti 12/28)
9977	1815	323	CA	RP: Eng w/ politics (Stephenson 12/14)(Ellsworth)
11534	2230	353	CT	RP: Korean mx, tlk (Olsson 12/16)(Zink CA 12/28)
15630	2300	333	IL	RP: IS, Eng w/ nx, cmtly by YL (Baker 12/18)

Korean Broadcasting System

1/10)

KOREA, REP. OF

2510	1039	343	WA	Taegu HS 1: modern instr. mx, YL Kor tlk (Bodell)
7250NF	0637	322	HI	R. Korea: Eng Listeners pgm (Trubee 12/24) HI Bill!
9640	0500	353	CA	RK: Eng review of '75 (Radtko 12/24)(Miller CA)
11850	0500	333	WI	RK: Eng cmtly (Larson 1/4)(Trubee HI)(Rojewski WA)

RADIO KUWAITKUWAIT

9545NF	1621	444	JAPAN	RK: Urdu to 1700 then Eng, ex-9555 (Junqua 1/7)
11825	1340	333	MD	RK: Arabic mx, YL ID (Wickett 1/3) new freq?, reb
11940	1730	333	NY	RK: Eng w/ nx, pop mx, IDs (Jernakoff 12/30), also Baumgartner ONT, Brooks CT, Beaudoin CT, Romani MI

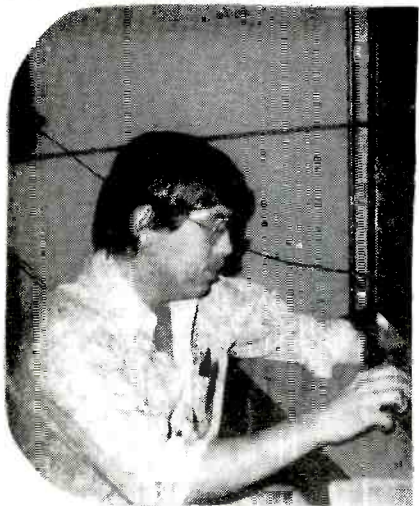
(see DATELINE on 9545)

LAOSNRBS=National Radio Broadcasting Station

6200	1340	322	MAN	NRBS: Lao political tlk (Barber 12/18) ex-Pathet Lao
7480	1325	242	OR	NRBS: Lao mx, tlk by OM, // 6130 (Bodell 1/2)

MALAYSIA

3915	1621	333	ALB	BBC Tebrau: Christmas svce (Pimblett 12/24)
4985	1315	232	OH	RM Penang (T): man w/ nx? in U/lang (Miller 1/10)



MIKE MACKEN OF WINTHROP, MASSACHUSETTS HAS BEEN CALLED THE WORLD'S MOST INACTIVE DXER. MIKE IS A FOUNDING MEMBER OF THE CLUB



BILL SHAW LIVES IN DREXEL HILL, PENNSYLVANIA WITH A DRAKE SPR-4. WITH SPEEDX FROM THE START OF THE CLUB, BILL IS A FRIEND TO ALL THAT KNOW HIM.

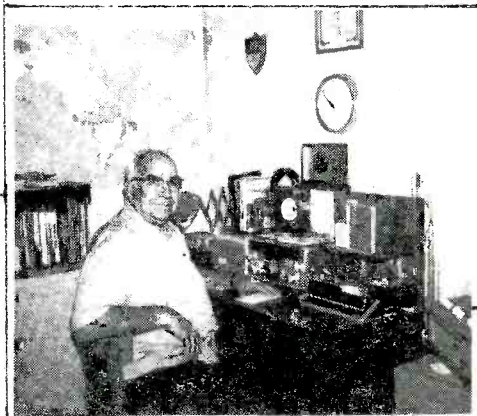
HOW ABOUT SENDING YOUR PIC TO HQS! PREFERABLY BLACK/WHITE WITH GOOD CONTRAST. PICTURES WILL BE PRINTED AS WE HAVE ENOUGH FOR A FULL PAGE, AND ROOM PERMITS IN THE BULLETIN.



RUSS MAPPIN OF SPOKANE WASHINGTON HAS A DRAKE SPR-4 FOR DXING. WITH THE CLUB FROM THE START, RUSS COLLECTS OLD SCOTT RADIOS, AS SEEN TO HIS LEFT IN THIS PIC.



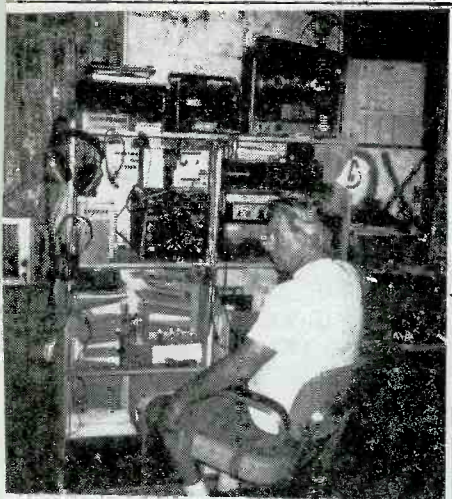
NELSON TAILLON IS A MEMBER FROM THE NORTH, LIVING IN ELK FORD, BRITISH COLUMBIA, CANADA. A 1975 ADDITION TO SPEEDX, NELSON USES THE POPULAR ALLIED SX-190 TO LISTEN TO THE WORLD.



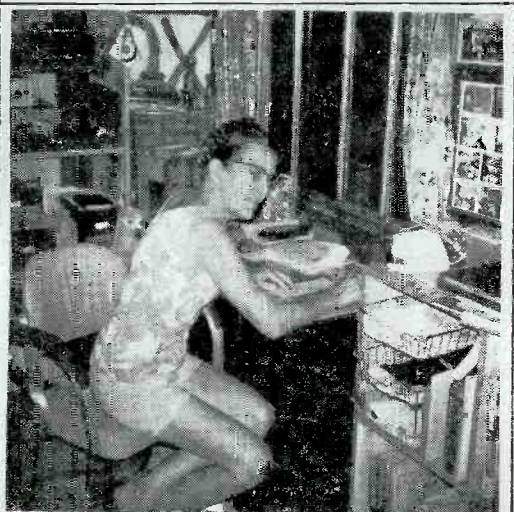
WES MULLEN DXs IN HELENA MONTANA ON HIS SX-190. WES JOINED SPEEDX EARLY IN 1974.



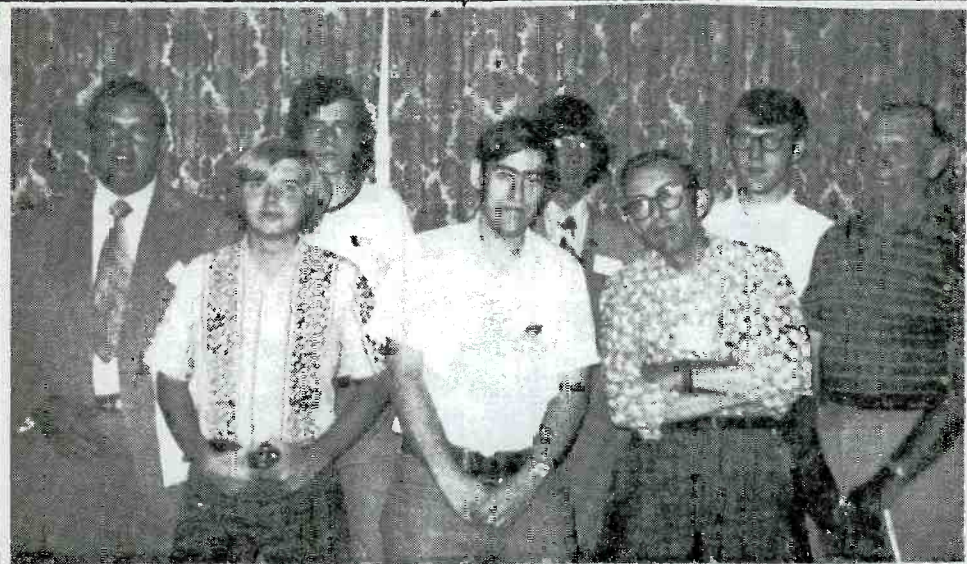
ROBERT YAJKO OF LEECHBURG, PENNSYLVANIA IS AN ACTIVE MEMBER, DXING WITH THE ALLIED DX-160. ROBERT HAS BEEN WITH SPEEDX SINCE AUGUST 1972.



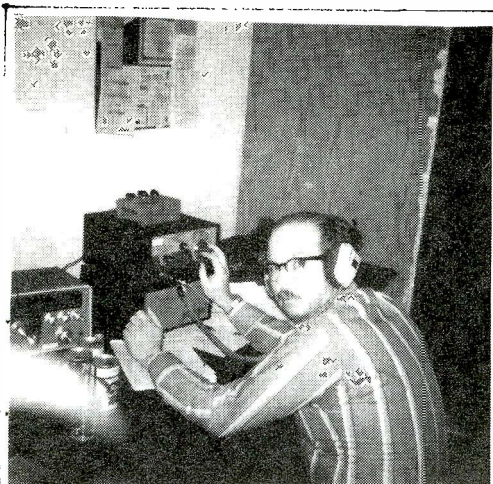
RALPH SANSEIRINO FROM HUNTINGTON BEACH, CALIFORNIA IS THE PROUD OWNER OF A R-390A. Ralph is a HQS helper, where this pic was taken.



VERA CRABLE of COEUR D'ALENE IDAHO IS A NEWER MEMBER AND USES A DRAKE SPR-4. SHE HAS THE UNIQUE DISTINCTION OF BEING THE BUSINESS MANAGER'S MOTHER.

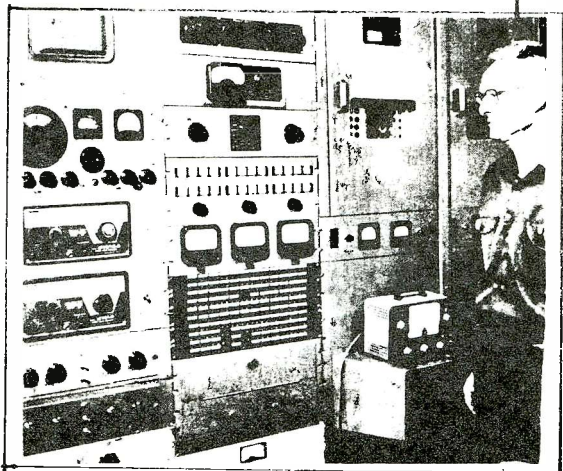
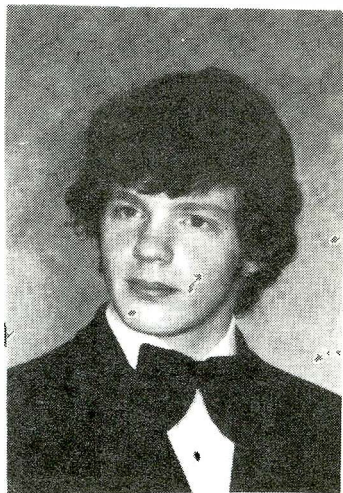


HERE ARE EIGHT SPEEDXERS IN A ROW. IN THE BACK WE SEE; STEVE D'ADOLF, BOB BUTTERFIELD, CHRIS LOBDELL, & JIM WHITHEAD. IN THE FRONT ARE; MIKE MAHONEY, PAUL MAYO, BILL FLYNN & OLIVER ELLSWORTH.



ACE DXER DAN HENDERSON OF LAUREL, MARYLAND USES THE EVER FAMOUS DRAKE SPR-4. WITH SPEEDX SINCE MARCH 1972, DAN HAS NEAR 200 COUNTRIES QSLed. THIS PIC WAS TAKEN AT A SCADS MEET ON ONE OF DAN'S MANY CROSS COUNTRY TRIPS.

TIM EAGEN LIVES IN JERMYN, PENNSYLVANIA AND DXs ON A MULTI-BAND PORTABLE. WITH SPEEDX SINCE DECEMBER 1972, TIM IS ACTIVE HELPING PUT SPEEDX ON TAPE FOR OUR BLIND MEMBERS.



CLAYTON HOWARD OF RADIO STATION HCJB'S DX PARTY LINE FAME, READS SPEEDX EVERY MONTH. TUNE IN TO CLAYTON ANY TUES/THURS/SUN(GMT) AT 0230. HERE HE IS WATCHING THE FM TXs" THAT RELAY PROGRAMS TO SW TRANSMITTERS. NOTE THE TWO SW4As ON THE LEFT.

MALAYSIA (continued)

5965	1620	222	WA	RM Kuala Lumpur: Arabic tlk, ID (Beal)(Cleveland CA)
6195	1506	--3	CA	BBC: Eng nx (Cleveland 1/9), and @ 2349 Bodell OR
9410	1602	232	CA	BBC: Eng, BBC London QRM (Naylor 12/14) unlisted, reb
9590	1344	343	CA	BBC: Eng from UK, then Burmese from Tebrau (Snyder)

MALDIVES

4740	1535	131	OR	R. Maldives (T): OM singing in Eng (Bodell 12/30)
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MONGOLIA

4947NF*	1300	333	JAPAN	Ulaanbaatar Radio: Chinese pgm @ 1300, 1400, Mongolian 1330, 1430, ISes, IDs each 1/2 hr (Junqua 1/6)
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NEPAL

3425	1830	322	MAN	RN: Nepalese mx, tlk (Barber 2/23), in Eng Cleveland
5007	0100	433	FRG	RN: Nepalese w/ mx, nx, ID (Fischer 12/28)

PAKISTAN

3200	1450	333	FRG	RP Rawalpindi: Urdu mx, nx, ID (Fischer 12/21)
3329*	1800	322	FRG	RP Peshawar: Urdu mx, ID (Fischer 12/26)(Bodell OR)
3399v	0147	333	CA	RP Islamabad: Asian vocals, ID (Bixby)(@ 1530 Bodell)
3915	1640	444	FRG	<u>Azad Kashmir R. via Hawalpindi</u> (per Gregg Calkin in Jan. Listener's Notebook in FRENEX); Urdu (Fischer)
6185NF*	1111	322	JAPAN	RP: IS, 1115 in Urdu under VOA (Junqua 12/30)
6235	2142	444	TN	RP Karachi: Eng w/ Bhuto speech (Smith 12/20) by Gunn IL, and in Arabic? by Beaudoin CT.....
7010	1820	222	OR	RP Islamabad: Eng nx, cmty, Urdu tlk (Jessen 12/23)
7290	1142	323	FL	RP Karachi: Eng tlk, cmty, ID, mx (Smith 1/3)
11885	1517	444	CA	RP: Eng annx, World nx, mx (Hardester 12/13)
17830	0230	343	JAPAN	RP Islamabad: Eng w/ slo-speed nx (Koizumi 11/30)

PHILIPPINES

6120	1435	444	CA	FEBC: Eng nx, relig tlk (Miller 11/29)
7225	1145	222	OR	FEBC: Japanese w/ relig tlk, IS (Pitts 12/26)
7275	1058	333	FL	VOA Poro: IS, Chi S/on w/ Eng ID (White 12/8)
9580	1535	433	TX	R. Filipinas (VOP): Eng tlk, ID by YL (Fleming 1/7), Zink CA, and w/ U.S. sports rpt Miller OH.....
9605	2339	333	OR	VOA Tinang: Eng ID, U/lang tlk (Bodell 1/14)
15310	0020	342	JAPAN	R. Veritas: Christmas mx in Eng, SEA lang (Koizumi)
15326*	2235	433	JAPAN	Veritas w/ Eng, Viet IDs, annx 15310 (Junqua 12/29) also in CA by Mercado.....test tx.....
15440	2345	333	PA	FEBC: Eng w/ relig tlk (Yajko 12/14)(Rojewski WA)

QATAR BROADCASTING SERVICE

9570	1332	232	OH	QBS-Doha (T): Arabic tlk by OM/YL, mx (Miller 1/10)
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SABAH

4970	1448	--2	CA	RM Kota Kinabalu: B. Malaysia nx, het (Cleveland)
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SARAWAK

4835	1530	--3	CA	RMS Kuching: B. Malaysia w/ mx (Cleveland 1/8)
4950	1430	344	TX	RMS Kuching: Eng w/ Christmas mx (Fleming)(Radtke)
5030	1440	--3	CA	RMS Kuching: Bidayuh w/ local mx, OM DJ (Cleveland)

SAUDI ARABIA

9730	2156	212	PA	BKSA: Qur'an readings (Baron 1/11)
11775	1520	242	CA	BKSA (T): Qur'an, OM w/ Arabic tlk (Snyder 1/3)

SINGAPORE

5010	1510	--2	CA	R. Singapore: Eng w/ pop mx, // 5052 (Cleveland)
5052	1440	333	NM	RS: Eng w/ cl mx, tlk (Thompson 1/3)(Radtke CA)

SRI LANKA

4940	1541	232	OR	SLBC: YL singing and chanting (Bodell 1/11) is Tent.
9720	1555	444	MA	SLBC: MOR mx, BBC nx (Macken 1/2), and Scannell MA, Stephenson CA, Fleming TX, Ellsworth CA, Beal WA...
11800	1920	333	FRG	SLBC: Eng mx, "Welcome to Sri Lanka" ID (Fischer)

OVERSEAS DEPARTMENT,
BROADCASTING CORPORATION OF CHINATAIWAN

3230	1629	333	WA	BCC: Chinese mx, YL tlk (Bodell 1/10)
6082	1132	232	CA	BCC: Chi tlk, avoiding jammer on NF (Snyder 12/26)
7130	0935	342	CA	VoFC: YL in Japanese w/ Eng lessons? (Hardester)

TAIWAN (continued)

11825	1930*	333	OR	VoFC: Taiwanese mx, ID (Pitts 1/1)(Rojewski WA)
11860	2230*	333	MAN	VoFC: Japanese w/ Chinese mx (Barber 12/21) Eng 0200
11905	*0200	333	MAN	VoFC: anthem @ S/on, 3 KW! (Barber 12/21)
15125	0155	222	MAN	VoFC: Chi tlk, mx, 0200 Eng (Barber 12/25)
15345	1900	243	CA	VoFC: Chi mx, Eng lessons (Radtke 1/2)(Thompson NM)
15370	0155	322	MAN	VoFC: Chinese music pgm (Barber 12/21)

THAILAND

9650	0920	333	CA	R. Thailand (T): OM/YL annx, instr. mx, 15 note IS ment, Thailand (Hardester 12/12)(Beal WA @ 1030)
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TURKEY

6900	0530	---	MD	Turkish Met. Station: w/ Turkish mx (Henderson 1/3)
9515	2215	322	WI	VoTurkey: Eng tlk, DX news (Larson 12/26), also by Baker IL, Scannell MA, Ellsworth CA, Thompson NM...
11:880	1428	231	MN	VOT: Rumanian w/ IS, ID (Miklejewski 12/25), and in Eng @ 2200+ Rojewski WA, Pimblett ALB, Pearson PA..

