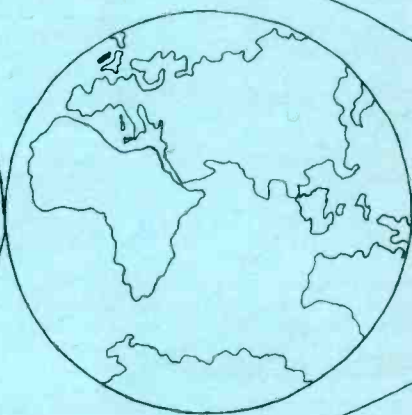
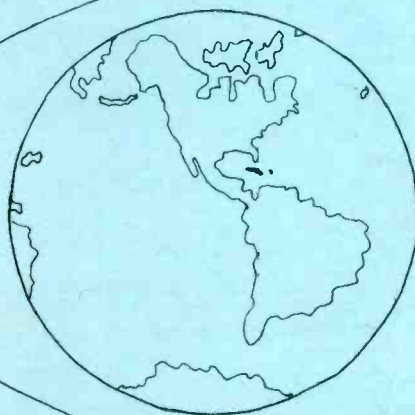


SPEEDX

the dx radio magazine for active shortwave listeners

WORLD DX



CLUB YEAR

AWB

JUNE 1976

Vol. VI No. VI



KEYNOTES



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

CONGRATULATIONS TO 7 NEW FULL MEMBERS

GEORGE BRICK HUDSON, MA	CARL MILLER SII VER LAKE, WA	LEON FLEMING SWEETWATER, TX	STEPHEN PITTS SALEM, OR
JAMES GEBHARDT DES MOINES, IA	JACK SOMERS LOS ANGELES, CA	RONNIE SANN ENGLEWOOD CLIFFS, NJ	

Certificates of Full Membership and a copy of the SPEEDX Constitution are being mailed concurrently herewith to each of the above new members.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

TAKAHIKO ISHIHARA JAPAN	DANIEL SHEPARD FRESH MEADOWS, NY	DAN McCOLL STEVENS POINT, WI
ARNOLD LAUSEVICH MILWAUKEE, WI	RANDOLPH MACRIS RICHMOND, MO	JEAN DEBERNY MIAMI BEACH, FL
CAREY WILLIAMS DE RIDDER, LA	ALLAN DAVIS LOUISVILLE, KY	MICHIYUKI KATO JAPAN
JULIAN ODHNER HUNTINGTON, PA	GERALD LOVELL ONT, CANADA	BENTON OWSLEY VENTURA, CA
GUNNAR OLSSON SWEDEN	GEORGE SYKORA ONT, CANADA	JACK ABNEY GREENWOOD, SC
DICK JACOBSON OWOSSO, MI	THOMAS CZAJA MILWAUKEE, WI	JAMES LAMB FRANKTON, IN
ALLAN STUART BOSTON, MA	STEVE VARGO MARLTON, NJ	DENNIS WEST MT. VIEW, CA

We are so glad to have you aboard, hope we hear from you often by your support of the various columns/sections. We welcome the return of Donna Boyer, Wichita, KS and Michael Stine, Suitland, MD. We missed you.

SPEEDX EDITORIAL CHANGES

Due to an increasing hectic work schedule, Mel Hickman, Editor of Station Skeds, has reluctantly asked to be relieved as a staff editor for the present time. Mel, we will miss you, and look forward to when you may return.

Larry Talbot will be filling Mel's spot beginning with the July issue. All items for Station Skeds, effective immediately are to be sent to Larry Talbot, N84 W15119 Knoll Terrace, Menomonee Falls WI. 53051. Welcome aboard Larry. Let's make Larry's first endeavor easy by flooding him with material.

John Kolb, our Technical Editor also has asked to be relieved as our T & T editor. Fortunately we have not lost John entirely. He will be around for his expert advice, and will be writing articles for SPEEDX.

Ralph Sanserino, the DXers friend will be writing that column beginning with the July issue. SPEEDX is very fortunate to have a man as well qualified as Ralph to fill John's shoes. Beginning immediately, all your tech. questions and technical items are to be mailed to Ralph Sanserino, c/o SPEEDX Headquarters, P.O. Box E, Elsinore, CA. 92530. Ralph, we welcome you to your new assignment.

Thanks John and Mel for an excellent job you have been doing for SPEEDX.

BY FREQUENCY LIST

SPEEDX loggings by frequencies as announced in the March issue, was an experimental project, however by popular demand, the By-Frequency List for April, May and June has been prepared, and is available for a double stamped SASE. (legal size #10 envelope, affix 24¢ in stamps) 4 IRCs outside of the USA. Please order from Doug Snyder, 3130 Woodmont Dr. San Jose, Calif. 95118. Do not order from Headquarters.

ANARC CONVENTION 1976

lest we forget, the ANARC Convention will be held on July 23 through July 25, at the Holiday Inn, 9901 South La Cienega Blvd, Los Angeles, Calif. Close to the Los Angeles International Airport. Registration fee is \$14.50 which includes a buffet banquet. The banquet will be held Saturday evening. Make your check payable to "1976 ANARC" and mail to: P.O. Box E, Elsinore, Calif. I certainly hope to see you there.

PARTRIDGE ELECTRONICS

SPEEDXERS interested in information on Partridge products as mentioned in our Features Section, pages 53 & 54 of the May issue, should write direct to Partridge Electronics, Broadstairs, Kent, England CT10 LLD, and NOT to Bill Paschke. Bill informs us he is no longer able to supply up to date information, as his flyers are out of date.

WDX NUMBERS

The address for WDX numbers as mentioned in the April issue of SPEEDX, has been changed. For information on WDX (call) numbers write to: Hank Bennett, P. O. Box 3333, Cherry Hill, NJ. 08034. DXers like these numbers.

RADIO NEW ZEALAND

Bad news has been received that Radio New Zealand has dropped it's short-wave external service due to government cutbacks. Let's hope service is resumed after world wide inflation has been controlled.

EUROPEAN DX COUNCIL

EDXC has informed us their address has been changed to: European DX Council P.O. Box 25 03 25, D - 4630 Bochum 1, Fed. Rep. Germany. EDXC is the European conter-part of our ANARC.

HELLENIC RADIO LISTENERS CLUB

The address of this club is P.O. Box 2169, Kentpiko, Athens, Greece. They formed a year ago to promote the DX hobby in Greece, and establish good relations world wide. Their SW magazine is in English & a few pages in Greek. Two IRCs will get you detailed information.

ITEMS FOR SALE

Crystal Calibrators. Markers every 1000, 100 & 10 kHz. Excellent for the DX-150 series or similar receivers with a BFO. For information, contact Ralph Sanserino, 8422 Crane Circle, Huntington Beach, Calif. 92646.

Autex Q-Box with capacitors for AM operation, trading up to QF-1. \$6.00 postpaid surface mail.

ITU List V. List of Ship Stations, 13th edition January 1973, with supplements. \$7.00 postpaid surface mail.

Contact William Trubee, Box 1323, Kealahakua, HI. for either the Q-Box or the ITU list.

Drake SPR-4, 23 crystals, mod for 2.4 kHz selectivity. AVC on/off switch, calibrator, noise blanker. Mint condition, just checked by factory. Price \$575.00 Will ship via UPS insured.

Contact Ralph Sanserino, 8422 Crane Circle, Huntington Beach, CA 92646.

SON OF

DX MONTAGE

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

INTEREST IN SPEEDX IS NOT PURELY OCCIDENTAL: Among the items that have arrived at SPEEDX Headquarters in recent months has been a copy of a beautiful Japanese journal called BCL. The book was sent by member Kouji Yamada, a contributor to the publication. While written almost exclusively in Japanese it is very interesting to note what a smaller country like Japan has to offer its radio listening hobbyist. This quality publication features excellent production with a multitude of pictures...many of which are in color.. and reviews of receivers available...among additional very attractive and, no doubt, informative sections re radio broadcast enjoyment. Printed on page 251 in the portion reviewing DX clubs of the world....and reproduced with this item...is a section extolling the virtues of SPEEDX. In rough translation the item reads as follows:

"...SPEEDX club was established in 1971. The club publishes a very interesting monthly news magazine of 48 pages minimum and if the amount of news demands it expands to 54 pages. Content is excellent, 22 pages of country-based BCL reports, vericard news, technical matter, Handicapped Aid Program news, and out-of-band utilities. It is printed beautifully and easy to read. Its beauty is perhaps the top of the class. Chairman is Don Johnson. Rate is \$14 sea mail and \$23 air mail. Part of the subscription is used to subsidize the subscriptions of handicapped DXers. Sample copies are available for \$1 or 6 IRCs..."

Notice how "Don Johnson" seems to come out the same in any language?

A LOOK AT THE NEW STUDIOS OF RADIC HAVANA CUBA?

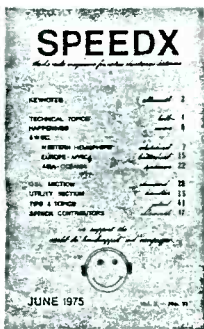
COME IN HENRY KISSINGER. OVER!



1. スピーデックス

● (SPEEDX,P.O. Box E, Elsinore ,California 92330. USA.)

1971年に創立した新鮮で内容豊富な会報を発行しているすばらしいクラブです。私はこのクラブの会員ですが、毎月会報が届くたびにそれを手にして、あまりにもニュースが多く載っているので、徹夜して読んでいます。最出で48ページ、多いときは



64ページで編集されています。
 * ページ数が最高というだけでなく、内容としても最高で、
 * 日本のあらゆるBCLへお勧めしたいものです。日本のBCLクラブで一冊だけとり寄せ、クラブ員全員で回覧して欲しいものです。
 * 会報のはじめからページの順を追って内容を見ますと、
 * まずクラブ本部からのお知らせ、ついで技術的話題と身体障害者運動のページがあり、いよいよDXニュースです。
 * ニュースは大陸別になっていて、それをさらに国別に分けています。21ページに渡って1局が1行または2行に圧縮されてとりあげられ、おびただしい数のレポートがぎっしりと掲載されています。さらにペリカード情報、放送バンド外の公益無線局情報、BCLの読物と続きます。印刷はとて美しく、見やすいものです。
 * 印刷のきれいはこの会報がトップでしょう。
 * 珍しいペリカードの写真も載っています。「スピーデックス」は豪華なBCL専門誌といってもおかしくありません。会長はMr. Don Johnsonです。この人は現在のアメリカでヤングを代表するベテランBCLです。
 * 会費は1年間送料共で、船便4ドル、航空便23ドルです。カリフォルニア州と日本間には船便でも早く到着しますから、14ドルでフレッシュなBCLニュースを1年間楽しめます。
 * 見本誌はIRC6枚で送ってくれます。
 * 身体障害者援助運動を常時行なっている社会的にも認められている、ますます発展するはずの優秀なクラブです。



DX MONTAGE

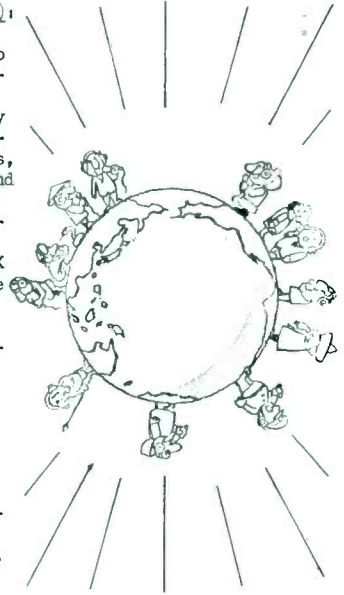
RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

WORLD DX CLUB YEAR 1976 (or "Fat Yourself On The Bulletin"):

The idea of a concerted world-wide effort to gain greater recognition and support for DX clubs and DXing has come to be called World DX Club Year 1976.....Of course, we realize that DX clubs are fundamental to the hobby. We can do little but echo the statement of ANARC Executive Secretary Dave Browne who reminded everyone that access to well-managed DX clubs is of common interest to shortwave listeners, international broadcasters, and receiver manufacturers...and that the purpose of World DX Club Year is to promote this hobby, to gain new friends for DXing, and to help established DX clubs and individual DXers to join closer together for the benefit of all. The ideals, just as during World DX Friendship Year 1973, must be practiced in order to achieve a desirable effect. The ideals, just as during World DX Friendship Year 1973, will suffer from malpractice on the part of some overzealous members. We worry that such special designation may become the literary crowbar by which an enthusiastic DXer tries to pry that elusive QSL from a station...perhaps getting his desired trophy at the price of goodwill gone aglimmer. For example, we were aghast at the quest for a Lebanese verification proudly delineated in the QSL column of another organization...in which the successful collector traced his multiple harassment of the folks in strife-torn Beirut where it is entirely possible that the person sending the card was more concerned with whether or not he would still be alive on the morrow. After all, a QSL is a courtesy extended to the reporter by the station and DXers should not regard it as a right...



NEW ENGLAND REGIONAL NEWSLETTER:

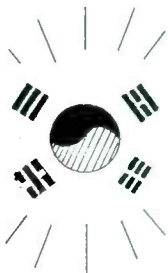
For those shortwave DXers in the New England states seeking an informal newsletter of DX tips from other near-by hobbyists contact: NEDS NEWS, Henry J. Michalenka, 14 Brook Street, Central Falls, RI, 02863...cost to the subscriber is an SASE per edition...



M.A.D.-MEN COMMITTED FOR OBSERVATION AGAIN:

Risking life and limb, the Metro Area DXers gathered in New York City on 9 May....15 in number...and set the stage for the first DX lasagna battle, as host Chris Hansen served up the Italian dare. No doubt comparisons with other similar offerings at other hobby gatherings are inevitable. There were lively discussions on other topics too...

YOU'RE NOT LIKELY TO HEAR IT ON RADIO KOREA, BUT... long-haired males have been given one month to get their hair cut in a campaign against what the South Korean government considers a decadent foreign fashion. Officialdom also claims short hair will help reunify the two Koreas. Those who fail to conform to the prescribed short hair style by 15 June face arrest and compulsory shearing. Should they resist the government haircut, they could be jailed for as long as 29 days, according to a recent Associated Press release. The crackdown is part of the "new community movement" designed to foster diligence, self-help, and co-operation as the way to achieve an affluent society. This in turn is supposed to help bring about a peaceful reunification of divided Korea and end an alleged threat from the Communist north. Though the connection between short hair and reunification escapes many citizens, the barbers are delighted. There was no speculation as to the future of classical music aired over the KBS...

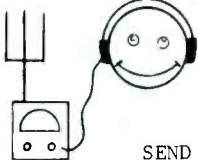


DISNEYLAND WEST: Hope you are making plans to be in Los Angeles for the confab of the Association of North American Radio Clubs on 23-25 July. Come meet Don Johnson, an experience you'll never forget!!!

ACORNS FROM OAKDALE:



Good judgement is the result of experience....experience is the result of poor judgement...



TECHNICAL TOPICS ???? ?

Editor

RALPH SANSERINO

TECHNICAL TOPICS
P. O. BOX E
ELSINORE, CA 92330

SEND YOUR TECHNICAL QUESTIONS TO:

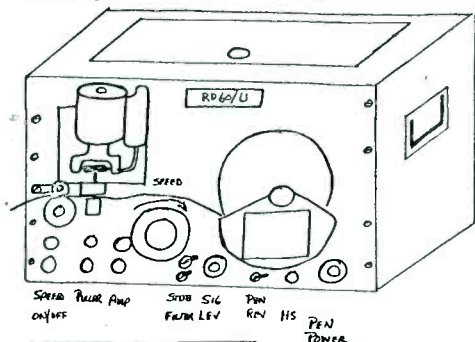
RD60/U CODE RECORDER
By Lloyd A. Scott, Jr.

A unique and handy addition to any utility DX'er's listening post is the McElroy RD60/U Code Recorder. The unit found it's way into the surplus market recently, and onto the shelves of Fair Radio Sales. This is where I purchased mine.

The unit was designed to copy code (CW) at speeds up to, and over, 100 words per minute, utilizing the McElroy "Inked Slip Method". The RD60/U and later generations have seen service in various branches of the military including the CIA.

The unit came packed in a sturdy wooden crate and sealed for export. After uncrating, I found the unit to be new and completely assembled. The recorder comes with one roll of paper tape, ink, tool kit and misc. spare parts. The recorder comes mounted in a 19" portable desk top rack, with side carrying handles. The unit is complete with self contained 117 VAC power supply, and requires no modification. The only set up required is to mount the ink reservoir, connect the rubber tube from the reservoir to the ink stylus, fill with ink, load with paper, and connect to your receiver and look for a CW station. You have several options on the rear for various inputs and these are explained in the instruction and service manual which comes with each set. After adjusting the ink flow, two other adjustments are required. Proper adjustment and attention must be given to the controls marked signal level and pen power. You will get the knack of proper setting after playing around with various signal levels. I suggest you start at mid-range on the pots. There is a reverse switch for inverted code and a speed control. With the speed control, you can space the dit-dahs out to suit your own requirements. I recommend you start at very slow speed and adjust the signal level and pen power for minimum ink splatter, then increase the speed. I think at this point I will stress very hard that once the recorder has been used, the stylus MUST be cleaned. The tool kit contains some cleaning wire, however I found that once finished, I turn off the ink supply, pour the surplus ink back into the bottle, wash out the reservoir and fill about half full of clear water and reconnect to the stylus and allow the water to drain through the stylus on to the tape while running at a moderate speed. This will clean all of the ink out of the rubber hose and stylus. I can speak from experience; I let the ink harden in the stylus and around the pen bearings once. This cost me as I had to order new ones from the McElroy Corp, at almost the cost of the recorder surplus.

Once the recorder is connected to the receiver 500 ohm or headphone jack, adjust the BFO for best results and look for a CW station. If you are fairly good at CW, but not the 75 word per minute man, the RD60/U is for you. However if you are not a CW man, but can detect V markers, then tune around for V's and presto, soon you will have call sign and frequencies. I have sent stations the tape and received QSL's. (Much simpler than sending audio tape recordings. ed)



As of the time of writing this report, mid 1975, the price was around \$30.00 per unit plus shipping charges. Parts are available from the McElroy Corporation, who are most happy to assist with locating and supplying parts. I feel that for the price, and what the machine will do, it is more than worth the price Fair Radio is asking, and would make a useful addition to any serious SWL's shack. (edited by John Kolb, who was entirely responsible for the one year delay between submission and publication of this article.)

JOHN KOLB
12532 ARABIAN WAY
POWAY, CAL. 92064

HEADQUARTERS NOTE: This is John Kolb's last column.
SPEEDX thanks John for excellent efforts for over two years. John will still be helping in other areas.



H A P P E N I N G S

HANDICAPPED AID PROGRAM

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



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

HAP wants to thank Stewart MacKenzie, Chairman of the 1976 ANARC Convention Committee, for offering HAP space in the souvenir convention guide which the committee is preparing. We hope the convention will be well attended and that the HAP Auction is a huge success!

A correspondent in India has sent HAP a copy of NASEOH NEWS, quarterly journal of the National Society for Equal Opportunities for the Handicapped in India. This journal somewhat similar to the American publication ACCENT on LIVING, contains, in its October 1975 edition, three articles on the subject of SWling for the Handicapped. They include "Helping the Handicapped Listener" by Arthur Cushen with particular reference to helping the blind SWL get started in the hobby; "DX Handicapped Aid Campaign" by Harry van Gelder, both printed by permission of Radio Nederland; and "World at Your Fingertips" by Alok Das Gupta of the Indian DX Club International, with general information on DXing and reporting to stations.

This is the first time HAP has had coverage in a journal which reaches a wide audience of the handicapped and the professional in the field of services to the handicapped. We wish to thank the contributors and editor of NASEOH NEWS for this valuable publicity.

HAP wants to thank SPEEDXer Chris Hansen for his help recently. He has visited a HAPie in the New York Metropolitan area who was having an undiagnosed receiver problem. Chris was able to locate and correct the problem. We recently received a letter from the HAPie expressing his thanks for Chris's help.

Chris has also referred an applicant to us, who had been a hyperactive child unable to go to school and thus, not able to learn to read and write. The applicant has asked for some of the services HAP provides to the blind. Our DXers course and taped bulletins will be provided, everything else being equal.

In addition to helping a HAPie and referring another to us, Chris has offered the services of the famed MAD-MEN in locating and aiding additional HAPIes in the New York City area. How about some of the other "un-club" groups following Chris's example? It would be a great project and you would be helping fellow hobbyists.

Do you have a QSL card or letter from a station that you can't make heads or tails of? Is it in a language you don't understand? If you do, and would like to know what it says, HAP's Translation Committee can put it into English for you at reasonable prices. Write for a list of the fees. We can translate over a dozen languages into English, but cannot translate reception reports into other languages. Contact HAP Headquarters for more info.

Our tape project has been much more successful than anticipated when this project began a little over a year ago. Individual orders have accounted for most of the tape sales. We have just recently received two large bulk orders from the Japan Shortwave Club. This has meant a lot of work for Elinor Leistner of San Bernardino, California, who types the mailing labels and sends them to Ian McFarland, who mails them from Montreal, Canada. Our thanks Elinor, for service "above and beyond the call of duty".

You may obtain the four tapes we now have available (Africa, Europe, Rest of World, and Language Identification) in either cassette or reel-to-reel (specify which) for a price of US\$15.75. Please remit by money order. Cash is too risky to send through the mail, and we must respectfully decline accepting personal checks.

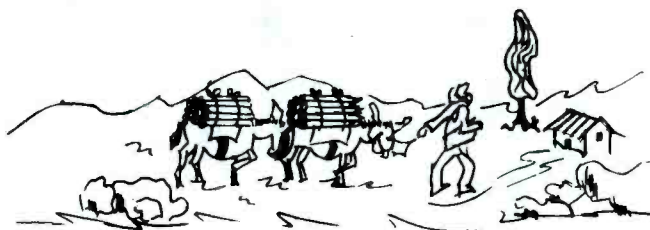
HAP is in need of a few good typists to help prepare our regular publications, and help prepare various lists and other internal HAP items, as well as keeping them up to date. Our needs are always changing, and we try to keep everything as up to date as possible. If you can type and have a little time to spare each month (or even every three months) PLEASE contact HAP HQS for details on how you might help HAP with its paper work!

73's, Ted

SWBC DX - Western Hemisphere

— EDITOR —

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



Just got back from a business trip to Mexico City and so am running late in typing the column this month. As a result there will be no "Latin Potpourri" this month and I'm going to jump right into the loggings. Before I do, however, let me remind you that all times are GMT, all dates are given in the month/day format, reception conditions are reported in the SIO code, and the deadline for reports to be in my mailbox is the 15th of each month.

ARGENTINA

- 6180 0545 LRA34 R. Nacional, Mendoza:w/ lt concert mx, local SS ID as "R. Nacional Mendoza" @ 0600 (strong but fluttery, 5/3 Sparks-CA)
- 9690 1108 LRA32 Radiodifusión Argentina al Exterior:w/JJ tlk, Argentine mx (122 3/8 Hyodo-JAPAN)(Helms-IA)(Garcia-UT)(Miller-WA)(Redman-IL)(Cleveland-CA)(Bixby-HI) Nice vacation Mark??
- 11710 2328 LRA35 Radiodifusión Argentina al Exterior:w/ YL EE TC & ID, tlk on Argentina, "Music of Buenos Aires" (334 4/19 Silva-CA)(Redman-IL)(Miller-WA)(Pollard-RI)(Miklejewski-MN)(Yajko-PA)(Stephenson-CA)
- 11755 0115 LRX R. El Mundo:w/ tlk, time pips, old stds mx like "Smoke Gets In Your Eyes" (422 4/14 Zilmer-WI)(333 0400 4/18 Brookwell-CA)(???) 0341 4/16 Dean-OH)
- 15290 0105 LRU R. El Mundo:w/ 2 OM SS tlk on postal reorganization, "Música por El Mundo" pgm, ID as "Esta es R. Comercial" (242 5/5 Miklejewski-MN) Also heard here but too weak to ID after phone tip from Stan.
- 15345 1300 LRA33 R. Nacional:w/ SS mx, ID (323 4/11 Tannenwald-NY)(343 1845 4/24 Zilmer-WI)

BELIZE

- 3300 0507* Radio Belize:w/ EE prayer, rel mx, anmt & anthem, GSTQ and off (312 5/6 Jones-MS)

BOLIVIA

- 6035 1000 CP92 R. Panamericana:w/ SS tlk, mx, ID/TC (322 4/13 Tannenwald-NY)

BRAZIL

- 3287 0110 ZYK28 R. Olinda:w/ U.S. pops, "R. Olinda" PP ID/TC, ads Brazilian pop hits (252 5/7 Whitehead-MA)
- 4785 0240 ZYMB R. Ribamar:w/ Brazilian vocals, IDs (433 4/17 Redman-IL)
- 4855 0315 PRC5 R. Clube do Pará:w/ excited PP tlk by OM, IDs (433 4/23 Redman-IL)
- 4905 2342 ZYD71 R. Relogio Federal:w/ OM tlk, TCs by YL (433 5/4 Famularo-NJ)(343 0100 5/7 Whitehead-MA)
- 4985 0630 ZYF208 R. Brasil Central:w/ Brazilian mx, some EE tunes, PP ads (443 5/2 Pimblett-ALTA)(Barnhart-PA)(Redman-IL)(Yajko-PA)(332 0138 5/4 Miklejewski-MN)
- 5965 2345 ZYU60 R. Guaiaba:w/ non-stop inst. mx, time pips @ 15 minute intervals (444 5/2 Redman-IL)
- 6000 0220 PRK5 R. Inconfidência:w/ end PP nxcst, "R. Inconfidência para todos do Brasil" ID, ads, MUR mx (332 5/4 Miklejewski-MN)
- 6015 0100 ZYB85 R. Clube de Pernambuco:w/ PP tlk, electronic jingles, mx, // 11865 (422 4/14 Zilmer-WI)
- 6035 0212 ZYZ65 R. Globo:w/ 20M w/ PP tlk, ID (233 5/4 Miklejewski-MN)
- 6085 2315 ZYB87 R. Jornal do Comercio:w/ rapid PP tlk, jingles (332 4/24 Zilmer-WI)

BRAZIL (cont.)

- 6095 2315 ZYB7 R. Tupi, São Paulo:w/ network pgm, PP tlk, mx, jingles ads // 11765 & 6165 (322 4/22 Zilmer-WI)(212 4/25 Miller-WA)
6135 1010 PRC21 R. Gauchá:w/ PP cmntry by OM, interviews by gabby DJ, several IDs (433 4/24 Redman-IL)(443 0945 4/19 Zilmer-WI)
6155 2235 ZYN30 R. Cultura da Bahia:w/ rapid PP tlk, Brazilian mx pgm (433 5/3 Famularo-NJ)(433 0915 4/24 Redman-IL)
6165 2300 ZYE419 R. Cultura, São Paulo:w/ "A VOZ DO BRASIL" pgm // 6095 6015, 11765, 11805, 11925 (322 4/22 Zilmer-WI)
9695 1202 ZYB61 R. Rio Mar:w/ ID, fqys, TC, into PP rel. pgm (343 5/2 Jones-MS)
9705 0150 ZYZ24 R. Mauá:w/ weak PP tlk under XERMX (212 4/25 Miller-WA)
11765 0043 ZYB8 R. Tupi, São Paulo:w/ PP spts event coverage, "R. Tupi" IDs in passing (334 4/25 Miller-WA)
11780 2140 PRL8 R. Nacional Brasília:w/ Brazilian mx, scientific tlk (332 4/19 Earhart-PA)(433 2105 5/2 Redman-IL)(344 4/25 Miller-WA)
11785 0028 ZYU61 R. Guaíba:w/ PP spts event cmntry (333 4/29 Yajko-PA)
11805 0114 ZYZ65 R. Globo:w/ Brazilian pops, PP tlk (???) 4/27 Dean-OH) (433 0020 4/19 Pimblett-ALTA)(343 0017 5/5 Miklejewski-MN)
11865 2021 ZYB85 R. Clube de Pernambuco:w/ OM tlk, ads, Brazilian pop mx, PP ID, heard when RHC off abruptly (232 4/24 Famularo-NJ) (--2 0352 5/7 Cleveland-CA)(333 0405 4/24 Dean-OH)(322 0305 4/20 Miklejewski-MN)(343 0019 4/29 Yajko-PA)
11915 0028 PRC23 R. Gauchá:w/ weak, rapid PP tlk, kOed by HCJB @ 0031 (122 4/25 Miller-WA)
11925 0025 ZYK78 R. Bandeirantes:w/ PP soccer match coverage (344 4/29 Yajko-PA)(323 0025 4/25 Miller-WA)
15145 0009 ZYB87 R. Jornal do Comercio:w/ 2 OM in animated conversation in PP, of course (353 4/21 Miller-OH)(343 1920 4/25 Uerlings-OR)(243 1345 5/5 Breeden-MS)(433 2045 4/25 Yajko-PA)
17815 2245 ZYE419 R. Cultura, São Paulo:w/ tlk, mx, ID (323 4/20 Tannenwald-NY)

CANADA

- 5960 0215 CBC Northern Service:w/ newscast (333 4/12 Pollard-RI)
6005 2300 CFCX, Montreal:w/ EE ads, news (242 4/22 Pimblett-ALTA)(333 1733 4/23 Famularo-NJ)
6040 2230 R. Canada International:w/ "AS IT HAPPENS" (444 4/27 Redman-IL)
6070 0000 CFRX, Toronto:w/ EE nxcst, pop mx (233 4/28 Davis-KY)(Arneson-MD)(Miller-WA)(Pimblett-ALTA)(Redman-IL)
6085 0427 DW Relay, Sackville:w/ GG tlk on soccer (555 4/19 Worman-WI)
6135 0500 R. Canada International:w/ nx, spts, weekend magazine pgm (544 5/1 Miller-CA)
6160 0005 CKZU, Vancouver:w/ EE request mx, opera mx (253 4/25 Miller-WA) (443 1436 5/10 Pimblett-ALTA)
9640 0100 R. Canada International:w/ EE weekend magazine pgm (555 5/9 Miller-CA)
9655 0100 R. Canada International:w/ regular pgm suffering hvy R. Moscow QRM. On 9650 as of 5/3 (422 Hoifman-PA)(433 0417 4/19 Bixby-HI)(554 0330 4/21 Miller-CA)(444 0400 5/3 Davis-KY)
9625 0130 CBC Northern Service:w/ EE coverage of Montreal vs Chicago Stanley Cup playoff game (343 4/19 Nebron-CA)(322 1800 w/ Eskimo mixing w/ RHC & SBC 4/17 Talbot-WI)(333 1728 4/14 Kurtz-MN)(422 1045 4/26 Zilmer-WI)(211 0905 4/1 Smith-FL)
11720 1600 CBC Northern Service:w/ EE pop mx (444 4/9 Kelly-TN)(444 2130 w/ science pgm, ID 4/3 Talbot-WI)
11855 2130 R. Canada International:w/ ID, tlk (332 4/21 Famularo-NJ)
15305 1800 R. Canada International:w/ nx, magazine pgm (444 4/27 Pimblett-ALTA)(444 1855 4/16 Naylor-CA)
15325 2120 R. Canada International:w/ "CANADA THIS WEEK", "LEGATE'S LEGACY" (443 4/18 Miller-CA)(233 1853 4/24 Miller-WA)(554 1436 4/26 Famularo-NJ)

CHILE

- 9565 0132 CE956 R. Nacional de Chile:w/ SS ID "Transmite La Voz de Chile"
fqys, then "Noticias de Chile" (323 4/25 Miller-WA)
- 9590 0120 CE959 R. Presidente Balmaceda:w/ ID, modern pop mx in EE & SS
ads (232 4/25 Miklejewski-MN)(433 0034 4/26 Redman-IL)(222
0120 4/17 Garcia-UT)
- 9595 0110 CE959 R. Portales:w/ live SS comedy pgm (433 4/26 Garcia-UT)
You sure this frequency is correct Vince?
- 9750 1100 CE975 R. Minería:w/ IS, ID after SS ad string, LA pop mx pgm
(333 5/8 Jones-MS)
- 11810 1252 CE1180 R. Nacional de Chile:w/ UNID lang version of "The
Voice of Chile" pgm (353 5/10 Estes-MS)
- 15150 2010 CE1515 R. Nacional de Chile:w/SS nxcst (242 4/15 Nebron-CA)(252
0213 w/ EE ID, address, tlk abt a festival 4/20 Miller-CA)
(Worman-WI)(Naylor-CA)(Estes-MS)(Redman-IL)(Miklejewski-MN)
(Tannenwald-NY)

COLOMBIA

- 4755 0310 HJKC Emisora Nuevo Mundo:w/ U.S. orch mx
CARACOL anmts (433 4/17 Redman-IL)
- 4845 0345 HJGF R. Bucaramanga:w/ SS nx, Colombian
mx, off @ 0400 (343 4/22 Earhart-PA)
- 4865 0510 HJLZ LV del Cinaruco:w/ nx pgm, anmts of
"CARACOL primera" (433 4/19 Redman-IL)
- 4885 0439 HJIG Ondas del Meta:w/ ID, Colombian mx
(333 4/19 Uerlings-OR)(Redman-IL)
- 4915 0436 HJSG R. Guatapurí:w/ pretty LA mx, SS ID
(433 5/9 Miller-OH)(433 4/23 Redman-IL)
- 4945 0420 HJDH R. Colosal:w/ LA mx (222 4/17
Stephenson-CA)(--3 0430 4/23 Cleveland-
CA)(444 0710 4/23 Redman-IL)(434 0435
4/15 Miller-WA)(322 0335 5/5 Miklejewski-MN)
- 4955 *0945 HJQC R. Nacional:w/ sign-on, mx, SS tlk, ID (443 4/20 Tannen-
wald-NY)(Stephenson-CA)(Cleveland-CA)(Miller-WA)(Redman-IL)
- 4965 0630 HJAE R. Santa Fé:w/ Colombian mx, IDs after each record (444
5/9 Hoffman-PA)(Redman-IL)(Breedem-MS)(Miller-WA)(Earhart-
PA)(Tannenwald-NY)
- 5020 0355 HJCP Ecos del Atrato:w/ TODELAR promos, into sign-off anmts &
ID (433 4/23 Redman-IL)(322 0245 4/13 Pimblett-ALTA)(343
*1103 4/16 Jones-MS)(222 0226 4/19 Miklejewski-MN)
- 5035 1048 HJIC LV de Caquetá:w/ ID, RCN plug, mx (343 4/17 Jones-MS)
- 5075 0315 HJGC R. Sutatenza:w/ "FRECUENCIA INTERNACIONAL" pgm giving
addresses of would-be pen pals in neighboring countries
(??? 5/4 Hauser-IL)(Cleveland-CA)(Redman-IL)(Yajko-PA)
- 5962 0510 HJ?? LV de los Centauros:w/ ID, Colombian pop mx, OM DJ (444
5/8 Uerlings-OR)(333 1026 5/6 Jones-MS)(322 0720 4/17
Stephenson-CA)
- 6000 1040 HJDW R. Super de Medellín:w/ ID, tlk, usual pgm, apparently is
a NF (332 4/24 Jones-MS)
- 6065 0650 HJAX R. Super:w/ Latin mx, OM w/ ID @ 0654 (433 5/5 Brigham-IL)
(Worman L)(Redman-IL)(Miller-WA)(Garcia-UT)
- 6075 0158 HJID R. Sutatenza:w/ full ID, fqy, Alka-Seltzer ad, old stds mx
(222 5/4 Miklejewski-MN)
- 6115 0403 HJIE LV del Llano:w/ SS ID/TC, much tlk, little mx (--2 5/6
Cleveland-CA)(Redman-IL)(Brookwell-CA)(Garcia-UT)(Jones-MS)
- 6120 0651 HJ?? R. Super de Cali:w/ ID, mx, TC w/ chimes (344 4/16 Breedem-
MS)(433 0605 4/26 Redman-IL)(322 0000 4/17 Tannenwald-NY)
- 6150 0422 HJJT LV del Huila:w/ LA mx pgm (333 5/6 Jones-MS)
- 6160 0340 HJKJ Emisora Nueva Granada:w/ OM & YL SS anmts, drama (242 5/11
Estes-MS)(444 0000 5/3 Famularo-NJ)(444 0900 4/24 Redman-IL)
- 6170 1020 HJBJ LV de la Selva:w/ "BUENOS DIAS CAPITAL" pgm, public svc.
anmts, mx, nx (433 4/24 Redman-IL)(332 4/24 Tannenwald-NY)
- 9682v 0338 HJZK R. Nacional:w/ classical mx, ID (444 4/29 Uerlings-OR)(443
0415 4/19 Earhart-PA)
- 11825 1230 HJZO R. Nacional:w/ delayed off-air relay of KGEI nxcst, then
same from RNE, bit from OEA on Panama Canal in "RELOJ DEL
MUNDO" pgm, into wx, railroad skeds, UPI nx @ 1250 then plug
for Verde mx series with "la cultura del mundo al oido de
los colombianos" (better than 9682 5/4 Hauser-IL)
- 11793 0125 HJZO R. Nacional:w/ Latin stds, YL ID (333 5/11 Brigham-IL)(322
2300 5/8 Hardester-CA)(555 1700 5/8 Somers-CA) NF or drift?



COSTA RICA

- 4832 0234 TIHB Emisoras Radio Reloj:w/ LA mx, ads, OM DJ TC/ID // 6006
(322 4/25 Jones-MS)(Redman-IL)(Hauser-IL)(Miller-OH)
(Breeden-MS) Apparently the SISTEMA RADIOFONICA HB, owners
of R. Reloj and R. Capital, decided to keep their new
feminine market oriented station, R. Ellas, only on MW and
relay R. Reloj on 4832 khz. As a result the ID is now the
plural "Emisoras Radio Reloj".
- 6006 0110 TIHB Emisoras Radio Reloj:w/ SS mx, frequent anmts and IDs (232
4/26 Miller-WA)
- 9645 1223 TIFC Faro del Caribe:w/ SS rel. tlk, hymn, anmt. of meeting at
San Pedro Sula (333 4/22 Miklejewski-MN)(333 0330 w/ EE rel
pgm, light mx, off w/ ID & anthem 4/25 Arneson-MO)

CUBA

- 6060 0130 R. Habana Cuba:w/ IS, ID, cmntry (222 4/15 Smith-FL)(554 0512
4/12 Worman-WI)
- 11725 0205 R. Habana Cuba:w/ EE political tlk, LA mx (333 5/8 Kummer-KY)
(??? 0156 4/27 Dean-OH)(332 0155 4/26 Miklejewski-MN)
- 11760 0419 R. Habana Cuba:w/ EE letterbox pgm (444 4/16 Dean-OH)(545 0058
4/25 Miller-WA)(333 0330 4/14 Pollard-RI)
- 11865 2010 R. Habana Cuba:w/ EE tlk abt liberation in Africa beamed to
Europe (333 4/14 Kurtz-MN)
- 11930 0257 R. Habana Cuba:w/ EE "SPOTLIGHT ON LATIN AMERICA" pgm, ID, mx
(444 4/12 Famularo-NJ)(Dean-OH)(Somers-CA)(Kurtz-MN)
- 15215 0110 R. Habana Cuba:w/ SS political cmntry // 15220 (222 4/24
Brookwell-CA) Believe that // is 15230 khz. See below!!
- 15230 0031 R. Habana Cuba:w/ OM nx, SS ID @ 0049 (444 4/17 Naylor-CA)
(333 1330 4/14 Kurtz-MN)
- 15340 0220 R. Habana Cuba:w/ SS LA mx, YL anmts, address, ID @ 0230
(323 4/24 Miklejewski-MN)
- 21750 2040 R. Habana Cuba:w/ Cuban mx, SS OM ancr (444 4/24 Brookwell-CA)

DOMINICAN REPUBLIC

- 4780 0134 HIAQ R. Norte:w/ SS tlk, LA mx (232 5/2 Jones-MS)
- 4825 1002 HIFA LV de las Fuerzas Armadas:w/ Easy listening mx, veri says
is 3 kw (444 4/24 Jones-MS)
- 4930 0300 HIBE R. Mil:w/ LA pop mx, TC/ID, ads (--2 4/27 Cleveland-CA)
(433 0045 4/19 Redman-IL)(333 0028 5/2 Yajko-PA)
- 11700 2040 HILR R. Clarin:w/ LA pop mx, many anmts (242 4/11 Nebron-CA)
(433 2250 5/1 Redman-IL)(333 2242 4/24 Miklejewski-MN)

ECUADOR

- 3280 1007 HCVN7 LV del Napo:w/ Quechua tlk, choir, rel. pgm (333 5/11
Jones-MS)
- 3390 0432 HCOT1 R. Zaracay:w/ Andean ballads, OM ID (333 4/8 Earhart-PA)
(333 0448 5/6 Jones-MS)
- 4680 0300 HCWE1 R. Nacional Espejo:w/ exuberant ID "Esta es RNE, R. Nac.
Espejo" into radio drama (332 4/19 Miklejewski-MN)(Redman-
IL)(Famularo-NJ)(Cleveland-CA)(Miller-WA)
- 4910 *1103 HCMJ1 Emisoras Gran Colombia:w/ NA, "Mr. Sandman" theme, ID, nx
items, into mx pgm (242 4/19 Jones-MS)

RADIO ZARACAY

965 KILOCICLOS ONDA LARGA

90 METROS ONDA MEDIA

Holger Velastegui Dominguez
GERENTE · PROPIETARIO

Telefonos: 331140
331264

Santo Domingo de los Colorados
ECUADOR

ECUADOR (cont.)

- 4923 1117 HCRQ1 R. Quito:w/ SS ID, TCs, ads, SS tlk (343 4/15 Jones-MS)
 6050 0348 HCJB LV de los Andes:w/ SS rel. tlk (445 4/16 Miller-WA)
 6130 0930 HCJB LV de los Andes:w/ EE ID, SOUTHERN CROSS SALUTE pgm
 (443 4/23 Miller-CA)
 6185 0429 HCJB LV de los Andes:w/ Romanian into Russian now here ex 6165
 (a bit weaker than TWR-6190 but modulation much lower than
 TWR 5/4 Hauser-IL)
 9560 0230 HCJB LV de los Andes:w/ "DX PARTY LINE" (444 4/10 Wallman-MN)
 (Bixby-HI)(Miller-WA)(Miller-CA)(Thompson-NM)(Davis-KY)
 (Kelly-TN)(Kurtz-MN)
 9620 0434 HCJB LV de los Andes:w/ Russian svc barely audible due geomag
 storm but noted // 6185 (--1 5/4 Hauser-IL)
 9715 1130 HCJB LV de los Andes:w/ IS, JJ rel. pgm, marimba mx (444 4/26
 Oriyama-JAPAN) Nice to hear from all our Japanese members!!
 9745 0712 HCJB LV de los Andes:w/ CALL OF THE ANDES pgm to South Pacific
 (333 4/1 Smith-FL)
 11745 1430 HCJB LV de los Andes:w/ "BOX 691" featurette (222 4/25 Miller-
 WA)(333 1630 4/14 Kurtz-MN)(322 1504 4/17 Smith-FL)
 11835 0015 HCJB LV de los Andes:w/ EE ID & mx (322 4/27 Dean-OH) You sure
 this not R. 4VEH ??
 11885 0200 HCJB LV de los Andes:w/ EE nx, Argentine mx, guest from
 Falkland Islands (333 5/5 Thompson-NM)(Miller-CA)
 11895 0020 HCJB LV de los Andes:w/ PP svc here mixing with VOA EE (--2
 5/3 Hauser-IL)
 11915 0353 HCJB LV de los Andes:w/ EE ID (??? 4/24 Dean-OH) Quality Dennis?
 15115 1340 HCJB LV de los Andes:w/ EE discussion of Christianity (333 4/13
 Kurtz-MN)(454 1500 4/9 elly-TN)(434 1407 4/15 Miller-WA)
 15160 1402 HCJB LV de los Andes:w/ EE nx, mx, "BIG JON AND SPARKIE" pgm
 (332 4/24 Smith-FL)
 15300 1945 HCJB LV de los Andes:w/ EE "DX PARTY LINE" // 11745 & 17755
 (353 4/26 Yajko-PA)(444 1945 5/1 Miller-WA)

GRENADA

- 15105 2045 R. Grenada:w/ EE anmts, ad for Colgate toothpaste (433 4/26
 Yajko-PA)(322 2020 w/ pop mx, Qrm from IBA on 15100 4/24
 Miklejewski-MN)(333 2115 w/ rel. svc. bcst 4/16 Earhart-PA)

GUATEMALA

- 3300 0418 TGNC R. Cultural:w/ EE rel. tlk by OM (333 5/4 Pimblett-ALTA)
 (433 0200 5/3 Redman-IL)(333 0301 4/17 Thompson-NM)
 3325 1116 TGBA R. Maya de Barillas:w/ Indian lang.
 rel. pgm, some SS anmts, ID 1120 (322
 4/28 Miklejewski-MN)
 3360 0415 TGVN LV de Nahualá:w/ marimba mx (--2 4/23
 Cleveland-CA)(422 0210 4/14 Redman-IL)
 3380 0130 TGCH R. Chortis:w/ SS tlks by OM, marimba
 mx (422 4/14 Redman-IL)
 6180 2330 TGWB R. Nacional:w/ SS coverage of spts event
 several IDs (422 5/2 Redman-IL)

HAITI

- 3345 1000 4VSO R. Station 4VEH:w/ SS rel. pgm, ID (433
 5/11 Jones-MS)
 9770 1215 4VEH R. Station 4VEH:w/ EE rel. pgm (333 4/25
 Kelly-TN)(434 1334 4/25 Yajko-PA)(332 1230
 4/14 Jones-MS)
 11835 1230 4VEJ R. Station 4VEH:w/ EE ID, anmt, TC @ 1230
 into lt. rel. mx (322 5/5 Brigham-IL)(Estes-
 MS)(Aronson-MO)(Famularo-NJ)(Uerlings-OR)
 (Redman-IL)(Wall an-MN)(Miller-WA)(Breedon-MS)
 (Yajko-PA)

HONDURAS

- 4815T 0415 HR?? R. Titania: / TENTATIVE logging of phone request mx pgm,
 cuckoos before each tC "Aqui la hora Titania" (433 4/17
 Redman-IL) Nothing noted here in several checks Ron!!
 4820 0413 HRVC R. Evangelica:w/ EE nx, "NIGHT SOUNDS" pgm, off w/ ID @
 0445 (222 4/13 Breedon-MS)(232 0335 5/10 Miller-WA)(322 0305
 4/29 Redman-IL)(343 0445 4/25 Miller-OH)
 4820 0450 HRVS R. Católica: A note from HRVC Chief Engineer, Paul J.



HONDURAS (cont.)

- 4820 0450 HRVS R. Católica: A note from HRVC Chief Engineer, Paul J. Hutton reported in Numero Uno by Tuchscherer advises "What you are hearing is splatter from another station onto our studio-transmitter link. That means you are hearing their audio on our carrier before our transmitters go off the air and just after we've shut down our station." This may explain the reports of MW only R. Católica on this frequency.
- 4920 0327 HRPL3 R. Progreso:w/ SS nxcst, ID, ads (--3 w/ het noted 4/27 Cleveland-CA)(333 0103 4/28 Breeden-MS)(433 0455 4/19 Redman)
- 6000 1040 HR?? R. Swan:w/ ID, SS tlk, mx (332 5/4 Zilmer-WI) Caution!!! R. Super de Medellin also reported here.
- 6125 2315 HRQ R. Suyapa, "La Cariñosa":w/ LA vocals, ads, amnts, KOed by VOA 2345 (433 4/27 Redman-IL)(333 0134 4/14 Jones-MS)

MEXICO

- 6105 1226 XEQM La Pantera:w/ amnts as "XEQM", "R. Yucatán", & "Las Panteras", ranchera mx ("VOCES DEL CAMPO" PGM) comls, hard rock mx (333 5/2 Jones-MS)
- 9515 0430 XEWV LV de América Latina:w/ relay of "LA HORA DE MÉXICO" a long political tlk ending with some pop mx. After the pgm ended the local anmt gave the XEW ID @ 0528 sign-off with no mention of "onda corta" (333 5/3 Sparks-CA)(343 1118 4/24 Jones-MS)
- 9705 0212 XERMX R. México:w/ RADIO CORREO DEL AIRE" pgm (422 4/13 Redman-IL)(333 1325 4/20 Naylor-CA)(323 0142 4/25 Miller-WA)(222 2015 4/12 Stephenson-CA)(444 1405 5/2 Yajko-PA)(443 1300 5/2 Tannerwald-NY)
- 15385 2045 XERMX R. México:w/ mixed bag of mx, ID (555 5/9 Somers-CA) (444 2230 5/1 Redman-IL)(433 0302 4/20 Bixby-HI)(554 0000 5/2 Miller-CA)(443 2359 4/17 Garcia-UT)(444 2040 4/25 Yajko-PA)(333 2140 3/31 Stephenson-CA)(444 2214 4/21 Famularo-NJ) (555 2300 4/28 Kaufman-NY)(443 0008 4/30 Miller-OH)

NETHERLANDS ANTILLES

- 6165 0530 R. Nederland, Bonaire Relay:w/ EE "WHAT'S NEW", letters from listeners, mx (554 5/1 Miller-CA)
- 6185 0440 Trans World Radio, Bonaire:w/ EE final ID, fqys, & off (444 5/11 Miller-WA)
- 6190 0400 Trans World Radio, Bonaire:w/ Russian & Hungarian w/ vocal rel. mx, tlks, then EE ID (444 4/15 Thompson-NM)
- 6195 0140 R. Nederland, Bonaire Relay:w/ Dutch then EE @ 0300. Cl. mx, DD nxcst, then ID into EE (344 4/8 Worman-WI)
- 9590 *0328 R. Nederland, Bonaire Relay:w/ IS, ID in SS svc. to Mexico (444 4/29 Uerlings-OR)
- 11730 2345 R. Nederland, Bonaire Relay:w/ PP nxcst in PP svc to Brazil. Is NF this slot ex-15425 (444 4/16 Earhart-PA)
- 11790 0140 Trans World Radio, Bonaire:w/ SS pgm after EE sign-on anmt (??? 4/27 Dean-OH) Quality??
- 11815 1207 Trans World Radio, Bonaire:w/ "DX SPECIAL" (443 5/1 Miller-OH)
- 11925 0034 Trans World Radio, Bonaire:w/ "FOCUS" pgm (445 4/25 Miller-WA) (444 0030 4/19 Thompson-NM)(444 0045 4/17 Earhart-PA)
- 15275 2136 R. Nederland, Bonaire Relay:w/ Dutch nx, organ mx, ID (434 4/18 Naylor-CA)
- 15355 0040 Trans World Radio, Bonaire:w/PP svc. mixing severely with KGEI SS (??? 5/3 Hauser-IL)
- 15415 2345 Trans World Radio, Bonaire:w/ RR pgm sign-off, splatter from DW (333 4/25 Brookwell-CA)(??? 5/2 2345 Hauser-IL)

PERU

- 3351T 0419 OAX5J R. Independencia:w/ TENTATIVE logging of Peruvian mx, amnts, but no ID (333 4/19 Young-CA)
- 4995 0355 OAZ4C R. Andina:w/ Andean mx (--2 5/6 Cleveland-CA)
- 5040 1037 OCY4Y R. Libertad de Junin:w/ ID, TC, Andean mx (242 4/19 Jones-MS)
- 5970 1055 OBX4Q R. El Sol:w/ SS tlk, mx, ID, Peruvian style mx (322 5/4 Zilmer-WI)(433 1045 4/24 Redman-IL)(343 1042 4/24 Jones-MS)
- 5980 0700 OBX4M R. Panamericana:w/ Peruvian mx, OM ID, CW QRM after 0700 (433 5/5 Brigham-IL)(443 0541 5/6 Jones-MS)
- 6115 0437 OBZ4O R. Unión:w/ U.S. pop mx, SS TCs, IDs (433 5/3 Bixby-CA) (334 0535 5/10 Miller-WA)

PERU (cont.)

9505 0948 OAX4V R. América:w/ LA pop mx (443 5/8 Jones-MS)
 9515 0513 OAX4J R. La Crónica:w/ OM & YL SS discussion mixed with EE from
 the "Wizard of Oz" (332 5/4 Bixby-CA)
 9562 *1100 OAX4R R. Nacional del Perú:w/ IS, SS ID, tlk, mx pgm (342 5/4
 Zilmer-WI)

URUGUAY

11835 0034 CXA19 R. El Espectador:w/ hi-pressure ad string, into "música
 El Espectador", more ads incl. one for Colgate (343 5/5
 Miklejewski-MN)(232 0133 4/17 Breeden-MS)(322 0133 4/14
 Uerlings-OR)(242 0135 4/24 Nebron-CA)

UNITED STATES OF AMERICA

6130 0120 Voice of the OAS:w/ EE nx, mx of Americas (555 4/25 Somers-CA)
 6155 0157 WYFR, Family Radio:w/ SS ID, px sked (444 4/26 Miller-OH)
 9530 2011 VOA, Greenville:w/ UNID lang nxcst, ID (132 4/17 Dean-OH)
 9615 0331 KGEL, LV de la Amistad:w/ SS ID (434 4/29 Uerlings-OR)
 11720 0050 KGEL, LV de la Amistad:w/ EE lesson in SS (353 4/20 Earhart-PA)
 11780 2000 WYFR, Family Radio:w/ Dutch rel. pgm (555 4/13 Brookwell-CA)
 11795 1938 AFRTS, Greenville:w/ EE feeder, news cuts (333 4/14 Kurtz-MN)
 11830 0019 VOA, Delano:w/ EE sign-off @ 0059 (??? 4/27 Dean-OH) Quality??
 15150 1415 WYFR, Family Radio:w/ SS ID, Sunday only (111 ??/?? Dean-OH)(444
 1615 w/ RR rel. mx 4/24 Kurtz-MN)
 15135 0049 WYFR, Family Radio:w/ SS ID @ 0049 (233 5/5 Dean-OH)
 15185 2130 WINE, World Inter-National Broadcasters:w/ EE "VOICE OF REVIVAL"
 pgm (444 4/16 Thompson-NM)(343 2130 4/13 Uerlings-OR)
 15205 0100* VOA, Delano:w/ VOA sign-off now accomplished during 59th minute
 with ID only as "VOA, Washington, D.C." as tho the xmtx was
 there. Quicker sign-off should make operations smoother and
 reduce QRM to subsequent users of VOA fqs but, have they
 again dropped all local xmtx IDs? (??? 5/3 Hauser-IL)
 15270 0151 VOA, Dixon:w/ Unidentified lang. ID (333 5/5 Dean-OH)
 15280 0200 KGEL, LV de la Amistad:w/ SS ID, rel. pgm (153 5/5 Dean-OH)
 15410 1645 United Nations Radio:w/ EE coverage of Security Council mtg
 on Timor situation (433 4/22 Kurtz-MN)

VENEZUELA

3245 0330 YVKT R. Libertador:w/ "música romantica", ID & off w/NA @ 0400
 (433 5/3 Redman-IL)(443 1005 5/11 Jones-MS)
 3395 0002 YVOJ R. Universidad:w/ 2 OM covering spots (333 4/24 Famularo-NJ)
 4770 0035 YVNW R. Bolívar:w/ SS anmts, LA mx pgm (323 4/29 Yajko-PA)
 (Redman-IL)(Jones-MS)(Famularo-NJ)
 4780 2340 YVLA LV de Carabobo:w/ SS ads, mentions of Valencia, LA mx pgm
 (342 4/28 Miller-OH)(444 1012 4/24 Jones-MS)
 4800 0350 YVMO R. Laray/w/ Venezuelan mx, IDs (422 4/13 Redman-IL)(232
 0357 4/13 Pimblett-ALTA)
 4820 0609 YVWJ R. Tricolor:w/ "That's the Way I Like It", other pop hits
 jingle ID (432 4/7 Bixby-CA)(343 0605 4/13 Pimblett-ALTA)
 (343 0906 4/13 Jones-MS)
 4830 *0954 YVOA R. Táchira:w/ NA, band mx, anmt, short vocal ID, fqs for
 YVOA, YVOB & YVOA-FM (343 4/24 Jones-MS)
 4840 0045 YVOI R. Valera:w/ LA mx pgm (322 4/29 Yajko-PA)
 4860 0345 YVQE R. Maracaibo:w/ relay RUMBOS nxcst (422 4/18 Redman-IL)
 4880 2346 YVMS R. Universitario:w/ OM SS tlk, ID & LA mx (444 5/3 Famularo-NJ)
 (Cleveland-CA)(Redman-IL)(Miller-WA)
 4890 0333 YVKB Radiodifusora Venezuela:w/ nx, U.S. rock mx (--2 4/27
 Cleveland-CA)(Famularo-NJ)(Miller-WA)(Breeden-MS)
 4900 0247 YVNK R. Juventud:w/ SS tlk, mx pgm (454 4/12 Famularo-NJ)(--2
 0330 4/27 Cleveland-CA)(422 0305 4/18 Redman-IL)
 4940 0336 YVPA R. Yaracuy:w/ SS ID, LA & EE pop mx (323 5/1 Uerlings-OR)
 (--3 0307 4/27 Cleveland-CA)(433 0325 4/13 Redman-IL)
 4960 0402 YVAO R. Sucre:w/ SS ID, RUMBOS nx (223 5/1 Uerlings-OR)
 4970 0325 YVLK R. Rumbos:w/ LA mx pgm, ID (--2 4/27 Cleveland-CA)(Miller-
 CA)(Redman-IL)(Stephenson-CA)
 4980 0100 YVOC Ecos del Torbes:w/ Venezuelan mx, several IDs (422 4/19
 Redman-IL)(Cleveland-CA)(Thompson-NM)
 4990 0322 YVMQ R. Barquisimeto:w/ SS ID, lt. mx (--3 4/27 Cleveland-CA)
 (433 0330 4/18 Redman-IL)
 5030 0457 YVMK R. Continente:w/ SS mx, ID (423 4/5 Stephenson-CA)(Redman-
 IL)(Cleveland-CA)(Bixby-CA)

SWBC DX EUROPE / AFRICA



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DEADLINE: 15th of the month
Times & Dates: GMT
Frequencies: kHz

-Europe-

ALBANIA

- 6200 0145 R. Tirana: Eng comtry (333 4/12 Pollard-RI);(444 0240 4/23 Redman-IL)
7120 0320 R. Peking via Tirana: Eng nx (444 4/23 Redman-IL)
7300 *0130 R. Tirana: Eng w/ nx // 6200 (433 4/16 Kasday-NJ);(Rogers-ONT);(Pimblett-ALB);(Thompson-NM);(Talbot-WI);(Redman-IL);(Straumanis-IL)
9480 2200 R. Tirana: Eng w/ ID, nx (232 5/8 Gelfand-NY);(433 *2030 4/12 Famularo-NJ)
9755 0005 R. Tirana: Eng nx, tlk, appears moved from 9750 to avoid QRM from SBC on same fqy (443 4/13 Earhart-PA);(433 0008 on 9750 4/26 Yajko-PA)
9780 0125 R. Peking via Tirana: Eng comtry (433 4/27 Redman-IL)