UNION OF SOVIET SOCIALIST REPUBLICS**T R T**Asian RSFSR and unknown sites

3995	1455	--4	CA	Moscow 2 via Nikolayevsk: lt mx, Mayak IS (Cleveland)
4040	1502	--4	CA	M2 via Vladivostok: OM tlk, // 3995 (Cleveland 1/8)
4125	1505	--2	CA	M2: Mayak ID, //s possible spur (Cleveland 1/8)
4485	0710	343	OR	Petro.-Kamch relay Vladivostok: Russ tlk (Jessen)
4520	1237	232	OH	Moscow via Palana? w/ piano concerto (Miller 1/2)
4739m	1559*	231	CA	Unid Russ w/ MOR mx, abrupt off (Snyder 1/4)
4795	1540	343	OR	Ulan Ude: local w/Russ cl. mx (Bodell 12/24)
4920	1232	333	JAPAN	Yakutsk (TBS): OM/YL Russ tlk, mx (Junqua 1/5)
5015	1119	454	PA	Vladivostok: mx pgm (Earhart), @ 1250 Brooker MI, 1326 Bromley ONT, 1410 Naylor, 1440 Macken MA, etc..
5910	0600	322	HI	R. Moscow: Russian nx by YL/OM (Trubee 12/24)
6020	2000	222	PA	RM: Eng news, cnty (McIntosh 12/21)
6035	1258	333	TX	RM HS 1B via Khabarovsk: Russ tlk, // 6080 (Laves)
	1830	343	OR	R. Rodina: IS, many //s (Jessen 12/29)(Pimblett)
6080	0750	343	OR	RM HS 1B via Komsomolsk: Russ mx (Jessen)(Laves TX)
6175	2000	322	PA	RM: Eng to UK, w/ nx (McIntosh 12/21) Euro site?
7135	1130	332	PA	5th pgm (relay Mayak): IS, Russ nx (Earhart 12/26)
7200	1255	332	PA	5th pgm: Mayak ID, Russ nx (Earhart 12/25)per BBCMS
7205	0620	222	HI	RM HS: Russ tlk, mx, // 7240 (Trubee 12/24)
7290	1320	332	PA	Unid: Mayak IS, Russ tlk, mx (Earhart 12/25)
7330	1313	332	PA	5th "Atlantika" pgm: mostly mx (Earhart 12/25)
7355	2230	454	NY	R. Vilnius via ? w/ Eng pgm (Jernakoff 1/3) Euro.
9730	1232	444	FL	R. Sta. Peace & Prog: Eng cnty (White 1/4)
9810A	0530	434	TX	RM HS 1B via Khabarovsk: opera mx, ID (Fleming 1/5)
11845	1300*	243	MI	Peace & Prog: Eng tlk, annx (Romani 12/29)(White FL)
11905	*1330	353	CT	Peace & Prog: Eng pgm, Chi @ 1400-1430 (Brooks 12/16)

Kazakh SSR

5035	1230	242	OH	Alma Ata: re Tashkent nx, ID (Miller 12/23)
9250	1129	343	FL	A. Ata: IS, Russ pgm, mx(White 12/18)(Yajko PA)

Uzbek SSR

6025	1207	333	TX	R. Tashkent: Eng gpm (Laves 12/14)(Jones MS 1/3)
9540	1212	343	FL	RT: Eng nx, cnty (Smith 12/5)(Miklejewski)(Famualaro)
11925	1219	344	CT	RT: Eng in // 9540 (Beaudoin 12/21)

VIETNAM

4710	1545	232	OR	Hanoi HS: Viet tlk by YL (Bodell 12/24)
6165	1030	322	WA	R. Hanoi: Viet w/ singing ID, YL tlk (Beal 1/8)
10040	*0100	211	TX	VoVietnam: march, Eng nx by YL (Fleming 1/5), and @ 1043 in Fren by White FL, 1310 Eng by Yajko PA...

YEMEN ARAB REPUBLIC

9780NF	2115	453	OH	R. Sana': Arabic and orch mx, applause (Miller 12/30)
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YEMEN, P. D. R.

7190	2159*	433	MA	DYBS-Aden: Arabic tlk, Qur'an, S/off (Macken 1/3), and Olsson CT, Famularo NJ, White FL, Bodell OR @ 1654, and Baumgartner ONT.....
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OCEANIA

AUSTRALIA

4920	1354	211	PA	ABC Brisbane: mx, Eng nx, TPs, ID, 1400* (Baron 1/10) and Macken MA, GunnIL, Beaudoin CT, Miklejewski MN..
5995	1135	333	CT	RA (Lyndhurst): Eng w/ "DXers Calling" (Beaudoin), also Romani MI, Miller CA, Pimblett // 6005, Yajko PA, Pitts OR, and Jessen OR @ 0735.....
RADIO AUSTRALIA				
6005	1350	222	MN	RA (Lyndhurst): Eng w/ 1400* (Miklejewski 12/13)
6090	1305	211	MA	ABC Sydney: Eng w/ local nx (DeVries 12/31)
7220	1037	332	MN	RA: Eng w/ 'Countdown' mx pgm (Miklejewski 12/25)
7235	1144	332	FL	RA: Indonesian tlk, nx, mx TC (Smith 12/18)
9515	*0700	343	FL	RA: IS, "Waltzing Matilda", Eng nx, mx (Smith) NF?
9540	1030*	232	MN	RA (Canarvon): Indo w/ mx, Eng ID (Miklejewski 12/21)
	1800	343	CA	RA (Shepparton): Eng w/ nx, mx (Ellsworth 1/4), and Stephenson CA, Romani MI @ 2100*.....
9560NF	1035	342	MN	RA (Canarvon): Chi tlk, ID, 1430* (Mikljewski)(Zilmer)
9570	0830	322	FL	RA: Eng w/ "Mailbag", mx, ID (Smith 12/14)
9580	*1115	322	PA	RA: Eng w/ pop mx (Hoffman 1/9), also by Gunn IL, Romani MI, Miller CA, Smith FL, and Yajko PA.....
9600	1310	443	CT	RA: Indo w/ Eng lessons, 1330 Thai (Brooks 12/23)
9610	1400	444	MI	ABC Perth: Eng w/ mx, nx, wx, 1600* (Romani 12/29), Smith FL, Yajko PA, Miller CA, and Cleveland CA....
9680	0810	443	ALB	ABC Melbourne: Eng w/ nx, spts, wx (Pimblett 12/25)
9695	0820	443	PA	RA: Indo w/ pop mx (Earhart 12/26)(Miklejewski MN)
9760	0903	444	ALB	RA: Pidgin w/ Christmas mx (Pimblett 12/25)
9770	1620	444	CA	RA: Eng mx pgm (Ellsworth 1/5)(Miller CA)
11725	1801	444	CA	RA: Eng S/on w/ annx, nx (Naylor 1/1)(Rojewski WA)
11740	0930	242	PA	RA: Indo pgm to 1000, then Eng (Earhart 12/27)
11825	0834	433	ID	RA: Eng w/ holiday greetings, mx (Crable 12/26)
11965	1640	232	TX	RA: Eng to SEA (Laves 12/29)(Yajko PA)(Miklejewski)
15160	0436	--3	CA	RA:(Lyndhurst): Eng 'Music Unlimited' (Cleveland)
15320	0100	353	CA	RA: Eng "Mailbag" & "DX" pgms (Radtke 1/5)
15425	0000	243	PA	RA: Eng w/ news (Yajko 12/15)
17795	0030	343	OR	RA: IS, into French w/ OM tlk (Jessen 12/30)

NEW CALEDONIA

3354	0830	322	MD	R. Noumea: OM in Fren, mx (Wickett 1/3), and @ 1508 w/ sporting event (Bodell WA 1/10) less FAX QRM.
7170	0628	322	ID	RN: Fren w/ ID (Crable 12/14)(Pimblett ALB)(Yajko PA)

NEW HEBRIDES

3945	0820	333	JAPAN	<u>New Hebrides Broadcasting Service</u> (per ID): Eng OM w/ island mx (Junqua 12/31), also Snyder CA, Bodell.
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NEW ZEALAND

9520	0950	333	PA	RNZ: Eng w/ pop mx (Yajko 12/27)(Pitts OR 12/29)
9585NF	*0545	333	CA	RNZ: bird call IS, ID, Eng pgm (Bixby)(Rojewski WA)
11780	1615	212	CA	RNZ: Eng mx, tlk (Stephenson 12/17), also Naylor CA, Pitts OR, and @ 0715 by Crable ID.....
15130	2300	353	CA	RNZ: Eng nx, wx (Radtke 12/24)(@ 0305 Thompson NM)

PAPUA NEW GUINEA

2340	1105	---	MD	R. W. New Britain: mx, Pidgin annx (Henderson 1/3)
2410	1030	232	WA	R. Eastern Highlands: Eng? nx, pop mx (Bodell 1/10)
2428	1032	232	WA	R. New Ireland: pop music (Bodell 1/10)
2450	1034	242	WA	R. Western Highlands: OM Pidgin tlk (Bodell 1/10)
2468	1036	232	WA	R. Northern District: pop music (Bodell 1/10)
3245	0814	222	OR	R. Gulf District: OM tlk in Eng? (Bodell 1/8)
3275	0732	---	MD	R. So. Highlands: Papua mx, earliest ever (Henderson)
3322*	0737	---	MD	R. Bougainville: native choral mx (Henderson 1/3)
3335	0729	---	MD	R. East Sepik: OM in Pidgin (Henderson 1/3)(Bodell)
3360	0823	433	OR	R. Milne Bay: religious mx (Bodell 1/8)
3385	0728	---	MD	R. East New Britain: pop mx, Eng/Pid annx (Henderson)
4890	1250	333	MA	NBC Port Moresby: Eng, w/ mx (Macken 1/2), and by Beaudoin CT, @ 0814 Crable ID, 1300* Baumgartner ONT @ 0900 Gunn IL, @ 0950 Romani MI, @ 0930 Pimblett
9520	0730	353	CA	NBC Port Moresby: Eng w/ popular songs (Radtke)

110 RUE DU MONT D'URVILLE

TAHITI

11825 & 15170	---	---	NA	Radio-Tahiti: heard in French and Tahtian w/ pop mx island mx, 1900 Eng nx by Ellsworth CA, Brooks CT, Lance AZ, Stephenson CA, Bixby CA, Baron PA, etc...
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C L A N D E S T I N E

3549v 1057 --- MD anti Fretlin (R. Dili, APODETI station) here (T), very poor w/ instrumentals & vocals (Henderson 1/3)
11830 0958 444 JAPAN VoMalayan Rev: Eng tlk by YL, 1005* (Junqua 12/11)

U N I D E N T I F I E D

3325 1205 232 CA "R. Kap-a-tuna" (ID) w/ YL and OM tlk (Hardester 1/4)
3845 1448 222 WA Unid w/ Sub Cont mx, chanting (Bodell 1/10)
10010 1328 & --- -- Oriental w/ Western & Orient. mx, YL tlk, by Wickett
2355 MD and Fleming TX....Vietnam, former Liberation R.

----- D A T E L I N E -----

first some observations monitored over Radio Australia News.....
DEMOCRATIC CAMBODIA is the official name now for Cambodia.....RA 1/5....
BRITISH SOLOMON ISLANDS was granted self-government on 1 January. Full independence is expected in 1977.....RA 1/2.....meanwhile Fiji has been asked to recognize the unilateral declaration of independence of the islands forming the northern 1/3 of NEW HEBRIDES. Independence was declared earlier this year, but was rejected by the French/English government in Vila. The movement for independence claims to have 26,000 supporters., the situation in BOUGAINVILLE concerning the separatist Republic of North Solomon Islands movement, and revenues from the Bougainville Coppermine, remains stalemated. The separatist government has announced it will hold its own elections in April. An independence movement is also currently active in New Caledonia...RA 1/19+

KUWAIT-Gib Junqua, Japan, reports that RK has returned to 9555 from 9545
AUSTRALIA-the Canarvon sked listed last month does not appear to be in effect at present. The apparent current usage sked from Glenn Hauser in his "Listener's Notebook" in NASWA's FRENDX is as follows: on 9540, 0800-1300 in Indonesian; on 9560, 1030-1300 in Mandarin, 1300-1430 in Cantonese. Both are 250 Kw. The 100 Kw. xmtr may be operational around 1 Feb. from 2100 to 0300.

now some copyright items used by permission from the BBC Monitoring Service
QATAR-QBS, Doha is on 9570 w/ 100 Kw. from 0245 to 2100, in Arabic.....
LAOS-more info on the NRBS sked. The Domestic Service in Laotian is broadcast as follows: 2230-0030 on 5160, 6130; 0030-0200 on 4245, 5160, 6130, 6200, 6210, 7310; 0400-0600 on 4245, 5160, 6130, 6200, 6210, 7310, 7480, 8630; 0900-1000 on 6130; 1000-1430 on 4245, 5160, 6130, 6200, 6210, 7310, 7480
CHINA/ALBANIA-R. Peking uses Tirana, Albania for the following relays (to be reported to the Europe/Africa section): 0001-0100 Eng on 9500; 0100-0200 Span on 9780; 0200-0300 Span on 9500; 0300-0400 Eng on 9780; 2100-2130 Hausa on 9500; 2200-2300 Port on 7310; 2300-2400 on 9500.....in addition, RP's External Service is relayed from Chinese sites as follows: 1430-1500 in Mongolian from Huhehaote on 4068, 4895, Haila'er on 3900, Donsheng (Tunsheng) on 6045; 1600-1700 Lasa on 4035, 5935, 9490, also at 1700-1800.....
IRAN-R. Iran's Domestic Service is on new 9680 (0830-1100), // 9022, 15084..
VIETNAM-Saigon's Domestic Service on new 11435, // 4877, 6165, 7245, 9620...
IRAQ-R. Baghdad's Domestic Service in Arabic is heard on 9652 instead of 9635 from 0300-1345. Also used for Ext. Svce in Swahili, 1345-1445.....
TIMOR/AUSTRALIA-according to a report from Radio Australia messages for humanitarian assistance are being monitored in Australia on 4010 and 6840 since the Indonesian invasion by the Australia East Timor Association.....

*****A/O KWICKIE KWIZ*****
Auckland, not Honolulu as some of you guessed, is the most populous city in Polynesia. Bill Cleveland had the correct answer, again! This month I'd like you to tell me which Soviet Republic is divided into two parts? (that is-another Soviet Republic separates one part of this Republic from another)

A record 63 reporters! You are all beautiful people. Thank you for your support. A special welcome to Albert Bromley, Robert Couch, Klaus Fischer in Germany, E. P. Larson, Kyle Richmond, and even Mike Macken (hoocorah!). ... welcome backs to Dan Henderson, Hirokazu Kotzumi, Bill Trubee, Bob Wickett and I'm sure there are others. Hope you all will be back again next month. Let's have even greater support for SPEEDX in this World DX Club Year '76. Thank for all your letters, holiday greetings, and suggestions. I try to answer all your letters as soon as possible, so be patient. Until next month, gud DX and N-7s in '76.....73.....1/20/76

Bob

WORLD SERVICE STATION SKEDS

PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

Editor:

MEL HICKMAN
7409 S.E. 82nd
PORTLAND, OR 97266

Deadline: 15th

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

Many thanks for the kind words concerning the Station Skeds column. Next month, I will be back to only one column and I hope to improve the information's quality and usefulness. Remember, BECMS items are copyright and used by permission of the BBC.

CURRENT ENGLISH SCHEDULES TO NORTH AMERICA

COUNTRY	STATION	TIMES (GMT)	FREQUENCIES	REPORTERS
Austria	ORF	0130-0200	6155, 9770	DuRant
		0330-0400	6155, 9770	
		0430-0500	6015	
Belgium	RTB-BRT	0040-0100	6080, 9730	Yajko, DuRant
		2215-2315	9755, 11855	
Bulgaria	R. Sofia	0000-0100	9700	Bixby
		0400-0430	9700	
China, P. R.	R. Peking	0000-0100	9940, 11675, 11945	Direct
		0100-0200	7120T, 9780T, 9940, 11945, 12055	
		0200-0300	7060, 9940, 12055	
		0300-0400	7120T, 9780T	
		0300-0500	WCNA 9460, 9940, 11650, 12055	
China, Rep. of	VOFC	1200-1300	11685	Harding, Bixby Smith
		0200-0350	5980, 7130, 11825, 11860, 15125, 15345, 15370, 17720, 17890	
Cuba	RHC	0100-0450	11725, 11930	
		0450-0600	11725	
		0330-0600	11760	
		0630-0800	9525	
		2050-2150	11960, 17750	
Czechoslovakia	R. Prague	0100-0157	5930, 7345, 9540, 9630, 9740, 11990	Bixby, Bethge Woltman
		0300-0357	Same as above.	
Ecuador	HCJB	0100-0500	6095, 9560, 11915	Yajko
		0500-0700	6095, 9560	
		1215-1230	11740	
		1230-1630	11740, 15115	
Finland	R. Finland	0300-0330	9720	Harding, Wood, Macken
		1400-1430	15110 (15185 also listed, but not always used)	
German Demo	R. RBI	0100-0145	9730	Talbot, Harding
		0230-0315	9730	
		0330-0415	5955, 6080, 9730	
		0130-0150	6010, 6075, 6100, 9565, 9745, 11865	
Germany, F. R.	DW	0530-0550	6100, 6185, 9545	Scannell
		0200-0230	Tu-Su 6000, 6115, 7220, 9833, 11910, 15220, 17710	
		0300-0350	Same as above.	
Hungary	R. Budapest	0400-0415	W, Sa Same as above.	Bernstein, Pearson, Harding
		0500-0515	5900, 5915, 5950, 7395, 7412.5	
		1200-1230	11655, 12025, 15100, 17815	
Israel	IBA	2000-2055	5900, 7395, 7412.5, 9815, 11642.5	Scannell, Levin
		0100-0120	6010, 9575	
		0130-0230	15195, 15420, 17725, 17825	
Italy	RAI	11705, 15300		Macken, Harding Woltman
		2345-0045	11705, 15300	
Japan	R. Japan	0130-0230	15195, 15420, 17725, 17825	
		2345-0045	11705, 15300	
South Africa	R. RSA	2226-2320	(9515/9525), 9585, 11900, 11970, 15155	Lance, MLH RS/SCDX
		0230-0300	6045, 9695	
Sweden	R. Sweden	1230-1300	9605, 15305, 21690	
		1400-1430	9765, 11735, 15305	
		2300-2330	6045, 6120, 9605	
		0145-0215	5965, 6135, 9725, 11715	
Switzerland	SBC	0430-0500	5965, 6135, 9725, 11715	Bernstein, Yajko, Mullen
		1315-1345	15140	
Thailand	R. Thailand	0415-0515	9650, 11905	Bixby
		0100-0115	5995, 6165, 9605	
Vatican State	Vatican R.	0100-0115	5995, 6165, 9605	Bernstein, Yajko

Your tax refund check come back yet? Before you spend it all, why don't you right out send a generous donation to HAP. You never know who will need their help next.

And now, from the Station Skeds Special Schedule Systems (otherwise known as the SSSSS), we present selected beams to N.A. in French and Spanish:

FRENCH

0020-0040	Daily	BRT-RTB	6080	DuRant
0200-0257	Daily	RCI	6020	Talbot, Thompson
0215-0230	Daily	Vatican R.	5995, 6165, 9605	Bernstein, Yajko
0230-0300	Daily	R. Sweden	6035	Winslow, DuRant, HQ
0300-0330	Daily	RHC	11760	Benjamin, Smith
0515-0530	Daily	IBA	5900, 5915, 5950, 7395, 7412.5	Scannell, Levin, Smith
1100-1115	Daily	RCI	5970, 9655	Talbot, Thompson
1215-1230	Daily	RCI	5970, 9655	Talbot, Thompson
1230-1300	Daily	IBA	11655, 12025, 15100, 17815	Scannell, Levin, Smith
1330-1400	Daily	R. Sweden	15305	Winslow, DuRant, HQ
2200-2255	Daily	IBA	5900, 7412.5, 9009, 9815	Scannell, Levin, Smith
2235-2255	Daily	BRT-RTB	9755	DuRant
2330-0000	F and Sa	BRT-RTB	6080	DuRant

SPANISH

0000-0050	Daily	RHC	6060, 9680, 9770, 11760, 11970, 15230, 15340	
0050-0200	Daily	RHC	Delete 9680 from above.	Benjamin, Smith
0130-0200	Daily	Vatican R.	5995, 6165, 9605	Bernstein, Yajko
0200-0300	Daily	RHC	9770, 11760, 11970, 15230, 15340	Benjamin, Smith
0230-0300	Daily	R. Japan	15195, 15420, 17725, 17825	Woltman
0300-0600	Daily	RHC	6060, 9565, 9770, 11970, 15230	Benjamin, Smith
1100-1645	Daily	RHC	9680, 11760, 11960, 15230, 17705, 17750	" "
1645-1830	Daily	RHC	11760, 11960, 17750	" "
1830-2050	Daily	RHC	11960, 17750	" "
2130-2250	Daily	R. Nederland	6085L, 11950L	DuRant, Talbot, Thompson
2200-2300	Daily	RHC	6060, 9680, 9770, 11760, 11970	Benjamin, Smith
2300-2400	Daily	RHC	Add 15230 to above.	Benjamin, Smith
2345-2400	M-Th	BRT-RTB	6080, 9730.	DuRant

ANDORRA: According to a SCDX reporter in France, R. Andorra has resumed transmission on 5995 with a 1100-1115 sign/on.

CANADA: RCI has replaced 9640 w/9570 for its 2000-2057 French and 2100-2157 English beams to Europe. (Wood)

ETHIOPIA: The 1715-2030 block of French, Fulfulde, Hausa, and English to West Africa is now on 11830. (Wood)

FRANCE: RFI has joined the out-of-band club for the second time with the use of 9790 // 9740 for French at 2000-2100. (Wood)

GREENLAND: DX Club Friesdorf (via SCDX) has this sked for Gronlands Radio:
 1000-1200 3999, 5980, 9575
 1200-1900 5960, 5980, 11745
 1900-0300 3999, 5980, 9575.

ITALY: RAI, which rarely adopts new frequencies, is noted on 6100 with Rumanian from 2135-2155 // 5990 and 6075. (Wood)

Three national programs are aired by RAI. They include: (all in Italian)
 1st Pgm (Daily): 0500-2230 6060, 9515
 2nd Pgm (M-Sat): 0500-1110, 1130-1330, 1400-2230 (Holidays 0500-2230) 7175
 3rd Pgm (Daily): 1600-2230 3995
 The slot from 2230-0500 is filled with Nocturne from Italy, a four language mixture of music and news on 6060. (Macken)

MALI: R. Mali, Bamako, sent this French and vernacular sked to Bruce Barons:
 Mon-Th 0600-0800, 1200-1430, 1800-0000
 Friday 0600-0000
 Sat 0600-0800, 2000-0000
 Sunday 0800-0000

Frequencies in use are 4783, 4835, 5995, 7110, 7285, 9635, 11960.

ROMANIA: R. Bucharest has two English beams to N.A. (at 0130-0230 and 0400-0430) on 5990, 6190, 9570, 9680, 11710, and 11940. (Rojewski)
 RB English to Europe at 1930-2030 has replaced 7225 with 7195 // 6150. (Wood)

PORTUGAL: Radio Liberdade, operated by the Ministry of Social Information from Lisbon, is noted in Port from 2000-2200 on 9635. The IS is a folk melody on a Port guitar. (Wood)
 Adventist World Radio has added Latvian to its sked at 2000-2015. (Wood)

SEYCHELLES: Mark Bixby forwards this sked for FEBA which, at various times, uses these frequencies - 6040, 9605, 11715, 11740, 11785, 11810, 11865, 15160, and 15325.
 English from 0630(0600 on Sat and Sun)-0830 on 19 and 25 meters and from 1530-1645 on 19 and 25 meters.

SPAIN: RTE/RNE has introduced a service for the Near East w/alternating half hours of Arabic and Spanish on 7195 and 9600. Segments in Arabic are not parallel to Maghrebi Arabic to Morocco on 6130. (Wood)

SUDAN: Omdurman noted on 11835 w/regular Arabic at 1700-2000. Also noted 2200* on 9504. (Wood)

CLANDESTINE: From Hauser via RW and through Joe Kurtz comes word of a pop music pirate calling itself "The Voice of the Zaïre National Army Fighting in Angola" on 6901 at 2300.

For those of you who wonder what happens to the skeds you send me after I extract all the information I need from them, they are being forwarded to Evelyn Turner in Aurora, Illinois who finds homes for them with handicapped SWL's. Until next and only two pages (yippee!), 73's and God Bless, **MBL**

UTILITY REPORT



EDITOR:

KEN COMPTON
7 MOUNT VERNON STREET
BRIGHTON, MA 02135

Deadline: 15th of the month

GOOD NEWS!!!! Ken Compton will return to the helm next month. Last word from him indicated he was feeling much better, but was having problems typing. So, thanks for the support and help these last two months. Send your reports to Ken from now on.

UTILITARIAN VERIFICATIONS

- ALASKA:** NOJ - USCG KODIAK, 5696, returned PFC in 11 days surface /s/ R. Lee Hendricks, RMC.
NMJ - USCG KETCHIKAN, 2670, PFC in 6 days surface /s/ J.C. Dvorak, RMC. (Chabak-GO)
KIS70 - ANCHORAGE VOLMET, 8903, letter w/full data /s/ David Gray, Jr. (Walters-NJ)
- ANGOLA:** XV - LUANDA RADIONAVAL, 6488, PFC in 17 days for IRC and Port report. (Straumanis)
- ARGENTINA:** LPL24 - GENERAL PACHEGO RADIO, ?????, f/d PFC in 1 month for IRC and SAE, Spanish report. v/s Rafael Garcez, Inspector Technico. WUDXH address used. (French - MD)
LOL - OBSERVATORIO NAVAL, 10000, folder card in 110 days for MS, Span rpt, rcvd via registered mail /s/ Superintendent. (Walters - NJ)
- AUSTRALIA:** VNG - AUSTRALIAN POST OFFICE, 12000, usual folder card in 39d for one IRC (returned) /s/ Stephen Draper. (Walters - NJ)
VIA - AUSTRALIAN NAVY, ?????, f/d letter and Navy folders in 13 days for one IRC, /s/ H. Josephs. (Beaudoin - CT)
VIT - TOWNSVILLE RADIO, 6463.5, f/d letter /s/ J. Clendinning in 1m for one IRC, QTH: Wackett Street, Pallarenda, Townsville, Queensland. (Koizumi - JAPAN)
- BELGIUM:** OST - OOSTENDE RADIO, 13067, f/d card in 50-90d for 1-2 IRC and Eng or French reports, no v/s. (Mercado - CA, Koizumi - JAPAN) 17349.5, same as above. (Holbrook - MD)
- BERMUDA:** VRT - BERMUDA RADIO, 6487, f/d C & W diamond card in 15d. (Beaudoin - CT)
- BRAZIL:** BELEM AERADIO, ?????, PFC in 18d for Eng rpt, 2 IRC, and used U.S. stamps. /s/ Josue Teixeira da Silva. QTH: Telecomunicacoes Aeronauticas S/A - TASA, Rua St^o Antonio n^o 432 S-804, Belem PA, Brazil. (French - MD)
FWZ - NCTG RIO, 17160, f/d PFC from New York address in 1m for 3 IRC. (Koizumi)
- CANADA:** CFH - CFS ELLERHOUSE, 8662, PFC in 12 days for MS, /s/ illegible. (Walters - NJ)
CHU - NARECO, 7335, Sir Sanford Fleming f/d card in 9d. (Straumanis - IL)
VAI - VANCOUVER MARINE RADIO, 6351, f/d letter in 5m for 2 IRC (1 returned) /s/ by M. Hrynyk, Shift Supervisor. (Koizumi - JAPAN)
- CHILE:** GCS - ARMADA DE CHILE, Santiago, 6481.5, PFC in 28d for Span rpt and IRC /s/ Enrique Yunis Ahnes. (Straumanis - IL)
- COSTA RICA:** TIM - LIMON RADIO, 8478, PFC via Radiografica Costarricense in San Jose in 118d for Spanish report and MS, /s/ Jefe de estacion. (Walters - NJ)
- ENGLAND:** AJE - CROUGHTON AIR BASE, 6750, PFC in 26d, 1.5 kw, /s/ Jerry J. Morey. (Chabak)
- FRANCE:** FTP-80 - PTT, 15805, no data form letter for French report and IRC (ret.). (Holbrook)
- GAMBIA:** C5B56 - BANJUL C & W, 12327, PFC and form letter in 30d for PFC, SASE, and 2 IRC, personal note said f/d is not usual policy /s/ Jan Keys (?). (French - MD)
- GERMAN DEMO REP:** DIZ - CIPE TIME SERVICE, 4525, folder card w/no verification statement in 59d for one IRC, PFC not returned. (Walters - NJ)
- GREECE:** SVA - ATHINAI RADIO, 6515.4, black and blue card w/f/d in 45d for 1 IRC. (Walters)
- GREENLAND:** OXI52 - PTT, Kook Island, 9309, form letter in 80d for one IRC. (Straumanis)
- HAWAII:** WVVH - NBS, 10000, usual card /s/ C.L. Trembath for MS, 18d. (Walters - NJ)
NMO - USCG LUAIWALEI, 6521.8, f/d letter /s/ D.C. Isaacson RMCS, pamphlet on NMO, in 17d for MS. (Straumanis - IL)
KVM70 - HONOLULU VOLMET, 8903, f/d card /s/ C.G. Amerling in 18d for MS. (Straumanis) also for 5519 with same card in 8d for MS. (Walters - NJ)
- ICELAND:** TPA - REYKJAVIK RADIO, 12175, usual multi-scene card in 20d, 2 IRC. (Snyder - CA)
- INDONESIA:** EKI - JAKARTA RADIO, 8542, letter w/freq only in 2m for one IRC and Indo report, SKED: 0000-0700 and 1130-2400, 3 kw, /s/ D.J.M. Manuputty. (Koizumi - JAPAN)
- IRELAND:** EIP - SHANNON AERADIO, 5533 and 13312, folder card in 10d for IRC's (sometimes returned). (Walters - NJ and Holbrook - MD)
- ISRAEL:** 4XO - HAIFA RADIO, 6470, f/d paper QSL in 12d for one IRC. (Beaudoin - CT)
- IVORY COAST:** TUP75 - INTELCI, 7570, French form ltr w/date only in 38d for MS and French rpt, PFC not returned, /s/ P. Kopoin, Director-General. (Walters - NJ)
- JAPAN:** JCT - CHOSI CITY RADIO, form letter and card, also returned PFC with frequency - 22386 and power - 3 kw filled in. Airmail answer for 2 IRC. (Holbrook - MD)
JOS - NAGASAKI RADIO, 8706, PFC in 2w for 2 IRC and SAE, /s/ C. Iwarhita. (French)
- MARTINIQUE:** FUF - FRENCH NAVY RADIO, ?????, returned PFC w/ltr stating, "Your letter has been received here but there will be no comment for it is a military station." 17d for English report and IRC. (Straumanis - IL)
- MAURITIUS:** GZC - ROYAL NAVY, 12988.5, small f/d white card in 5m for 2 IRC and English rpt, /s/ P.A. Bell. (Vecchiola - PA) Any relation to MA Bell?? (I couldn't resist, HI)

MOROCCO: CNL (FANFARE) - USNAVCOMSTA, 11268.5, PFC and letter w/time and date only /s/ LCDR M.D. Barker, communications officer, 53d surface. (Chabak - CO)

NETHERLANDS: PBC96 - NETHERLANDS NAVAL RADIO, 6895, form letter w/date and freq /s/ L.A.J. van Triet, in 9d for 2 IRC. (Walters - NJ)

NEW ZEALAND: ZLO - IRIRANGI NAVAL RADIO, f/d PFC showing 8598.385 and form letter showing 8597, both in 2w for 2 IRC and SAE, v/s is Carl J.N. Edwards. (French - MD)
ZLP - IRIRANGI NAVAL RADIO, 12943, same as above in 22d, 3 IRC. (Walters - NJ)

NORWAY: ROGLAND RADIO, 13980, f/d folder, photo of stn in l6d. (Beaudoin - CT)

PORTUGAL: CTP - NATO, 8551.5, f/d typed QSL on white card with NATO-IBERLANT insignia in 32d for IRC, postcard, and PFC, v/s R. Brown. (Straumanis - IL)

PUERTO RICO: (HAMPSHIRE) - COMNAVFORCARIB, PFC in 9d for 6697.5, not on PFC says Hampshire uses NAU facilities, but NAU's normal tactical call is Midway Island. (Chabak - CO)
WWA - SAN JUAN AERADIO, 5610, returned PFC. (Wirrell - MA)

SENEGAL: 6VK75 - TELESENEGAL, 5827, French form letter in 240d for French report and 2 IRC, /s/ Alassane D. Ndiaye, Director General. (Chabak - CO)

SOUTH AFRICA: ZUD - INTERNATIONAL TRANSMITTING STATION, 9290, black and white card in 31d for one IRC, card was f/d. (Vogel - PA)

SPAIN: NST - USN LONDONDERRY VIA AOK, 7705, yellow and green leprechaun card /s/ Ensign C. J. Rhoades in 33d for one IRC (returned). (Walters - NJ)

SWEDEN: SAG - GOTEBORG RADIO, 8498, yellow/blue/white map card w/f/d in 57d. (Straumanis)

TURKEY: AJO - USAF COM STA, 10768, usual USAF SWL card w/date and freq in 98d. (Walters)