ANDORRA

- 5990t 0600 R. Andorra: Fr w/ anthem, sign-on, garbled ID, nx or comtry on 5990-5995(342 4/21 Brooks-SARDINIA)

AZORES

- 4865t 2000 R. Portugal (ENR): Port w/ anthem (Portugal), sign-on, Azores should already have been on ... no need for s/on unless ... ENR using Azores now to transmit regional pgms (343 4/21 Brooks-SARDINIA)

AUSTRIA

- 6015 0430 Osterreichischer Rundfunk: Eng tlk (322 5/9 Hoffman-PA);(422 4/27 Redman-IL)
6155 *0130 GRF: Eng nx & views, ancd // 9760 but on 9770 (443 5/11 Scannell-MA);(443+ 0330 4/17 Earhart-PA)
9770 *0130 RF: Eng w/ s/on, ID, fqys, nx, QRM RHC // 6155 (534 4/21 Brigham-IL);(344 4/17 Breeden-MS);(433 4/18 Redman-IL)
15305 1700 GRF: Eng w/ ID (333 5/6 Baker-IL)

BELGIUM

- 9725nf 0015 RTB-BRT 4: Eng "Brussels Calling", move from 9730 (423 4/19 Zilmer-WI) to 0045
11940 1715 RTB-BRT 4: Eng w/ IS, ID "This is Brussels Calling", into mx pgn to Afr, quick f/out (211 ??? Beal-WA)

BULGARIA

- 9700 2130 R. Sofia: Eng nx (222 4/24 Arneson-MO);(422 0020 4/17 Redman-IL);(333 4/23 Thompson-N.);(--2 0400 4/27 Cleveland-CA)

CZECHOSLOVAKIA

- 5930 0100 R. Prague: Eng nx, speech (333 4/13 Kasday-NJ);(Miller-WA)(Redman-IL);(Beal-WA)
7345 0300 R. Prague: Eng w/ special pgn on 31st Anniversary of the Liberation of Czechoslovakia in WW II (444 5/10 Hoffman-PA)(Smith-FL);(Redman-IL);(Brookwell-CA)

CZECHOSLOVAKIA (cont)

9505 1145 R. Prague: Eng w/ International Program to Eur (332 4/28 Zilmer-WI);(222 0045 4/23 Smith-FL)
 9540 *0100 R. Prague: Eng s/on, nx (333 4/21 Goto-CA);(Davis-KY);(Stephenson-CA);(Uerlings-OR);(Smith-FL);(Gelfand-NY);(Radtke-CA)
 11990 1730 R. Prague: Eng w/ Afro/Asian svc (453 4/25 Rogers-ONT)

DENMARK

15165 *1600 R. Denmark: Eng/Danish s/on, Danish pgm (252 5/9 Somers-CA);(222 4/20 Goto-CA);(333 4/16 Fowler-ONT);(242 1830 4/19 Nebron-CA);(422 4/20 Beal-WA)

FINLAND

15110 *1400 R. Finland: Eng nx, "Spotlight" (333 5/6 Baker-IL);(343 5/6 Estes-MS);(443 4/18 Miller-OH);(333 4/16 Kasday-NJ);(434 4/25 Yajko-PA);(443 4/16 Earhart-PA);(333 4/18 Jones-MS)

FRANCE

11845 1628 R. France International: Eng "Paris Calling Africa", contest info (433 4/21 Famularo-NJ);(333 4/25 Yajko-PA)
 15155 *1600 RFI: Eng in new time slot to 1700 "PCA". // 11845 (332) 15200 (433) 15300 (433) 15315 (433) 17720 (433) 17860 (433) (443 4/18 Zilmer-WI);(Brigham-IL);(Rogers-ONT);(Naylor-CA)(Kelly-TN);(Beal-WA)
 17720 *1600 RFI: Eng "PCA" (--- 4/15 Hauser-IL);(443 5/9 Scannell-MA);(454 1630 4/25 Yajko-PA)

GERMAN DEMOCRATIC REPUBLIC

9560 0340 R. Berlin International: Eng ID, nx (212 4/18 Uerlings-OR)
 9665 2204 RFI: Fr/Swedish/Eng/Ger/Ital multilingual sked ancnmts for Eur, 2209 IS and repeat, clear fqy (--- 4/12 Hauser-IL)
 9730 0113 RFI: Eng nx, ID (433 4/21 Fowler-ONT);(--2 *2255 in U/lang w/ nx? 4/16 Brigham-IL)
 17880 1416 RFI: Eng to SEA, ID, mx, (322 4/20 Smith-FL);(333 1930 in Sp 4/18 Talbot-WI)

GERMANY, FEDERAL REPUBLIC OF

6040 0127 Deutsche Welle: Eng w/ IS, ID, fqys, nx (444 5/2 Thompson-NM)
 9545 0550* Deutsche Welle: Eng w/ ID, s/off, into Ger (333 4/18 Beal-WA);(555 0545 4/30 Smith-FL)
 9605 0150* Deutsche Welle: Eng s/off (434 4/28 Yajko-PA)
 11905 1938 Deutsche Welle: Eng to Afr (444 4/26 Famularo-NJ)

GREAT BRITAIN

3975 0245 BEC: Eng w/ IS, y1 ID, tlk in U/lang (211 4/12 Smith-FL)
 5990 1100 BEC: Eng s/on into world nx (444 4/24 Redman-IL)
 7150 0605 BEC: Eng w/ nx (444 4/23 Redman-IL)
 7325 0145 BEC: Eng w/ spts (444 4/25 Rogers-ONT);(444 4/25 Redman-IL);(322 4/29 Talbot-WI);(333 0345 in Ar 4/22 Rogers-ONT)
 9580 1530 BEC: Eng w/ football playoffs (222 4/24 Talbot-WI);(443+ 1610 4/18 Earhart-PA)
 15070 1755 BEC: Eng w/ spts (343 4/16 Thompson-MM);(354 4/3 Fowler-ONT)
 15260 2030 BEC: Eng "A Jolly Good Show" (433 5/6 Gelfand-NY)

GREECE

7215 2130 Voice of Greece: Eng tlk, ID, mx (332 4/20 Famularo-NJ);(353 4/25 0150 in Greek Rogers-ONT)
 9730 *0015 Voice of Greece: Eng nx, local mx, this fqy this date only, possible test (433 4/18 Zilmer-WI)
 9760 *0015 Voice of Greece: Eng s/on, nx (323 4/28 Davis-KY);(Young-CA);(Fowler-ONT);(Radtke-CA);(Beal-WA);(Kasday-NJ);(Zilmer-WI);(Baker-IL);(Perry-QUE);(Breedon-MS);(Uerlings-OR);(Earhart-PA);(Pimblett-ALB);(Kaufman-NY);(Kelly-TN);(Klontz-CA)
 15345nf 1500 Voice of Greece: Greek s/on w/ anthem, IDs, Eng @ 1515 (121 5/6 Baker-IL)

HOLLAND

6165 0248 R. Nederland: Eng w/ Easter Egg Hunt (423 4/19 Bethge-MO);(444 4/24 Woltman-WI)
 17810 1454 R. Nederland: Eng to sAsia, SEA, FE, nx after "His and Hers" (343 4/20 Smith-FL)

HUNGARY

6000 0300 R. Budapest: Eng nx (422 4/25 Jones-MS);(344 5/11 Estes-MS)
 7215 0200 R. Budapest: Eng nx, comtry (433 4/24 Kasdat-NJ);(433 4/18
 Zilmer-WI);(433 4/10 Earh.rt-PA)

ICELAND

121754 1246 R. Reykjavik: Icelandic ancmts, mx, OM voices (312 4/20
 Young-CA) via PTT

ITALY

6010 0105 Radiotelevisione Italiana: Eng news (433 4/27 Redman-IL);
 (222 0045 4/20 Beal-WA);(242 0120 4/17 Nebron-CA)
 9575 0100 RAI: Eng w/ s/on, nx of quake (333 5/8 Straumanis-IL);(444
 4/19 Redman-IL);(433 4/16 Fowler-ONT)
 9710 *1935 RAI: Eng nx to Great Britain & Ireland (434 4/29 Butterfield-
 MA);(535 1830 in Ital 5/9 Somers-CA);(222 2229 in Ital 4/18
 Kurtz-WN)

LUXEMBOURG

6090 0000 R. Luxembourg: Eng ID, "208 News", into Eng DJ pgm w/ rock
 mx @ 0004 (333 4/28 Breeden-MS);(433 0010 4/27 Redman-IL)
 15350 1442 R. Luxembourg: Fr w/ U.S. rock mx (343 4/24 Miller-OH)

MALTA

6100 *0130 Deutsche Welle, Cyclops: Eng Saturday Magazine (333 4/11
 Hoffman-PA);(Uerlings-OR);(Straumanis-IL);(Worman-WI)

NORWAY

6185 0430* R. Norway: Eng w/ s/off (242 4/19 Nebron-CA)
 9645 0410 R. Norway: Eng w/ tlk on opera (455 5/10 Miller-WA);(343
 4/19 Nebron-CA)
 11870 0615 R. Norway: Eng tlk on holidays (444 4/19 Pimblett-ALB);(323
 4/18 Brookwell-CA)
 15175 1801 R. Norway: Eng nx, "Law of the Sea", last month used both
 15170 and 15175, looks like they've settled on 15175 (454
 5/9 Miller-OH);(443 1615 5/9 Scannell-MA);(433 1500 5/9
 Goto-CA)

POLAND

9540 1615 Polish R.: Eng "Panorama", Edgar Winter's "Frankenstein",
 1630* to Eur, *1830-1900* xmsn 322, different pgm (344 4/29
 Butterfield-MA);(342 4/20 Scannell-MA)

PORTUGAL

6025 0230 R. Portugal: Eng w/ tlk on election candidates (353 5/10
 Radtke-CA);(323 5/11 Uerlings-OR) (433 5/10 Miller-WA);
 (333 4/21 Pimblett-ALB);(322 4/17 Stephenson-CA)
 9670 2032 IBRA R.: Eng rel mx, tlk, 2100* (434 4/24 Famularo-NJ)
 *2200 Adventist World R.: Eng/Fr/Ger s/on into Hungarian pgm
 (434 5/1 Famularo-NJ)
 15170t 1450 R. Free Europe: U/lang w/ pop mx (131 5/2 Dean-OH)
 17735 1438 R. Free Europe: Romanian w/ rock mx, nx @ 1500, ID as "Radio
 Europa Libre" (343 4/25 Famularo-NJ)
 17835 1537 R. Free Europe: Czech? pgm, "This is Radio Free Europe" ancd
 in 3 languages @ 1537, U/lang @ 1700 (322 4/18 Talbot-WI)

ROMANIA

5990 0221 R. Bucharest: Eng comtry (342 4/21 Jones-MS);(221 4/18
 Miller-WA);(333 5/10 Hoffman-PA)
 9570 0425 R. Bucharest: Eng pgm (343 4/18 Uerlings-OR);(433 0225 4/18
 Redman-IL)
 11940 1500 R. Bucharest: Eng IS, nx (222 4/15 Makishima-JAPAN)
 15250 1315 R. Bucharest: Eng "Listener's Club" // 11940 (332) (333 4/17
 Zilmer-WI)

SPAIN

6065 0320 R. Nacional de Espana: Eng mx pgm (443 5/11 Estes-MS);
 (433 4/14 Redman-IL);(354 0356 5/12 Straumanis-IL);(433 4/20
 Pimblett-ALB);(443 4/21 Jones-MS)
 11380 0135 RNE: Eng nx (333 4/22 Fowler-ONT);(Thompson-NM);(Radtke-CA);
 (Famularo-NJ)
 11965nf 2145 RNE: Sp to the Americas 2145-0000 // 11945 11775 9630 9520
 9360, also 0100-0500 (444 5/12 Legge-VA)

SWEDEN

6120nf 2300 R. Sweden: Eng nx to NAM, back on this fqy again, replaces 6045, // 9695 11705 (433 5/4 Zilmer-WI)
 11955nf 0030 R. Sweden: Eng to NAM, new time and fqy (211 5/5 Zilmer-WI)
 15305 *1230 R. Sweden: Eng w/ IS, s/on, nx (434 4/13 Famularo-NJ); (Jones-MS); (Kurtz-MN); (Earhart-PA); (Rogers-ONT); (Yajko-PA)
 17795 1845 R. Sweden: Eng nx, tlk (322 4/21 Brigham-IL)

SWITZERLAND

6045 0145 SBC: Eng "Dateline" (333 4/12 Pollard-RI); (Stephenson-CA); (Earhart-PA); (Thompson-NM); (Radtke-CA); (Redman-IL); (Beal-WA)
 6135 0145 SBC: Eng nx, commtry (444 4/21 Thompson-NM)
 9590 0656 SBC: Eng to FE, nx (333 4/30 Smith-FL); (433 4/25 Yajko-PA)
 15140 1315 SBC: Eng nx (322 4/13 Kurtz-MN); (433 4/26 Rogers-ONT); (444 4/19 Earhart-PA)
 15295 1530 SBC: Eng nx (434 4/26 Kelly-TN)
 15430 1313 SBC: Eng to India, Asia, FE (444 4/18 Jones-MS)
 17830 1535 SBC: Eng nx (222 4/18 Beal-WA)

UNION OF SOVIET SOCIALIST REPUBLICSArmenian SSR:

9760 0323 R. Moscow, Yerevan?: Ar mx, tlk, Sp 0400-0430, RM IS, f/out (222 4/24 Brookwell-CA)

Azerbaijan SSR:

4958 0500 Baku R.: Lang w/ clear ID "Govorit Baku", no IS, Russ dance mx pgm (444 4/19 Brookwell-CA)

Byelorussian SSR:

9655 2300 R. Moscow, Orsha (L): Eng to NAM 2300-0030, R. Vilnius Lith/Eng 2230-2300, Sackville covers 0200, site in Ukraine? (444 5/10 Legge-VA)

Ukrainian SSR:

11750 2300 R. Moscow, L'vov: Eng to NA 2300-0030, actual site believed Plovdiv, Bulgaria (333 5/11 Legge-VA) Source(s)? rfb.
 15455 *1630 Radiostantsiya Atlantika, Simferopol': Russ w/ IS, nx, tlk, mx to 1730, ID "Govorit Radiostantsiya Atlantika" (444 5/13 Butterfield-MA); (453 1246 4/19 Jones-MS)
 *1730 Fifth Program relay Mayak, Simferopol': Russ w/ IS, time pips, nx, ID as "Mayak", to 2000, plays Russ/Fr/Eng mx selections (444 5/13 Butterfield-MA)
 *2000 Radiostantsiya Rodina, Simferopol': Russ w/ IS, time pips, ID "Govorit ...", nx, tlk, mx (544 5/13 Butterfield-MA); (353 1400 5/1 Earhart-PA)
 17880 1342 R. Moscow, Vinnista: Eng commtry, African Svc (333 5/1 Smith-FL)

European RSFSR:

6070 0230 R. Moscow: Eng nx, Sofia relay? (332 4/21 Jones-MS)
 7150 2352 R. Moscow: Eng tlk // 7250 (433 4/25 Yajko-PA)
 *0030 R. Kiev: Eng nx (433 4/11 Hoffman-PA)
 7205 2300 R. Moscow: Eng nx "Soviet Way of Life" (322 4/21 Talbot-WI)
 0030 R. Kiev: Eng nx (434 4/13 Perry-QUE)
 7355 *2100 R. Moscow: Eng w/ IS, s/on, nx (444 4/22 Famularo-NJ)
 0030 R. Vilnius: Eng w/ Soviet nx (433 5/2 Hoffman-PA)
 7360 2125 R. Moscow, Armavir: Eng w/ cl mx, nx (322 4/22 Talbot-WI); (333 4/22 in Sp @ 0410 Brookwell-CA)
 9745 2330 R. Moscow, Moskva: Sp to IA 2330-0400, believe site Plovdiv, Bulgaria (444 5/12 Legge-VA)
 9780 1936 Mayak: Russ w/ mx, tlk, weak, ID @ 2200, Second Program (222 4/16 Naylor-CA)
 11860 0300 R. Kiev: Eng w/ Panorama (553 4/20 Somers-CA); (343 0328* 4/12 Breeden-MS)
 12000 0655 R. Moscow, Armavir: Russ HS w/ tlk, mx interludes, Relay IS // 12020 12050 (222 4/27 Brookwell-CA)
 12040 0320 R. Kiev: Eng ID // 12050 (323) (221 4/24 Dean-OH)
 15100 0200 R. Moscow: Eng pgm to NAM, gave fqys as 17720 15240 15210 15100 12050 11870 9720 9680 9650 9530 9500 7250 7150 all to 0500* (444 4/24 Brookwell-CA); (353 4/27 Radtke-CA)
 15150 1100 R. Moscow, Simferopol': Russ to nAtlantic 1100-2130 // 15455 11810 (444 5/11 Legge-VA); (333 5/9 Scannell-MA) Believe various Russ programming as above, see 15455 Ukrainian SSR.

USSR (cont)

15180 0020 R. Moscow: Eng tlk on Russian railroads // 15140 (444 4/17 Naylor-CA); (222 0200 4/24 Brookwell-CA)
 15350 0039 R. Kiev: Eng "Ukraine Panorama" (453 4/21 Jones-MS)
 15350 0600 Radiostantsiya Rodina: Russ w/ IS, cl mx (222 4/24 Brookwell-CA)
 15425 1355 R. Moscow: Eng nx, comtry, African Svc (434 5/2 Yajko-PA)
 15505 1336 R. Station Peace and Progress: Eng tlk, comtry (343 4/18 Jones-MS)
 17765 0538 R. Moscow?: Russ w/ cl mx, ancmts (533 4/21 Young-CA) Rodina?
 17765 1658* R. Moscow: Eng w/ spts, s/off in African Svc, Russ @ 1700 (343 4/18 Earhart-PA)
 17825 1230 Radiostantsiya Atlantika: Russ ID, s/on, tlk // 17765 (343 4/15 Junqua-JAPAN)

VATICAN STATE

5960 0100 R. Vaticana: Eng rel tlk (444 4/26 Pollard-RI)
 6105 0100 R. Vaticana: Eng rel nx // 9605 (433 4/14 Zilmer-WI)
 9605 0115 R. Vaticana: Eng pgn into Fr (242 4/21 Goto-CA); (544 4/10 Earhart-PA)
 15120 2050 R. Vaticana: Eng rel tlk (433 4/26 Yajko-PA)
 17900 1703 R. Vaticana: Eng w/ mx, rel tlk, nx (343 5/1 Famularo-NJ)

YUGOSLAVIA

9620 *2200 R. Belgrade: Eng ID, nx (322 5/10 Estes-MS); (433 2204 4/20 Famularo-NJ); (322 2210 4/26 Yajko-PA); (322 2200 4/20 Hoffman-PA)

-Africa-

ALGERIA

15150~~5~~ 2135 Radiotelevisione Television Algierienne (HS): Ar w/ mx, 1 hr past WRTH sked (343 4/29 Earhart-PA)
 17790 1629 RTVA (HS): Ar chants // 9685 (443 4/20 Scannell-MA)

ASCENSION ISLAND

7270 0540 BBC, Atlantic Relay: Eng "The Week Ahead" (444 4/19 Redman-III)
 9510 0115 BBC, Atlantiv Relay: Eng "Outlook" (434 4/29 Naylor-CA)
 9580 0000 BBC, Atlantic Relay: Eng nx (343 4/2 Crable-ID)
 17840 1545 BBC, Atlantic Relay: Eng mx (444 4/16 Earhart-PA)

BENIN, PEOPLE'S REPUBLIC OF

4870 2000 Radiodiffusion Benin: Eng nx 2000-2005, ID in Fr seemed to be "La Voix de la Revolution du Beninoise", nx in Vern, anthem and s/off 2303* (444 4/20 Brooks-SARDINIA); (544 5/1 2008 Fr, Kobayashi-JAPAN); (443 1745 5/4 Junqua-JAPAN); (444 C603 5/2 Redman-IL); (343 2155 4/26 Yajko-PA); (122 0620 4/28 Uerlings-OR); (121 4/18 Makishima-JAPAN)

BOTSWANA

4845 0420 R. Botswana: Eng w/ older U.S. pop mx (232 4/19 Bixby-HI) Vacation time for Mark (333 0354 4/17 Thompson-NM) later logging in Setswana. rfb.

BURUNDI

4900 1852 R. Cordac: Fr w/ two men tlk, afro song @ 1902, 1907 f/out (433 5/4 Kobayashi-JAPAN)

CAMEROON

4972.5 1958 R. Yaounde: Fr w/ two YL conversation (454 5/2 Kobayashi-JAPAN)

CANARY ISLANDS

11965 2210 R. Nacional de Espana: Sp to Americas ID 2217 (444 4/20 Beal-WA)
 15375 2145 RNE: Sp pgn hrd 2145-0000 and 0100-0200 // 11965 (444 5/12 Legge-VA)

CENTRAL AFRICAN REPUBLIC

5038 2018 Radiodiffusion Nationale Centrafricaine: Fr w/ mx, afro pop, ID (533 5/5 Kobayashi-JAPAN)

CHAD
4904.5 1837 Radiodiffusion Nationale Tchadienne: Fr w/ tlk, afro mx pgm
(554 5/1 Kobayashi-JAPAN);(453 2055 4/21 Brooks-SARDINIA)
7120 1522 RNT: U/lang w/ continuous afro singing (233 4/22 Bodell-OR)

CONGO, PEOPLE'S REPUBLIC OF THE

15190 1730 Voice of Namibia (RTVC): Eng comtry, IDs as "This is the
Voice of Namibia coming to you via the facilities of the
Voice of the Congo Revolution" (323 4/26 Butterfield-MA);
(121 1755 in U/lang w/ Eng ID and s/off 5/10 Straumanis-IL)
2130 Radiodiffusion Television Congolaise/La Voix de la
Revolution: Eng nx (434 4/27 Butterfield-MA);(333 5/4
Famularo-NJ);(222 2120 5/8 Gelfand-NY);(443 1730 in Fr
5/9 Estes-MS);(333 5/8 Crews-FL);(533 4/11 Worman-WI);
(444 4/26 Yajko-PA);(444 2039 4/16 Earhart-PA);(454 4/11
Smith-FL);(433 4/16 Pimblett-ALB)

EGYPT, ARAB REPUBLIC OF

6170 2230 R. Cairo (HS): Ar w/ non-stop mx (444 4/26 Redman-IL)
9455 0430 R. Cairo (HS): Ar w/ chanting, tlk (--2 4/28 Cleveland-CA)
9475 0226 R. Cairo: Eng pol tlk, mx, nx (434 4/22 Bethge-MO);(Dean-OH);
(Stephenson-CA);(Pollard-RI);(Redman-IL);(Thompson-NM)
9805 2310 R. Cairo: Eng stamp club (444 5/8 Redman-IL)
9850 0450 R. Cairo (HS): Ar "Voice of the Arabs" pgm, ID 0500 (--3
4/28 Cleveland-CA)
12005 2125 R. Cairo (HS): Ar chants (434 4/26 Yajko-PA)
15210 1928 R. Cairo: Ar/Hausa w/ s/on, ID, Qur'an (333 5/8 Crews-FL)
17670 1257 R. Cairo: Eng mx (433 4/28 Smith-FL)
17745 1540 R. Cairo (HS): Ar mx (343 4/16 Earhart-PA)

ETHIOPIA

7165 0403 ETLF: Eng nx, comtry to 0415, 5 min rel tlk, mx, 0425* (444
4/13 Bixby-HI)
11830 2005 ETLF: Eng rel pgm (242 4/25 Rogers-ONT);(353 4/11 Fowler-ONT)
15250 0435 ETLF: U/lang rel pgm (343 4/23 Beal-WA)

GABON

4777 2045 Radiodiffusion Television Gabonaise: Fr w/ afro marching
song, tlk, intvw, ID @ 2121 (544 5/3 Kobayashi-JAPAN);(322
0533 5/6 Bodell-OR);(322 0510 4/23 Redman-IL);(333 2147
4/26 Yajko-PA)
4830 2303 RTVG, Franceville: Fr w/ afro mx, drums, ancmnt (232 5/8
Miller-OH)

GHANA

3350 0535 Ghana Broadcasting Corporation 2, Ejura: U/lang rel mx pgm
// 3366 (333 5/9 Crews-FL)
3366 0535 GBC 2, Accra: U/lang rel mx pgm (333 5/9 Crews-FL)
4915 0605 GBC 1, Accra: Eng nx, ID (222 4/14 Breeden-MS);(444 4/26
Yajko-PA);(433 0625 4/19 Redmen-IL);(--3 4/23 Cleveland-CA);
(343 4/20 Famularo-NJ);(433 5/11 Goto-CA)
6130 2150 R. Ghana (GBC): Eng w/ piano mx, ID @ 2159, nx 2200 (242
4/30 Miller-OH);(433 2212 4/26 Redman-IL)

GUINEA-BISSAU

5041 *0559 R. Bissau: Port w/ s/on, anthem, tlk (232 5/6 Bodell-OR);
(142 0655 5/2 Breeden-MS)

GUINEA, REPUBLIC

7125.9m 0715 Radiodiffusion Nationale: Fr w/ hi-lifes (322 4/21 Brigham-
IL)
11965 1635 R. Nationale: U/lang w/ local mx, f/out 1645 (221 4/29 Beal-
WA)

IVORY COAST

4940 2330 Radiodiffusion Television Ivoirienne: Fr tlk, phone calls,
afro mx, 2355* (444 5/1 Redman-IL);(222 2031 4/18 Makishima-
JAPAN);(433 2246 4/26 Yajko-PA)

KENYA

4950 1720 Voice of Kenya: Vern w/ local hymn-like mx, tlk, ID @ 1730
(443 5/4 Junqua-JAPAN)

LIBERIA

4770 2150 ELWA: Eng rel mx, tlk (333 4/26 Yajko-PA);(242 2255 5/8 Miller-OH);(322 4/22 0705 Redman-IL);(342 in U/lang © 2015 4/18 Makishima-JAPAN)
 6035 0730* VOA, Monrovia: Eng ID, s/off (444 4/25 Uerlings-OR)
 7195 0430 VOA, Monrovia: Eng pop mx (--3 5/1 Cleveland-CA)
 7280 0315 VOA, Monrovia: Eng afro nx (353 4/3 Fowler-ONT);(343 4/25 Thompson-NM)
 9515 2005 VOA, Monrovia: Eng ID (311 4/17 Dean-OH)
 15445 2110 VOA, Monrovia: Eng afro nx (353 5/9 Somers-CA);(233 1906 5/2 Dean-OH);(322 2130 5/13 Butterfield-MA)
 17795 1730 VOA, Monrovia: Eng comtry (444 4/26 Smith-FL)

MALAGASY REPUBLIC

11730 *1957 R. Nederland, Talata: Eng IS, s/on, anthem, nx block (333 5/8 Crews-FL);(555 5/1 Talbot-WI);(343 4/15 Thompson-NM)
 Best bet for Madagascar, 2000-2120 daily beamed to wEur. rfb.