U.S.A.: NMB6 - USCG TYBEE, 2182, PFC in 18 days /s/ John P. Walsh, QTH is P.O. Box 910, Savannah Beach, Georgia 31328 (not South Carolina as shown in CG Handbook). (French)
OAKLAND VOLMET, 13344, no data letter from FSS Chief John F. Elwell w/info on station, PFC not used, reply in l6d for MS. (Walters - NJ)

RASPBERRY EL TORO, 6723, PFC returned in 1w for SASE, QTH is Headquarters, USMC Air Station, El Toro (Santa Ana), California 92709. (French - MD)

RASPBERRY LEMOORE, 6723, PFC in 6d /s/ Randolph E. Mather. (Chabak - CO)

WOE - LANTANA RADIO, 12970.5, f/d form letter /s/ J.S. Ludwig in 8d. (Mercado - CA)

NMG - USCG NEW ORLEANS, 2670, ARO (W5KMT) card w/f/d in l8d for MS. (Walters - NJ)

same as above plus PFC in 32d for MS, v/s is RM3 Steve Moore. (Straumanis - IL)

NMF - USCG BOSTON, 12934.5, PFC in 34d for MS, lists 8 kw, /s/ C.L. Brodel. (Mercado)

NMH - ALEXANDRIA, 6521.8, PFC plus personal letter in lld /s/ R. Wedge. (Straumanis)

NOE - USCGAS NORTH BEND, PFC in 14d from D.M.Lamoie for 5692. (Chabak - CO)

NRB - RASPBERRY MAYPORT, 6723, PFC in 6d listing 1 kw, v/s C.E. Schumacher, RMC, Mayport, by the way, is in Florida. (Chabak - CO)

NKT - USMC CHERRY POINT, 6723, PFC in 7d /s/ Sgt. J.S. Garend(?). (Chabak - CO)

RASPBERRY POINT MUGU - (PLEAD CONTROL), 6723, PFC and letter in 46d w/24 hour operations noted for the time of reception, /s/ Frank L. Griffin. (Chabak - CO)

AFG37 - SCOTT AFB, 11233, f/d letter in 10d for SASE, /s/ Earle Smith. (Beaudoin)

WEA57 - ATT, 7485, blue/yellow Bell symbol card in 2w for MS /s/ Patricia Callan, acknowledgement only, no data. (Vecchiola - PA)

KLC - GLAVESTON RADIO, 13038, PFC in 7d for MS /s/ T.G. Calvit, Mgr. (Straumanis)

WJO - CHARLESTON MARINE OPERATOR, 2566, personal letter w/date only, PFC sent but not returned, 12d for MS, /s/ Mary M. Baker. (Walters - NJ)

WFA - TAMPA MARINE OPERATOR, 2550, PFC in 65d for MS, /s/ C.H. Burnette. (Walters)

WVV - NBS, 10000 and 15000, Indians card in 18-21d for no postage. (DeVries, Winslow)

VENEZUELA: YVTO - CAGIGAL OBSERVATORY, 6100, black/gray/white card with drawing of observatory in 25 days for MS and Spanish report, v/s illegible. (Walters - NJ)

AIRCRAFT: GULL 36, 5688, WC-130E aircraft part of 53rd Weather Recon Squadron, PFC and Hurricane Hunters News Packet in 15d, out of Keesler AFB, /s/ Henry M. Link. (Chabak - CO)

N427BN - BRANIFF FLIGHT 200, Boeing 727, 134 mhz, PFC in 2m, 25 watts. (Holbrook)

AEROMEXICO FLIGHT 432, DC8, 134 mhz, vicinity of Philadelphia, PFC, 2m. (Holbrook)

N711AS - SUBURBAN AIRLINES, 118.3, DHC6, near Washington, D.C. PFC 10d. (Holbrook)

N758 - PIEDMONT AIRLINES FLIGHT 53, Boeing 737, 134.0, PFC in 2w. (Holbrook - MD)

HK-724, AVIANCA FLIGHT 050, 134.0, over Philadelphia, PFC w/25w in 3w. (Holbrook)

SHIPS: NRUU - USCGC STORIS, WAGB 38, 5696, PFC showing location north of Fribilof Island. this by Chabak - CO who also reports PFC's from NDMA - CGC Morgenthau, NOWK - CGC Dependable, NODS - CGC Salvia, NAYS - USS Carpenter, CGC Ironwood (NRPN) at Adak, Alaska, CGC Diligence (NMUD) on a "Classified Mission", CGC Laurel (NRPY), CGC Dauntless (NDTS), CGC Reliance (NJPJ) in the "Bernuda Triangle", CGC Chase (NLPM) at Guantanamo, Cuba, CGC Hollyhock (NRXT), CGC Acushnet (NNHA), CGC Point Brower (NMEX), & USS Hayes (NRLW) a research ship off North Carolina that was helping the USCG with a rescue mission.

If you found that list impressive, you should see the verified log of Hank Holbrook that comes in every month. Hank, for instance, received a letter from the Ulysse (TUND) which was his first Ivory Coast flag verified. That made 43 different flags and 2752 ships to date. Of all of those, his best (according to him) is the Kimbla (VLNK), a Australian Navy Reasearch Vessel off Sydney that was pumping 40 watts into a 15 foot whip. Other interesting veries in lately include OYAT, the Selandia, which is the world's largest container vessel (50,000 gross tons) with the largest diesel plant ever seen - 82,500 horsepower on three engines; and a letter from Miss Eva Peterson (24 yrs) who invited him aboard the bulk carrier Himmerland (OVQV). (P.S., his wife wouldn't agree)

LOGGINGS FROM NORTH AMERICA

ALASKA:	2670	0454	ID	NOJ USCG Kodiak w/Eng wx report. (Crable)
	3123	0836	CO	NOJ USCG Kodiak working CGG Ironwood on SSB. (Chabak)
CANADA:	2182	0100	MD	VBE Sarnia, Ontario calling an unidentified ship. (French)
	5638	0855	MD	VFG Gander Aeradio working Alitalia 693 on SSB. (French)
	5652	1120	IL	VFG Gander VOLMET with airport weather. (Gunn)
	8868	0450	FL	VFG Gander VOLMET w/OM AM weather. (Crews)
	13272	1953	FL	VFG Gander VOLMET in English with OM wx. (Smith)
	14670	1900	FL	CHU NARECO with Eng/French time signals. (Crews)
GREENLAND:	14900	1930	MA	OXI68 GTO on Kook Island w/Eng TT on SSB. (Wirrell)
U.S.A.:	2514	0510	MA	WLC Rogers City Operator w/Eng wx. (Wirrell) 1120 same (Gunn)
		0523	MA	WBL Buffalo Marine Operator w/YL AM weather. (Wirrell)
		2110	MD	WMI Lorain, Ohio ending AM English wx report. (French)
	2558	0322	MA	WOX New York Marine Operator w/NTM - sinking ship. (Wirrell)
	2566	0315	MA	WOU Boston Marine Operator w/English AM trfc. (Wirrell)
	2670	0020	CA	USCG Long Beach handling USB SOS - sinking ship. (Uraguchi)
		0532	CA	USCG Astoria with AM wx forecasts. (Christian)
		0631	CO	NMW USCG Astoria working WSMA on AM. (Chabak)
	4136	1730	CA	NMQ USCG San Pedro working the Primavera on USB. (Hardester)
	4377.4	1250	MA	NGM RCA Pittsburgh with river traffic on SSB. (DeVries)
	4385A	1313	MA	WOO Ocean Gate Radio, N.J., with AM wx, then TT. (DeVries)
	4417	0243	CA	WOM ATT Ft. Lauderdale w/USB marine traffic. (Benjamin)
	4434.9	????	IL	WMI Lorain, Ohio w/AM Great Lakes weather. (Kerrigan)
	4460A	0109	MD	Bluechip 85 (Tennessee CAP) w/kg Bluechip 34, SSB. (French)
	5652	0534	FL	WSY70 New York VOLMET with airport weather on OM. (Crews)
	5692	0019	CO	NOH CGAS Chicago calling CG 1448 on SSB. (Chabak)
		0232	CO	NMK CGAS Cape May, N.J. working CG 7214. (Chabak)
		0311	CO	NOP CGAS Brooklyn with CG 1435 on SSB. (Chabak)
		0546	CO	NOW CGAS Port Angeles, Wash. with CG 1446. (Chabak)
	5696	0132	CO	NOT CGAS Traverse City, Mich w/SSB contact w/1016. (Chabak)
		0316	CO	NOY CGAS Corpus Christi with SSB traffic. (Chabak)
	5745-7	0400	WI-CA	VOA Greenville with LSB feeder in Eng. (Talbot and Benjamin)
	6723	0104	CO	Raspberry Oceana (Virginia Beach, Va.) w/trfc. (Chabak)
		0302	CO	Rasperry Jacksonville (Fl.) w/kg Oscar Quebec. (Chabak)
	8758	0303	CA	WOO Ocean Gate Radio, N.J. w/USB trfc list. (Benjamin)
	8789.7	2355	MA	WOM ATT Ft. Lauderdale w/SSB OM phone calls. (DeVries)
	8903	0105	IL	Oakland VOLMET with aviation weather. (Gunn)
	8967	0322	CA	AFG37 Scott AFB, IL. calling MAC 50262 on USB. (Benjamin)
		2330	MA	AFG37 Scott AFB, IL. c/g 70007 and AMX 286. (DeVries)
	8993	2240	MA	AFB8 McDill AFB, Fl. w/ USAF and USCG flights. (DeVries)
	10237	1950	IL	VOA Greenville w/AM English feeder, mx pgm. (Kerrigan)
	12022.5	2215	CA	KKN50 Dept of State, Washington w/CW ID marker. (Hardester)
	12952.5	2055	IL	WMH Baltimore Radio running CW V marker. (Straumanis)
	13272	1944	FL	WSY70 New York VOLMET with weather broadcast. (Smith)
	14400.4	2159	MI	VOA feeder (Dixon or Delano) w/TT, into Chinese. (Yost)

CARIBBEAN

BERMUDA:	8718.4	1750	CT	VRT Bermuda Radio with CW V marker. (Beaudoin)
	11246	????	CA	Bermuda Control (Kindley AFB (?)) w/USB trfc. (Uraguchi)
	13505	1617	MD	ZFD62 C & W with English SSB test tape. (French)
CUBA:	3126A	0331	OH	COZ67 Russian Navy with RMEW on CW. (Burton)
	5058	????	OH	COY3 Russian Navy calling RMXQ on CW. (Burton)
	7458A	0350	OH	IRTS with Eng/Spanish YL LSB voice mirror. (Dean)
	10479	2020	IL	IRTS and the Eng/Spanish ID tape on LSB. (Gunn)
Guantanamo Bay:	6890A	0115	MA	AACR with SSB OM VM. (DeVries) 0335 same (NAW17). (Chabak)
	7756.5	0330	CA	AACR USB OM TT. (Christian) Aren't abbreviations fun???
		2330	MI	AACR with test transmission in English. (Markiewicz)
JAMAICA:	5696	0725	CO	6XY Jamaican CG aboard HMJS Casway w/kg Miami on SS. (Chabak)
PUERTO RICO:	5692	0020	CO	NMR26 CGAS Puerto Rico working CG 1491 on SSB. (Chabak)
	6540	0149	MD	WNA3 San Juan Aeradio working Varig 855 on SSB. (French)
	8471	0530	CA	NMR San Juan CG w/CW QSB mkr. (Hardester) Freq per QSL.
	9278	1825	CA	NMI/NRR USN Roosevelt Roads w/CW QSB marker. (Hardester)

SOUTH AMERICA

ARGENTINA:	4434.9	0353	MD	General Pacheco Radio w/Spanish SSB marker. (French)
	8500A	2325	MA	G.P.R. (?) with OM Spanish VM on SSB. (DeVries)
	8646	0400	CA	LPD86 G.P.R. with CW marker. (Hardester)
	8726	0388(?)	MD	LSA# Buenos Aires with V mkr, then off. (French) Time??
	8757-8	0538	FL	Unid calling Nicaragua via VM on USB in Spanish. (Crews)
		0325	CA	G.P.R. with OM Spanish TT on USB. (Christian) See above.
	12709	0000	ONT	LSA5 Boca Radio with V mkr and press releases. (MacLennan)
	12988.5	2300	NM	LPD88 G.P.R. with CW V marker. (Thompson)

BRAZIL: 4297A 0325 NM PFO Olinda, Pernambuco with V mkr on CW. (Thompson)
 12979.5 0011 OH PPL Salinopolis with CQ mkr and trfc list. (Burton)
 CHILE: 8603 0630 HI CCS Armada de Chile, Santiago with V mkr. (Trubee)
 10420 0930 CA ENTEL with pgm feed, music, talk in Spanish. (Christian)
 COLOMBIA: 6386.5 0710 CA HCC Buenaventura Radio with QSB mkr on CW. (Hardester)
 8574 0438 IL HCC Buenaventura Radio running a CW CQ mkr. (Straumanis)
 URUGUAY: 10770 0236 MD CXL24 GERENCIA Montivideo, w/La senal time, SSB. (French)
 19525 2121 MD CXL3 GERENCIA Montivideo w/time signal mkr, SSB. (French)
 VENEZUELA: 6100 various USA YVTO Observatorio Cagigal time signals noted in IL by Gunn,
 in MI by Romani, and in MI (again) by Jakubiak.
 9108 0135 IL YVK CANT, Caracas, with OM SSB VM. (Gunn)
 0416 IN YVK CANT, Caracas, Spanish male TT on SSB. (Smith)

EUROPE

AZORES: 5610 0555 MA GSX Santa Maria Aeradio with air trfc on SSB. (Wirrell)
 BULGARIA: 8564 2155 CT LZ14 Bourgas Radio with "DE LZ14" mkr on CW. (Olsson)
 13078 1830 CA LZW Varna Radio with V mkr on CW. (Christian)
 DENMARK: 10240 2135 MD OXR2 GPT Skamlebaek with Danish/Eng mkr by YL. (French)
 10605 2119 MD OXR4 GPT Skamlebaek with SSB YL Danish/Eng TT. (French)
 ENGLAND: 10000 2140 MD MSF Rugby time station with CW identification. (French)
 13066.5 1510 MA CKB5 Fortishead Radio with SSB Mayday relay. (DeVries)
 FRANCE: 11033.5 1020 CA FTL3 FTS Paris with OM SSB English/French TT. (Christian)
 13072 1440 CA FFT6 Seter. w/CQ marker on CW. (Mercado)
 18730 1800 CA FTS (?) relaying ORTF pgms on LSB. (Christian) Strange!!!
 GERMAN D.R.: 9062 0257 MD DBV Konigswusterhausen with V/QRA mkr on CW. (French)
 GERMANY, R.R.: 2614 0032 MA DAJ or DAK Norddeich Radio with time signals. (Carvin)
 9890 0128 MD AEA US Army Pirmasens with OM SSB English mkr. (French)
 GREECE: 6512 2302 CT SVA3 Athinal Radio with V/QSX mkr on CW. (Beaudoin)
 ICELAND: 12175 1850 CT TFA Reykjavik Radio w/AM Eng/Icelandic TT. (Beaudoin)
 IRELAND: 5533 0545 MA EIP Shannon VOLMET weather broadcast in English. (Wirrell)
 13312 1516 CA EIP Shannon VOLMET English OM with weather. (Mercado)
 ITALY: 10135 0305 CA IRH31 ITALCABLE w/Eng/French/Span/Italian YL TT. (Christian)
 10846 2105 JAPAN IRH28 ITALCABLE running multi-lingual SSB VM. (Koizumi)
 MALTA: 4330 0120 CT GYZ Lascaris with "DE GYZ" marker on CW. (Olsson)
 NETHERLANDS: 7735 0102 MA PDL27, NPTS-PTT Kootwijk with AM OM VM. (DeVries)
 POLAND: 6459 0305 MD SPE3 Szczecin Radio with V mkr on CW. (French)
 8557 0130 CT SPE4 Szczecin Radio with CW V marker. (Olsson)
 PORTUGAL: 4257 0335 NM CTP NATO-IBERLANT, Oerlas, with "DE CTP" on CW. (Thompson)
 6389 2325 CT CTP NATO-IBERLANT, Oerlas, w/CW marker. (Beaudoin)
 SPAIN: 13065 2140 NM EAD4 Aranjuez Radio with CW CQ marker. (Thompson)
 U.S.S.R.: 7000A 0055 MA Moscow Radiotelephone with Eng YL SSB voice mirror. (DeVries)
 8635 2330 CT UJQ Kiev, Ukraine with CQ marker on CW. (Beaudoin)
 10000 1740 CT RWM Moscow time station with CW ID. (Beaudoin)
 12160A 1613 MA Moscow Radiotelephone and a Eng YL SSB test tape. (DeVries)
 13080 2145 CT UMV2 Murmansk Radio with Vmkr and traffic on CW. (Olsson)
 16944A 1332 MD UMV Murmansk Radio with a V/CQ mkr on CW. (French)

AFRICA

AFARS & ISSAS: 8682 1310 JAPAN TXZ8 Djibouti Radio with CQ on CW. (Koizumi)
 CAMEROON: 9875 0225 MD TJP99 ITC Douala with French/English YL SSB mkr. (French)
 ETHIOPIA: 10862.5 2122 JAPAN ETJ86 ETS Addis Ababa w/Eng/Amharic YL VM. (Koizumi)
 10870 2016 MD ETJ87 ETS Addis Ababa w/Eng/Amharic/French SSB TT. (French)
 LIBERIA: 7830 2240 CT KKN44 US Embassy calling KWS97 on CW. (Beaudoin)
 16293.5 2045 CA 5LF16 FCR Monrovia with English/French TT by YL. (Christian)
 MAURITIUS: 8659 0620 HI GZJ British Royal Navy with V marker on CW. (Trubee)
 13033.5 2139 CT GZV BRN with "DE GZV" marker on CW. (Olsson)
 MOROCCO: 8686 2205 CT CNP Casablanca Radio running a CQ CW marker. (Olsson)
 NIGER: 10846 2050 JAPAN 5UR8 FCR with Eng and French VM by YL. (Koizumi)
 SENEGAL: 6383 2010 CT 6VA Dakar Radio with CQ marker on continuous wave. (Beaudoin)
 SOUTH AFRICA: 6494.5 2310 CT ZRH3 Cape Naval Radio with QSX marker on CW. (Beaudoin)
 8566 1625 CA ZSJ Capetown Radio w/QSB CW marker. (Hardester)
 TUNISIA: 2182 0535 SCOT 3VT Tunis Radio calling Malta Radio in Eng. (Crawford)

ASIA

CHINA, P.R.: 8665 0615 HI XSG4 Shanghai Radio with V marker on CW. (Trubee)
 8694 0600 HI XSW Dalren with CQ on CW. (Trubee)
 12858 0715 HI XSG Shanghai with CQ marker on CW. (Trubee)
 12873 1010 HI XSG Shanghai Radio running a V marker on CW. (Trubee)
 13735 1420 CA BAA35(?) SIGS Shanghai w/Chin/Eng/French YL/OM TT. (Christian)
 HONG KONG: 7605 0950 CA ZEO33 C & W Ltd with English TT by YL on USB. (Christian)
 8619 0625 HI VR735 Cape d'Aguilar with V marker on CW. (Trubee)
 8660A 2140 JAPAN GYP British Royal Navy with CW V mkr. (Koizumi)

HONG KONG:	8903	1115	CA	Hong Kong VOLMET with OM English weather on AM. (Miller)
	12835	1020	HI	GYP British Royal Navy with V marker on CW. (Trubee)
INDONESIA:	8686	1115	CT	PKB Belawan Radio running a CQ on CW. (Olsson)
ISRAEL:	8694	0145	CT	4XO Haifa Radio with trfc list and CQ on CW. (Olsson)
JAPAN:	8547	0605	CA	JFA Matsudo Radio with CQ marker on CW. (Hardester)
	8686	0605	HI	JCT Choshi City - V mkr - CW. (Trubee)
	8903	1110	CA	JMA Tokyo VOLMET with English OM weather. (Miller)
	8989	0230	CA	AIF80 Yokota AFB w/MAC20315F on USB. (Uraguchi)
KOREA, D.P.R.:	9250A	1345	JAPAN	K.C.W.R.S. Pyongyang with English YL VM on SSB. (Koizumi)
KOREA, REP OF:	17078	2300	CA	HLP KITO Seoul (?) with CW CQ marker. (Christian)
LEBANON:	8702	1830	JAPAN	ODR Beyrouth Radio with CQ and QTC on CW. (Koizumi)
MALAYSIA:	8698	1020	CA	9MG Penang Radio with CW marker of CQ type. (Christian)
PHILIPPINES:	8738	1032	CO	AIC Clark AFB with Sky King broadcast on SSB. (Chabak)
SAUDIA ARABIA:	7898	0335	MD	HZF789 PTT Jeddah beaming an English/Arabic OM TT. (French)
SINGAPORE:	8792	0500	CA	ORTAS with SSB English test tape. (Uraguchi)
SRI LANKA:	9937	0054	MD	4Q044 OTS Colombo with English mkr by OM on SSB. (French)
	19050	0725	SCOT	4Q091 OTS Colombo this time with YL Eng/unid SSB. (Crawford)
THAILAND:	6680	1340	CA	Bangkok VOLMET with English weather by OM on AM. (Christian)
TURKEY:	6395	1945	CT	TBA2 Ankara Radio with V marker on CW. (Beaudoin)
	10766.5	0255	CA	AJO Incirlik AFB, Adana, w/Eng SSB count marker. (Christian)
U.S.S.R.	10004	2103	MD	RKM Irkutsk with time signals and CW identification. (French)

OCEANIA

AUSTRALIA:	4500	1115	USA	VNG Lyndhurst time signals reported from Gunn in IL, DeVries in MA and Svinicki in MI.
	5688	0933	CO	RAAF Canberra w/Sydney, alternate freqs 8975, 3032. (Chabak)
		0938	CO	RAAF Townsville with Sydney on SSB. (Chabak)
	8478	0620	IL	VHP Australian Navy with V marker on CW. (Straumanis)
	10017	0600	FL	VLS Sydney VOLMET with weather and ID on AM. (Crews)
	22567	0950	HI	VIP5/7 Perth Radio with V marker on CW. (Trubee)
HAWAII:	4378.8	0902	CO	NPM Lualualei (Dunkirk) with OM on AM. (Chabak)
	5519	0255	FL	KVM70 Honolulu VOLMET with OM AM WX. (Crews)
	5696	0933	CO	USCG Barber's Point working a/c 1402 on SSB. (Chabak)
	16978.4	2120	CT	KHK Honolulu Radio RCA with V marker on CW. (Olsson)
NEW ZEALAND:	8504	0434	IL	ZLB Awarua Radio with marker on CW. (Straumanis)
	8598	0635	HI-CA	ZLO RNZN Irirangi with QSX marker on CW. (Trubee-Hardester)
	8698	0610	HI	ZLP RNZN Irirangi running a V mkr on CW. (Trubee)
SAMOA, WEST:	7820	0945	CA	W.S.P.O. Eng TT // NZPO Wellington on USB. (Christian)
	10105	0930	CA	W.S.P.O. with USB trfc to Wellington. (Christian)
	17615	0300	CA	5WB (?) W.S.P.O. Apia with USB traffic. (Benjamin)
TAHITI:	19417	2050	CT	FZP94 FTS Papeete with English USB YL VM. (Olsson)
TRUST TERR.:	6985	0913	CA	Micronesian Broadcasting Commission, Saipan, w/Eng/unid rpts, news items by OM on USB. (Christian)

TACTICAL

4490A	0107	MD	Thermal wkg unid radiocheck on circuit E, SSB. (French)
5700	0502	CO	Step Ladder radiocheck with Eggnea on SSB. (Chabak)
6723	0305	CO	Yankee 4 Sierra Echo w/Oscar Quebec on SSB. (Chabak)
6761	0415	OH	Legal Fee with SAC broadcast on USB. (Wilson)
	0430	OH	Drysdale with SAC USB broadcast. (Wilson)

SPY

4307	0102	MI	Three number sets, pause, two number sets in Eng, YL (Svinicki) at 0320 four number groups by YL in Span, this noted by Gunn in IL.
4725	0510	MI	Three number groups, repeated by YL in Span. (Svinicki)
5020	0040	MA	Four number groups in German. (Scannell)
5811A	0705	WA	AM YL with five digit groups in Spanish. (Beal)
7320A	0705	WA	Five digit groups in Spanish on AM. (Beal)

AIRCRAFT IN FLIGHT

5692	0205	WA	CG 1478 calling Miami Radio on USB. (Beal)
5696	0048	WA	CG 1345 w/trfc for Elizabeth City, Tenn on LSB. (Beal)
5703	0138	CO	Air Force One (SAM 27000) w/SSB r/c with Andrews. (Chabak)
8912	0001	IL	British Caldonian Airways wkg Gander and Churchill. (Jacobson)
11233	1802	CT	KILT68 to Scott AFB on USB while over Greensboro. (Beaudoin)

UNIDENTIFIED

5484A	0815	CO	CW beacon "D", ID every 5 seconds, QRM de Miami. (Chabak)
8918A	2117	CA	J3R with CW marker - V and QSX 5/11. (Christian)
11435	0900	CA	U/lang (Asian) with count mkr by YL on USB. (Christian)
12379	0650	HI	Unid CW stn sending 4BB DA, then UAN DD, then BEE AD. (Trubee)

CHASING THE LONGER WAVES, CHAPTER TWO

We're glad to see a turn out of LW loggings following our little expose last month. To get them all in, we are forced to use a condensed format which we hope won't confuse you to much.

FREQ	TIME	CALL		FREQ	TIME	CALL	
179	various	WGU20	DCPA Chase, Mi. reported from MA, MS, NC, OH	300	1125	MS Z	USCG Aransas Pass, Tex.
					1125	MS MTT	DOC Minatitlan, Mexico
192	0530	ALB SFI	CONSOLAN San Francisco	302	0953	WA TC	MOT Ethelda, B.C.
194	1130	MS-NC TUK	CONSOLAN Nantucket, Ma		AM/PM	CA L	USCG type. (Site?????)
198	1130	MS-NC NOH	??? Swansboro, N.C.	304	0943	WA Z	USCG Columbia River L/S
201	1130	MS CZM	DOC Cozumel, Mexico		0944	WA UT	USCG Willapa Bay, Wa.
201T	0220	MA BK	MOT Baker Lake, NWT		0945	WA O	USCG C. Disappointment, W
206	1130	MS GLS	FAA Galveston, Texas		0946	WA OE	USCG Cape Blanco, Or.
212	0753	WA YM	MOT Cowley, Alberta		0947	WA W	USCG Yaquina Head, Or.
216	1130	MS GLB	FAA Carolina Bch, N.C.	305	0951	WA ONO	USCG Ontario, Oregon
218	0258	WA PR	MOT Prince Rupert, B.C.	308	0443	ALB E	MOT Edmonton, Alberta
227	0312	WA CG	MOT Castlegar, B.C.	310	1115	MS H	USCG Egmont Key, FL.
230	????	NC SHV	FAA Shreveport, La.	313.5	1050	HI MAJ	??? Majuaro, Marshall Is
	0801	WA YD	MOT Smithers, B.C.	318	1548	WA K	MOT Lennard Island, B.C.
236	1130	MS GNI	FAA Grand Isle, La.	320	0435	WA YQF	MOT Red Deer, Alberta
240	0804	WA ZT	MOT Port Hardy, B.C.	326	????	NC BKT	FAA Blackstone, Va.
245	????	NC NKT	USN Cherry Point, N.C.	329	1115	MS IA	FAA Niagra Falls, N.Y.
245A	1130	MS MBO	FAA type. (Site?????)	330A	1100	MS BQP	FAA type. (Site?????)
254	????	NC EKV	FAA Weeksville, N.C.	335	0011	MI LUK	FAA Cincinnati, Oh.
	0335	WA SPK	FAA Sparks, Nevada	338	????	NC POB	FAA Fort Bragg, N.C.
257	0341	WA LW	MOT Kelowna, B.C.		0451	ALB-WA ZU	MOT Whitecourt, Alb.
260	0353	WA CTB	FAA Cut Bank, Mont.		1100	MS MS	FAA New Orleans, La.
	0215	MA AMH	FAA Nashua, N.H.	344	????	NC DPL	FAA Kenan, N.C.
261	????	NC OAJ	FAA Jacksonville, N.C.		0010	MI CLE	FAA Cleveland, Oh.
266	0119	ALB-WA XD	MOT Edmonton, Alberta		1115	MS ZIY	??? Grand Cayman Is.
266T	1100	HI FA	FAA Fresno, California	348	1100	MS UHA	IRTS Habana, Cuba
269	0358	WA HAD	FAA Hartford, Wyoming		1100	MS THJ	FAA type. (Site?????)
270A	0825	WA LB	MOT type. (Site?????)	350	1343	WA NY	MOT Enderly, B.C.
	0826	WA MLK	FAA type. (Site?????)		????	NC RDU	FAA Durham/Raleigh, N.C.
272	1130	MS UVR	IRTS Vardere, Cuba	354A	1349	WA ZSS	MOT type. (Site?????)
	0405	WA XS	MOT Prince George, B.C.	356	0543	ALB RN	MOT Barchane, Alberta
274	????	NC AKQ	FAA Wakefield, Va.	366	0920	HI PNI	??? Ponape, Caroline Is.
275	1130	MS OLV	FAA Olive Branch, Ms.	368	1543	WA ZP	MOT Sandspit, B.C.
278A	0835	WA XSD	FAA type. (Mexican??)		2345	MI L	MOT Toronto, Ontario
282	0842	WA GWF	FAA Lancaster, Ca.	371	2356	MI ROA	FAA Roanoke, Va.
283	????	NC PTB	FAA Petersburg, Va.	373	1030	HI PQ	MOT type. (Site?????)
284	0842	WA QD	MOT The Pas, Manitoba	374	1542	WA EP	MOT Estavan Point, B.C.
	0845	WA 2U	Pvt rbn Mackenzie, B.C.	379	0500	ALB G	MOT Edmonton, Alberta
288	0902	WA D	MOT Carmanah, B.C.	382	1045	MS VKS	FAA Vicksburg, MS
	0902	WA A	MOT Amphitrite, B.C.		????	NC RD	FAA Raleigh, N.C.
	1125	MS CME	DOC Ciudad de Carmen, Mx	388	0245	ALB-WA YMM	MOT Fort McMurray, Alb.
292	0914	WA CJ	MOT Cape St. James, B.C.	391	2359	MI CMH	FAA Columbia, Oh.
293A	0910	WA CRD	FAA type. (Site?????)	392	0409	MD ML	MOT Charlevoix, Quebec
299	0941	WA TV	MOT Turner Valley, Alb.	396	1045	MS-NC ZBB	??? S. Bimini, Bahamas
			404 0534 WA HL MOT Third Lake, Alb.				
			405 1120 HI MD ??? Minami Daito, Ryukyu Is.				
			407 0837 MD SWA FAA type bcn at Swan Island.				
			411 0306 ALB-WA RM MOT Rocky Mtn. House, Alb.				
			526 0200 OH UUP MOT Ottawa, Ontario				
			530 0155 OH NB RCF North Bay, Ontario.				

This slew of reports brought to you by the following people: Len Davidonis in MA (who also reported ORE Orange, Massachusetts on 365 and RS Worcester, Massachusetts on 260), Bill Trubee in HI, Robert French in MD, Nigel Pimblett in ALB, Dennis Dean in OH, Jerome Svinicki in MI, Bill Coleman in NC, Larry Puckett in MS, and the Bodell-Hickman DXpedition to Copalis Beach, WA.

LW QSLs

Besides aircraft and ships, Hank Holbrook dabbles in LW stations and reports these verifications, all by PFC: EZ Newark, New Jersey; TVI Thomasville, Georgia; PT Pelee Island, Ontario; BGF Winchester, Tennessee; JNZ Jennings, Louisiana; BSM Austin, Texas; L Toronto, Ontario; EK Wawa, Ontario; GR Grand Island, Nebraska; BE Benton Harbor, Michigan; PTD Potsdam, New York; YTA Pembroke, Ontario; and HAE Hannibal, Missouri. Not to mention UG Waukegan, Illinois by letter.

I hope all of you find this month's Utility Section of some use. I saved some of the more recent reports for Ken next month, so send your latest DX to him. 73's and God Bless.

ML

QSL REPORTS



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

Verified countries -- 96

Deadline: 15th of month

Well! Now we know that I'm not so smart. Referring to last month's column, the poor reproduction of the Ulan Bator and R. Quito cards shows that even if I do get a good XEROX copy of your copy, it doesn't necessarily prove that it will reproduce well in the magazine. Sorry about that. Anent the Ulan Bator, Gib reports that they are coming in on 4947 from 1300-1500 GMT, with programs in Chinese at 1300 and 1400 and in Mongolian at 1330 and 1430; each segment introduced by the IS. You'll have to filter out R. Malaysia Kuching on 4950. Give 'em a try--I have. I didn't have any luck, either!

Another short month--only 46 reporters and about 240 reports and me with an extra page to fill. Looks like lots of QSL reproductions again this month. Anyway, thanks to those who contributed and a hearty welcome to the six who are contributing for the first time. Keep them coming.

Since I have a lot of space this month and a dearth (hey, that's a good word!) of reports, I'll try to answer a few questions posed by my many correspondents and save a little postage at the same time:

To Bill Pearson who received a letter and pennant from RAI, the letter thanking him for the report and stating that the QSL card was inside--only they forgot to enclose the card; what can I say, Bill, except "Welcome to the club?"

To Ralph Famularo--my records go back only to September 1972. In that time the R. Baghdad home service has been reported once--on 6155 in December, 1973; never before on 6030 so far as I know.

To Mark Bixby re the "Care" package he received from R. Sofia. No, they don't send all the stuff you mentioned to everyone. Perhaps you sent them a report of exceptional merit (we'll hope so) or, perish the thought, maybe they were just cleaning out the drawers.

To Linda DeVries--your R. Vilnius is good as gold; wish I could hear them. Add another country to your list.

To Brian Baumgartner re the QSL report form. "LANG" refers to the language of your report; "REMARKS" is just that--anything special about the report (did you use the SPEEDX form, the ARDXC Indonesian form letter, etc) or anything special about the QSL you received. Did they send a pennant, sked, magazine, slides, etc.

To Bruce Baron, Mike Hardester, and many others who commented on the 42¢ price of IRCs--a hearty "AMEN." (This is a family type magazine--I have to restrain my true thoughts). Also, Mike, if R. Peyk-e-Iran comes through with a QSL, please send me a copy posthaste.

And to the Testa's--I'm desperate. Send me more R. Australia's and R. Nederland's--any amount. And now, on with the show.