MAURITANIA

4845 0615 Radiodiffusion Nationale Mauritanie: Fr w/ guitar mx, ID © 0621, mx (333 5/6 Crews-FL);(444 4/22 Redman-IL);(444 2205 in Ar 4/21 Brooks-SARDINIA);(433 2224 4/22 Famularo-NJ)

MOROCCO

15360 1515 Radiodiffusion Television Marocaine: Ar tlk, chants (333 4/23 Scannell-MA)

MOZAMBIQUE

4855a 1800 R. Mocambique: Port w/ tlk, mx, f/out (111 4/19 Makishima-JAPAN)

NIGER

5020 *0525 Office de Radiodiffusion Television du Niger: Fr w/ carrier on, anthem © 0528, IS, ID, mx (322 5/7 Crews-FL);(131 0601 5/6 Bodell-OR)

NIGERIA

3396 0525 Nigerian Broadcasting Corporation, Kaduna: U/lang w/ local and pop mx, drums 0531 (333 5/9 Crews-FL)
 4990 0444 NBC, Lagos: Eng w/ comtry, chorus (232 5/9 Miller-OH)
 6195 0515 NBC, Sokoto: Lang w/ afro vocals (232 5/8 Bixby-CA)
 7275 *0555 Voice of Nigeria (NBC): Eng w/ chimes © 0545, drums © 0550, anthem © 0555, ID, fays, nx (333 5/5 Brigham-IL);(433 4/19 Redman-IL);(433 4/14 Worman-WI);(222 4/9 Follard-RI);(343 4/30 Kelly-TN)

RHODESIA

3396 0358 Rhodesia Broadcasting Corporation: Eng tlk, TC, nx © 0400 (322 4/21 Brigham-IL);(--2 4/23 Cleveland-CA);(322 0415 5/6 Crews-FL);(332 0425 4/6 Earhart-PA)

RWANDA

7225 0430 Deutsche Welle, Kigali: Eng ID, nx, mx (333 4/17 Thompson-NM)

SEYCHELLES

11810 0426 Far East Broadcasting Association: Eng w/ test to eAfr, mx, request for rpts (333 4/23 Crews-FL);(222 1735 4/24 Beal-WA);(242 1616 4/16 Nebron-CA)

SOMALIA

9585 1944 R. Mogadishu: Somali w/ exotic mx, ancmts (322 4/12 Bixby-HI)

SOUTH AFRICA

3230 0400 R. RSA: Eng ID, nx (322 5/9 Crews-FL)
 3250 0230 SABC, Springbok R.: Eng w/ mx, ads 0300* (343 4/17 Thompson-NM);(422 4/14 Redman-IL)
 4835 0440 SABC: Eng tlk (--3 4/23 Cleveland-CA);(422 4/14 Stephenson-CA)

SOUTH AFRICA (cont)

4875 0410 SABC: Afrikaans tlk (--3 4/26 Cleveland-CA);(121 4/17 Makishima-JAPAN);(333 4/14 Miller-WA);(422 4/14 Redman-IL);(322 4/22 Stephenson-CA)
 9585 1806 R. RSA: Fr nx, 1808 ID (444 5/4 Junqua-JAPAN)
 *2230 R. RSA: Eng to Nam, ancd // 4875 (333 5/2 Hoffman-PA);(323 5/8 B Miller-CA);(333 4/18 Kurtz-MN);(555 4/10 Smith-FL);(211 5/1 Redman-IL);(454 Fowler-ONT)
 21535 1350 R. RSA: Eng tlk on vacations (353 4/25 Yajko-PA);(443 5/2 Famularo-NJ);(353 4/17 Miller-OH)

SWAZILAND

4980 *0458 Swaziland Commercial Radio: Eng w/ popcorn IS, ID, mx (333 4/26 Uerlings-OR);(444 5/11 Goto-CA)

TANZANIA

5050 1930 R. Tanzania: Vern w/ native songs, tlk, modern afro song, time pips, nx? (333 5/4 Kobayashi-JAPAN);(151 1824 4/17 Makishima-JAPAN)

TOGO

5047 *0530 Radiodiffusion du Togo: Fr hymn, IS, s/on, tlk, nx @ 0615 (222 4/15 Brookwell-CA);(--2 4/23 Cleveland-CA);(543 2003 5/4 Kobayashi-JAPAN);(333 4/10 2245 Perry-QUE)

UGANDA

9730 2030 Uganda Broadcasting Corporation: Eng ID, nx (222 5/28 Beal-WA);(242 4/12 Bixby-HI)
 15325 *1800 UBC: Eng w/ drum IS, local mx, RCI QRM (433 5/9 Butterfield-MA)

UPPER VOLTA

4815 *0545 Radiodiffusion Television Voltaique: Fr w/ IS, ID, anthem, into local mx (333 5/3 Crews-FL)

ZAIRE

4750 2001 R. Lumbumbashi: Fr tlk (333 4/18 Makishima-JAPAN)
 15350 1915 La Voix du Zaire: Fr w/ local mx to 1930, tlk (433 4/16 Pimblett-ALB);(322 1810 ?? Beal-WA);(444 0011 in Vern 5/10 Miller-OH)

ZAMBIA

3295 0427 R. Zambia (HS): Vern tlk (333 4/19 Young-CA)
 4911 0501 R. Zambia (HS): Eng nx, ID, into vern (442 4/25 Famularo-NJ)
 4950 1807 R. Zambia: Vern w/ DJ type pgm, ID @ 1815 (454 5/4 Kobayashi-JAPAN)

-Clandestine-

CLANDESTINE

10110 1744 R. Espana Independiente (Bucharest): Sp tlk // 12140 (433) 14482 (211) (333 4/23 Famularo-NJ)

EUROPE /AFRICA ROUNDUP:

Ciao! Thanks as always go to new reporters: Allan Davis, Mark Goto, Mort Kasday, Maeashi Kobayashi, Roger Legge, Benton Owsley, Eunice Pollard, Wesley Rogers, Lim Wallman, Jeff Worman, and Hyodo Nobuyuki. Again, a lot of reports.

Some news now, BBC MS items appear with permission:

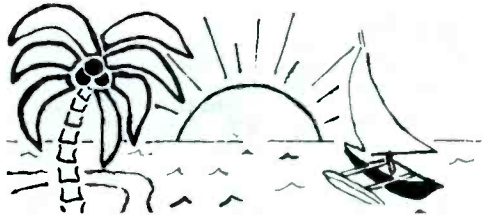
Swaziland Commercial Radio - Swaziland: From Mark Bixby, fresh from a stay in beautiful Hawaii comes info on the new make-up of old SMR: "I have heard two IDs, "Swazi Radio" and "Swaziland Commercial Radio" ... sign-on is at 0500 GMT. On weekdays (GMT) there is a program called "Hello 27" for the Portuguese community. On weekends (GMT) they have an English transmission instead of Portuguese and they have several programs". tnx Mark.

Gamma Radio - Italy: A new broadcaster calling itself "Gamma Radio" from Milan, has been observed from 1000 until 2215 and again at 2330, also observed at 0430. Frequency is 6208. Programmes consist almost entirely of music. (BBC MS) 73 Bob

ASIA-OCEANIA

BOB BODELL - EDITOR
5230 S.E. 48th AVE
PORTLAND, OR 97206

DEADLINE: 15th of the month



OCEANIA



FREQ TIME SIO LOCATION

AUSTRALIA		C=Canarvon	L=Lyndhurst	S=Shepparton
4920	1348	--1	CA	ABC Brisbane: EE w/ pop mx (Cleveland 4/28)
5995	1030	454	TN	RA(L): EE w/ "Countdown" (Kelly 4/14)(B. Miller CA)
6005	0915	545	CA	RA(L): EE mx, nx (B. Miller 4/30)(Zilmer 5/2)
6035	1430	212	MN	RA(C): no IS, annx, just on w/ EE nx (Miklejewski 5/8)
6140	1309	343	ALB	ABC Perth: EE w/ local nx (Pimblett 4/15)(Cleveland)
6150	1350	--2	CA	ABC Melbourne: EE w/ pop mx (Cleveland 4/27)
7215	1100	454	TN	RA(C): EE nx (Kelly 4/15)(@ 1544 Mercado CA)
7220	1206	222	FL	RA(S): EE nx, ID, mx (Smith 4/19)(Uerlings OR)(Zilmer)
7235	1200	322	WI	RA(S): EE nx (Zilmer 5/6)
7290	1515	333	CA	RA(S): EE nx(Naylor 4/24) sked 1430* now....reb.
9515mf	1129	232	MS	RA(S): EE ID, nx (Jones 5/2)(Miklejewski MN)(Zilmer)
9570	0715	434	CA	RA(S): EE w/ mx, TWR QRM (B. Miller 4/23)
9580	1115	433	MN	RA(S): EE nx, ID, mx (Kurtz 4/17)(Kummer KY)(Woltman WI)(Kelly TN)(Arneson MO)(Smith FL).....
9600	1300	222	MS	RA(S): Indo pgmr, 1330 Thai (Jones 5/2)(Miklejewski)
9610	1120	332	NJ	ABC Perth: EE nx, mx (Famularo 4/30)(Jones MS)(Miller WA)
9760	0945	444	JPN	RA(S): EE tlk, 1000 into JJ (Hyodo)
9770	1525	444	CA	RA(S): EE ID, nx, mx (Somers 5/8)(@ 1145 Earhart PA) (@ 1003 Smith FL)(@ 1357 Naylor CA).....
11780	0445	343	IL	RA(S): EE w/ annx of NZBC's external service being closed down, //s (Hauser 5/2)(Talbot WI).....
11810	1030	444	JPN	RA(S): JJ w/ "Hello Japan" (Hyodo 3/25)(in EE by Perry QUE)(@ 1400 Miklejewski MN)(@ 1124 Smith FL).....
11835	0509	455	CA	RA(S): EE nx, mx in African svce (Owsley 5/9)
11870	2345	222	CA	RA(?) : EE nx, pop mx (Stephenson 4/13) no longer used
11965	1504	243	MN	RA(S): EE nx by OM (Miklejewski 4/18)
15160	0326	313	MN	RA(L): EE w/ "Brighter Day", mx (Miklejewski)(Bixby)
15190	0640	433	CA	RA(C): EE nx, "International Report", ID (B. Miller 4/20)
15230	0450	242	CA	ABC Melbourne: racing, // 15240 (Nebron 4/19)(Pimblett)
15290	0530	232	CA	RA(S): EE tlk, then FF, // 17820(Owsley)(Miklejewski)
15320	0155	454	OH	RA(S): EE w/ IDs, nx, 0259* (Miller 5/10)(Owsley CA) (Smith FL)(Stephenson CA)(Miklejewski MN).....
15355	0230	333	RI	RA(S): EE ID, s/off (Pollard)(Thompson NM)(Miller CA)
15425	0436	332	MN	ABC Perth: EE nx, horse racing (Miklejewski)(Pimblett)
17795	0230	344	IL	RA(S): EE to NA (Brigham 4/21)(Famularo NJ)(Perry QUE) (Thompson NM)(@ 0021 in FF YaJko PA).....
17870	0223	333	FL	RA(S): EE mx, ID, nx, "International Rpt" (Smith 4/28)

AUSTRALIAN BROADCASTING COMMISSION

COOK ISLANDS

3265t 0501 333 CA R. Cook Islands: vern annx, mx, EE? @ 0510 (Young 4/10)

NEW CALEDONIA

7170 0710 332 IL R. Noumea: FF w/ EE lessons (Brigham 4/21)(Goto CA) (Pimblett ALB)(Stephenson CA).....
11710 0615 343 HI RN: FF w/ pop mx (Bixby 4/11)(Uerlings OR)

NEW ZEALAND-RADIO NEW ZEALAND NO LONGER ON SHORTWAVE. DETAILS IN DATELINE

6105 1102 343 FL RNZ: EE nx (White 4/10)(Zilmer WI)
9540 1015 353 FN RNZ: EE mx (Kelly 4/24)
9585 0615 444 TN RNZ: EE annx no longer on after 4/30 (Kelly 4/30)
11780 0603 343 PA RNZ: EE nx, // 9585 (Earhart 4/24)(Bixby HI)

NEW ZEALAND (continued)

11845 0300 222 CA RNZ: EE nx, wx (Brookwell 4/27)(Miklejewski)(Earhartt)
 15380 0404 353 MS RNZ: EE nx, mx (Jones 4/21)(Miller OH 4/30)(Perry
 QUE 4/22)(Miklejewski MN 4/20)(Nebron CA 4/25).....

PAPUA NEW GUINEA

3385 1145 242 MN R. East New Britain: pop mx, ID, 1200* (Miklejewski 4/28)
 3905 0935 221 WA R. Manus: Pidgin tlk, EE vocals (Beal 4/15)
 4890 1100 433 JPN NBC, Port Moresby: EE nx, interviews, TC, mx, 1301*
 (Ishizaki 4/29)(Jones MS)(Thompson NM)(Kelly TN).....
 9520 0800* 222 MS NBC: EE/Pidgin w/ nx, mx, pop mx, IDs (Breedon 5/2)
 (Smith FL)(Stephenson CA)(Bixby HI)(Pimblett ALB).....

TAHITI

6135 0730* 343 MS RT: Tahitian ID, island mx, "LM" (Jones 5/4/4)(Bixby CA)
 11825& 1600- --- NA RT: heard w/ good signal in FF/TT w/ pop mx, island mx,
 15170 0300 1900 EE nx (Hardester)(Goto CA)(Estes MS)(Miller OH)
 (Pimblett ALB)(Thompson NM)(Earhart PA)(Stephenson CA)



ASIA



AFGHANISTAN

3284t 1327 232 CA R. Afghanistan: mideast type mx (Young 4/13)

BANGLADESH

11890 1425 343 OR RB: Pushto? w/ sc mx, ID, off, then 1432 Urdu (Bodell 5/11+)

BRUNEI

4865 1356 --2 CA R. Brunei: B. Malaysia w/ Malay mx, ID (Cleveland 4/28)
 7215 1407 --2 CA RB: pop & honky tonk mx, EE ID (Cleveland 4/28)

BURMA

4725 1255 332 OR BBS: children's chorus (Bodell 5/18)
 5040 1403 --3 CA BBS: Burmese tlk (Cleveland 4/27) 1430-1600 EE..reb.

CAMBODIA

4908 1155 333 OR R. Democratic Cambodia: YL w/ Khmer songs (Bodell 5/9)

CHINA

3310 1130 332 TX Jilin JKT, Changchun: CC w/ screaming YL (Vokes 4/17)
 3535 1421 243 CA PLA 1: CC tlk by OM, mx (Mercado 4/1)
 3930 1225 222 OR Chifeng: CC instrumentals (Bodell 5/17)
 4883a 1400 232 OR R. Peking: IS, ID, u/lang tlk (Uerlings 4/24)
 4924 1109 242 MS Ha'erbin: w/ CC tlk (Jones 4/16)(Uerlings OR)
 5020 1257 232 OR Jiangxi JKT, Nanchang: revolutionary mx (Bodell 5/18)
 6290 1120 --3 CA RP: Laotian (L) w/ YL tlk (Cleveland 4/17)
 6345 1223 333 CA Beijing 2: CC choral mx (Naylor 4/26)(Cleveland CA)
 6350t 1234 433 CA Beijing? w/ JJ mx (Naylor 4/26) is KK, R. Echo of Hope
 6955 0945 434 JPN RP: JJ nx by OM (Hyodo 3/2/4)(CC @ 1428 Mercado CA)
 7025 1015 333 WA PLA 2: Amoy annx, violin mx (Beal 4/18)
 7480 1525 343 CA RP: w/ "Internationale" (Mercado 4/4) 中华人民共和国
 7504 1515 343 CA RP: CC tlk, mx (Mercado 4/4)
 9440 0130 444 RI RP: EE cmtry (Pollard 5/1) 北京广播电台
 9460 1000 443 WI RP: EE cmtry (Zilmer 4/19)
 9500 *0000 333 PA RP: SS s/on (Yajko 4/26) is Tiranat, also 9780
 9860a 0158 222 MN RP: IS, EE annx (Kurtz 4/21)
 9900 1715 222 CA RP: CC tlk, "Internationale" (Brookwell 4/15)
 9940 1845 333 CA RP: FF tlk, ID (Brookwell 4/13)
 9965 2227* 242 NJ RP: PP w/ CC singing, "Internationale" (Famularo 4/19)
 10208 1100 544 JPN China Press Broadcasting Sta: CC w/ nx (Oriyama 5/5)
 11375 1430 333 MN RP: Turkish, "EIR", nx, ID, CC mx (Miklejewski 4/21)
 11455 1600 221 MN RP: RR w/ "Govorit Peking", nx (Miklejewski 4/20)
 11650a 1400 232 MN RP: EE tlk, nx (Miklejewski 4/27)
 11695 0410 222 CA RP: SS w/ classical mx, opera (Brookwell 4/26)
 15062 0045 333 QUE RP: EE YL w/ short story, 0058* (Perry 4/21)(Yajko PA)
 (Brookwell CA)(Miklejewski MN).....
 15080 0130 222 CA RP: SS w/ tlk, ID, // 15385 (Brookwell 4/25)
 15095 0014 343 PA RP: SS tlk (Yajko 5/2) @ 0125 CC Brookwell (Yajko)
 15385 0135 222 CA RP: SS tlk by YL, // 15080 (Brookwell 4/25)

CYPRUS

15400 0736 222 FL BBC: EE sprts, nx, cmtry (Smith 4/30) Ascension listed
 15420 0400 --3 CA BBC-Limassol: EE ID, site, nx (Cleveland)(Pimblett ALB)

INDIA

9525 2131 343 NJ AIR-Aligarh: EE ID, sked, nx, mx (Famularo)(Yajko PA)
 9912 2200 232 MS AIR-Delhi: EE nx, mx (Breeden 4/25)(Zilmer WI)(Yajko)
 11810 1458 233 MN AIR-Aligarh: EE nx, freqs, IS, 1503* (Miklajewski 4/21)
 11825 2319 232 ALB AIR-Delhi: EE w/ Indian mx, tlk (Pimblett 4/18)
 15080 1635 222 OR AIR-Bombay: weak Hindi tlk, Iran QRM (Bodell 5/17)

All India RadioINDONESIA

3204 1238 222 OR RRI Bandung: Indo songs, YL tlk (Bodell 5/17) /4/8)
 3251 1313 333 JPN RRI Banjarmasin: Indo w/ local mx, chants, ID (Junqua
 3294.5 1349 333 JPN RRI Samarinda: Indo w/ island mx, 1359 ID (Junqua 4/8)
 3306 1359 333 CA Unid RRI: local IS, RRI IS, RRI nx (Young 4/13) Bukit-
 3325 1203 222 OR RRI Jayapura: Indo w/ nx by OM (Bodell 5/17) tinggi
 3473 1215 131v OR RKPDK TKT II, Jombang: Javanese? tlk, mx (Bodell 5/17)
 3715 1333 422 CA Unid Indo w/ US pop tunes (Young 4/21)RKPDK on 3710v?
 3762t 0915 332 WA RKPDK Tuban: Indo nrx, mx (Beal 4/15)
 3945 1232 222 OR RRI Dempasar: Indo w/ Indo tlk (Bodell 5/12) /4/17)
 3960 1140 322 TX RRI Padang: Islamic chants, "Love Ambon", ID (Vokes)
 3995 1329 --2 CA RRI Tanjung Karang: Indo vocals, 1400 nx (Cleveland)
 4000 1235 222 OR RRI Kendari: OM in Indo w/ nx? (Bodell 5/17)
 4601 1218 222 TX RKPDK Trenggalek: Indo w/ rock mx (Vokes)(Junqua JPN)
 4719 1418 343 OR RRI Ujung Pandang: Indo w/ relig mx, tlk (Uerlings 5/8)
 4848 1345 --2 CA RRI Ambon: Indo w/ YL tlk (Cleveland 4/27)
 4871 1345 --3 CA RRI Sorong: Indo annx by OM, ID, 1400* (Cleveland 4/29)
 4954 1230 221 TX RRI Banda Aceh: Indo tlk, bird call, "LA" (Vokes 4/19)
 5968 1240 343 TX RRI Banjarmasin: Indo w/ old pop mx, ID (Vokes 5/2)
 5987t 1232 342 MS RRI Menado: Indo? tlk, chimes, "Radio.." (Jones 4/16)
 6045 1345 --2 CA RRI Jakarta: Indo mx, tlk (Cleveland 5/1)
 7070 1320 333 OR RRI Jakarta: Indo tlk by OM, // 4805, ex-7058 (Bodell)
 11789 1310 443 TX VofIndonesia: FF ID, instrumental mx, ID (Vokes 5/2)

IRAQ

11785 1750 333 OR R. Baghdad: AA singing, 1759 AA annx (Bodell 5/6)

IRAN

9022 1953 432 MA VOI: FF, IS, 2000 EE pgrm, ID (Brick 4/25)(Miller OH)
 15084 0525 343 OR VOI: ID, IS, Parsi nx (Uerlings 5/11)(@ 1640 Smith FL)
 (@ 1711 Famularo NJ)(@ 1818 Miklajewski MN)(Vokes TX)..
 15135 0406 --- CA VOI: Parsi annx, mx, // 9022, 15084 (Young 4/21)

ISRAEL

7412* *2230& 444 WI IBA: EE nx, relig pgrm (Worman 4/15)(Brigham IL)
 *0500 (Kasday NJ)(Smith FL)(Famularo NJ)(Pimblett ALB)(Yajko)
 7462* 0430 444 PA IBA: Hebrew tlk, orch. mx (Earhart 4/22)
 9009 2006 242 PA IBA: EE nx of Israel (Yajko 4/26)(@ 0502 Uerlings OR)
 9435nf 2245 243 IL IBA: EE spec pgrm to Canada, //s (Hauser 5/2)(Zilmer)
 9815 *2000 333 MN IBA: EE nx, "Calling All Listeners" (Wallman 4/11)
 (Thompson NM)(Famularo NJ)(Smith FL)(Uerlings)(Yajko)
 9820 *2230 333 NJ IBA: EE nx, tlk, DX pgrm (Kasday 5/2)(Baker IL)(Kurtz)
 11600 2200 443 WI IBA: Heb HS, tlk, pop mx, ads to past 0000 (Zilmer 5/4)
 11625nf 2245 233 IL IBA: EE to NA, // 12045, 9435 (Hauser 5/2)(Zilmer WI)
 11645 *2000 444 NY IBA: EE pgrm, 2030 FF (Gelfand 5/6)(Hoffman PA)(Nebron
 CA)(Brigham IL)(Woltman WI)(Thompson NM)(C. Miller WA)
 11655 1200 141 WI IBA: EE to NA, 2200 FF (Zilmer 5/2)
 15100 1210 443 OH IBA: EE to NA (Miller 5/1)(Zilmer WI)(Jones WI)(Nebron)
 15485 1200 222 WI IBA: EE nx, 1230 FF (Zilmer 5/8)
 15512* 1450 343 MN IBA: Hebrew HS, nx, mx, ads, annx (Miklajewski 4/16)
 17685 1550 343 WA IBA: Yiddish pgrm, ID (Beal 4/18)

RADIO JAPANJAPAN

3259 1225 322 OR NHK Sendai: JJ tlk, Guiyang QRM (Bodell 5/18)
 3377 1210 323 OR NHK 2, Osaka: JJ tlk by OM (Bodell 5/17)
 3607 1220 333 OR NHK Kawaguchi: hi-speed JJ tlk by OM (Bodell 5/17)
 3910 0855 434 JPN FEN, Tokyo: mx, 0900 EE nx (Hyodo)
 3925 0915 455 JPN NSB: JJ tlk, "Hello Jeagram" (Hyodo)
 5990 1712 333 ALB RJ: EE, "Current Topics" (Pimblett 4/16)(Zilmer 4/30)
 6055 1045 342 WI NSB: EE/JJ "Let's Learn Japanese", 1530 "Tokyo Forum"
 (Zilmer 4/30)(Pimblett ALB)(Brookwell CA)(Cleveland)

JAPAN (continued)

6155	1650	333	ALB	FEN: EE w/ pop mx, 1700 nx (Pimblett 4/16)
9505	2100	322	MO	RJ: EE nx, topics (Arneson 4/26)(Bixby HI)(Yajko PA)
9525	1312	222	CA	RJ: JJ, weak, heavy VOA QRM (Naylor 4/15)
9585	1610	555	CA	RJ: EE w/ world nx (Somers 5/8)(Kelly TN)(Yajko PA)
9595	1533	333	ALB	RJ: EE w/ "Tokyo Forum" (Pimblett 5/1), in JJ (Miller OH)(Miklejewski MN)(C. Miller WA)(Cleveland CA).....
9605	*0859	222	FL	RJ: EE/JJ ID, IS, nx (Smith), 1900 in RR (Uerlings OR)
9675	1115	323	QUE	RJ: EE nx, w/ strong het (Perry 4/26) 4/12
9760	0430	333	CA	NSB: JJ YL reporting sports event to 0500 (Brookwell)
11705	2045*	242	CA	RJ: EE w/ "DX News", s/off (Nebron 4/11)
11700	0504	242	CA	FEN: EE, ID, nx, wx (Nebron 5/6)
15105	0158	454	MS	RJ: EE w/ IS, ID (Jones 4/20)(@ 0300 Cleveland CA)
15260	0506	343	OR	FEN: EE w/ basket ball game (Uerlings 4/24)
15270	*2345	433	PA	RJ: EE s/on, // 15300 (Yajko 4/21)(Silva CA)
15300	0020	333	CA	RJ: EE mx, nx, ID, freqs, 0045* (Silva)(Famularo NJ)
15310	0600	444	ALB	RJ EE, nx, "Current Topics", JJ @ 0615 (Pimblett 4/24)

D. P. R. KOREA

2775	1218	333	OR	Hamhung: KK speech, // 2850, 3031, 3320 (Bodell 5/18)
3560	1348	--2	CA	R. P'yongyang: EE pgrm, s/off annx (Cleveland 5/7)
7580	1130	322	WI	RP: RR tlk, mx, // 9420 (Zilmer 5/1)
9420	*1000	544	CA	RP: EE annx, nx, mx, 1050* (Goto 4/20)(white FL) (B. Miller CA)(1200-1350 Zilmer WI).....
9510	1100	433	WI	RP: JJ tlk, mx, // 11535 this time only, 1152* (Zilmer)
9820	0735	222	CA	RP: EE to SEA, jammed? (Brookwell 4/21)
9978	1810	222	CA	RP: EE tlk, KK mx (Stephenson)(Brookwell)(2110 FF Yajko)
11535	1000	332	WI	RP: EE nx, cmtry, 1048*, // 9420 (Zilmer 4/25)
12075	0742	444	OR	RP: EE cmtry w/ YL (Uerlings 4/24)

REPUBLIC OF KOREA

9640	1558	444	ALB	RK: EE pgrm to 1600 (Pimblett 4/18)(@ 1150 Zilmer WI)(@ 0805 B. Miller CA)(@ 1530 C. Miller WA).....
11850	1830	444	CA	RK: EE s/off (Silva 4/21)(@ 1150 Perry QUE)
11860	1130	232	VA	RK: EE nx, cmtry (Legge 5/9), and @ 1800 (C. Miller WA)(Stephenson CA)(Pimblett ALB).....



KUWAIT

11940	1700	444	QUE	R. Kuwait: EE w/ pop mx, nx, 2000* (Perry 4/17) (Miller OH)(Famularo NJ)(Breedon MS)(Zilmer WI).....
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MALAYSIA

4985	1335	433	CA	RM-Penang: BM ID, nx, 1400 EE (Goto 5/8)(Cleveland CA)
7180	1245	444	NM	BBC-Tebrau: "EE by Radio" (Thompson 4/30)(Mercado CA)
9515	1612	433	JPN	RM-KL: BM ID, Qur'an, 1630* (Junqua 4/12)(Naylor CA)
9665	1537	444	JPN	RM-KL: EE/BM nx, wx, mx (Junqua 4/18)(Cleveland CA)
9740	1245	243	MS	BBC-Tebrau: EE sports nx, // 11750 (Breedon)(White FL)
11750	2130	333	WI	BBC-Tebrau: EE pgrm (Talbot 5/1)
11955	0030	222	OR	BBC-Tebrau: EE w/ ID in SEA svce (Uerlings 4/14)
15435	0000	242	CA	BBC-Tebrau: EE nx, "Radio Newsreel" (Nebron 4/12)

MONGOLIA

6382m	*1220	433	JPN	R. Ulan Bator: EE IS, ID, annx, nx, mx, annx // 5960 and 1715-45 on 9570, 11810, xcept Sun (Junqua 5/4)
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OMAN

11890t	0246	253	CA	Oman Bcst Sta: AA singing, annx to past 0330 (Young 4/22)
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PAKISTAN

4784	1713	433	JPN	RP-Islamabad: EE w/ cmtry, mx requests, ID (Junqua 5/8)
9460	1330	343	OR	RP-Karachi: Pakistani mx, YL annx (Bodell 5/18)
17830	0230	---	JPN	RP-Islamabad: EE w/ dictation nx (Oriyama 5/9)

PHILIPPINES

3345	1206	222	OR	FEBC, Manila: EE w/ religious mx (Bodell 5/18)
7155	1450	333	CA	VOA: EE/JJ lessons (Mercado 4/12)
7205	1512	444	CA	VOA-Tinang: pop mx, YL annx (Mercado 4/12) lang?
7225	1100	444	TN	FEBC: EE/JJ relig. tlk, mx (Kelly)(Breedon)(Thompson)
9580	0805	444	JPN	VOP: EE annx, mx (Oriyama 4/19)(Ishizaki)(Miller CA)
9760	1415	242	CA	VOA-Tinang: EE tlk, 1427 nx (Naylor 4/16)
11725	1454	333	CA	R. Veritas: EE annx, sked (Bixby 5/1)



PROPAGATION FORECAST



Summer 1976

By popular demand, the SPEEDXTRAS division has revived its quarterly propagation supplement and unless unforeseen events occur, this supplement will appear in the March, June, September and December issues of SPEEDX, providing dx'ers in the United States with year 'round propagation information. This supplement may be removed from your bulletin without interrupting the continuity of the bulletin and may be placed near your receiver for ready reference. It is valid for the months of June, July and August, 1976.

The following two pages contain nine charts each. One page is for listeners on the West Coast (Pacific & Mountain Time) and the other page contains charts for listeners on the East Coast (Eastern & Central Time). The pages are marked 'WCNA' for West and 'ECNA' for East. The charts represent transmission paths between nine areas of the world and the east and west coasts of the United States. Each chart shows the Maximum Useable Frequency (the curving line) between transmitter and receiver, and the light or darkness pattern between the transmitter and receiver. It was decided, at least at this time, not to include the lowest useable frequency as it is subject to wide variation due to the large number of variables. However, a general guide will be given below.

On the left hand side of each page, there is shown the frequency scale for all nine charts. This scale provides the reference in which to read the Maximum Useable Frequency line at any time of day. Along the bottom of each chart is the time scale, in Greenwich Mean Time. On some of the charts, the hours of 00 and/or 24 were left off due to space limitations, but each chart represents 24 hours.

The light/darkness pattern shown in each chart provides another useful 'tool' for determining propagation conditions from each area. There are four patterns represented: (1) Total darkness between and at transmitter/receiver site (this is shown by the totally blacked in area); (2) Total daylight between and at transmitter/receiver (this is shown by the squares of the grid below the MUF line); (3) Darkness at receiver site, light at transmitter site (shown by diagonal lines sloping up to the right-////) (4) Light at the receiver site, darkness at the transmitter site (shown by diagonal lines sloping down to the right-\\\\\\). The patterns extend to the bottom of each chart, but they are not to be referenced to the frequency scale on the left of the chart. They are provided as an aid and are not directly related to the frequency scale. The following guidelines are provided in order to use the light/darkness patterns more effectively: total darkness (or close to it) between receiver & transmitter will allow reception down to the lowest shortwave frequencies and up to the MUF line. Total daylight between receiver & transmitter will allow reception only on the higher frequencies as shown by the MUF line (and maybe a few MegaHertz below). Due to the absorption levels of the ionosphere during summer daylight hours, signals of low frequency (approximately 10 MHz & below) don't propagate very far. However, daily propagation conditions are very hard to predict and some days turn out to be super, but they are few and far between.

Let's take an example of using the charts: A dx'er on the west coast wants to find out when are the best times to listen to the newscasts from West Africa. With a quick check of his chart for "West/Central Africa", he can see that a total darkness path exists between 0230 GMT & 0630 GMT (the pattern times are average due to the areas covered). By checking SPEEDX loggings or consulting the World Radio Handbook, he determines that many stations in West Africa have a newscast at 0600 GMT on their regional stations on the tropical bands; since a darkness path is present at this time, reception on these low frequencies is possible, if other propagation conditions, which vary day to day, are favorable. Perhaps he wants to

try and hear Ghana later in the day. By 0700 GMT, the sun has risen over West Africa and low frequency signals are being absorbed by the ionosphere. In about an hour or two, West African stations will start switching their frequencies upward (if they have the capability, of course). So with the higher frequencies, the signals are again being propagated from West Africa; but the dx'er on the west coast is still in the dark, so he doesn't hear the signals because the frequency is still too high and the signals are penetrating through the ionosphere. After a few hours though, daylight arrives at his location (around 1300 GMT) and so his MUF starts climbing. But since its daylight in both locations, only the highest frequencies on the MUF curve will allow reception, if, and a big if, the station happens to be transmitting on a high frequency. After a few more hours, the sun starts to descend from the skies of Ghana. A couple of hours after sunset, the MUF starts to descend, but being its summer, the ionosphere stays 'charged up' longer due to the increased daylight, so the Ghana station stays on a fairly high frequency band and since its still daylight on the west coast, a connection is made between Ghana and the west coast as the listener tunes in Radio Ghana at 2000 GMT on 11850 kHz.

The charts should not only show you what you can hear, but to a degree, what you can't be hearing. This in itself can help you identify that elusive station which fades in around 0300 GMT and is gone by 0320 and is logged by you on 15280 kHz.

Noise will be at a much higher level on the tropical bands during the summer and will limit the dx, but conditions should be good to Latin America during early evening hours for east coast listeners and late evening, actually early morning, for west coast listeners. Don't expect to do much, if any, low-frequency dx'ing for sub-continent stations, and the stations from the Far East won't fare much better, although there should be some good, but short, openings to Indonesia for us guys on the west coast.

Moving up the bands, I'm going to almost skip 49 meters. There will still be a lot of congestion in the early evening, but will thin out providing good reception for VOA 'regionals' (Greenville, Delano, etc) Hi. Up on 31 meters, there will be more than a few nites each month that will provide great reception, especially for stations lying to the east. Around sunrise, the pattern will have shifted and the best dx will come from the west. I believe the 25 meter band will be the most promising this summer. Although late afternoon and early evening reception will be quite good, conditions on several days around sunrise and after (up to about late morning) will be super. Due to lower MUFs in this portion of the solar cycle, many broadcasters will be using 25 meters and on magnetically quiet days, there should be lots of signal rolling in over the polar regions. 19 meters, again, offers very good dx results after sunrise and late afternoon. During the heat of the day, dx will be limited to just a few thousand miles. This band will be more useful to listeners on the east coast than to westeners, and openings to almost all areas of the world are available during the afternoon (east coast). As can be seen by the MUF lines on the charts, there will not be much activity above 19 meters, although 16 meters will provide about the same reception as 19 meters, but with less congestion. There will also be a few stations operating on the 13 meter band.

So we hope that you find these charts useful and that they help you in your listening. For those interested in learning more about propagation, SPEEDX offers a BIP on Basic Propagation. Another useful source is the 1976 World Radio & TV Handbook; there are several sections that explain about propagation and the services of WWV & WWVH.

Well, until September then, 73's and the best of DX.

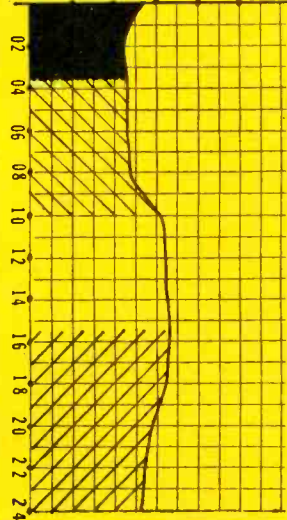
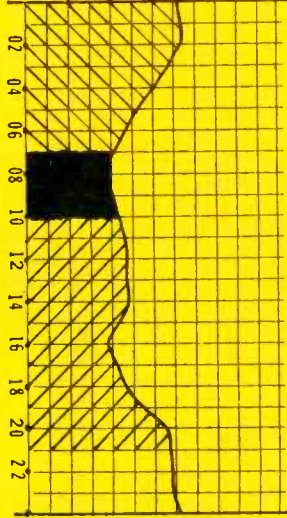
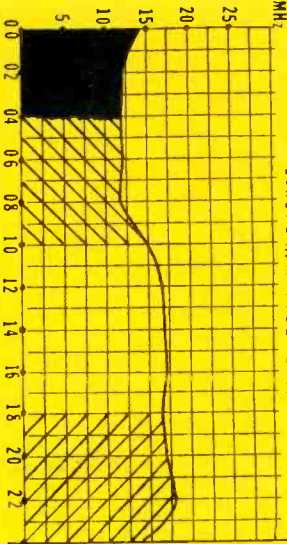
(ECNA)

(ECNA)

EUROPE /// MIDDLE EAST

ALL TIMES IN GMT
AUSTRALIA /// OCEANIA

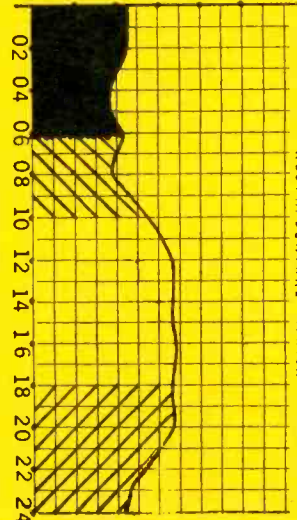
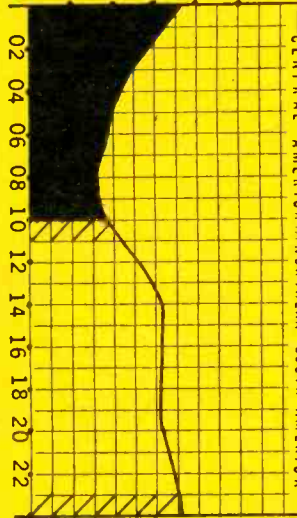
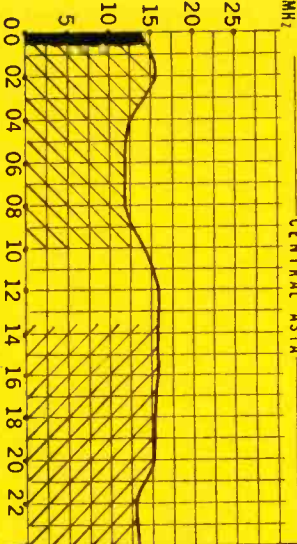
NORTHERN EAST AFRICA



CENTRAL ASIA

CENTRAL AMERICA /// NORTHERN SOUTH AMERICA

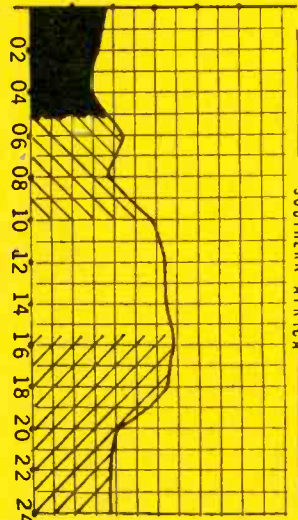
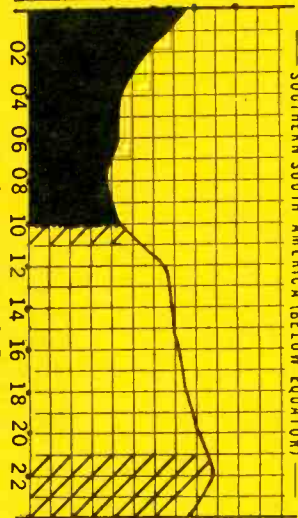
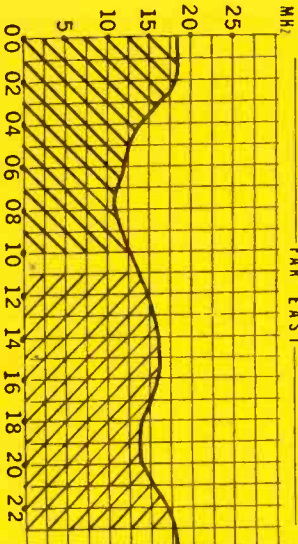
WEST /// CENTRAL AFRICA



FAR EAST

SOUTHERN SOUTH AMERICA (BELOW EQUATOR)

SOUTHERN AFRICA



ALL TIMES IN GMT

PHILLIPINES (continued)

11855 1443 444 OR FEBC: EE ID, religious prgm (Uerlings 4/24)
 11875 1432 343 OR R. Veritas: EE nx by OM, ID (Uerlings 4/24)
 15290 *2200 444 ALB VOA-Tinang: EE nx (Pimblett 4/14)(Miller OH)
 15440 0215* 142 MS FEBC: Indo tlk, mx, ID (Breedeen 5/2)



QATAR

9570 0513 232 CA QBS: AA w/ vocals (Bixby 5/8)(@ 1635 Junqua JPN)

RYUKYU ISLANDS

6010 *1059 333 MS VOA-Okinawa: EE w/ ID, het (Jones 4/16)
 7165 1330 343 NM VOA: EE mx, nx in Spec EE, 1500* (Thompson)(Pimblett)

SABAH

4970 1400 --2 CA R. Malaysia Sabah: B. Malaysia ID, mx (Cleveland 4/27)

SARAWAK

Radio Malaysia Sarawak
 3385 1245 333 JPN RMS-Miri w/ Kayan (1200-30), Kenyah (1230-1300), then
 RMS-Kuching Iban (1300-1500), // 7270 (Junqua 4/28+)
 (@ 1400 Cleveland CA)(Young CA)...don't confuse w/ Indo
 4835 1350 343 OR RMS-Kuching: Bahasa Malaysia tlk by OM (Uerlings 4/15)
 4895 1410 344 OR RMS-Kuching: Iban tlk by YL (Uerlings 5/8)(Cleveland)
 4950 1435 444 WA RMS-Kuching: EE National nx, mx, tlk (C. Miller 4/17)
 5005 1408 --3 CA RMS-Sibu: Iban w/ nx (Cleveland 4/27)
 5030 1426 343 OR RMS-Kuching: EE w/ c&w mx (Uerlings 5/8) Bidayah w/
 nx, mx, tlk (C. Miller WA)(Cleveland CA).....
 6060 1225 333 OR RMS-Miri: Iban tlk, mx, similiar but not // to Sibu
 or Kuching on 4985, 5005, 6050, or 7270 (Bodell 5/9)

SAUDI ARABIA

Broadcasting Service of the Kingdom of Saudi Arabia
 9720t 0302 332 PA BSKSA: AA tlk, QRM, no ID (Earhart 4/22)
 9730 2250 433 IL BSKSA: AA tlk by OM, mx (Brigham 4/18)

SINGAPORE

5052 1445 443 WA RS: EE TCs, ID, mx (C. Miller 4/15)(Cleveland CA)
 11940 1615 222 WA RS: EE w/ mood mx, 1630* (Beal 4/29)

SRI LANKA

4968 1607 333 JPN SLBC: Ch. 1 w/ EE cmtry, tlk, IDs (Junqua 5/5)
 9720 1305 343 TX SLBC: EE nx, ID (Vokes 5/2)
 11900 1630 343 QUE SLBC: Hindi w/ mx, EE ID on 1/2 hour (Perry 4/16)
 15120 1045 434 JPN SLBC: EE nx, mx, 1100 JJ prgm (Hyodo)
 15150 1708 242 CA VOA-Columbo: EE nx, ID as Columbo (Nebron 4/19)
 15425 1609 --- IL SLBC: BBC nx, mx, 1615 DW's "Hits in Germany" (Hauser
 4/15)

SYRIA

9542m 2035 232 FL R. Damascus: EE nx (2030-2045), then AA (White 4/14)
 4/25)

TAIWAN

7130t 1250 222 MN VOFC: CC tlk, TPs, annx, ID?, Moscow QRM (Miklejewski
 15345 1840 222 CA VOFC: EE w/ Asian nx, CC mx (Stephenson)(Thompson NM)
 15370 1900 232 CA VOFC: EE nnx by YL, CC mx (Silva 4/21)
 17890 0050 322 WA VOFC: CC mx, YL w/ ID @ 0100, IS (Beal 4/18) VOICE OF
 FREE CHINA

THAILAND

4829* 1532 433 JPN RT: Thai tlk, mx annx, NA, 1602* (Junqua 4/13)(Bodell)

TURKEY

9515& 2128 444 IL TRT: GG, 2130 FF prgm (Brigham 4/20), EE (2200-0115)
 11880 (Gelfand NY)(Breedeen MS)(Hoffman PA)(Yajko PA)(Perry
 Q.E)(Smith FL)(Pimblett ALB)(Miller OH)(Beal WA)
 (Pamularo NJ), and Turkish @ 0417 (Bixby CA).....

T R T

THE VOICE OF TURKEY

U. S. S. R.
 4485 0640 343 ALB Petro. Kanchatskiy w/ local prgm, RR tlk, mx (Pimblett)
 4588 1350 333 JPN RM w/ Mayak IS, TPs, ID "Novosibirsk"? (Junqua 4/29)
 4615 1310 333 CA Pavlodar w/ opera, RR? ID, then jazz (Naylor 4/21)
 4788.7 1512 322 JPN RM w/ Mayak, lt mx, jazz, ID?, TPs (Junqua 5/5) Baku?
 5015 1723 333 HI Moscow 2 via Vladivostok: RR singing (Bixby 4/14)
 6190 1131 333 MS RM via FE site w/ RR mx, // 6080, 6035, not 6070 (Jones)
 7210 0700 333 CA RM via Khabarovsk: IS, then R. Pac. Ocean (Brookwell)

U. S. S. R. (continued)

7250	0030	444	TN	R. Kiev via ? w/ EE "Mailbag" (Kelly 4/25) Euro site!
9500nf	0450	---	IL	RM to NA, EE w/ May Day anecdotes (Hauser 5/2)
9780	1800	444	CA	R. Pac Ocean via Vlad: RR, IS then Mayak (Brookwell)
not PK?	0325	423	WA	R. Kiev via Vlad: EE sked, ID, 0328* (C. Miller 4/16)
11860	0300	553	CA	R. Kiev via Petro Kam. w/ "Ukrain. Panorama" (Somers)
11895	0630	222	CA	RM HS w/ RR tlk, mx, 0700 Pac Ocean IS (Brookwell)
15180	2300	444	NM	RM via Petro Kam: EE ID, organ mx, cmtry (Thompson)

Georgian S. S. R. 5/12

11805 2330 333 VA RM via Tbilisi: SS to Cuba, 0200*, // 9745 (Legze

Tadzhik S. S. R. 4/13

4635 0050 242 FL Tadzhik R: RR tlk, flute like lo-go mx, TPs (White

Turkmen S. S. R. 5/12

15185 1230 232 VA R. Peace & Prog via Ashkhabad, EE nx, cmtry (Legze

Uzbek S. S. R.

9540 1200 333 FL R. Tashkent: EE ID, cmtry, mx, 1230* (Smith 4/6)

VIETNAM

Radio Hanoi=Voice of Vietnam

4835	1337	333	OR	Hanoi HS: VV w/ YL tlk, mx (Bodell 5/9)
6450	1340	333	OR	Hanoi HS: VV mx (Bodell 5/17)
7373	1215	332	WI	Hanoi 1: VV tlk by OM/YL, not // 10060 (Zilmer 4/17)
7417	1200	222	WI	Hanoi HS: VV tlk, mx, // 7470, 10226 (Zilmer 4/17)
7512	1342	433	JPN	R. Hanoi: Cambodian (BBCMS) tlk (Junqua 4/15)(Zilmer)
10040	1845	222	WI	RH: EE pgrm (Zilmer 4/25)(Brookwell CA)
10060	0045	222	CA	Hanoi 1: mixed chorus, weaker than 10040 (Brookwell)
12035	1400	332	WI	RH: CC tlk, tlk, // 10040 (Zilmer 4/24)
15009.7	1816	555	CA	RH: EE tlk on VV elections (Young 4/21)
15012	1800	242	CA	RH: EE nx (Nebron 4/19)(Beal WA)(Zilmer WI) (Pimblett ALB)(Miklejewski MN).....

YEMEN ARAB REPUBLIC

7235	0450	323	OR	R. Sana': Islamic mx (Bodell 5/19)
9780	2115	222	MS	RS: AA mx, ID, NA, 2200* (Estes 5/10)(@ 1624 Junqua)

P. D. R. YEMEN

11770 1315 433 JPN DYBS: AA w/ local mx (Numata 4/14)

CLANDESTINE

4557	1250	332	OR	VRPR: Korean tlk by OM, // 4115 (Bodell 5/18)
11830	1440	332	CA	VofMalayan Revolution: EE YL w/ cmtry (Bixby 5/8)

UNIDENTIFIED

4780.8	1536	433	JPN	u/lang tlk, many mentions of Pakistan, sc mx, lt mx, could be Soviet, AKR, doubt Afars (Junqua 5/2)
6095	1440	121	ALB	Arabic chanting (Pimblett 5/10) Baghdad ??, reb
15135	1755	333	OR	mid-east type mx, not Iran, but similiar (Bodell 5/17+)
15245	*1700	333	OR	Qur'an, 1730 OM tlk in AA, 1745 more Qur'an (Bodell)

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

NEW ZEALAND-In a series of moves to reduce expenditures, the Muldoon Government announced on 4/21 severe cutbacks in the Radio New Zealand budget. Consequently the External Service of RNZ was closed down as of 5/1. We received word of the cutback in the budget in a letter from Tony King of RNZ, but Glenn Hauser heard the surprise announcement that RNZ'S External Service was closed down 5/1 with "Now is the Hour", over Radio Australia. Although those of us in the SW world enjoyed listening to RNZ, and we'll surely miss them as long as they remain off the air, the people of the Pacific Islands are the real losers-RNZ helped them to keep in touch with the rest of the world. All may not be lost tho, if we flood RNZ with letters from listeners around the world, extolling the educational benefits and listening enjoyment that the External Service can provide. Why not send your letter today to this address: EXTERNAL SERVICES DIVISION, RADIO NEW ZEALAND, P.O. BOX 2092, WELLINGTON, NZ.

Radio New Zealand

THE SHORTWAVE DIVISION OF THE N.Z. BROADCASTING CORPORATION

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ARMENIAN S. S. R.-R. Yerevan has added an additional xmsn in Armenian directed to Latin America (2300-0000) on 9480, freq used by Radio Moscow.....(BBCMS)
AUSTRALIA- RA has made many changes in its pgm sked. We're still trying to sort things out, and hope to have a complete report next month (with a little help from RA!). In the meantime we'll give you a sample of the NA svce: Sunday GMT, 0140 Listener's Mailbag, 0200 World News, 0210 Churches of Australia, 0230 Australia News in brief, 0240 DXers Calling. Freqs are now usually given on each hour and 1/2 hour. In their xmsn sked for the period J76 RA lists the following new freqs, all from Shepparton and in EE unless otherwise indicated: 11780 (0100-0600); 11790 (2100-2330, 0100-0400, xcept 0330-0400 Viet Sat/Sun); 11810 (1000-1100, 1300-1400 in JJ); 11835 (0400-0630 EE/FF); 11965 (1500-1735). In addition to usins at least one former RNZ freq, they have just started using 11845 (unlisted) from 0400+. Here is the complete Canarvon sked: 6035 (1430-1730 EE, 2130-2330 Viet), 7215 (1000-1500 Indo, 1500-1730 EE); 7240 (2100-2230); 9560 (0730-1000 EE, 1030-1300 Mandarin, 1400-1430 Cantonese, 2230-0030 Indo); 11935 (0800-1000 Indo); 15190 (2330-0730 EE); 15415 (0030-0800 EE).....(RA)

CHINA-The New China News Agency reports that the output of radios in China in 1975 was 10 times greater than in 1965. 370 types of valve and transistor models, with good sensitivity and tone quality are produced in 150 factories

CLANDESTINE-Here are a few to look for, provided by Victor Goonetil-7(BBCMS) like: the black Soviet based Chinese clandestine heard 1445-1515 on 7290; V. of Burmese People still active on 5110v (0100-0200, 1200-1300); V. of Thai People on 6035? and 9423?; V. Oman, "Huna Saut'l Uman" on 6460 @ 1500(via NU)

INDONESIA-The Indonesia Times reports that a 10 Kw transmitter is being installed for RRI Jambi, this will give Jambi 1, 7.5, and 10 Kw tx.....(BBCMS) Here is the expanded sked for the Voice of Indonesia, on 9710, 11789: 0000-0030 Malay. 0030-0100 Mandarin, 0100-0230 Indo, 0800-0830 Manarin, 0830-0900 Malay, 0900-0930 EE, 0930-1100 Indo, 1100-1200 EE (not 9710), 1200-1300 Mandarin, 1300-1400 FF, 1400-1500 EE, 1500-1600 AA, 2330-0000 EE.....(BBCMS)

JORDAN-RJ's HS in Arabic has been reported on 15105, // 11810 (0900-1500+)(BBC MS)

DPRK-Here are a few changes noted in P'yongyang's sked: KK to Japan is 1030-1100, 2130-2200, xcept Sun 1030-1100 relays "Voice of the Rev. Party of Re-unification"; KK to the south is 1100-1500, 1500-1800, 2000-2130, 2200-1030; all on 3320, 6400, and 6250 (2000-0930, 1500-1800 only).....(BBCMS)

KUWAIT-The current freqs for Kuwait's domestic svce is as follows: (0225-0400) on 9650; (0400-0735) on 6055, 9520, 9650; (0735-0815) on 9650; (0815-1000) on 7120, 9650, 11825, 11940; (1000-1515) on 7120, 9650, 11825 (to 1130), 11940, 15415, (1505-1600) on 9650; (1600-2215) on 6055, 9650, 9715 (not 1800-30)(BBC MS)

NEW HEBRIDES-New Zealand DXers report the anti-British clandestine station of the Na-griamel federation, Radio Vanfo, Espiritu Santo, has been heard on 3950, varying to 3955 to 1000*, with QRM de R. Vila.(Bob Yeo via Numero Uno)

PAPUA NEW GUINEA-The NBC will begin commercial bcastng 6/1 in EE, Pidgin, and Police Motu.....Arthur Cushen via HCJB's DX Party Line via May LN in FRENDX
PHILIPPINES-Here is the sked announced for R. Veritas on R. Australia's DXers Calling: (2200-2300) Indo on 9675; (2300-0000) Viet on 9675; (0000-0100) Thai/EE on 11725, 15280; (0100-0200) EE on 11725, 15280; (1230-1330?) Indo on 11725, 15280; (1330?-1400) EE on 11725, 9545; (1400-1600) EE on 11725, 11875.....

SRI LANKA-Victor Goonetilleke rpts VOA Columbo granted new 5 yr lease (via NU)
VIETNAM-R. Hanoi has introduced a new xmsn sked for its domestic First and Second Networks in Viet: 1st Network, 3998 (2055-0000, 1230-1600); 4932, 6450, 7375 (2055-1600); 10060 (0000-1600). 2nd Network, 4995, 6430, 7470, 9887, 10225 (2245-1600).....the external svce Voice of Vietnam has added an additional bcast in Mandarin (1530-1600) on 4860, 7512, 9840, ex Viet....(BBCMS)

Many thank to the 56 reporters who took the trouble to support A/O this month. July will be a special Bicentennial/5th Anniversary issue-so let's hear from all of you, and make it the best A/O ever!!! We want to welcome the following new reporters to A/O: Warner Brigham, Mark Goto, Morton Kasday, Mitutosi Oriyama, Benton Owsley. Apologies to Takaharu Kiyomiya and Bob Pierce who are, of course, not new to A/O, as previously reported. My records don't go back very far so you might indicate on your report whether you are a new contributor or one retuning after an absence, if I haven't heard from you before. Also indicate the type of receiver you are using...thanx.....remember I'm looking for YOUR support next month.....until then, 73, *Bob* 5/22

WORLD SERVICE PROGRAMMI

STATION SKEDS

EMISSIONS

TRASMISSIONI

BULLETIN DE PROGRAMMES

Editor:

MEL HICKMAN

SEE

LAST PAGE OF COLUMN

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

CURRENT ENGLISH SCHEDULES TO NORTH AMERICA

<u>COUNTRY</u>	<u>STATION</u>	<u>TIMES (GMT)</u>	<u>FREQUENCIES</u>	<u>REPORTERS</u>
Albania	R. Tirana	0000-0030	7065, 9750	Lunstrum, BBCMS
		0130-0200	6200, 7300	
		0230-0300	6200, 7300	
		0330-0400	6200, 7300	
		1100-1130	9500, 11985	
Austria	ORF	0130-0200	6155, 9770	Yajko
		0330-0400	6155, 9770	
		0430-0500	6015	
		0100-0157	6085, 9650	
Canada	RCI	0400-0600	9655, 11765	Wood, Rogers
		1115-1215	5970, 9655	
		2157-2400	M-F 6040	
China, P. R.	R. Peking	0000-0100	11675, 11945, 15060	Crews
		0100-0200	7120T, 9780T, 9940, 11945, 12055	
		0200-0300	9940, 12010, 12055	
		0300-0400	7120T, 9780T	
		0300-0500	WCNA 9460, 11650, 12055, 15060	
Cuba	RHC	1200-1300	11685	Lunstrum
		0100-0450	11930	
		0100-0600	11725	
		0330-0600	11760	
		0630-0800	9525	
Czechoslovakia	R. Prague	2050-2150	11960, 17750	Lunstrum
		0100-0157	5930, 7345, 9540, 9630, 9740	
		0300-0357	5930, 7345, 9540, 9630, 9740	
Ecuador	HCJB	0100-0500	6095, 9560, 11915	McLeod
		0500-0700	6095, 9560	
		1215-1230	11745	
		1230-1630	11745, 15115	
England	BBC	0000-0330	5975, 6175S, 7325, 9510S, 9580A	Bernstein Romani
		0330-0430	5975, 6175S	
		1100-1330	5990S	
		1500-1615	17840A	
		1600-1715	9580A (Sat/Sun *1500)	
		2115-2245	9580A, 11780	
		2245-2300	5975, 7325, 9580A, 11780	
		2300-2330	5975, 6175S, 7325, 9510S, 9580A, 11780	
2330-2400	5975, 6175S, 7325, 9510S, 9580A			
Finland	R. Finland	0300-0330	9550	Kasday, Wilson, Yajko
		1400-1430	15110	
Germany, F.R.	DW	0130-0150	6010, 6040, 6075, 6100, 9565, 9605, 11865	Benjamin Fanularo Cleveland
		0530-0550	6100, 6185, 9545	
		2000-2100	11850	
Ghana	R. Ghana	0015-0030	News 9760	Cleveland
		0215-0230	News 9760	
		1215-1230	News 9520	
		1515-1530	News 9520	
		0200-0230	Tu-Su 6000, 7215, 9585, 9833, 11910, 15220, 17710	
Holland	RN	0300-0330	Same as above.	Bernstein
		0400-0415	W, Sa Same as above.	
		0200-0320	6165B	
		0500-0620	6165B, 9715B	
Hungary	R. Budapest	1640-1650	M-F 15190B, 17775B	Wilson
		2130-2250	M-Sa 9715L, 11730L	
		0200-0230	Tu-Su 6000, 7215, 9585, 9833, 11910, 15220, 17710	
		0300-0330	Same as above.	
		0400-0415	W, Sa Same as above.	
Israel	IBA	0500-0515	5900, 7412, 9009	Smith-FL
		1200-1230	11645, 15100, 15485, 17685	
		2000-2030	7412, 9815, 11645, 15100	
		2230-2300	7412, 9820, 11645, 12025	
			(0500 and 1200 beams to 0400/1100 in midsummer)	
Japan	R. Japan	0130-0230	15195, 15420, 17725, 17825	Wilson, Yajko
		2345-0045	15270, 15300	

NORTH AMERICAN ENGLISH SCHEDULES (CONTINUED)

Korea, Rep. of	R. Korea	0500-0530 0900-0930	7150, 9640, 11850, 11860 Same as above.	Hardester
Norway	R. Norway	0000-0030 M 0200-0230 M 0400-0430 M 0600-0630 M 1400-1430 S 1600-1630 S 1800-1830 S 2200-2230 S	9645, 11860, 15175 9645, 11860, 15175 9645, 11860, 11870 11870 15175 15175, 17800 15175 15175	Yajko
Poland	Polskie R.	0200-0400	6095, 9675, 11815, 11840, 15120	Bixby, Rogers Smith-FL, Talbot Hardester
Portugal	R. Portugal	0230-0300 0430-0500	6025, 11935 6025, 11935	
South Africa	R. RSA	2226-2320	4875, 9585, 11900	Wilson, HQS, Wood
Sweden	R. Sweden	0030-0100 0230-0300 1230-1300 1400-1430 2300-2330	11955 9695, 11705 15305 15305 6120, 9695, 11705	Direct
Switzerland	SBC	0145-0215 0430-0500 1315-1345	5965, 6135, 9725, 11715 9725, 11715 15140	Bernstein
U.S.S.R.	R. Moscow	0100-0200 0200-0300 0300-0500 0330-0530 WCNA 0530-0730 WCNA 2300-0030	7.10, 7.15, 7.16, 7.25, 7.29, 7.32, 9.50, 9.53, 9.60, 9.65, 9.66, 9.68, 9.70, 9.72, 11.73, 11.85, 11.87, 11.96, 12.05, 15.10, 15.21, 15.24, 17.72 Benjamin, Crews 7.10, 7.16, 7.25, 7.29, 7.32, 9.50, 9.53, 9.65, 9.66, 9.68, 9.70, 9.72, 11.87, 11.96, 11.97, 12.05, 15.10, 15.21, 15.24, 17.72 7.10, 7.15, 7.16, 7.25, 7.29, 7.32, 9.50, 9.53, 9.60, 9.65, 9.66, 9.68, 9.70, 9.72, 11.97 9.61, 9.71, 9.73, 11.69, 11.72, 11.75, 11.87, 11.96, 12.00, 12.02, 12.05, 15.10, 15.21, 15.24 9.61, 9.71, 9.73, 11.69, 11.72, 11.75, 11.87, 12.00, 12.02, 12.05, 15.10, 15.21 7.10, 7.15, 7.16, 7.25, 7.29, 7.32, 7.35, 9.50, 9.60, 9.65, 9.66, 9.68, 9.72, 11.73, 11.75, 11.77, 11.85, 11.87, 11.96, 12.05, 15.10, 15.21, 15.24	
Vatican State	Vatican R.	0100-0115	5995, 6105, 9605	Bernstein

AUSTRIA: The latest ORF sked from Yajko shows these English transmissions:
0430-0500 Aust/SEAsia 17840
0830-0900 Eur/FE/Aust 6155, 11835, 15410, 17810
1230-1300 Eur/SEA/Aust 6155, 9770, 11970, 17810
1830-1900 Eur/FE/Afr 6155, 9720, 15225, 17770

CHINA: Besides the beams to North America, Peking has additional English beams:
To Australia and New Zealand:
0830-0930 7035, 9380, 9460, 11445, 15060
0930-1030 7035, 9380, 9460, 11445, 15060
To Southeast Asia:
1200-1400 6290, 7155, 11650, 15270
To South Asia:
1400-1600 7315, 9860, 11650
1800-1900 1210
To East and South Africa:
1600-1800 7620, 9860
To West and North Africa:
1930-2130 7620, 9470, 11650
To Europe:
2030-2130 6860, 7590, 9030
2130-2230 6860, 7590, 9030
(Schedule from Dempsey Crews in Florida)

GERMANY, F. R.: From Richard Wood comes word that DW is considering the possible takeover of the Esperanto language broadcast currently carried over RAI, Sundays at 2000-2020. Expressions of interest should be sent to Intendant Walter Steigner, DW, D-5 Koln 1, Postfach 100 44, F.R.G.