EUROPE

AUSTRIA: ORF, 6155, f/d cd "Burgenland--Schloss Esterhazy" in 28d air, no rp (DuRANT MD); 9770, f/d cd "Wien--Schloss Schönbrunn" in 36d air for no rp and rpt on ORF reception rpt form (DuRANT MD)

BELGIUM: ORU, 9735, date/fqy map cd in 105d air for 2 IRCs (ROMANI MI)

BULGARIA: R. Sofia, 9700, f/d "Ohrid University" cd in 120d sfc for 1 IRC (PEARSON PA)

CZECHOSLOVAKIA: R. Prague, 5930, f/d "Tatra Mountains" cd in 48d air for no rp (TESTA'S);

7945, f/d "Tatra Mountains" cd in 28d air, no rp (TESTA'S MA), same in 27d for 1 IRC (PEARSON PA), f/d "Thermia Palace" cd in 35d air for 2 IRCs (THOMPSON NM), f/d "Levoca" cd in 31d air, no rp (SMITH FL), f/d "Pravčice Gate" cd in 41d, no rp (SMITH FL), f/d cd of buildings in Prague, 2 mo, no rp (VOCKEROTH PA); 11990, f/d "Javorova" cd in 37d air, no rp (ROJEWSKI WA)

FINLAND: R. Finland, 15185, f/d "Autumn in Finland" cd in 11d air for no rp (QUINN NY), same in 20d air for 1 IRC (DEVRIES MA), same in 57d air for 1 IRC (BAUMGARTNER ONT)

FRANCE: R. France Internationale, 15200, f/d red/blue/green "Télédiffusion de France" cd in 2 wks air for MS (CATEY IL), same in 92d air for 2 IRCs and FF rpt (ROMANI MI); 15300, same in 37d for 2 IRCs (YAJKO PA), same in 60d for no rp (BARON PA), "Diplôme" in 30d for no rp (WILSON IL)

GERMANY (Democratic Republic): RBI, 11840, f/d "1975--International Women's Year" cd in 142d sfc for 2 IRCs (HARDING CA); 15390, f/d cd w/conversion table for dB to power to voltage, RBI DX Club written in, 72d air for no rp (BAUMGARTNER ONT)

One of the most exciting ways to travel is by wet soap.

GERMANY (Federal Republic):

Deutsche Welle, 15135, usual f/d cd in 21d air for 1 IRC, EE rpt (ROJEWSKI WA), "Four Girls" and "The Blue Fox" cds for monitor services (SCANNELL MA)

RIAS, 6005, date/fqy pc w/studio bldg, no time, sfc reply, no rp (MAYER IL)
Süddeutscher Rundfunk-Stuttgart, 6030, date/fqy large stylized "QSL" front w/GG statement on reverse (at right--sorry, the face was too light to print. bc) in 31d air for 1 IRC, EE rpt, v/s Berner (MAHONEY IN)
Südwestfunk, 7265, fqy only map and antenna cd in 43d for 2 IRCs and GG rpt (BEAUDOIN CT)

GREAT BRITAIN: BBC, 6170, usual Thames cd in 45d air for 2 IRCs, (THOMPSON NM); 9580, same in 45d sfc for no rp (SMITH FL); ltr in 30d air acknowledging monitor rpts (WILSON IL)

HOLLAND: R. Nederland, 6165, f/d cd of Madagascar Relay antennas in 17d air for 2 IRCs (YAJKO PA); 17700, f/d languages and fisherman cd in 54d sfc for 2 IRCs (HARDING CA); no fqy, "Philips Rekencentrum-Eindhoven" cd, no time, air for no rp (SCANNELL MA); ltr for monitor svcs (WILSON IL)

HUNGARY: R. Budapest, 6000, f/d purple cd w/DX and RB5WC data on back, in 45d sfc, no rp + pennant (BOWEN NS)

ITALY: RAI, 6060, f/d cd "Rachele scaccia gli idolo" fresco in 94d air for no rp, states 6060 is not Sicily (MAHONEY IN); 9575, 11810, f/d "Il Settecento Italiano" cd w/two veri statements, in 138d sfc for 2 IRCs (ROMANI MI); ltr and pennant but they forgot to put the QSL in the envelope (PEARSON PA)

MALTA: Adventist World Radio, 9755, f/d globe photo QSL in 30d air for 1 IRC (GAVARAS MN)

Deutsche Welle, 6100, f/d multi-colored circles cd in 20d air, no rp (PIMBLETT ALB), same in 36d air for 1 IRC (MACKEN MA)

MONACO: TWR, 7105, f/d b/w antenna cd in 72d sfc + pennant, no rp (MERCADO CA)

NORWAY: R. Norway, 15170, f/d cd "Briksdalen Valley on the road to Briksdalen Glacier" in 65d air, no rp, v/s J.E. Thokle (WILSON IL)

POLAND: Polish R., 7285, f/d drama, film, music, art cd in 45d air, no rp (BOWEN NS); 11815, f/d map cd "30 years of People's Poland" in 27d air, no rp (PIMBLETT ALB)

PORTUGAL: R. Portugal, 9630, f/d map cd "Comissão Regional de Turismo da Serra da Estrela-Covilhã" in 23d air, no rp (HOFFMAN PA)

ROMANIA: R. Bucharest, 9570, f/d cd w/stylized graphic logo of R. Bucharest in 89d air for no rp (MAHONEY IN)

SPAIN: RNE, 6065, date/fqy cd of transmitting stn, in 51d sfc for no rp (BROOKER MI)

SWEDEN: R. Sweden, 6035, f/d cd "50th anniversary of broadcasting in Sweden" in 58d air, no rp (DURANT MD); 9630, f/d map cd in 46d air, no rp (BEAUDOIN CT); 15305, f/d map cds in 40 and 45d air, no rp (WILSON IL)

SWITZERLAND: Int. Comm. of the Red Cross, 7210, date/fqy cd w/Red Cross logo and 2 mikes in 37d air for 2 IRCs (BOWEN NS)

SBC, 9590, f/d cd "Collegiate Church, St. Gall" in 65d sfc, no rp (SMITH FL); 11715, f/d "Carnival of Basle" cd in 66d air, no rp (LARSON WI); 15140, f/d "Carnival" cd in 18d air, no rp (WILSON IL), cd w/photo of church in 51d air, 1 IRC (BEAUDOIN CT)

Südfunk-QSL-Karte

Wir haben uns über Ihren Empfangsbericht:

vom 21. Oktober 1975

Sender Mülhacker 6030 kHz

gefreut, danken Ihnen bestens und wünschen weiterhin guten Empfang unserer Programme

Der Südfunk sendet

3x-Mittelwelle 575 kHz, 300 kW.
5. bis 10. Juli 975, 1189, 1432 und 1484 kHz
auf Kurzwelle im 49 m-Band 8970 kHz, 20 kW, und auf UKW

Der Südfunk strahlt

drei Hörfunkprogramme aus
sonntags: 5h-0'15 Uhr
montags bis freitag: 4h-36' 0'15 Uhr
samstags: 4h-1'00 Uhr

Süddeutscher Rundfunk, D-7000 Stuttgart 1, Postfach 97

Herrn
Michael P. Mahoney
426 Janney Avenue
Muncie, Indiana 47304

U.S.A.

Süddeutscher Rundfunk

D-7000 Stuttgart 1, Postfach 837
Technische Direktion

USSR:

Lithuanian SSR: R. Vilnius, 7355, f/d stylized flower cd (at right) in 37d air for no rp (ROMANI MI); 9505, same in 107d sfc for 1 IRC (DeVRIES MA)

Contributed by
David Romani

RSFSR (European): R. Moscow, 7280, 7300 (Kazan), 7440 (Moscow), 9780, 17760 (Tula), "Grand Kremlin Palace" cd in 33d (SMITH FL), "Flags of the Republics" cd in 36d (SMITH FL), "Moscow State University" cd in 37d (SMITH FL), "Sputnik Memorial" cd in 35d (MARTI CA), "Moscow's Lenin Central Stadium" cd in 36d (SMITH) R. Peace and Progress, 15210, date/time green cd with red/white stn emblem in 66d air, no rp (HOFFMAN); 15280, same in 108d sfc, no rp (WHITE FL)

Ukrainian SSR: R. Kiev, 7150, f/d cd w/emblem in 35d air for 2 IRCs (JERNAKOFF NY), f/d red/blue triangle and circles cd + pennant in 35d air for no rp (SMITH FL), same cd in 34d air for no rp (BROOKER MI) 9780, f/d cd w/drawing of two children in 38d air (MARTI CA); 12050, f/d circle design cd in 83d air for no rp (MARTI CA); 13245 (you sure about that fqy, Bill? bc), f/d boy and girl painting cd in 36d air (MILLER CA)

R. Moscow, 7115 (Ivano-Frankovsk), f/d cd w/"Lenin Central Stadium" in 31d air, no rp (SMITH TN)

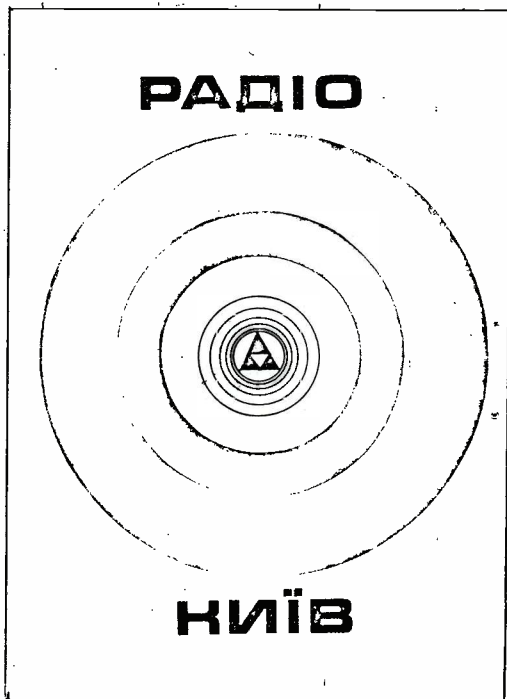
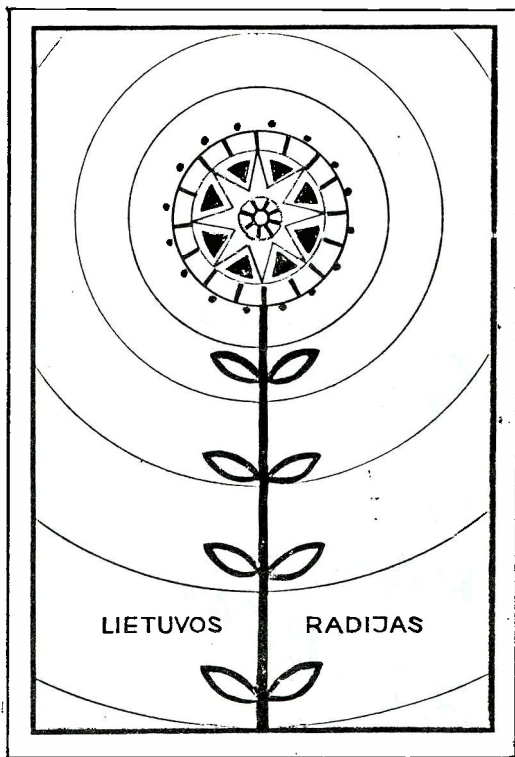
Contributed by
David Romani

VATICAN CITY STATE: Vatican R., 17900, f/d color picture of gardens outside of Vatican Radio in 34d air for no rp (SMITH FL)

Isn't it interesting how many young people who got bachelor's degrees in June are now going to graduate school to tackle head-on such subjects as economics, recession, inflation, unemployment--and all the other problems they won't have to tackle head-on because they are going to graduate school?

And then there was the baby bobcat who joined the Red Cross because he wanted to become a first aid kit.

Seniority is that time of life when you know all the answers--and nobody asks you the questions.



AFRICA

ALGERIA: R. TV Algerienne, 6145, f/d RTA logo cd in 98d for 1 IRC, Arabic rpt (BEAUDOIN CT) same in 75d for 2 IRCs and FF rpt (JERNAKOFF NY)

ASCENSION ISLAND: BBC Atlantic Relay, 9580, usual Thames cd in 16d air for 1 IRC (MARTI CA)

EGYPT: R. Cairo, 9475, f/d "river scene" cd in 163d sfc, no rp (PEARSON PA), no data cd of the Nile Hilton Hotel in 173d air for 2 IRCs (HOFFMAN PA)

ETHIOPIA: ETLF, no fgy, f/d blue/white cd in 197d sfc for 2 IRCs, v/s Eliane Mboodwan (PIMBLETT ALB)

GHANA: GBC, 9545, f/d white cd w/stn stamps in 150d air for 1 IRC (BARBER MAN)

IVORY COAST: R. Abidjan, 11920, f/d black/white map cd in 42d air for 2 IRCs (LEISTNER CA), ltr QSL in FF w/veri, thanks for rpt and apologies for being out of cds, in 24d air for 2 IRCs and FF rpt (THOMPSON NM) (Here's what it looks like, Glenn. bc)

SWL

DE

RADIO ABIDJAN

**MERCI POUR VOTRE REPORT
CONCERNANT NOTRE EMISSION**

14 - 9 - 73

A - o - b - c - d - X - Y - Z
 B - o - b - c - d - X - Y - Z
 C - o - b - c - d - X - Y - Z
 D - o - b - c - d - X - Y - Z
 E - o - b - c - d - X - Y - Z
 F - o - b - c - d - X - Y - Z

Heure GMT

o = 00 h à 06 00 h
 b = 06 00 h à 12 00 h
 c = 12 00 h à 18 00 h
 d = 18 00 h à 24 00 h
 X = FRANCAIS
 Y = VERNACULAIRE
 Z = ANGLAIS

A = 11920 Kc/s - 100 KW
 B = 7.215 kc/s - 1 KW
 C = 6.015 kc/s - 100 KW
 D = 4.940 kc/s - 25 KW
 E = 3.242 kc/s - 10 KW
 F =

Thanks for your letter which contains our transmission

LIBERIA: VOA, 15445, time/fgy JFK Center cd in 14d sfc (MAHONEY IN); 17870, time/fgy Capitol cd in 9d sfc (ROMANI MI)

MALAGASY (Republic): R. Nederland Relay, 11730, f/d "Mint Tower" cd in 15d air for no rp (BAUMGARTNER ONT), f/d curtain antenna cd in 15d air for 1 IRC (ROMANI MI)

MALI: R. Mali, 5995, f/d map/antenna/logo cd in 63d, after f/up (BARON PA)

MAURITANIA: Rdif. Nat. de Mauritanie, 4850, f/d black/yellow/green/white map and antenna cd in 25d air for 3 IRCs and FF rpt (LEISTNER CA)

MOROCCO: VOA, 7270, Capitol cd in 7d (VOCKEROTH PA)

MOZAMBIQUE: R. Clube de Mocambique, 4925, f/d cd of statue in front of RCM bldg, emblem at base covered with sticker, 194d after f/up w/new rpt, 2 IRCs, EE/PP rpt (BIXBY CA)

NIGERIA: R. Nigeria (Enugu), 6025, f/d form ltr w/info about station and region, in 24d air for 2 IRCs (Addr: Onitsha Rd, Enugu) (MAHONEY IN)
Voice of Nigeria, 11900, f/d cd, "Eko bridge in Lagos" in 56d air for 2 IRCs, EE rpt (BAUMGARTNER ONT)

RHODESIA: RBC, 3396, f/d antelope cd in 18d air for 2 IRCs (WICKETT MD)

RWANDA: Deutsche Welle Relay, 15410, f/d blue/yellow map cd in 48d air for 2 IRCs (ROJEWSKI WA); 17265, same cd in 96d air for 1 IRC (WHITE FL)

SEYCHELLES: FEBA, 15225, f/d blue/orange map cd w/logo, 21d air for 3 IRCs (MAHONEY IN)

SOMALIA: R. Mogadishu, 9585, f/d form ltr in 16d for 2 IRCs (JERNAKOFF NY), same in 34d for 2 IRCs (MACKEN MA), same in 65d for 1 IRC (BARBER MAN), same in 65d for MS (GAVARAS)

SOUTH AFRICA: RSA, 7270, 9585, 11900, 11970, 15155, f/d cds in 18-35d air for no rp, 17-28d for 1-2 IRCs. "Nyala Ram" (BROOKER MI)(THOMPSON NM), "Dusk on the Veldt" (WILSON IL), "Rhinos" (MAHONEY IN), "Beach blooms at Blouberg" (DuRANT MD)(WILSON IL), "Johannesburg at night" (WILSON IL), "Sable Antelope" (SMITH FL)(MARTI CA)(WILSON IL) (THOMPSON NM)(ROMANI MI), "DX Corner Special QSL" ltr (DuRANT MD), aerogram ltr (WILSON)

TUNISIA: Rdif. TV Tunisienne, 11970, "Sunset on Mosque" cd in 11d air for 2 IRCs, EE rpt (JERNAKOFF NY)

ASIA

CHINA (People's Republic): R. Peking, 7120, date/fgy "On Patrol" folder cd in 21d air (BERGER TX); 9780, f/d cd "Festival Rejoicings" in 18d (SMITH FL); 9940, "On Patrol" cd in 16d (MARTI CA); 11675, date/fgy "Yenan" cd in 40d (BROOKER MI); 11945, "On Patrol" cd (no time) (SMITH FL), "Festival Rejoicings" cd in 21d (ROMANI MI); 15060, "On Patrol" cd

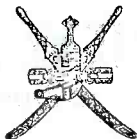
CHINA (continued): in 53d for 3 IRCs (MILLER CA)
CYPRUS: BBC, East Med. Relay, 6180, usual cd w/East Med. Relay typed in, 29d (BEAUDOIN CT)
INDIA: ATR, 17705, f/d cd w/painting of government blds, 134d air, 2 IRCs (THOMPSON NM)
IRAN: Voice of Iran, 9022, f/d color photo cd of Abadan TV bldg in 31d air for 2 IRCs (THOMPSON NM)
IRAQ: R. Baghdad, 6030, usual f/d map cd for HS rpt in EE, in 29d, no rp (FAMULARO NJ); 9745, map cd in 20d air for 1 IRC (SANN NJ), f/d "Soldiers Monument" cd in 37d air for 1 IRC (BROOKS CT)
ISRAEL: IBA, 5900, f/d "Western Wall" cd in 34d air, no rp (CLEVELAND CA); 7395, f/d Jerusalem view cd in 44d air, no rp (SMITH FL)
JAPAN: FEN, 3910, f/d blue/white mike cd in 18d for MS (HARDESTER CA); 15260, same in 12d no rp (ROJEWSKI WA)
 R. Japan, 5990, date/fqy "Kamakura" cd in 11d, no rp (MILLER CA), same in 16d (MAHONEY IN), 9505, date/fqy "Tachibina Dolls" cd in 14d, no rp (MARTI CA), same, 8d (BROOKER MI), same in 15d (DURANT MD); 15105, "Kamakura" cd in 12d (QUINN NY), "Tachibina" cd in 12d air (HARDING CA), same in 15d (THOMPSON NM); 15195, "Tachibina" cd in 12d (MILLER CA)
MALAYSIA: BBC Far Eastern Relay, 9740, usual Thames cd in 23d, 1 IRC (WHITE FL)
 R. Malaysia, 9665, f/d folder cd in 109d air for 2 IRCs (PIMBLETT ALB)
NEPAL: R. Nepal, 5000, f/d white cd in 750d air for 3 IRCs and MS, v/s K. B. Kahtry (GAVARAS MN) (Guess I can still hope--mine is only 13 months overdue. bc)
OMAN (Sultanate): OBC, 11890, ltr (below) with date, time, and meter band, in 92d air for MS and EE rpt, v/s H. Huidy (?) (BROOKS CT)

Sultanate of Oman

Ministry of Information & Culture

P. O. Box 600
 Cable: Information
 Telex MB 265
 MUSCAT

سلطنة عمان



سلطنة عمان

وزارة الاعلام والثقافة

ص. ب. ٦٠٠
 برفقاً : الاعلام - التلكس ام بي ٢٦٥

Ref :

الاشارة :

Date :

التاريخ :

Allen H. Tabor
 74 Nassauborough Road
 Caledale, Connecticut 06370
 U.S.A.