JORDAN: A sked from Yajko notes that Radio Jordan beams its English service from 1000-1500 on 7155 and from 1500-1730 on 9560.

PHILIPPINES: According to a pgm monitored by Cleveland, Radio Veritas is testing in English at 0030-0100 on 11725 and 15280, and at 1330-1400 on 9545 and 11725 with beams to Sri Lanka, Burma, Thailand, and S. India.

I know it's a terrible cliché, but "due to problems beyond my control", I have decided to resign as editor of the stations skeds section. My sincere thanks to all those who supported the column and special thanks to Bob Bodell.

Starting next month, the new editor will be Larry Talbot, N84 W15119 Knoll Terrace, Menomonee Falls, WI. 53051. I know that you will give him the same support you gave me. Sadly, I say 73's, Gud DX, and God Bless - *WML*

UTILITY REPORT



EDITOR:

KEN COMPTON
7 MOUNT VERNON STREET
BRIGHTON, MA 02135

Deadline: 15th of the month

All times GMT

All frequencies in kilohertz

Material for the new SPEEDX UTILITY GUIDE is needed: addresses, freqs, QSL policies, networks, etc. LW & CG info will be included in this edition. Please send your up-to-date utility info to: SPEEDX P.O. Box E Elginore, CA 92330. The deadline is September 1, 1976.

LOGGINGS

North America

ALASKA:	2809	0856	NRW1 Sitkinak Loran wkg NRW USB (Chabak-CO)
		1021	NRW USCG Cape Sarichef Loran wkg NRW2 (Chabak-CO)
	5423.5	1008	NRW Cape Sarichef Loran wkg NRW3 USB (Chabak-CO)
	5703	0603	AKA Elmendorf AFB AK wkg WY256 USB (Chabak-CO)
	5696	0631	NOJ USCGAS Kodiak AK tfc USB (Chabak-CO)
	6935	0538	NRW3 USCG Port Clarence Loran tfc USB (Chabak-CO)
		0717	NRW2 St Paul Loran wkg NRW1 USB (Chabak-CO)
		0754	NMJ22 USCG Loran Attu AK OM EE tfc USB (Chabak)
		0835	NRW Cape Sarichef Loran Unimak Is. tfc (Chabak)
		0334	AKA Elmendorf AFB Foxtrot bcst USB (Chabak-CO)
CANADA:	11176	0921	CKN Vancouver Military V mkr CW (Trubee-HI) 1314 (Young-CA)
	5652	0055	Gander VOLMET OM EE wx AM (Routenburg-ONT)
	8696.5	0122	CFH Navy Ellerhouse NS V mkr CW (Somers-CA) 0126 (Davis-CA) 0215 iceberg report CW (Cook-MN)
	8709	0153	VCS DOT Halifax NS V mkr CW (Davis-CA) 1634 (Kurtz-MN)
	8722	2037	VAI DOT Vancouver BC CQ mkr CW (Thompson-NM)
	12874	1607	VCS DOT Halifax NS V-CQ mkr CW (French-MD)
	12990	1246	CFH Navy Ellerhouse NS V mkr CW (Young-CA) 1558 (Mercado-CA) 2131 (Thompson-NM)
	12876	1850	VAI DOT Vancouver BC CQ mkr CW (Davis-CA)
	13272	2330	Gander VOLMET OM EE wx AM (Lunstrum-FL)
	16948.5	1830	VCS DOT Halifax NS V mkr CW (Davis-CA)
GREENLAND:	8967	0407	XPH USAF Thule AFB tfc USB (Chabak-CO)
	14900	2045	OXI68 GTO Godthaab new YL EE vx w/Greenland travel info USB (Davis-CA) 2222 (Gion-MA)
U.S.A.	2045	0730	KRH RCA San Francisco CA V mkr CW (Davis-CA)
	4048.5	0933	NMA7 USCG Loran Jupiter FL tfc USB (Chabak-CO)
	4294.5	0930	WNU TRT Slidell LA V mkr CW (Trubee-HI)
	4323	0937	WPA RCA Port Arthur TX V mkr CW (Trubee-HI)
	4390a	0315	KMI ATT San Francisco tfc AM (Brick-MA)
	4377.4	0355	RCA Pittsburgh marine op tfc AM (Brick-MA)
	4390	0300	WOO ATT Océangate R. NJ tfc list AM (Brick-MA)
	4396.6	0221	NMF USCG Marshfield MA tfc USB (Cook-MN)
	4464.5	0200	KGC465 Keystone Penn. CAP tfc USB (Cook-MN)
	4467.5	0210	KIG448 Bluechip Tenn. CAP tfc USB (Cook-MN)
	4603	2300	KIG445 Middleground KY CAP tfc list to WHIRLAWAY USB (Cook-MN)
	4627	0220	KKI724 Eagle Nest CAP TX wkg PUEBLO USB (Cook-MN)
		0225	KKI720 Magnolia LA CAP wkg Southwest 14 (Cook-MN)
	5652	0040	WSY70 NY VOLMET OM EE wx AM (Routenburg-ONT)
	5696	0158	NOQ USCG Mobile AL OM EE tfc AM (Brick-MA)
		0201	NOY8 USCGAS Corpus Christi TX tfc AM (Brick-MA)
		0210	NOZ USCGAS Elizabeth City NC LSB test w/NOT USB/LSB (Brick-MA)
		0245	NOR USCGAS San Diego CA tfc USB (Brick-MA)
	6210a	1235	KUY Port Arthur TX river sta, tfc SSB (Jones-MS)
		1247	KDL Houston TX river sta, wkg "Creole Mama" SSB (Jones-MS)
		1250	WKS Morgan City LA R. sta clg WX7620 SSB (Jones)
		1319	KMB Houston TX R. sta wkg "Mr. Don" SSB (Jones-MS)
		1343	WDC Brent Towing Co Greenville MS clg "Belinda"

		Brent" SSB (Jones-MS)
6212a	1441	KDQ St Louis MO R. sta OM EE tfc SSB (Jones-MS)
6659a	2210	Rockwell Flight Test Cedar Rapids IA wkg 7øCR USB (Olsson-CT)
6924.5	0120	KKN50 State Dept Washington DC QRA mkr CW (Cook-MN) 2342 clg KWB69 CW (Compton-MA)
8486	2059	WOE RCA Lantana R. V mkr CW (Thompson-NM)
8550	2056	WPA RCA Port Arthur TX V mkr CW (Thompson-NM)
8570	2202	WNU TRT Slidell LA CQ mkr CW (Thompson-NM)
8574	0320	NMC USCG Pt Reyes CA CQ mkr CW (MacLennan-ONT) 0725 (Trubee-HI)
8586	0103	WCC RCA Chatham MA CQ mkr CW (Davis-CA)
8582	1728	KL B ITT Marysville WA CQ mkr CW (Thompson-NM)
8610	0600	WSC RCA Tuckerton R. NJ V mkr CW (Davis-CA) 0735 (Trubee-HI) 2145 (Thompson-NM)
8618	2045	KPH RCA Global San Francisco CA V mkr CW (Thompson)
8630	0739	WCC RCA Chatham MA V mkr CW (Trubee-HI)
8666	0106	KLC ITT Galveston R. TX CQ mkr CW (Davis-CA) 0115 (Somers-CA)
8686	2041	WMH RCA Baltimore V mkr CW (Thompson-NM)
8713.5	1636	KFS ITT Half Moon Bay CA CQ mkr CW (Thompson-NM)
8739	0644	KMI ATT Oakland CA tfc SSB (Crews-FL)
8754.4	2243	WOO ATT Oceangate R. NJ tfc list USB (Thompson-NM)
8792.8	1553	WOM ATT Ft Lauderdale FL OM EE tfc SSB (Jones-MS)
8783	0140	WMI Lorain OH marine op wx rpt USB (Cook-MN)
8868	0448	WSY70 NY VOLMET OM EE wx AM (Crews-FL)
10680	2337	KRH50 State Department QRA mkr CW (Compton-MA)
12022.5	2115	KKN50 State Dept Washington DC QRA mkr (Hardester)
12111.5	1438	KKN50 State Dept Wash DC clg KU02ø CW (Compton-MA)
13145.4	2212	NMH USCG Alexandria VA YL EE wx beat USB (Davis-CA)

CARIBBEAN

ANTIGUA:	12718	2124	NAN USN V mkr CW (Davis-CA)
BERMUDA:	4420a	0231	VRT C&W West Indies OM EE tfc AM (Brick-MA)
	13505	2120	ZFD62 C&W OM EE vm SSB (Olsson-CT)
CUBA:	8702	1705	CLA22 EMRAIN Havana CQ mkr CW (Thompson-NM)
	10303.5	2350	IRTS Havana YL EE/SS vm LSB (Olsson-CT)
	13062	1536	CLA32 Havana R. CQ mkr CW (Mercado-CA)
	17105	2115	CLQ IRTS Bauta V-CQ mkr CW (Hardester-CA)
CURACAO:	8694	2257	PJC PTT Willemstad CQ mkr CW (Thompson-NM)
GUANTANAMO:	6885	0150	NAW11 AAC&R OM EE vm USB (Hardester-CA)
	6957	0205	NAW25 AAC&R OM EE vm USB (Hardester-CA)
MARTINIQUE:	8675.2	0118	FFP3 PTT Fort de France CQ mkr CW (Somers-CA)
PUERTO RICO:	6540	0124	San Juan Aeradio wkg Eastern 941 USB (Cook-MN)

CENTRAL AMERICA

CANAL ZONE:	12883	1827	NBA USN Balboa CQ mkr CW (Thompson-NM) (French-MD)	
COSTA RICA:	13094	1256	TIM CRI Limon V mkr CW (Young-GA) 2112 (Thompson)	
MEXICO:	6442.5	0615	XFS2 Tamaulipas R. V mkr CW (MacLennan-ONT)	
		8514	0711	XFL Mazatlan de Sinaloa R. CQ mkr CW (Trubee-HI)
			2227	XFU Vera Cruz R. CQ mkr CW (Thompson-NM)
		8568.5	2220	XFM Manzanillo R. CQ mkr CW (Thompson-NM)

SOUTH AMERICA

ARGENTINA:	8646	0209	LPD86 Gen. Pacheco R. V mkr CW (Thompson-NM)
	8030	0058	L0L2 Naval Obs. Buenos Aires time sig (Olsson-CT)
BOLIVIA:	17425	2330	CPN27/CPN35 La Paz V mkr CW (Olsson-CT)
BRAZIL:	8502	2300	PP0 PTT Olinda Pernambuco R. V mkr CW (Compton-MA)
	17120	0030	PRS5 Rio de Janeiro CQ mkr CW (MacLennan-ONT)
CHILE:	8510	0655	CCM Navy Punta Arenaz V mkr CW (Trubee-HI)
COLOMBIA:	8574	0727	HK2 EMNATEL Buenaventura CQ mkr CW (Trubee-HI)
	13086	1519	HKB EMNATEL Barranquilla V-CQ mkr CW (Mercado-CA)
GUYANA:	8847	0009	8RB C&W Demarara R. clg Paramaribo SSB (French-MD)
SURINAM:	16956	0010	PZN26 PTT Paramaribo CQ mkr CW (MacLennan-ONT)
URUGUAY:	8604	0131	CWA Cerrito R. CQ mkr CW (Somers-CA)
	9087	2307	CXL21 Montevideo La Senal time sig SSB (Compton)
	12750	2153	CWA Cerrito R. CQ mkr CW (Thompson-NM)
	13615	2230	CWK4 Montevideo La Senal YL time sig SSB (Olsson)

EUROPE

AZORES:	11230	1324	CUW USAF Lajes AFB OM EE tfc SSB (Beaudoin-CT)
BELGIUM:	8652	2304	OST42 Ostend R. V mkr CW (Thompson-NM)

CANARY IS.:	13092	1840	EAT4 Tenerife R. CQ mkr CW (Beaudoin-CT)
DENMARK:	8148a	0002	OVG8 Navy Frederikshavn V mkr CW (Olsson-CT)
	8598	0358	OXZ4 PTT Lyngby CQ mkr CW (Thompson-NM)
	12540	0235	OXZ2 PTT Lyngby tfc CW (Cook-MN)
ENGLAND:	6402	0440	GKS BPO Portishead ID mkr CW (Hardester-CA)
	6750	0318	AJE Croughton AFB OM EE tfc USB (Chabak-GO)
	7970	0010	BBC EE/Burmese feeder to Asia USB (Olsson-CT)
	8546	1753	GKA4 BPO Portishead V mkr CW (Thompson-NM)
	12771a	1940	GKS BPO Portishead ID mkr CW (Davis-CA)
	12791a	2132	GKG BPO Portishead ID mkr CW (Thompson-NM)
	13020	0750	GKK BPO Portishead ID mkr CW (Kiyomiya-JAPAN)
		1816	GKC BPO Portishead ID mkr CW (Thompson-NM)
FRANCE:	5450a	2330	Intntl Network Paris new OM EE/FF vm SSB. Change of name for FTS7 (Compton-MA)
	8510	0654	FFS4 St. Lys R. V mkr CW (Trubee-HI)
	9120a	0225	Intrntl Network new OM FF/EE vm SSB (Compton-MA)
	13380a	1431	Intntl Network new OM FF/EE vm SSB (Kiyomiya-J)
	17595	2115	FTR59 FTS Lyon OM EE/FF vm USB (Olsson-CT)
GERMANY, E.:	17520	0955	Berlin UDP GG/EE/FF OM vm SSB (Kiyomiya-JAPAN)
GERMANY, W.:	12763.5	1945	DAM Norddeich R. V mkr CW (Davis-CA)
	13027.5	1812	DAL Norddeich R. V mkr CW (Thompson-NM)
GREECE:	19885	0644	HTO Athina1 R. YL EE/Gr vm SSB (Kiyomiya-JAPAN)
HOLLAND:	6404	0430	PCH96 PTT Scheveningen CQ mkr CW (Thompson-NM)
ICELAND:	13069.5	2055	TFH13 Reykjavik PTT tfc list CW (Cook-MN)
ITALY:	7302a	2315	IDR3 Navy Rome V mkr CW (Olsson-CT)
	7518a	0505	ITALCABLE Rome YL SS/EE/It vm LSB (Chabak-CO)
	17084	1540	IQX PTT Trieste V mkr CW (Routenburg-ONT)
MALTA:	6482a	0418	GYZ BRN Lascaris ID mkr CW (Thompson-NM)
MONACO:	13196.5	2050	3AC4 D.G.T. OM FF/EE vm w/belle USB (Olsson-CT)
NORWAY:	12727.5	0100	LGJ Rogaland R. V mkr CW (MacLennan-ONT)
POLAND:	13616	1435	SON26 PTT Warsaw V mkr CW (Kiyomiya-JAPAN)
PORTUGAL:	6389a	0435	CTP NATO Oerlas ID mkr CW (Thompson-NM)
SCOTLAND:	8090	0219	GXH USN Thurso LCMF multi-call V mkr CW (Compton-MA) 0100 OM EE marine wx (Cook-MN)
SPAIN:	8682	2241	EAD3 EMNATEL Aranjuez CQ mkr CW (Koizumi-JAPAN)
SWEDEN:	12880.5	2115	SAQ2 Goteborg R. CQ mkr CW (Thompson-NM)
U.S.S.R.:	8688	0155	URD Leningrad R. clg 4KB CW (Cook-MN)
	10985a	1845	Moscow R/T YL EE vm SSB (Beaudoin-CT)
	14940a	1358	Moscow R/T YL EE vm USB (Olsson-CT)

AFRICA

AFARS&ISSAS:	13040a	0009	FUV Fr. Navy V mkr CW (Compton-MA) 1808 (Thompson-NM) 2245 (MacLennan-ONT)
CHAD:	11608	2325	TTZ6 FCR N'djamena OM FF/EE vm USB (Hardester-CA)
	14975	1530	FCR N'djamena OM EE/FF vm SSB (Beaudoin-CT)
CONGO, P.R.:	6617	0035	Brazzaville VOLMET OM FF wx AM (Olsson-CT) 0543 Beaudoin-CT) 2336 (Compton-MA)
GABON:	8752.5	0653	TIG Libreville OM FF vm SSB (Crews-FL)
IVORY COAST:	7570	0325	TUP75 INTELCI Abidjan YL EE/OM FF vm LSB (Chabak)
	10835	1957	TUP8 INTELCI Abidjan FF/EE vm SSB (French-MD)
KENYA:	19328	1305	5YF91 EAETC Nairobi OM EE vm USB (Olsson-CT)
LIBERIA:	19250	2306	5LF16 FCR Monrovia YL EE/FF vm USB (Davis-CA)
MALAGASY:	19250	1130	STIMAD Tananarive OM FF/EE vm SSB (Kiyomiya-J)
MAURITIUS:	6351.5	2325	3EM3 Telecom HQ V mkr CW (MacLennan-ONT)
MAURITANIA:	5727a	0315	OFIPOSTEL Nouakchott OM FF/AA vm LSB (Olsson-CT) 0340 (Chabak-CO)
	18978	2110	OFIPOSTEL 5TN30 Nouakchott FF/AA vm LSB (Olsson)
REUNION:	8469	1328	FFD PTT S. Denis clg 5RFC CW (Koizumi-JAPAN)
SENEGAL:	4575	0510	6WW Fr. Navy Dakar V mkr CW (Hardester-CA)
SO. AFRICA:	6495	0530	ZRH3 Cape Naval R. tfc CW (Hardester-CA)
	6505	0413	ZRQ Cape Naval R. V mkr CW (Thompson-NM)
	8566	0722	ZSJ4 P.M.G. Capetown V mkr CW (Trubee-HI)
	8606	0133	ZRH Cape Naval R. V mkr CW (Somers-CA)
	8686	0120	ZSC Capetown R. CQ mkr CW (Somers-CA)
TOGO:	10800	2230	5VH308 FCR Lome YL FF/EE vm SSB (Kiyomiya-JAPAN)
UPPER VOLTA:	16125	7777	XTA61 FCR Ouagadougou YL FF/EE vm SSB (Beaudoin-CT)

ASIA

CHINA, P.R.:	8502	0650	XSG Shanghai R. CQ mkr CW (Trubee-HI)
	12878	2122	XSG4 Shanghai R. CQ mkr CW (Thompson-NM)
INDIA:	12846a	1220	VTP Navy Vizakhapatnam V mkr CW (Kiyomiya-JAPAN)

	19410	1148	ATJ OTS Poona OM EE/Hindi vm SSB (Kiyomiya-JAPAN)
INDONESIA:	8694	0755	PNK DDPL Djaapur CQ mkr CW (Trubee-HI)
JAPAN:	4349	0940	JCS KDD Choshi V mkr CW (Trubee-HI)
	5315.5	1029	NRT USCG Kami Seya Monitor wkg NRT3 USB (Chabak)
	8706	1647	JOS KDD Nagasaki CQ mkr CW (Thompson-NM)
	8967	0733	AIF80 Yokota AFB wkg FL541 USB (Chabak-CO)
	16220	1200	NDT USN Yokosuka ID mkr CW (Kiyomiya-JAPAN)
KOREA, N.:	12100	0700	KCWR Pyongyang YL EE vm SSB (Kiyomiya-JAPAN)
KOREA, S.:	12712a	1205	HLM MinCom Mokpo V mkr CW (Kiyomiya-JAPAN)
PHILIPPINES:	8556	0730	DZG Globe Mackay Las Pinas CQ mkr CW (Trubee-HI)
SAUDI ARABIA:	7897	0020	HZP799 PTT Jeddah OM EE/AA vm LSB (Olson-CT)
	13900	1510	HZQ34 PTT Jeddah OM EE/AA vm SSB (Beaudoin-CT)
SINGAPORE:	8688	1425	9VG36 Singapore R. CQ mkr CW (Thompson-NM)
	8751	1219	9VG43 Singapore R. YL EE tfc USB (Routenburg-ONT)
TAIWAN:	8117	1227	BMB Taipei Meteorological V mkr CW (Kiyomiya-J)
THAILAND:	8686	1438	HSA2 PTT Bangkok CQ mkr CW (Koizumi-JAPAN)

OCEANIA

AUSTRALIA:	3432	1130	VLS Sydney VOLMET OM wx AM (Miklejewski-MN)
	7500	0800	VNG Lyndhurst OM time sig AM (Owsley-CA)(Crews-FL)
	8478	0706	VHP Navy Bellconnen V mkr CW (Trubee-HI)
	8481	0708	VIS AORTS Sydney V mkr CW (Trubee-HI)
	8597.5	0732	VIP AORTS Perth V-CQ mkr CW (Trubee-HI)
	9322a	0814	VIS AOTC Sydney OM EE vm USB (Chabak-CO)
	10017	1330	VLS Sydney VOLMET OM wx AM (Crews-FL)(Thompson-NM)
	11201a	0806	RAAF Darwin OM EE wkg NUK USB (Chabak-CO)
	12993	0840	VIP AORTS Perth V mkr CW (Kiyomiya-JAPAN)
CAROLINE IS.:	7581.5	0746	NRV-7 Yap Loran wkg NRV USB (Chabak-CO)
		0810	NRV-4 USCG Loran Angaur OM EE tfc USB (Chabak-CO)
GUAM:	6738	0954	AIE ANDERSEN AIRWAYS USAF tfc USB (Chabak-CO)
HAWAII:	4050	0833	NR07 USCG Kure Loran OM EE tfc USB (Chabak-CO)
	8542	2319	KHK RCA Honolulu V mkr CW (Somers-CA)
	8761.5	0550	NMO USCG Honolulu OM EE wx USB (Crews-FL)
	8903	0453	KVM70 Honolulu VOLMET OM EE wx AM (Crews-FL)
	13029	0555	KHK RCA Honolulu V mkr CW (Mercado-CA)
MARIANAS:	7581.5	0636	NRV2 USCG Saipan Loran OM EE tfc USB (Chabak-CO)
NEW ZEALAND:	6517a	0652	ZLW NZPO Wellington OM EE vm w/chimes USB (Chabak)
	8704a	0650	ZLW NZPO Wellington OM EE vm w/gonga AM (Crews-FL)
TAHITI:	7630	0943	FZ076 FTS Papeete YL EE/FF vm LSB (Chabak-CO)

ALL AT SEA

2638	2135	"Sundown" OM EE clg the "Pioneer 2" LSB (Hardester-CA)
2678	1013	NODX USCGC "Sweetbriar" wkg NOJ USB (Chabak-CO)
2694	0848	NRYZ USCGC "walnut" OM EE wkg NMQ (Chabak-CO)
5696	0953	"Mount Mitchell" US Coast & Geodetic Survey ship wkg NMA USB (Chabak-CO)
6208a	1140	"Whitecapper" off Bahamas wkg MNM SSB (Jones-MS)
6210a	1347	"Zephyr" W59485 OM EE wkg KUY Port Arthur TX SSB (Jones-MS)
6521.8	0407	WTEP "Oceanographer" USC&GS research ship tfc USB (Chabak)
	0617	NRPY USCGC "Flane Tree" clg NOJ USB (Chabak-CO)
	0815	NDIT USCGC "Mellon" wkg USCG Honolulu USB (Chabak-CO)
8259.5	0215	SZJT Greek reg. ship EE/FF tfc USB (Hardester-CA)
8768.6	2135	USS "Enterprise" wkg ICSC5 San Diego USB (Hardester-CA)
8792.8	0035	PJSU liner "Rotterdam" OM EE wkg WOM SSB (Compton-MA)
	0050	SZWE "Britannia" cruise ship wkg WOM SSB (Compton-MA)
12360	0400	"Proud Heritage" WYV388 wkg WLF LSB (Scott-FL)
12542a	1503	5LAD "Esso Hong Kong" clg WCC CW (French-MD)
	1506	XCTR "Toluca" clg XFU CW (French-MD)
12545a	1947	7TCK "Hassi-Messaoud" clg FFL6 CW (French-MD)
12554a	1838	GCFH "El Lobo" cargo vessel clg GKC CW (Thompson-NM)
12428	0125	"Royal Pacific" fishing boat nr Acapulco tfc USB (Cook-MN)

AIRCRAFT

11233	2348	"Corpus 21" OM EE wkg AFG37 Scott AFB IL SSB (Compton-MA)
	2350	Navy LF522, S. of Brunswick ME, clg AFG37 SSB (Compton-MA)

TACTICAL

4708.5	1213	WHITE TREE NPO Luzon OM EE wkg Kilo India USB (Chabak-CO)
4935a	1119	OSCAR INDIA w/SIERRA INDIA SSB (Jones-MS)
5430a	1038	HAPPYMAN OM EE clg MISSIONARY LSB (Chabak-CO)
5688	0135	MOOSECALL R. ck w/VACCINE ZERO USB (Brick-MA)

5723.5	0907	TEEBONE NUD USNAS Adak AK clg 7XRAY USB (Chabak-CO)
6721.5	0753	ORANGE JUICE USN Guam YL wkg Victor Kilo USB (Chabak-CO)
6723	1403	RASPBERRY NORFOLK YL wkg KILO 9 & NAA002 SSB (Compton-MA)
5770	0200	NUDE wkg ANKLE BRACELET USB (Cook-MN)
6721.5	0725	BACKLASH USN Yokosuka Japan wkg ROMEO 6 USB (Chabak-CO)
0904		PUNGI wkg LISTERINE & ORANGE JUICE USB (Chabak-CO)
1056		BASTILLE Harold E. Holt Sta Exmouth Australia OM EE R. ck w/FOXTROT CHARLIE USB (Chabak-CO)
1219		BRASS NAIL clg FOXTROT CHARLIE USB (Chabak-CO)
1032		SCHOOLBOY OM EE tfc USB (Chabak-CO)
6761	0303	LONE WOLF (SAC sta) R. ck w/SOLUTION USB (Chabak-CO)
	0307	ANKLE BRACELET wkg MAIN 55 & CHANT 22 USB (Cook-MN)
	0310	WARHORSE OM EE tfc USB (Cook-MN)
	0445	HAPPY FACE OM EE Foxtrot bcst USB (Chabak-CO)
11243	0815	CALLAWAY OM EE SKYKING tfc USB (Chabak-CO)

 "SFY" NUMBERS STATIONS

4670a	0120	YL SS 4-digit groups to 0129* AM (Olsson-CT) 4/29/76
8420	0120	YL SS 4-digit AM 4/15/76 (Cook-MN)
9070	1444	YL SS 4-digit "Fin" @ 1456 AM 5/7/76 (Compton-MA)
10122a	0010	YL SS 4-digit USB 4/28/76 (Cook-MN)
11545a	2145	YL GG 5-digit ea group repeated "Ende" @ 2155 4/22 (Olsson)
13452a	1440	YL SS 4-digit AM 4/24/76 (Cook-MN)

 RADIOTELETYPE

CHINA:	10413.4	1420	BCI35 Nanking RY test 66 wpm/425 hz shift (Green)
CUBA:	7663	2300	CLN66 P.L. News Havana nx to L.A. 60/425 (Scott)
	14505	1250	CML38 IRTS Havana cables 60/425 (Scott-FL)
CZECHOSLOVAKIA:	15505	1730	OLS2 Prague SS news, test 66/425 (Green-UT)
FRANCE:	7536	2300	PTH43 AFP News Paris nx to Peru SS 60/425 (Scott)
	10185	0000	FPK8 AFP News Paris SS nx 60/425 (Scott-FL)
	16185	1810	FPQ8 AFP News Lyon SS nx 60/425 (Scott-FL)
GERMANY, W.:	11638	1900	DDF8 Meteorology Office EE test 66/425 (Scott-FL)
HUNGARY:	15670	1620	HGM36 HNA Szekesfehervar EE nx 66/425 (Green-UT)
ITALY:	10624	0245	PIARCO QTH unk EE test 60/425 (Scott-FL)
U.S.A.:	6935	2350	WFA36 AP NYC SS nx 60/425 (Scott-FL)
	7760	2335	WFA67 UPI Brentwood NY SS nx 60/800 (Scott-FL)
	10825	0255	WFE20 UPI NYC SS nx 60/425 (Scott-FL)
	10895	0300	WFE40 NYC SS nx 60/425 (Scott-FL)
	13705	2330	WER93 RCA NYC test w/Havana 66/425 (Scott-FL)
	13843	1220	WFK93 ANSA NYC SS nx 60/425 (Scott-FL)
	14695	1300	WFD24 UPI NYC SS nx 60/850 (Scott-FL)
	14710	2005	WFD34 AP NYC SS nx 66/425 (Scott-FL)
	14725	1305	WFD44 DPA NYC SS nx 66/425 (Scott-FL)
	15919	1800	WEY45 AP NYC EE nx 60/425 (Scott-FL)
	16250	1800	WSY70 NY VOLMET Synoptic wx 60/850 (Scott-FL)
	16372.5	1830	WFD86 UPI NYC EE Nx Circuit "w" 60/850 (ScottFL)
U.S.S.R.:	10258	1440	RDZ74 Tass Moscow EE nx RYtest 66/425 (Green-UT)
	10790	1405	RKA71 Tass Moscow EE nx 66/425 (Green-UT)
	15865	1705	RBK79 Tass Moscow EE nx RYtest 66/425 (Green-UT)
VIETNAM:	7792	1525	VNA38 Hanoi RY test 66/425 (Green-UT)
YUGOSLAVIA:	15705	1500	YZJ6 TANJUG Belgrade RY test 66/425 (Green-UT)

 FACSIMILE

HAWAII:	13862.5	0320	NPM USN Honolulu wx map (Scott-FL)
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 LONGWAVE

U.S.A.:	179	2020	WGU20 DCPA Edgewood Arsenal Chase MD OM EE wx AM (Lunstrum-FL)
	230	2045	SHV Shreveport LA OM EE aviation wx (LunstrumFL)
	379	2055	TL Tallahassee FL OM EE air wx (Lunstrum-FL)
SHIPS:	480	0330	WHGY "Vantage Defender" tanker w/NMF CW (OlssonCT)
		2102	KKTO "Texaco Illinois" wkg NMF CW (Olsson-CT)

 QSLs

ARGENTINA: LOL Buenos Aires 10000. Cd in 99d reg. air, IRC (Beaudoin-CT)
AUSTRALIA: NWC USN BASTILLE Harold E. Holt Sta Exmouth 6721. PFC in 20d
 for ms. (Chabak-CO)
 VNG APO Melbourne 4500. F/d ltr in 51d air for (Gion-MA) 7500
 Folder cd & ltr f/d in 33d air for no rp. (Denissen-HOLLAND)

AFARS & ISSAS: FZJ FTS Djibouti 13761. F/d ltr 13d air for EE rpt & IRC.
VS: C. Kessas, Chef de Centre. (Denissen-HOLLAND)
BAHAMAS: NMA4 USCG Loran San Salvador 4048.5. PFC 92d for ms. (Chabak-CO)
BARBADOS: SPO C&W 8718. Usual folder in 25d for IRC. (Denissen-HOLLAND)
BELGIUM: OST Ostend R. 22602. F/d b&w cd 21d for Dutch rpt & IRC. (Denissen)
CANADA: Teleglobe 16320. F/d color cd of Montreal Place des Arts in 98d
 for EE rpt & IRC. (Denissen-HOLLAND)
CAMEROON: Intelcam Douala 19890. F/d ltr in 53d for EE rpt & IRC (Denissen)
CONGO: Brazzaville VOLMET 6617. F/d FF ltr 20d air for 2 IRCs (Beaudoin-CT)
BELIZE: C&W 10600 & 10700. F/d cd in 9d air for IRC. (Trochimczyk-DC)
FRANCE: Navy, Houilles FUB 4328. Min. Defense ltr in 17d for EE rpt and
 IRC. VS: L. V. Kergall. (Denissen-HOLLAND)
GAMBIA: C5B88 C&W Banjul 18624. Usual folder 42d for EE rpt & IRC (Denissen)
GERMANY, W.: DAN Norddeich R. 12898.5. Refusal ltr from Funkamt Hamburg be-
 cause of freq reports that "break the Geneva rules". (Denissen-HOLLAND)
GREECE: Athina R. 6512. Cd in 145d surface for IRC. (Beaudoin-CT)
FALKLAND ISLANDS: C&W Port Stanley 19950. F/d cd 80d for IRC. (Trochimczyk)
GERMANY, W.: DDJ9 Deutscher Wetterdienst Quickborn 11039. B&W ship cd in
 18d air for EE rpt & ms, also completed PFC. (Walters-NJ)
GREECE: SVA Athinal R. 8704. F/d OTE paper cd 7M for 2 IRCs (MacLennan-ONT)
GREENLAND: PTT Godthaab 10645. Ltr in 24d air for 2 IRCs. (Beaudoin-CT)
GUAM: NPN ORANGE JUICE USN. Usual NPN cd w/o freq 16d for ms. (Chabak-CO)
HONGKONG: ZEN49 UPI 10730. F/d ltr in 1m air for 1 IRC & EE rpt (Koizumi-J)
ISRAEL: 4XO Haifa R. 17147.5. Ltr 29d air for IRC & EE rpt (Denissen-HOL)
 4XZ Navy Haifa 8705.6. F/d blue ship cd 98d air for ms (Walters-NJ)
IVORY COAST: INTELGI Abidjan 18436.5 ltr in 29d for EE rpt & IRC (Denissen)
LIBERIA: 5LF7 FCR Monrovia 7967.5 f/d ltr 74d air for 5 IRCs (Walters-NJ)
 5LF19 same in 72d for EE rpt & 1 IRC. (Denissen-HOLLAND)
MOROCCO: CNP Casablanca 8687. FF ltr 31d for EE rpt & IRC (Denissen-HOL)
NETH. ANTILLES: PJC Curaçao R. 17170.4 Color cd 27d for Dutch rpt & IRC.
 (Denissen-HOLLAND)
NEW ZEALAND: ZLB4 OTC Awarua 8504. F/d PFC & ltr 7m for 3 IRCs (Walters-NJ)
NIGERIA: NET Lagos 19112.5. Color cd in 32d for EE rpt & IRC (Denissen-H)
NORWAY: LFW Rogaland R. 12876. Cd in 38d for EE rpt & IRC (Denissen-HOL)
PHILIPPINES: NPO USN San Miguel WHITE TREE 6721.5. PFC & personal ltr
 in 17d air for ms. (Chabak-CO)
POLAND: SPC4 Gdynia R. 8780. Warsaw color cd 262d for EE rpt (Denissen-H)
 SPE4 Szececin R. PTT 8557. F/d ltr in 4m surface for 2 IRCs (Koizumi-J)
PORTUGAL: CUC9 CPRM Alfragide 19814.5 f/d EE ltr 68d air for IRC (Walters)
 CUL20 CPRM Lisboa 12943. Ltr in 49d for EE rpt & IRC (Denissen-HOL)
SENEGAL: 6WW Navy Dakar 4575. F/d cd 18d air for ms (Walters-NJ)
SPAIN: AOK Moron AFB Rota 5917. F/d NST leprechaun cd via Londonderry in
 15d for 2 IRCs. (MacLennan-ONT)
SWITZERLAND: HEB 13023.7 Bern. F/d silver cd 38d for 2 IRCs (MacLennan-O)
TAIWAN: XSW Kaohsiung R. 8582. F/d CC ltr 6w air for 1 IRC after follow-up
 (Trochimczyk-DC)
U.S.A.: WCC RCA Chatham MA 13033.5. F/d ltr 9d. MS returned. (Mercado-CA)
SHIPS: CYWM "Athabaskan" Canadian Destroyer DDH-219 2716. PFC in 63d.
 (Chabak-CO) Address: HMCS Athabaskan FMO Halifax, 12 Mess Halifax
 Nova Scotia Canada
 NAEE USNS De Steiguer T-AGOR12 Oceanographic Survey Ship 12555 khz.
 Returned PFC w/2 f/d personal ltrs, one w/ship freqs. Also USNS folder
 autographed by Radio Officer, & Master. 2w. (French-MD)
 NODR USCGC "Sagebrush" 2678. PFC in 45d. (Chabak-CO)
 Several reporters forgot to include whether or not they sent return
 postage with their reports. Please include this in the future.

To be of use to your fellow SPEEDX ute DXers your loggings should be
 complete (as complete as possible), and accurate. Each month some log-
 gings must be discarded because they are incomplete and/or illegible. The
 info most often omitted includes Call, Station Name, Frequency, Time, &
 Date the logging was made. STATION NAME means the name of the agency or
 company operating the station, such as: USAF; French Navy; Cable & Wire-
 less; Post, Telephone & Telegraph; USN; USCG; etc. PLEASE doublecheck
 your loggings to see that all info (including MODE) is entered & correct.
 In the case of unidentified loggings give all the info that would be help-
 ful in making the identification. Complete vms or CW mkr's are useful in
 this respect. If unlisted freqs cannot be determined with the accuracy of
 a BC221 freq meter, please indicate them as approximate, (a).

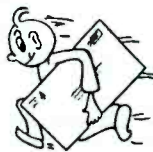
73 & Best of DX!

Ken Compton

QSL REPORTS



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



Verified Countries - 147

Deadline: 15th of month

Just a year ago today, I was complaining about the heat. Should have kept my mouth shut. It's hotter this year. Anyway, it's time for another stint at the typewriter, and with 62 reporters this month contributing a fair crop of QSLs, I shouldn't have too much trouble filling these pages. Thanks to all, and to the nine first time reporters to this column, a hearty "welcome aboard."

Now on the more serious side, before we get down to business, a statement and a plea. SPEEDX members rely on the columns in this magazine for their own listening and reporting. They have every right to expect the data contained herein to be representative and accurate, and we do the best we can with what we receive. With regard to this particular column, it is expected by all that QSLs reported have been received in the last month, i.e., since the last issue, and have not been previously reported to SPEEDX. (O.K.--I'll be soft hearted. Since some of you don't report every month, I'll say the last two or three months). This is not a column designed to promote your triumphs of previous years. If you intercepted Hannibal's message to Carthage reporting his crossing of the Alps, and received a QSL for it, fine. Send me a XEROX copy (both sides please), and I'll feature it. But please don't send it in as a report received last month. Even the U.S. Post Office isn't that slow. (XEROX copies of old QSL cards, indicated as such, are always welcome, particularly if the station is no longer active, or if they can be paired off with a modern card from the same station; such cards will be published as space permits). So, in particular, watch the frequencies and, in a few cases, sources.

Europe

- ALBANIA: R. Peking Relay, 9780, date/fqy cd "Timber Forests of Changpai Mountains" in 22d air, no rp (MEEHAN CT)
R. Tirana, 9480, f/d cd of man holding a flag, 109d air, no rp (ROJEWski WA)
- BULGARIA: R. Sofia, 9700, cd "Causeway over river in Nessebar" in 6 mo for MS (ROGERS ONT)
- CZECHOSLOVAKIA: R. Prague, 5930, b/w pc w/landscape print in 34d air for 1 IRC (SMITH MD), f/d cd w/photo of Beskyoy in 29d air (MEEHAN CT), time/fqy "High Tatra Mountains" cd in 57d air + color slides for monitor svcs (MEEHAN CT), time/fqy "Zizka Square" cd in 32d (MEEHAN CT); 7345, f/d "Snow Mountain" cd in 42d air, no rp (HINDS TRIN)
- FRANCE: R. France International, 15200, f/d cd "Couleurs et lumiere de France" in 22d air, no rp (GION MA)
- GERMANY (Democratic Republic): RBI, 15255, f/d cd "Goethe--Stadt Weimar" series DDR-3 in 52d air, no rp (SMITH FL)
- GERMANY (Federal Republic): Deutsche Welle, 6010, date only cd w/animal paintings in 18d air, no rp (THOMPSON NM); 7150, f/d logo cd in 84d sfc for 1 IRC (MARTI CA); 11865, f/d "regular" cd in 14d air, no rp (HINDS TRIN)
- GREAT BRITAIN: BBC, 5975, usual "Thames" cd in 30d air, no rp (KELLY WI); 11820, "Big Ben" cd in 50d, no rp (SILVA CA), no fqy, "Thames" cd in 20d sfc (LUNSTRUM FL)
VOA Relay, 6080, "Capitol" cd in 27d sfc (GAFFIN NY); 7200, "JFK Center" cd, no time (MEEHAN CT)
- GREECE: EPT, 9760, f/d plain black'white cd, 18d air, no rp (ROUTENBURG ONT), same in 24d air for 1 IRC (KELLY TN), same in 30d air for 1 IRC (ESTES MS) (It has been suggested that EPT is a typo on the cards and letters and that it should be ERT; could be, but the copies that I have received still come in EPT, so that is what I will report until someone comes up with a definitive statement from Greece. bc)
VOA Kavala, 7270, JFK cd in 13d (MEEHAN CT)
- HOLLAND: R. Nederland, 9715, f/d b/w optical illusion cd (see May issue, p. 42. bc) in 12d air, no rp (GION MA), "Special EDXC QSL" cd w/full data, 14d air, (MEEHAN CT); 11730, EDXC cd in 19d, no rp (HINDS TRIN), f/d cd w/Madagascar Relay antennas in 60d sfc for 2 IRCs (KUMMER KY), no fqy, EDXC cd in 30d air, no rp (LUNSTRUM FL)
- HUNGARY: R. Budapest, 6000, purple cd w/sketch of bldg, 5 wks sfc, no rp (KELLY WI); 6115, blue/gray cd w/sketch of castle, 34d air for 1 IRC (SMITH MD); 9585, same cd in 73d air for no rp (SMITH FL); 9655, purple globe cd in 31d air for 1 IRC (SMITH MD)
- ITALY: RAI, 9575, f/d cd w/painting "Il settecento Italiano" in 178d sfc for 1 IRC (GEBHARDT IA); 12755, same cd in 114d air, no rp (SMITH FL)
IBF (frequency and time stn), no fqy, f/d "broadcast circle" cd in 39d air for no rp (ROUTENBURG ONT)
- NORWAY: R. Norway, 11895, f/d "Spring pasque flower" cd in 21d air, no rp (ROUTENBURG ONT)

POLAND: Polskie R., 9440, f/d color cd w/drawing of Warsaw skyline, in 38d air, no rp (SMITH FL)

PORTUGAL: IBRA R., 9670, f/d cd w/blocks of daily gospel broadcast + pennant in 19d air for 2 IRCs (MAKISHIMA JAPAN)

R. Free Europe, 15115, f/d blue/white RFE cd w/ID in five languages, 17d air for no rp (BOWEN NS); 17835, same cd in 23d air for 2 IRCs (TALBOT WI) (Larry says he mailed his report to the German address, after two previous reports to the New York address went unanswered. bc)

R. Portugal, 6025, f/d cd w/photo of Lisbon, 15d air for 1 IRC (THOMPSON NM), f/d "Hot Springs swimming pool" cd in 15d air, no rp (MEEHAN CT), same in 21d (HINDS TRIN), f/d "St. George's Castle" cd in 20d air, no rp (Bryant IL)

ROMANIA: R. Bucharest, 5990, f/d cd "Peles Castle" in 25d air, no rp (YOUNG CA), f/d cd w/map of Europe framed w/drawings of Romanian architecture + pennant in 37d air, no rp (MEEHAN CT), f/d map cd w/logo, 43d air for no rp (HINDS TRIN); 7195, same cd in 52d air, no rp + a "Martisor" (I'll bite, Ron--what is it?)(HINDS TRIN); 11940, f/d cd w/houses, statue, and bridge in 31d air, no rp (MAKISHIMA JAPAN)

SICILY: RAI, 6060, cd w/reproduction of Bellotto's "Vaprio sull 'Adda" in 107d air for 1 IRC, EE/II rpt (BROOKS CT)

This cd is reproduced at right, and confirms bdest from Sicily on 6060 to 0000 GMT, with switch to Rome after midnight. Should straighten out this little bit of confusion, at least. bc

SPAIN: RNE, 6120, color cd of xmtr bldg in 59d sfc for no rp (SOMERS CA)

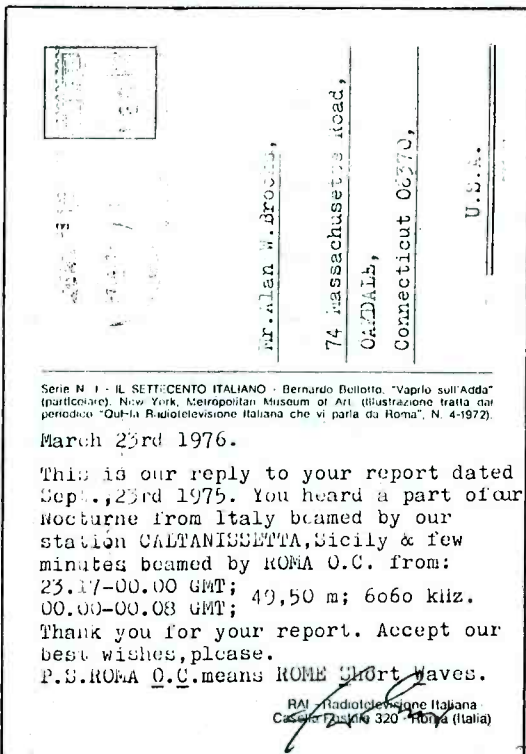
SWITZERLAND: SBC, 6045, f/d cd "Old Town of Berne" in 150d sfc for no rp (HINDS TRIN); 15140, f/d cd "Collegiate Church, St. Gall" in 20d air for 2 IRCs (YAJKO PA), "Old bridge near Intragna" in ??d, no rp (ROGERS ONT); 15305, same cd in 30d, no rp (MAKISHIMA JAPAN); various fqys, "Church of Tegna" no data cd for SBC report form in 40d sfc, no rp (MEEHAN CT) ICRC, 7210, date/fqy half size ltr w/circle w/Red Cross in middle, in 36d air for 3 IRCs (CREWS FL)

USSR:
Byelorussian SSR: R. Moscow, 7100 (Orsha), f/d cd "Kalinin Prospekt" in Moscow, in 72d air (MEEHAN CT); 7105 (Orsha), f/d picture pc in 22d air (MAYER IL)
Lithuanian SSR: R. Vilnius, 9745, "flower" cd in 153d sfc, no rp, f/d (FAMULARO NJ)

RSFSR (European): R. Moscow, 7200 (Armavir), 7205 (Armavir), 7210 (Zhigulevsk), 7215 (Zhigulevsk), 7350 (Moscow), 7440 (Moscow), 15450 (Moscow). f/d cds in 12-72d. "Building of CMEA in Moscow" (SMITH FL) (MEEHAN CT), "Downtown" Moscow (OWSLEY CA), "Grand Kremlin Palace" (SMITH FL), "Kalinin Prospekt" in Moscow (SMITH FL), "picture pc" (MAYER IL), no desc (SMITH MD), "Rocket Launch" memorial (WHITE FL)
R. Peace and Progress, 19m band, f/d small blue cd, 96d air, no rp (BOWEN NS)
Ukrainian SSR, R. Kiev, 7140, f/d map cd in 56d air, no rp (DAY CA); 7160, f/d cd w/colored circles and central design, 56d air (DAY CA), no fqy, circle design cd in 39d air (LUNSTRUM FL)
R. Moscow, 7115 (Ivano-Frankovsk), f/d picture pc in 22d air, no rp + Vinnitsa (7160) and five others on same cd (MAYER IL)

VATICAN CITY STATE: R. Vaticana, 5995, f/d garden cd in 13d air + apologies for being out of requested Sistine Chapel cd, no rp (MEEHAN CT); 7235, f/d cd w/color photo of stn bldg, 87d air for 2 IRCs (ISHIZAKI JAPAN)

Education is what you get from reading the small print; experience is what you get from not reading it!



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



الجمهورية العربية الليبية

الهيئة العامة لإذاعة الثورة الشعبية

« ربنا افتح بيننا وبين قلوبنا
بأفق، وأنت خير الناطقين »
صدق الله العليم

الرقم الاشاري :

الموافق / / ١٩٨٦ م

التاريخ / / ١٩٨٦ م
Dated: 7th March, 1976

Douglas Snyder,
KDX6QSL, 3130 Woodmont Drive
San Jose, California
U.S.A., 95118

Dear Snyder,

We acknowledge with many thanks reception of your letter under date nill alongwith your reception report for our verification.

We have a pleasure to note your utmost interest against our programmes. Further we verify your reception report which is correct. Pleas find enclose herewith a schedule of our Radio and TV station to facilitate the matter.

Regards.

Yours faithfully

Bilgusem Benzeid

القائمة والتدريب

التدريب

طرابلس : شارع الفتح - ص.ب ٣٣٣ - هاتف ٤ / ٣ / ٢ / ١ - ٢٢٤٥١ - برقا
تغازي : شارع الشهيد عبدالمعزم رياض - ص.ب ٢٧٤ - هاتف ٩١١١٢ - ٩١١١٨ - برقا

Above is Doug Snyder's letter from Libyan Arab Republic, reported last month.

ASCENSION ISLAND: BBC Relay, 7105, usual Thames cd in 31d air for 2 IRCs (CREWS FL)
VOA Relay, 15195, "Capitol" cd in 6d sfc, no rp (CREWS FL)
CONGO (People's Republic): Voix de la Revolution Congolaise, 4765, f/d ltr in FF in 16d
air for 1 IRC (MAKISHIMA JAPAN); 15190, same in 24d air for 2 IRCs, FF rpt (VOKES TX),
same in 16d air for 2 IRCs, EE rpt (WORMAN WI), same in 30d air for 2 IRCs, EE rpt
(BREEDEN MS)
EGYPT: R. Cairo, 9475, f/d cd "1st serial, 3rd scene" in 36d air, no rp (PETERS KY),
same in 47d air for 1 IRC (BRYANT IL)

ETHIOPIA: ETLF, 11910, f/d antenna cd in 151d air, no rp (FAMULARO NJ)

GAMBIA: R. Gambia, 4820, date only long mimeo ltr w/confirmation statement in 198d air for 3 IRCs (SNYDER CA), no data form ltr in 210d air for 3 IRCs (BODELL OR), fqy only ltr in 215d for 2 IRCs (SMITH TN)

GHANA: GBC, 4915, usual f/d cd w/red/gold/green border in 32d air for 2 IRCs (GEBHARDT IA) same in 177d air for 2 IRCs (BODELL OR), same in 130d for no rp (SMITH TN); 4980, same cd in 120d sfc, no rp (HARDESTER CA); 9545, same in 424d sfc, no rp (FAMULARO NJ)

LIBERIA: ELWA, 4270, usual f/d red/white/black drummer cd in 380d sfc for 1 IRC (BIXBY CA) 11945, same cd in 52d air for 3 IRCs (ROMANI MI), same in 146d air for no rp (FAMULARO); 11950, same in 57d air for 2 IRCs (YAJKO PA), same in 113d sfc for 1 IRC (THOMPSON NM) VOA Relay, 7195, Capitol cd in 7d (MARTI CA); 15445, same in 5d (TOMORI HI)

MALAGASY (Republic): R. Nederland Relay, 7285, f/d cd w/picture of RN studios, in 44d air for 1 IRC (GEBHARDT IA)

MALAWI: MBC, 3380, f/d green form ltr w/pers ltr from C. Eng. mailed separately, in 20d air for MS (WHITE FL), f/d pink form ltr w/map of Africa in 30d air for 2 IRCs (GRIDER MD) v/s for both letters was O.C. Mandalasi

MOROCCO: Rdif. TV Marrocaine, 6170, no data map folder cd w/sked & verie in AA/FF/EE, in 67d for 2 IRCs and FF rpt (BOWEN NS)

MOZAMBIQUE: R. Mocambique, 4865, f/d cd w/globe and radio waves emanating from Mozambique in 25d air for Gilfer form and 2 IRCs. Address: C.P. 594, Maputo, Mocambique (GRIDER MD)

SEYCHELLES: FEBA, 11715, f/d blue/orange map cd in 22d air, no rp (ROUTENBURG ONT); 11810, same cd in 18d air for 2 IRCs (BOWEN NS); 15325, same cd in 14d air for 3 IRCs (MAKISHIMA JAPAN)

SOMALIA: R. Mogadishu, 9585, f/d form ltr in 39d air for 2 IRCs (GRIDER MD), same in 37d air for MS and tape (WHITE FL), same in 47d air for no rp (FAMULARO NJ)

SOUTH AFRICA: RSA, 9585, 11900, 15220, f/d cds in 16-45d for no rp to 2 IRCs, "Springbok" cd (WORMAN WI)(TOMORI HI), special SADX Club QSL (MILLER CA)(GION MA)(THOMPSON NM) (WHITE FL)

SABC, 4810, 4875, usual f/d "industries" cds in 14-52d air for no rp or 1 IRC (TROCHIMCZYK DC)(BERGER TX)(ROUTENBURG ONT)(MAKISHIMA JAPAN)(CALIRI MA)

SWAZILAND: TWR, 9590, f/d native warrior cd in 98d air for MS (WHITE FL), same in 22d air for no rp (HINDS TRIN), same in 18d for 2 IRCs (GRIDER MD) v/s for all ltrs was Jenetto Gain

TUNISIA: Rdif. TV Tunisienne, 7275, f/d color photo cd of different jars and pots, in 68d air for 2 IRCs, EE rpt (BOWEN NS)

Asia

CHINA (People's Republic): R. Peking, 7315, "Transplanting rice" folder cd in 98d sfc (MILLER CA); 9460, "Timber forest of the Changpai Mts" cd in ?d for 2 IRCs (CREWS FL); 9780, same cd in 16d air, no rp (BETHGE MO); 9860, date/fqy blue/gold cd of bldg with circles in 16d air (MERCADO CA); 15060, f/d cd "Forest of the Changpai Mountains" in ?d air (PETERS KY)

CHINA (Republic): VOFc, 11825, f/d cd "Fine glazed twin jars" in 55d air for 3 IRCs (ROJEWSKI WA)

INDIA: AIR, 9525, f/d cd "Varanasi Ghats" in 154d air, no rp (HINDS TRIN), f/d cd "Gateway of India" in 191d air, no rp (YAJKO PA)

INDONESIA: V. of Indonesia, 11790, date/fqy folder cd w/mosaic of Indonesia culture in 131d sfc for no rp (MERCADO CA)

ISRAEL: IBA, 5950, f/d "Western Wall" cd + pennant in 5 wks air, no rp (KELLY WI); 7395, same in 51d, no rp (SMITH FL); 7412, same in 53d air, no rp (SMITH FL); 9009, same in 45d air for 2 IRCs (NUMATA JAPAN); 9815, f/d "Knesseth Bldg" cd in 59d air, no rp (HINDS TRIN), "Western Wall" cd in 2 mo air (ROGERS ONT)

JAPAN: NHK (R. Japan), 5990, 9505, 9605, 15195, 15270, 15300, 15420, 17825, 17880. f/d "Yakko" cd in 11d (MARTI CA), same in 16d (ROJEWSKI WA); date/fqy "A lucky pair of Hakata Dolls" cd in 7-42d air, no rp by (SMITH FL)(TOMORI HI)(THOMPSON NM)(HINDS TRIN) (ROGERS ONT)(DAY CA)(SILVA CA)(CLEVELAND CA)(HARDING CA)(MEEHAN CT)(YAJKO PA) (See illustration on the next page and, space permitting, a short comment on this card at the end of the column. bc)

KOREA (Republic): R. Korea, 9640, f/d cd "Namhae suspension bridge" in 83d air for MS (WHITE FL); 15335, f/d "Mattreya Buddha" cd in 210d + pennant, no rp (ROJEWSKI WA)

KUWAIT: R. Kuwait, 9555, f/d folder cd w/castle and history, in 32d air for 3 IRCs (MAKISHIMA JAPAN); 11940, same cd in 5 wks air for 1 IRC (BOYD NFLD)

PHILIPPINES: FEBC, 7225, f/d cd w/photo of tree, 92d air for ?IRCs and JJ rpt (ISHIZAKI JAPAN); 14440, f/d cd w/painting of native homes on lake, 52d air for 2 IRCs (THOMPSON NM); 17810, f/d FEBC staff cd in 4½ mo for 2 IRCs (MARTI CA) v/s for all was Joan Ross

VOA Tinang, 9545, "Capitol" cd in 8d (THOMPSON NM)

VOP, 9530, date only cd w/view along Kennan rd, 17d air, no rp (MILLER CA)

SINGAPORE: R. Singapore, 5052, f/d colored logo cd in 26d air, 3 IRCs (MILLER CA)

A
 Lucky pair
 of
 Hakata Dolls



THAILAND: R. Thailand, 9655, f/d cd of orchids, 127d sfc for 1 IRC, lists 2.5 kw power (HARDESTER CA)

TURKEY: V. of Turkey, 9515, date/fqy cd "Nasreddin Hodja" in 1 mo air for 1 IRC (BOYD NFLD), same in 29d, no rp (ROUTENBURG ONT), "Karagöz & Hacivat" cd in 32d, no rp (MEEHAN) "Keloglan, amiable bald hero" in 26d, no rp (HINDS TRIN); 11880, "Bosphorus Bridge cd in 3 wks + pennant (MAKISHIMA JAPAN), "Nasreddin Hodja" cd in 20d (VOKES TX)

USSR:

Armenian SSR: R. Yerevan, 15130, small white cd, 125d sfc for MS (WHITE FL)

RSFSR (Asiatic): R. Moscow, 7150 (Khabarovsk), 15140 (Petropavlovsk-Kamchatsky), f/d cds in 18-22d air, "Sputnik Memorial" (THOMPSON NM), "picture pc" (MAYER IL)

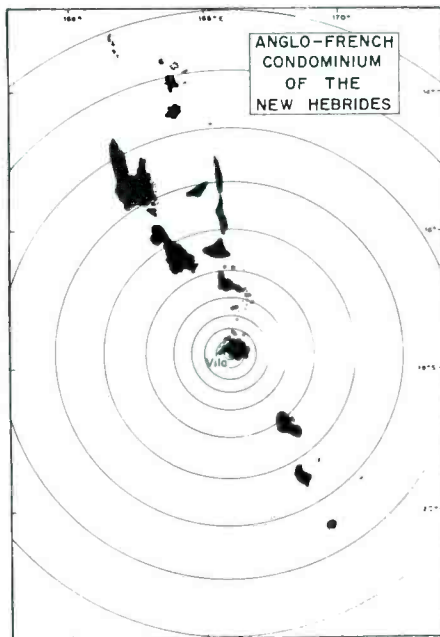
Uzbek SSR: R. Tashkent, 9540 and 11925, f/d building design cd in 49d air for 2 IRCs (ISHIZAKI JAPAN); 11925, same cd in 45d air, no rp (MAKISHIMA JAPAN)

RADIO VILA Stations YJB4, YJB7
 of the
 New Hebrides
 Broadcasting Service

To: Doug Snyder.
 Of: San Jose, Cal: U.S.A.