Dear sir,

Your reception report on our Short Wave test transmission in the 25 meter band on 26th August, 1975 between 14:05 & 14:11 hrs GMT is verified to be correct and we thank you very much for sending the report.

Yours Faithfully

H. Huidy
 Technical Director

PAKISTAN: R. Pakistan, 11885, no data "Mausoleum/beach scene" cd in 17d air for 2 IRCs, EE rpt to Karachi address (HARDESTER CA); 15520, time/fqy "Shalimar Gardens" cd in 52d for MS (not used) (BROOKER MI)
PHILIPPINES: VOP, 9580, Christmas cd in 7d for 2 IRCs (MILLER CA)
 VOA Relay, 15220, date/fqy Kennedy Center cd in 224d sfc for MS (returned) (DURANT MD) (If you'd stayed in Thailand, Hank, you would have had it in half the time. bc)

RHODES: VOA Relay, 7205, time/fqy "Capitol" cd in 9d (MAHONEY IN), same in 11d (WHITE FL)
RYUKYU ISLANDS: VOA Relay, 7165, "Capitol" cd in 9d (WHITE FL)
TURKEY: V. of Turkey, 11880, f/d cd "Keloglan fighting dragon" in 50d air for 2 IRCs (ROJEWSKI WA)
UZBEK SSR: R. Tashkent, 15460, f/d "Christmas type" cd in 97d, no rp (BEAUDOIN CT)
VIETNAM (Democratic Republic): V. of Vietnam, 15012, f/d ltr in 121d (HARDING CA)

OCEANIA

AUSTRALIA: R. Australia (f/d cds, v/s Peter Homfray), 5995, 6005, 9580, 15140, 15320, 17740, 17295. 31d air for 2 IRCs, 80223d sfc for no rp. "San Michele Sheep Station" (BOWEN NS)(BROOKER MI), "Primrose Orchid" (BROOKER MI)(TESTA MA)(WILSON IL), "Kookaburra Bird" (BROOKER MI)(WILSON IL)(HARDING CA), "Nocturnal Sugar Glider" (BOWEN NS), "Aboriginal Cave Painting" (BOWEN NS)(MAYER IL), "Grevillea Flower" (HARDING CA), "Historical Park" (MAYER IL), "Stanley Chasm" (WILSON IL), 11 cds, no desc. (MILLER CA), aerogram ltr (WILSON IL)
ABC Brisbane, 4920, f/d blue/black map cds (2) in 15d air for 1 and 2 IRCs (BEAUDOIN CT)
ABC Melbourne, 6150, f/d ABC map cd in 63d air for 1 IRC (DeVRIES MA); 9680, same in 25d air for 1 IRC (MAHONEY IN)
ABC Perth, 9610, f/d map cd in 54d air for 1 IRC (BEAUDOIN CT)
NEW CALEDONIA: R. Noumea, 7170, date/time map cd in 179d air (29d after f/up) for MS and FF rpt (WHITE FL)
NEW ZEALAND: R. New Zealand, 9540, f/d color photo cd of hot springs, 38d air for 2 IRCs (ROMANI MI); 15130, same in 36d for 2 IRCs (will be on "mailbag" 2/1/76)(THOMPSON NM)

RADIO NEW ZEALAND
SHORT WAVE DIVISION OF THE NEW ZEALAND BROADCASTING CORPORATION



BROADCASTING HOUSE
BOWEN STREET
WELLINGTON
NEW ZEALAND

CABLE : NATBROADCAST

PAPUA NEW GUINEA: NBC, 4890, f/d form ltr in 22d air for 1 IRC (BERGER TX); 9520, same in 60d sfc for 2 IRCs (CATEY IL), same in 128d for 2 IRCs (ROJEWSKI WA). v/s C. Ketsimur

S. AMERICA

BRAZIL: R. Aparecida, 9635, f/d cd w/view of stn bldgs, in 16d air for EE rpt and no rp (YAJKO PA). v/s Jose Carlos Ribeiro.
R. Bandeirantes, 11925, EE ltr w/stn info + pc of downtown Sao Paulo, 4 wks air for EE rpt and 2 IRCs, v/s Samir Razak (JERNAKOFF NY)
R. Nacional de Brasilia, 11780, f/d pale green map cd in 37d air for no rp and EE rpt (ROMANI MI)
COLOMBIA: R. Cordobesa, 2440, no data ltr in 15d air for MS and SS rpt. Ltr contained veri and excuse of xmtr problems (2440 = 2 x 1220 kHz); v/s Elias S. Berrocal Guerra, Dir. (MAHONEY IN)
VENEZUELA: R. Tropical, 4870, date only personal ltr in SS + pennant in 54d air for EE/SS rpt and MS, v/s Angelo Grasso, Presidente (BIXBY CA)
ECUADOR: (sorry folks--how could I forget HCJB). HCJB (f/d cds, v/s Sam Rowley or Herbert Jacobson), 6095, 9560, 9745, 11740, 11915, 15115, 15300, 15435. In 29-54d air for no rp, 26-29d air for MS or 1 IRC, 35d air for 2 IRCs. "Mt. Cotopaxi" (DuRANT MD), "Sangay-Lava Flow" (DuRANT MD), "Mt. Chimborazo" (VOCKEROTH PA)(DuRANT MD), "El Altar" (DuRANT MD), "Bird and fish" (SMITH FL), "Window of the Andes" (YAJKO PA), "Woodcarving in Ecuador #2" (SCANNELL MA), "Woodcarving in Ecuador #3" (SCANNELL MA), "Woodcarving in Ecuador #4" (FAMULARO NJ)(BEAUDOIN CT)(BROOKER MI)(YAJKO PA)(MARTI CA)(ROMANI MI)(SMITH FL)
Snap judgement has a way of becoming unfastened.

RADIO CHORTIS Y ESCUELAS RADIOFONICAS
JOCOTAN - CHIQUIMULA
GUATEMALA C.A.

Estimado amigo radioaficionado: Mr. JACK R. JONES

Con mucho gusto hemos recibido su reporte del 16 de Octubre

de 1975, y nos alegramos de que nuestra emisora tenga oyentes tan
lejanos.

Su reporte corresponde SI NO a la programación en la hora
y fecha señalada por usted.

Aquí tenemos los datos técnicos de nuestra emisora y su programación
habitual.

RAZON SOCIAL: Radio Chortis y Escuelas Radiofónicas
DIRECCION: Centro Social, Jocotán, Chiquimula, Guatemala C.A.
TIPO DE ESTACION: Cultural y de alfabetización
DISTINTIVO: T G C H
POSICION GEOGRAFICA: Lat. 14° 49' 18" Long. 89° 23' 30"
FRECUENCIA: 3380 kcs.
POTENCIA AUTORIZADA: 1 KW.
MARCA Y TIPO DE TRANSMISOR: Collins 20 V - 3
TIPO DE ANTENA: Dipolo de media onda, horizontal, altura física de 21 metros

PROGRAMACION: Hora de Guatemala

0500 Amanecer en el campo: Música popular con ayisos y saludos
0600 Escuela para todos: Programa educativo de cultura general
0630 Discoteca instrumental: Música instrumental con consejos para las mujeres
0700 Cierre de la primera transmisión
1530 Alegrías de marimba: Música nacional con consejos de educación
1600 Escuelas Radiofónicas: Programa de alfabetización
1800 Atardecer Campesino: Música popular con avisos y saludos
1900 Lectura bíblica
1905 Fiesta en el rancho: Música de marimba orquesta
1930 Musicalizando: Música variada
2000 Nocturnal: Música romántica latinoamericana
2030 Orgullo de raza: Música clásica nacional de marimba
2100 Cierre de la transmisión.

Esperamos haberle proporcionado todos los detalles que necesitaba
y deseándole muchos éxitos en su escucha de nuestra emisora, nos despedimos de
Usted como sus amigos y servidores


Juan María Xhrouet
Director Ejecutivo de Radio Chortis.

N. AMERICA

BELIZE: R. Belize, 3300, fgy only map cd in 20d air for 3 IRCs, v/s J. Roberts (CAVARAS MN)
CANADA: CBC Northern Svc, 9625, f/d "Polar bear" cd in 37d sfc, no rp (BERGER TX), same in
69d sfc, no rp (SCANNELL MA)
DOMINICAN REPUBLIC: R. Mil, 4930, f/d large yellow cd w/logo; states fgy is 4940 (but we
know differently, don't we. bc), in 14d air for MS and SS rpt (MAHONEY IN)

GUATEMALA: R. Maya de Barillas, 3325, f/d Aztec Warrior cd in 69d air for 2 IRCs and SS rpt, v/s Lorán W. Veith Jr (THOMPSON NM)
 R. Chortis, 3380, date only ltr of confirmation w/stn data and sked--pennant printed on back of ltr, 69d air for 2 IRCs, EE rpt (see previous page)(JONES MS)
 R. Cultural, 5955, Quetzal bird cd in 3 wks air for 2 IRCs, EE rpt (JERNAKOFF NY)
HONDURAS: LV Evangelica, 4820, date only cd w/picture of C. America, 30d air for no rp, v/s Saguilark (SCANNELL MA), date only map cd in 22id sfc for 2 IRCs, EE rpt (BERGER TX)
 R. Swan, 6185, date only blue swan cd, 32d air for 4 IRCs and EE/SS rpt (GAVARAS MN), ltr w/R. Swan info + press cd in 56d air for 2 IRCs, EE rpt (JERNAKOFF NY)
 R. Suyapa, 6125, f/d white cd w/logo of broom w/a face made up like a woman, 12d air for MS and SS rpt, v/s Francisco Ellortegui I., Gerente (MAHONEY IN)


Thanks to
 • Michael
 Mahoney

H.R.O.

CONFIRMACION DE RECEPCION
 RECEPTION REPORT

FRECUENCIAS FREQUENCY	KILOCICLOS K H Z	HORA: CENTROAMERICANA
	6 125	ONDA CORTA
	1 250	ONDA LARGA
	88.9	FREC. MODULADA

Estimado Amigo:
 Su recepción es correcta.
 ;MUCHAS GRACIAS!



MEXICO: R. Mexico, 9705, f/d veri ltr w/stn data, 253d air for 1 IRC and SS rpt, v/s Ing. Manuel Cerrillo L. (MERCADO CA), same in 29d for SS rpt, no rp (FAMULARO NJ)
NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d "Fisherman" cds in 11 and 13d, no rp (TESTA MA) and in 25d (DuRANT MD), antenna cds in 17 and 20d, no rp (TESTA MA), ltr in 28d acknowledging HAP bcast (WILSON IL); 9715, f/d Madagascar relay stn cd in 10d air for 1 IRC (MARTI CA), same, no time (SMITH FL)
 TWR, 11815, f/d black/white xmtr cd + pennant in 2 wks for 1 IRC (VOCKEROTH PA); 15255, same in 7d for 3 IRCs (DuRANT MD)
TURK AND CAICOS ISLANDS: VS18, 4788, fqy only form ltr in 358d sfc, no rp (SMITH FL)
UNITED STATES: AFRTS, 6030, f/d logo cd in 12d (MARTI CA); 6110, same in 4 wks (VOCKEROTH) KGEI, 5980, f/d "Golden Gate and cable car" cd in 38d for 2 IRCs (JERNAKOFF NY)
 United Nations, 6055, f/d blue/white UN cd in 16d sfc, no rp (QUINN NY)
 VOA, 15225, f/d "Capitol" cd in 6d (VOCKEROTH PA); 5995, JFK Center cd, 7d (MARTI CA)
 WINB, 11775, Christmas music cd in 7d air, v/s Rev. J. M. Norris (DOLYAK FL)

Whoops! My friendly representative of the US Postoffice just dropped off a "CARE" pkg similar to that described by Mark Bixby. Since my last report to R. Sofia wasn't that good (or recent) I assume they are cleaning out the files.



Ken Earhart came thru with the correct translation of last month's sign in Japanese "Steep downgrades--trucks use lower gears" written by a very good friend (and cook!) Mrs. Akemi Walker. Try this one through the courtesy of a SPEEDXer, who shall remain nameless until next month. Ken, you should have received your pen by the time this issue reaches you.

Vieni virziena iela

My thanks to Glenn Thompson and Alan Brooks who supplied information on the shigra mentioned in last months HCJB QSLs. The shigra is a utility bag made from a type of jungle hemp similar in texture to the cabuya cactus which is dried and rolled by hand into long, string-like thread. Four wooden needles are used to engineer the making of the shigra and to tie the dozens of tiny knots that vary in number according to the size of the bag. The weight of the shigra's contents--yucca, fruits, vegetables, meat, or personal items--is borne by the handle that in turn is slung across the forehead like a knapsack. The shigra is an indispensable household item for Ecuador's jungle Indian, be he Quichua or Jivaro, child or adult, and accompanies him to market and to work." So now you all know about it. Sorry Alan, I thought the picture was too dark for reproduction. Who will supply next month's educational item?

73's, B.11 1/17/76

Tips and Topics

The Feature Section of SPEEDX

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

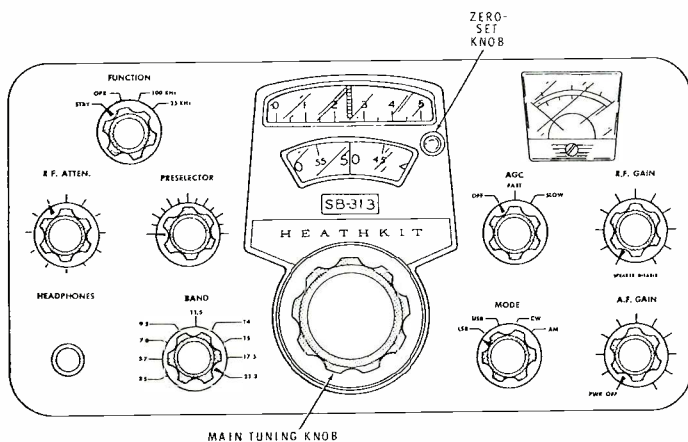
HEATHKIT MODEL SB-313 COMMUNICATIONS RECEIVER

By Bart Beal

The look of the Heathkit Model SB-313 solid-state communications receiver is professional, and it's performance nearly so, but the cost is hundreds of dollars cheaper when you can build it yourself.

If you can solder to printed circuit boards or build solid-state electronic kits, you can build this receiver. However, as simple as that may seem, obviously, it is not for the inexperienced.

The SB-313 covers 9 bands from 3.5 to 21.8 MHz, each in segments of 50 kHz. Thus it offers the SWL and DX'er reception of the major international bands, amateur radio plus additional coverage of transmissions outside these bands. (See the band switch in the pictorial below)



This receiver weighs in at 18 lbs. and measures 8 in. high, by 12½ in. wide by 14 in. deep. The price of the kit is \$389.95. The price includes an integrated circuit crystal calibrator that provides markers every 100 kHz or 25 kHz and a 50 kHz AM filter. An external matching speaker is available for \$22.95. Also optional a CW crystal and SSB crystal priced at \$22.95 and \$39.95 respectively.

SPECIFICATIONS:

Sensitivity: Less than 0.5 μ V for 10 dB S+N/N ratio SSB.
Selectivity: AM: 5.0 kHz at 6 dB down.
Image rejection: 60 dB or better.
Dial accuracy: Electrical: within 400 Hz after calibration.
Audio output power: 4 watts.

NOTE: Those interested in further technical details of the SB-313 receiver may purchase the manual for \$2.00 from Heath Co., Benton Harbor, Michigan 49022. (Refundable if purchased)

FEATURES: The SB-313 receiver is of double conversion design, all solid-state circuitry which includes nineteen silicon transistors, four of which are MOS FET's. There are eleven oscillator crystals and one integrated circuit.

Not shown on the front panel controls, above; the T-notch circuit which is automatically set by the band switch. The RF Gain control contains a push-pull speaker disable switch. This enables headphones to remain connected, forever, if you like.

Important to all DX'ers is stable and accurate tuning. This is assured with the LMO (Linear Master Oscillator) which is preassembled and pre-aligned at the factory. The large easy-to-read vernier dial is calibrated for frequency readout in 1 kHz increments, which along with the built-in crystal calibrator makes it, as a Ham friend says: "too easy."

Another important feature is the RF Attenuator that allows adjustment of sensitivity for optimum signal handling. This will prevent overload of the receiver by strong signals.

On the rear apron are phono jacks (RCA) for the antenna, speaker, muting and one unused jack. The power line connection is also located here. (See also additions below)

ADDITIONS: Here are some tips to help increase your enjoyment of the SB-313 receiver:

1. Purchase the optional SSB filter. It's purpose is to improve reception of Amateurs and Utes on SSB, which it does, but it also serves as an AM filter when wired through the AM detector. Use the CW switch on the mode switch. Turning the dial down in frequency with the CW switched in is especially helpful in bypassing adjacent nets on the fringe of the tuned frequency, and in addition slice off QRN and QRM in some instances like a sharp knife.
2. Add the following output jacks (RCA phono) to the rear panel:
 - A. Tape output - wire directly to the AM detector.
 - B. DC voltage output - We used 12 volts. This depends on what you have on hand, or plan for the future. It is handy for portable radios, converters or other projects.
 - C. AGC output - For that converter you may like to build.
 - D. Calibrator output - For that second receiver, or the one you didn't sell when you bought the SB-313.
3. During this period of the low sun spot cycle when during prime listening time the lower bands become more crowded, some consideration might be given to experimentation in the speaker area. Aside from antenna wire, this is the cheapest place to experiment. (If you mess it up, you can throw it out or correct it and nothing much has been lost.)

Consider first either building or buying a small HI-Fi speaker cabinet with a 5 to 8 inch, 8 ohm speaker. (Do not use an acoustic suspension speaker - although the 4 watt receiver will drive some of the cheaper ones.) Add a tone control, this will help with high frequency noise and generally improve listening to music.

A better solution is to use a HI-Fi amplifier. (With the HI-Fi speaker, of course.) Adjustment of the tone controls can reduce the high frequency hisses and static characteristic of solid-state devices. (Down with the treble, up with the bass.) Adjusting the bass control can help clear up polar flutter and even lower annoying ignition interference and other bothersome noises. (Radio Shack has a small amplifier ideal for this purpose, as well as some small low-priced speaker systems.) One side of your stereo system can also be used, or both sides connected together, but don't blow your low priced speaker with a high powered unit.

NOTE: If, like me, you are capable of wielding a soldering gun and following directions, but find a schematic a maze of criss-crossed lines and meaningless symbols, better get some help with the additions mentioned above - I did.

CONCLUSION: From a technical standpoint the Heathkit SB-313 Communications Receiver is a highly sophisticated radio set and is an excellent buy in kit form. It offers a quality that cannot be purchased at the price in a factory built unit. (I have not tried the new Drake SSR-1, but I doubt it can perform with the Heath. Our Technical Editor, John Kolb

can probably answer that.) Assembly is not easy, but if the clear, step-by-step instructions and drawings are carefully followed, the modular switch and printed circuit boards will present no problem to a moderately experienced constructionist.

The features that should appeal to the SWL and DX'er are the excellent stability, selectivity and tuning accuracy, and the knowledge he (or she) can set the dial to the station's frequency and, given proper propagation conditions and a good antenna, he will get the station - and what's more, he can turn off the receiver and come back tomorrow and turn it on and still be on frequency! Not to mention (Note DX-160 and SW-717 owners) no images!

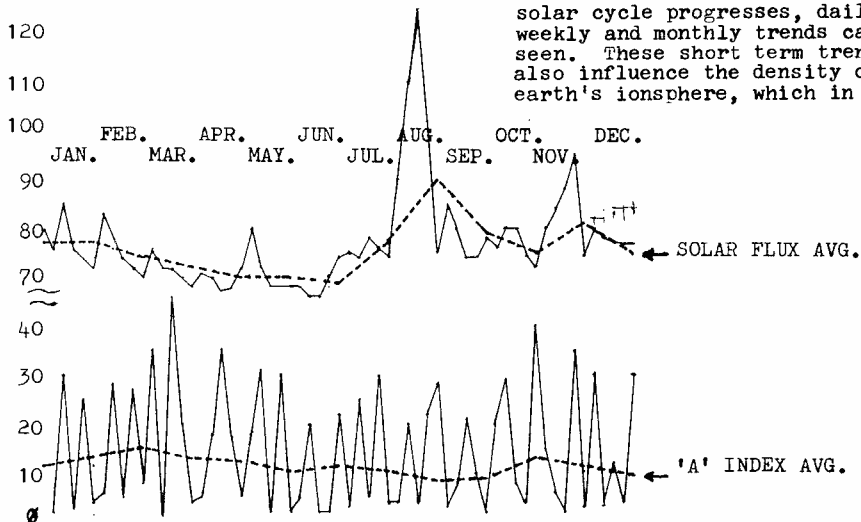
A BRIEF REVIEW OF SOLAR AND GEOMAGNETIC CONDITIONS DURING 1975

By Doug Snyder

Since May of 1974, I have been charting the daily Solar Flux and 'A' Index readings broadcast by WWV and WWVH at 18 minutes past the hour (WWVH at 45 minutes past the hour.) I have condensed the data for 1975 into the chart shown below, the upper chart showing the Solar Flux and the Lower, the 'A' Index readings. With the space remaining, I will try to explain what the charts show and how the readings are derived.

The Solar Flux readings, which are obtained at an observatory near Ottawa, show the overall level of solar activity. The flux readings are in common with the sunspot number, but are considered more objective and are more readily available than the SS number. Although the major variation in

solar flux occurs as the 11 year solar cycle progresses, daily, weekly and monthly trends can be seen. These short term trends also influence the density of the earth's ionosphere, which in



turn affect shortwave communication. As flux increases, conditions on the higher frequencies, (15 MHz, etc.) are likely to improve while conditions on the lower bands, (5 MHz etc.) are likely to get worse. This is due to increased absorption, most noticeable at lower frequencies. The Solar Flux readings have a range from about 60 to 400 units, and as can be seen from the chart, we are very near the minimum of the solar cycle, and can expect very low readings for quite some time. During this quiet period of the cycle, a recurring 27 day solar event (27 is average; may vary 2 or 3 days either way) occurs that causes the earth's magnetic field to become disturbed due to the increased electro-magnetic radiation received from the sun. (The average rotation time of the Sun is 27 days) During 1975, although the expected magnetic disturbances occurred about every 27 days, there was not one severe magnetic storm or solar flare during the entire year. The maximum that the solar flux reached was 125 in early August

and the maximum that the 'A' Index reached was 45 in mid-March. This indeed indicates a very quiet year for the Sun. During the latter half of 1974, there were at least two major solar flares in which the flux peaked at 132 and 145 and at the same time, the 'A' Index climbed to 114 and 54.

The lower chart, showing the 'A' Index, shows the variation of the earth's magnetic field during the same period of time. The range of values for the index are 0 to 400. In general, it might be expected that for quiet through mildly unsettled conditions ('A' of 0 to 15), radio propagation will remain in the quiet category and for unsettled to slightly disturbed geomagnetic conditions ('A' of 15 to 30) radio conditions may be expected to be unsettled; for moderately disturbed conditions ('A' of 30 to 40), radio quality should be rather poor. For indices of 100 or greater, communications is likely to be impossible, at least for portions of the day. It should be emphasized that these estimates are for high latitude circuits, but on certain days, when conditions are poor, say for Europe and Asia, conditions for South America and/or the Pacific might be outstanding. It should be noted that in June, the average Solar Flux was 69, the only time during this cycle that it dropped below 70. This just might indicate that the cycle has bottomed out and will start to increase slowly. Time will tell.

THE BELGIAN RADIO AND TELEVISION

By Mark Baker

The first shortwave transmitter in Belgium went into operation in 1943 carrying a program called "The Voice of Free Belgium" transmitting from Leopoldville. When the war ended, T.V.O.F.B. was replaced by O.T.C. and thus the overseas service of Radio Belgium came into existence. In 1946, a new program for "Belgians living throughout the world" was introduced by the O.T.C. In 1948, a special program was introduced for Belgian Sailors giving shipping news, news bulletins, and messages to and from families of men at sea. In 1949, special broadcasts for missionaries were introduced giving news, family messages, and special features on matters concerning the church. In August of 1952, the service was transferred from Leopoldville to Brussels and O.T.C. was replaced by O.R.U. using three transmitters--two of 100 kw and one of 20 kw. In 1966, a transcription service was created to provide programs recorded in Brussels for foreign stations to second the work of Belgian cultural and information services abroad.

Today O.R.U. is transmitted from two 250 kw and 2 100 kw transmitters in 9 languages: French, Dutch, English, Spanish, Portuguese, and 4 African languages. A transcription service provides some 16,000 programs. The identification signal used by Belgian Radio and Television consists of a 20 note melody played on an xylophone. B.R.T. happily verifies all correct reports with a QSL and reads all letters over the air and in turn, sends the listener a copy of the script in which his, or her letter was read.

This month is an anniversary. It was exactly two years ago this very month, February 1974, that I became editor of this column. I have truly enjoyed editing T & T. I have had a chance to hear from many members and by editing many articles, I have learned a great deal more about the hobby. Let me thank all who have contributed to this column these last two years and all who will contribute in the future.

I have tried to acknowledge all articles sent to me recently; however, it has been very difficult because I had a great deal of work last term in college. This term my work load will be lighter; therefore, I will try to acknowledge all articles and answer all questions sent to me. If you want a quick reply from me, please enclose a SASE. After all, sending a letter is no longer inexpensive and those dimes and nickels do add up.

I would like to ask once again if anyone is interested in becoming an assistant editor for this column. You must live within the NY metropolitan area and must be able to type clearly. If interested contact me at my above address. I remain, Best Wishes & 73's, *Arthur* Arthur

FEBRUARY CONTRIBUTORS LIST

2 MIKE AGNER	NJ...SX-110	1 LEISTNER, LOU & E	GA....SPR-4
3 BAKER, MARK	IL..HQ-129X	4 MACKIN, MIKE	MA....SX-100
4 BARBER, LANGE	CAN...SX-190	1 Mac LENNAN, KEN	CAN.....??
5 BARON, BRUCE	PA.....R4C	1 MAHONEY, MIKE	IN..AR-88DM
4 BAUMGARTNER, BRIAN	CAN...SX-160	1 MARKIEWICZ, JOE	MI...HQ-180
4 BEAL, BART	WA....SB-313	3 MARTI, WALTER	CA...DX-160
4 BEAUDOIN, BOB	CT...R-388	1 MAYER, ALAN	IL....SPR-4
2 BERGER, JEFF	TX...DX-160	3 Mc INTOSH, RANDY	PA....SPR-4
2 BETHGE, JANE	MO...SW-717	1 Me LEOD, JERRY	OR...HA-600
5 BIXBY, MARK	CA...HA-225	3 MERCADO, MARJO	CA.....R4
4 BODELI, BOB	OR....SPR-4	3 MIKLEJEWSKI, STAN	MN..D-7000Y
2 BOWEN, PETER	CAN..EDY-750	3 MILLER, AL	OH...HR0-500
1 BROMLEY, ALBERT	CAN....SPR-4	4 MILLER, BILL	CA..YORK-21
5 BROOKER, JIM	MI....SPR-4	3 NAYLOR, SPENCE	CA...HQ-180
4 BROOKS, AL	CT..DX-150A	2 OLSSON, ERIC	CT....SPR-4
1 BUTTERFIELD, BOB	MA...HQ-100	5 PEARSON, BILL	PA...DX-160
1 CARVIN, NEIL	MA....S-107	5 PIMBLETT, NIGEL	CAN..DX-150A
1 CATEY, BOB	IL...SX-133	3 PITTS, STEVE	OR....SW-4A
2 CAWTHORNE, CEDRIC	UK...GR-100	1 PUCKRIT, LARRY	MS.....R4B
1 CHABAK, MICHAEL	CO..DX-150B	3 QUINN, THOMAS JR.	NY...DX-160
1 CHRISTIAN, TOM	CA...R-530	2 RADTKE, GARI	CA....SPR-4
4 CLEVELAND, BILL	CA....SPR-4	1 REDMAN, RON	IL...P-1660
1 COLEMAN, BILL	NC.....??	2 RICHMOND, KYIE	CT...A-2508
1 COMPTON, KEN	MA..DX-150A	5 ROJEWSKI, DON	WA...DX-160
3 COUCH, BOB	TN...SX-101	4 ROMANI, DAVE	MI....SPR-4
3 CRABLE, VERA	ID....SPR-4	3 SANN, BONNIE	NJ...DX-160
1 CRAWFORD, WM.	UK...TR-6002	5 SCANNELL, MARK	MA...SW-717
4 DEVRIES, LINDA	MA...DX-160	1 SCOTT, LLOYD	FL..FRR-502
2 DOLYAK, EVELYN	FL...SCR-30	2 SMITH, DAVY	AL....S-85
1 DURANT, HENRY	MD....SPR-4	2 SMITH, NEIL	IN....GR-54
2 EAGEN, TIM	PA...HQ-180	5 SMITH, TOM	FL...XCR-30
3 EARHART, KEN.	PA...SX-190	2 SMITH, WADE	MA...SX-190
1 EDWARDS, SIDNEY	AUST...R2227R	3 SMITH, WOODY	TN..TRANS-0
3 ELLSWORTH, OLIVER	CA...SX-190	3 SNYDER, DOUG	CA....SPR-4
4 FAMILARO, RALPH	NJ...XCR-30	2 SPARKS, BILL	CA.....R4B
3 FISCHER, KIAUS	GERM..GRUNDIG	3 STEPHENSON, NORMAN	CA....SPR-4
3 FLEMING, LEON	TX...SX-62A	2 STRAUMANIS, ANDRIS	IL...SW-717
1 FRENCH, BOB	MD....S-108	1 SVINICKI, JEROME	MI....SPR-4
1 GAVARAS, TOM	MN...HQ-180	1 TANNENHAUD, LEON	NY.NORMEADE
1 GREEN, DALE	UT.....??	1 TESTA, FRANK & KAY	MA...DX-150
4 GUNN, PAUL	IL..HQ-180A	4 THOMPSON, GLENN	NM..HQ-145A
5 HARDESTER, MIKE	CA....SPR-4	2 TRUBEE, BILL	HI....SPR-4
2 HARDING, BARRY	CA..DX-150A	2 TROCHIMCZYK, J.	DC...XCR-30
2 HENDERSON, DAN	MD....SPR-4	1 VILARO, NARCISO	PR..GRF5100
4 HICKMAN, MEL	OR...A-2515	1 VOCKEROTH, JOHN	PA...SX-190
4 HOFMAN, CHARLES	PA...DX-160	1 VOGEL, WENDELL	PA...SX-122
1 HOLBROOK, HANK	MD...SP-600	1 WALTERS, JOHN	NJ...R-1530
1 JACOBSON, JOE	IL....SPR-4	1 WARREN, RONALD	CA.....R4B
1 JAKUBIAK, DAVID	MI..TRANS-0	4 WHITE, JOHN	FL....SPR-4
*6 JERNAKOFF, PETER	NY...SB-313	4 WICKETT, BOB	MD...S-120
1 JESSEN, WILBUR	OR...R-530	1 WILSON, DAVE	OH...SCOTT
3 JONES, JACK	MS..DX-150A	1 WILSON, BOB	IL...XCR-30
2 JUNQUA, GIB	JAPAN.....R4C	1 WIRRELL, BOB	MA...SX-110
1 KAUFMAN, MALCOLM	NY...SW-4A	1 WOOD, RICHARD DR.	NY..R-390-A
2 KELLY, CHRIS	WI...GR-54	3 WOITMAN, FRANK	WI...DX-160
2 KOIZUMI, H.	JAPAN...9R59DS	5 YAJKO, BOB	PA....SPR-4
1 KUMMER, MARVIN	KY..D-7000Y	1 YOST, SCOTT	MI...FT-101
2 LANGE, KEN	AZ...SX-190	2 ZEIGLER, GARY	MI...XCR-30
5 LARSON, EDWARD	VI...SX-130	3 ZILMER, BOB	WI....SPR-4
2 LAVES, ALAN	TX..DX-150A	2 ZIMAROWSKI, MARK	MA...DX-150
2 LEVIN, JAY	NJ...DX-160	2 ZINK, GEORGE	CA....SPR-4

* An extra point for Pete, missed last month. A hearty welcome to 11 first time reporters, they are as follows: Bromley, Ont; Carvin, MA; Christian, CA; Coleman, NC; Couch, TN; Edwards, Australia; McLeod, OR; Puckett, MS; Sann, NJ; Smith Neil, IN; and Dr. Trochimczyk, DC. A good turn out of 122 reporters. This includes our silent founder member Mike Macken. Where have you been Mike, we have missed you. Now if we can coax a few more of you guys out there we can start another page of contributors. Happy St. Valentine's day; Ollie

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