I am pleased to be able to confirm your
 reception of this station YJB4
 at G.M.T. 27.21 - 20.14.
 on 29th April, 1974.

TRANSMITTER: AWA BTH-2
 FREQUENCY: 3945 KHz.
 NOMINAL OUTPUT POWER: 2KW
 ANTENNA SYSTEM: 3945 KHz - Vertical
 incidence TRO/4/0.3 array of four
 phased dipoles in rectangular arrange-
 ments, with radiation peaks directed
 north and south. 7260 KHz - colinear
 array 0.32 above ground.



.....
 for Radio Vila

Oceania

- AUSTRALIA:** ABC Perth, 6140, f/d map cd in 26d air, no rp (ROUTENBURG ONT)
 R. Australia, 5995, 7220, 7235, 9560, 9580, 9770, 15320, 15350, 17795, f/d cds, f/s
 Peter Homfray in 30d air to 304d sfc for 2-3 IRCs or no rp. "Net Bush" (MILLER CA)(DAY)
 "Kookaburra Birds" (ROGERS ONT)(ROJEWSKI WA)(MILLER CA)(ROMANI MI), "Grass Tree" (DAY CA)
 (BETHGE MO)(ROUTENBURG ONT)(SMITH FL), "San Michele Sheep Station" (THOMPSON NM)(MILLER)
 (STUART MA), "Grevillea Flower" (DAY CA)(THOMPSON NM)(MILLER CA), "Point Wrest Hotel"
 (DAY CA)(MILLER CA), "Aboriginal Cave Painting" (PETERS KY), "Surf Lifesaving Boat"
 (OWSLEY CA), "Stanley Chasm" (HARDING CA)
 VNG (standard fqy stn), 7500, f/d ltr in 19d sfc (fast boat!! bc) for 2 IRCs (OWSLEY CA)
 12000, f/d veri ltr in 5 mo air from HQ, no rp and another in 5½ mo air from broadcast-
 ing branch, no rp (MAKISHIMA JAPAN)
- NEW HEBRIDES:** R. Vila, 3945, f/d folder cd in 2 yrs air for 4 IRCs, v/s P.L. Salemallo
 (SNYDER CA) See illustration on previous page.
- NEW ZEALAND:** R. New Zealand, 9520, f/d cd w/fishing scene, 51d air, no rp (SMITH FL);
 9585, same cd in 42d air for 2 IRCs (MILLER CA); 11780, f/d px of Wellington bldgs and
 cable car, 53d air for 2 IRCs (CRABLE ID)

South America

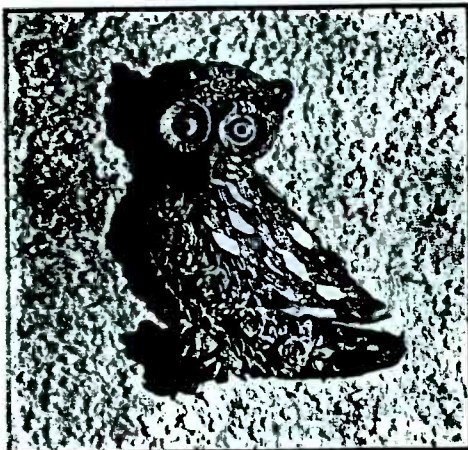
- BRAZIL:** R. Nac. de Brasilia, 11780, f/d pink map cd, 30d air, 1 IRC (BOYD NFLD)
- CHILE:** R. Dimensión 146, 9560, no data pc of palm trees in 25d air, no rp, for EE/SS
 rpt, v/s "Rosalinda" (ROUTENBURG ONT) (Formerly R. Diego de Almagro)
- COLOMBIA:** R. Guatapurí, 4915, SS ltr in 3 mo for 1 IRC (TROCHIMCZYK DC), "thank you" ltr
 in 124d for MS and SS rpt (HARDESTER CA)
 Em. Meridiano 70, 4925, no data ltr + pennant in 25d air for 2 IRCs, SS rpt, v/s Sergio
 Perez, Gerente (GAFFIN NY)
 R. Colosal, 4945, f/d form ltr by air, no time, for 2 IRCs, SS rpt (GAFFIN NY)
 R. Nac. de Colombia, 4955, date only cd + pennant in 65d air, for no rp and SPEEDX rpt
 form (WICKETT MD)
 R. Sutatenza, 5075, f/d studio folder cd in 158d for 1 IRC, SS rpt (BERGER TX)
- ECUADOR:** R. Quito, 4923, cd in 57d air for 1 IRC (TROCHIMCZYK DC)
 HCJB, 6095, 9560, 9715, 11745,
 11915, 15115, 15160, 17755, f/d
 cds, v/s Sam Rowley, Herbert P.
 Jacobson, Roger Stubbe. In 16d
 air for 3 IRCs, 82d air for 2
 IRCs, 81-140d sfc for MS and JJ
 rpt, 26-46d air for no rp.
 "Bread Dough Owl" cd (DAY CA)
 (HARDING CA)(ARNESON MO)(GION MA)
 (SOMERS CA)(ISHIZAKI JAPAN)
 (MCLEOD OR), "Inca Design" cd
 (SMITH FL)(MILLER CA), "Galapagos
 Cactus" (MAKISHIMA JAPAN), HCJB
 signboard (MILLER CA), "Wood-
 carving #3" (KELLY TN), "Ecuador-
 ian Echoes, series E" (SMITH FL)
 THOMPSON NM), "Album Series #4"
 (YAJKO PA), "Album Series #5"
 (YAJKO PA), "Phase #2, New An-
 tenna Arrays" (SMITH FL)
- GUYANA (French):** France Regions 3,
 3385, logo cd w/veri statement,
 18d air for Gilfer form and 2
 IRCs (GRIDER MD), same in 23d air
 for 3 IRCs, FF rpt (BOWEN NS)
- PERU:** R. Atlántida, 4790, ltr in
 40d air, for SS rpt, IRC (return-
 ed) & Miami Dolphin pennant, v/s
 Susy Diaz Lanatta (SMITH TN)
- VENEZUELA:** R. Universo, 4880, date/
 fqy network cd in 22d for SS rpt,
 IRC (GAFFIN NY)
 R. Yaracuy, 4940, date/fqy network
 cd in 16d air for 2 IRCs, SPEEDX
 fm (MEEHAN CT)
 Ecos del Torbes, 4980, f/d SS ltr
 + pennant, 90d air for MS, EE/SS
 rpt (BIXBY CA)
 R. Turismo, 6180, no data veri ltr,
 7 mo air, 2 IRC, SS rpt (GAFFIN NY)

Heralding Christ Jesus' Blessings

HCJB



THE WORLD RADIO MISSIONARY FELLOWSHIP, INC.
 Casilla 691 • Quito, Ecuador • South America



This colorful owl is one of many beautiful designs formed by Ecuadorian women and made from their special bread dough recipe. The bread doll industry of Ecuador is centered in the community of Calderón, a small town about ten miles from Quito.

North America

- BELIZE:** R. Belize, 3300, date/fqy map cd in 5d air for 1 IRC, v/s Mrs. J. Roberts (KELLY TN), same in 21d for 1 IRC (ROUTENBURG ONT), same in 34d for 1 IRC (GEBHARDT IA)
- CANADA:** BBC Relay, 9510, Thames cd w/xmtr site, 19d, 1 IRC (THOMPSON NM)
- CBC Northern Svc, 5960, f/d cd w/Eskimo carving of bear, 66d, no rp (MARTI CA); 9625, same in 43d sfc (GION MA); 11720, same in 43d, no rp (SOMERS CA), same in 56d, no rp (BREEDEN MS)
- CFRX Toronto, 6070, date/fqy "Carnival" cd in 25d air, 1 IRC (GEBHARDT IA)
- CKZN St. John's, 6160, f/d blue/white CBC cd in 20d sfc, no rp (MEEHAN CT)
- CKZU Vancouver, 6160, date/fqy cd w/drawing of CBC regional center, 46d sfc, no rp, power 500 watts (BIXBY CA)
- CUBA:** R. Havana, 6060, f/d white cd, yellow "target" lines, 52d air, no rp (SOMERS CA); 9525, f/d cd w/RHC on yellow background, 43d air, no rp (GEBHARDT IA); 11815, same in 70d sfc, no rp (LUNSTRUM FL)
- DOMINICAN REPUBLIC:** LV de las Fuerzas Armadas, 4825, cd and ltr (addressed w/name, street and ZIP Code only), in 16d for 1 IRC, SS rpt, v/s Fidel T. Baez Berg (also sent pennant) (JONES MS)
- R. Clarin, 4850, date only form ltr in 39d air for MS (not used) (WICKETT MD)
- R. Mil, 4930, f/d ltr in 21d air for 1 IRC, SS rpt (MAYER IL), same in 24d air for MS and SS rpt (WICKETT MD)
- GUATEMALA:** TGNA, 3300, date/fqy Quetzal cd in 22d for 2 IRCs (ARNESON MO), same in 24d air for no rp, v/s Wayne Berger (ROUTENBURG ONT), same, 10d, no rp (WORMAN WI), same in 42d air for 1 IRC (TROCHIMCZYK DC)
- LV de Nahuala, 3360, f/d plain white cd in 22d for 1 IRC, SS rpt (WICKETT MD)
- R. Chortis, 3380, ltr in 30d air for 1 IRC (TROCHIMCZYK DC)
- HAITI:** R. 4VEH, 9270, f/d stn cd in 94d sfc, no rp (HINDS TRIN); 11835, same in 74d sfc no rp (ROUTENBURG ONT), same in 43d air for 1 IRC (KELLY TN)
- HONDURAS:** HRVC, 4820, ??? in 15d air, no rp (LUNSTRUM FL)
- R. Progreso, 4920, f/d form ltr in 24d air for 2 IRCs, SS rpt (GAFFIN NY)
- MARTINIQUE:** France Region 3, 3315, beach scene cd in 2 mo for 2 IRCs (VOKES TX)
- MEXICO:** R. Mexico, 15385, f/d form ltr in SS, 176d for no rp, EE rpt (ROJEWSKI WA)
- NETHERLANDS ANTILLES:** R. Nederland, 6165, f/d EDXC cd in 14d (DAY CA), in 42d (KELLY TN), "Wereldomroep" cd in 11d (WORMAN WI), b/w optical illusion cds in 17-71d (MILLER CA), in 64d (SMITH FL), 60d (LUNSTRUM FL); 9590, f/d antenna cd in SS, no rp (SILVA CA); 9715, EDXC cd in 39d (SMITH FL)
- UNITED STATES:** KGEI, 15280, f/d green cd w/San Francisco drawings, 53d, no rp (SOMERS CA)
- UN Radio, 6055, multi-language symbol of UN cd in 30d sfc for MS (returned) (KELLY WI)
- VOA, 5955, Capitol cd in 7d sfc (THOMPSON NM)
- WINB, 11725, cd, no desc., 22d sfc, ?? rp (LUNSTRUM FL)
- WVW, 5000, f/d Arapahoe Chief cd in 43d air, no rp (HINDS TRIN)
- WVWH, no fqy, Aloha cd in 18d sfc, no rp (LUNSTRUM FL)

I said I had a comment on the NHK "Hakata Dolls" cds, so here goes (educational item of the month courtesy of NHK and Mrs. Akemi Walker):

Hakata (formerly Nanotsu) is the eastern, commercial part of Fukuoka, the ninth largest city in Japan and the political, cultural and communication center of the island of Kyushu. Hakata-ningyo, a highly artistic doll, is a specialty of the city, the industry having been handed down among craftsmen through many generations.

The dolls are ceramic, are of variable size and are for display, rather than play. This is a lucky pair because (1) the girl wears a kimono with a design of bamboo leaves and plum blossoms, (2) the boy is wearing a design of pine. The combination of bamboo leaves, plum blossoms, and pine is a symbol of good luck. The boy's hat also has a crane, which is a symbol of longevity.

Last month's sign was Tagalog (Filipino), said "Please step to the rear of the bus", and was correctly identified and translated by Juergen Trochimczyk. I'll pay up and your HAP patch should have arrived by the time this issue arrives, Juergen. Congratulations. The translation was by good friend Eufemia (Minnie) Salomon. Now all of you linguists can practice on this one:

Зайворено кедевом и празничина

I never cease to be amazed at the variety of languages that various SPEEDXers can handle--and frankly, I suspect someone will correctly identify and translate the one above. Great--but I'll catch up with you next month. I have a real choice one coming up for July, and that's all I'm going to say about it now, sort of an extra effort for the anniversary issue. Guess I should remind you once again that in the foregoing reports, the language of the report was English, unless something else was specified. So until next month, this thought:

Nothing is more often opened by mistake than the mouth.

73's, *Bill*


5/16/76



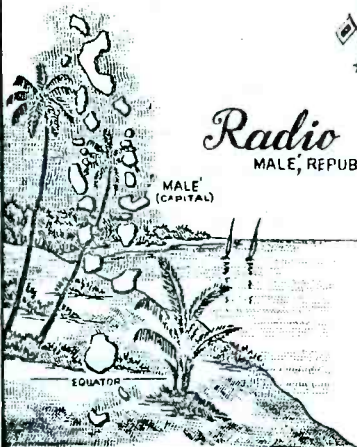
Bill

Q
S
L


QSL
CARD



Radio Maldives
MALE, REPUBLIC OF MALDIVES



Mr. Don Johnson, WDX6J
P.O. Box E, Elsinore, California
USA



KGEI San Francisco
Far East Broadcasting Co., Inc.



Thanks to:
Earl Chapman
Don Johnson
Jack Jones

S
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Palacio de Bellas Artes.
México, D. F.
The Palace of Fine Arts
Mexico, D. F.

EMISORA
NUCLEO RA


XEPH 590 KCS.	XEOY 1000 KCS.	XEBS 89.7 M.CS.
XEOI 6010 KCS.	XEOY-FM 100.9 M.CS.	
XEBS 1410 KCS.	XECO 1380 KCS.	XEUR 1530 KCS.

CONFIRMAMOS SU REPORTE DE
RECEPCION A NUESTRA ESTACION
Radio Mal via aereo
en 6010 KHz en 2:50 WETB.
DE FECHA *Julio 14 de 1974*
HORA *3:50 a 3:56 H. T. A. P.*

MUCHAS GRACIAS
RADIO *[Signature]*

TARJETA POSTAL

80 CTS
CORREO
AEREO
MEXICO



Mr. Jack R. Jones
304 Robinhood Road
Jackson, MS 39206
U. S. F.

Correo Aereo

Tips and Topics

The Feature Section of SPEEDX

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

For this June issue of SPEEDX, I am bringing you a list of DX programs heard around the shortwave dial by Joseph Smith. I hope this list will be a great help to all of you during this summer DX season.

- Australia** DXer's Calling 100% DX tips and news on up-to-date SABC; DX reports from DXer's and club magazines. Compiled by the Australian Radio DX Club.
SUN: 0240-0250 15320/17795 NA English
- Belgium** DX Corner of Belgium 100% DX tips from DXer's and club magazines; some music; no technical. Heard every fourth Saturday of the month.
SAT: 0025-0045 9730 NA English
- Bulgaria** Radio Sofia Bulgaria Calling 70% DX tips from DXer's and Bulgarian DX clubs; information about the amateur and SWL bands; technical info; Ham contests.
SAT: 0015-0025 9700 NA English
SAT: 0415-0425 9700 NA English
- Czechoslovakia** Radio Prague Monitor Club 70% technical information mostly on the amateur bands; some talks on SWL; technical information mostly on the amateur bands; some talks on SWL; technical mailbag; some music.
FRI: 0140-0150(5930/7345/9540 NA English
FRI: 0340-0350(9630/9740/11990
- Ecuador** HCJB--DX Party Line Three different shows a week. 30% DX tips and news from DXer's and club magazines; listener's letters; technical information on the Sunday program; one music number; religious talks.
TUE: 0230-0300 9560/11915 NA English
THU: 0230-0300 9560/11915 NA English
SUN: 0230-0300 9560/11915 NA English
- Finland** FINNDX 100% DX tips and news; lots of info about SWL; different talks on SABC and ID's of SABC and BCB stations; some music.
TUE: 1413-1428 15110 NA English
WED: 0313-0328 9720 NA English
- Great Britain** BBC World Radio Club 90% technical; technical mailbag; lots of talk outside the SWL bands; some contests; 05% DX tips by the BBC monitoring service; weekly propagation condition reports.
WED: 1330-1345 15070 NA English
WED: 2315-2330 5975/6055/6175/7325/9510 NA English
9580/9915/11750/11780/15260
FRI: 2100-2115 9580/11750/11780/15260 NA English
- Holland** Radio Nederland DX Juke Box DX tips from four parts of the world; club news; info on HAP; technical info; technical mailbag; four music numbers within each program.
THU: 2145-2220 9715/11730 NA English
FRI: 0215-0250 6165 NA English
FRI: 0501-0536 6165/9715 NA English
- Hungary** Calling DXer's and Radio Amateurs 98% DX tips from DXer's; some Ham news on some programs. The last five minutes of each week-day program is devoted to some DX news.

WED: 0400-0415(6000/7215/9585/9833 NA English
SAT: 0400-0415(11910/15220/17710

Israel Calling All Listener's Five minutes
of DX news about IBA and SWL; other part
is music and listener's letters.
SUN: 2015-2025 9009/9435/9815/11645 NA English
SUN: 2245-2244 9435/9815/11625/12045 NA English

Japan Tokyo Calling 20% DX tips mostly from
Japanese DX clubs; some new SABC
schedules; no technical and lots of music.
MON: 0015-0035 15270/15300 NA English
MON: 0200-0220 15195/15420/17725/17825 NA English

Netherland Antelles TWR Bonaire - DX Special 100% DX tips
from DXer's and club news; IQ quiz;
religious talks; club news; some music.
THU: 0215-0220(5990/6150/6190/9570 NA English
SAT: 0415-0428(9690/11790/11940

Romania Radio Bucharest DX Club 90% technical;
10% DX tips from Romanian DX clubs; lots
of Ham news and contests; some listener's letter.
THU: 0045-0100 11925 NA English
SAT: 1207-1222 11815 NA English

South Africa RSA - DX Corner Two different shows a
week. 80% technical; technical mailbag;
lots of talk about the SWL hobby; 20% DX tips on African SABC only; no
music.
WED: 2307-2315 5980/9585/11900 NA English
SAT: 2310-2316 5980/9585/11900 NA English

Switzerland SBC - Swiss Shortwave Merry-Go-Round
99% technical; technical mailbag; talks
outside the SWL bands; lots of Amateur news; different signals on the
SWL and Ham bands; monthly propagation condition report. Broadcast
every second and fourth week of each month.
SAT: 1320-1347 15140 NA English
SUN: 0150-0213 5965/6135/9725/11715 NA English
SUN: 0435-0457 9725/11715 NA English

Sweden Radio Sweden Calling DXer's 100% DX
tips and news from DXer's; club news;
pirate news; unidentified station news.
TUE: 1247-1258 15305 NA English
TUE: 1417-1428 15305 NA English
TUE: 2317-2328 6120/9695/11705 NA English
WED: 0047-0058 11955 NA English
WED: 0247-0258 9695/11705 NA English

Turkey Voice of Turkey DX Program 100% DX
news about the Voice of Turkey; QSL
information; program information; lots of music.
MON:
to 2215-2230 9515/11880 NA English
SAT:

USSR Radio Kiev DX Club Broadcast every
first and third Tuesday of each month
after the first Monday of the month. Some DX news and technical mailbag
on SWL DXing; mostly amateur news pertaining to the USSR; some music.
TUE: 0043-0056 7150/9600/9665/11735/11850/11960 NA English
12050/15100/15210/17720
TUE: 0318-0326 7150/7290/9610/11790/11960/12050 NA English
15210

USSR DX Program of Moscow Mostly amateur
news of USSR; 90% technical; technical
mailbag; talk on Ham contests in the USSR and the amateur world.

THU: 2315-2320(7105/7150/7250/9500/9655 NA English
FRI: 0015-0020(9685/9720/11750/12050/15100
15210/15240/17720
FRI: 0315-0320 9500/9530/9655/9660/9700/9720 NA English

This list of DX programs to North America has its times and dates in GMT and its frequencies in kHz. Transmissions, frequencies, and programs are subject to change due to weather conditions and interference. Most times are approximate--tune in early.

RADIO BELIZE

by Michael S. Hardester

For several years I had attempted, in vain, to hear Radio Belize; This was due to Radio Cultural in Guatemala, dominating the frequency of 3300 kHz. I did a routine check of the frequency one January evening and found Radio Cultural with its usual fair signal; suddenly, for no apparent reason, the signal from Radio Cultural ceased, and in its absence, I noted another station with music and occasional announcements in English. Eventually, a station identification for Radio Belize was heard. A reception report followed and in a very short time a QSL card was received, from Mrs. J. Roberts, with full data.

Only on receipt of the verification did I realize I knew virtually nothing of this station or of the country in which it was located, so a little research was done, and following is a brief history of Radio Belize, Voice of the New Central American Nation of Belize in the heart of the Caribbean Basin.

Located near the Northern tip of Central America--bordering on Mexico, and Guatemala, Belize was founded approximately 300 years ago by pirates and seafarers. Prior to them, the land was home for the highly advanced Mayan culture who enjoyed the lush beauty of this sub-tropical region.

In 1862, Belize (then known as British Honduras) was proclaimed a British colony. In 1964, self government was achieved, and in June of 1973, the name of British Honduras was changed to Belize. For nearly forty years, the people of Belize have relied on Radio Belize to keep them informed of events occurring in their country as well as the world.

Under the direction of Major Donald N.A. Fairweather, Radio Belize began transmissions in 1937--without benefit of funds, special equipment or trained personnel. The transmitter was a 200 watt telecommunications unit modified for part-time use as a broadcasting transmitter.

This service operated from 1937 through 1939, on a daily basis, on 10.6 MHz from 12:00 noon to 1:00 P.M. with programing of local, and foreign, news; weather broadcasts; and governmental announcements. There was no music broadcasted. Some changes occurred and in 1944, music on gramophone was included for the first time; the records were supplied by the local people, and with the addition of music, the transmission time was extended one-half hour. In the first phase--1937 through 1949, with a limited signal strength and few radic sets, broadcasting was meant for the people of Belize City only.

During the Colonial Era of control--1950 through 1963, the United Kingdom took over control of the medium, and with assistance from the British Broadcasting Corporation, the equipment was updated and personnel--nationals --were trained to operate the new station equipment; all of this occurred in the old studio of Radio Belize which was located, in the Paslow building, on North Front Street.

Since 1964, Radio Belize has been operated by Nationals. The studios are located on the second floor of the Albert Cattouse Building which is located on the corner of Regent and Bishop Streets. Also located in the building are the offices of Cable and Wireless, and the Belize Telecommunications Authority.

The present studio center of Radio Belize consists of twelve rooms and offices: Chief Broadcasting Officer--Mr. E.G. Waigt; Programme Organizer

--Mr. E.E. Usher; and the Radio Engineer--Mr. G. Sandiford. In addition to the offices, there are three studios, a main control room, announcer's room, news room, workshop, library--where records and tapes are kept, and a lavatory. The present staff of 49 includes 8 woman.

Radio Belize currently operates on 834, 910, 930, and 3300 kHz--all with 1000 watts, except for 834 kHz which operates with 20,000 watts. The medium-wave outlet of 834 kHz, which is commonly heard in the United States, operates from 1200-0510 GMT; the 3300 kHz shortwave outlet operates from 2300-0510 GMT. Reception reports, with return postage, are welcome at F.O. Box 89, Belize City, BELIZE.

Much of the material for this article was provided by Mrs. J. Roberts who was recently promoted to the position of Commercial Assistant. In the past, Mrs Roberts has been the primary signer of the attractive verification cards received from Radio Belize.

MY VISIT TO WWVH IN HAWAII

by Mark Bixby

During Easter vacation my family and I took a trip to Hawaii. While on the Island of Kawai we passed by WWVH on our way to the beach at Polihale and so the next day I persuaded my family to let me pay the station a visit.

The radio station WWVH is located on 30 acres of land near Kekaha at Kokole Point. When I arrived there, Chief Engineer Mr. Charles Trembath greeted me and gave me some facts about the station.

WWVH started broadcasting in November of 1948 near Kihei on the island of Maui. This building was not air conditioned, so the humid tropical air was rather hard on the equipment. In addition to this, the station was located on a low lying area of land which made it vulnerable to the ocean during bad storms. Operations were finally transferred to Kauai in July 1971. (As we drove by the old site we noticed that the antennas were still up).

The station on Kauai cost a total of 1.2 million dollars. Mr. Trembath explained to me that he gets about 100 visitors a year and about 200 reception reports per week. Mr. Trembath was very nice and gave me a personal tour of the station. First on my tour was the room where the atomic clocks are kept. There are 3 cesium atomic clocks in this room which is maintained at a constant temperature of 70 degrees F. Only one clock is "on the air" at a time and the other two are used for backup and comparison. All three clocks are intercompared with each other to keep them accurate to one millionth of a second per month. Also kept in this room is the "time code generator" which is responsible for the time and special announcements. The time announcements are kept on a magnetic drum $\frac{1}{4}$ inch thick for high precision. For special announcements there is a bank of cassettes which are programmed to play at the desired time.

WWVH has 7 transmitters which operate on 5 frequencies accurate to a few parts in one million million. The frequencies of 5, 10, 15 and 20 MHz have a power of 10 KW and have directional antenna arrays. 2.5 MHz is 5 KW and omni-directional for local coverage. The staff at WWVH consists of 2 engineers, 5 electronic technicians, a secretary and a maintenance person. The public is invited to visit WWVH during daily working hours. There telephone is 808 335-4361 and for the time signal try 808 335-4363.

SPECIAL ANNOUNCEMENT!!! Next month is SPEEDX's fifth anniversary and, of course, Uncle Sam's 200th. To mark these two very special events, this editor in conjunction with hundreds of newspapers and magazines published in the last fifty years, will bring you an extensive review of the birth and development of international broadcasting up to and until the second World War. If you want to know: Who was the first international broadcaster? Who started the power race? And why did international broadcasting start in the first place? Plus much much more! All you have to do is read Tips & Topics next month for this very special eight page feature.

This month starts the beginning of summer and the end of school for many of you. Therefore, I hope to receive many more articles. I remain,



RÁDIO NACIONAL DE BRASÍLIA

In 1974, Rádio Nacional de Brasília began broadcasting its programme on a new, 250 kw, shortwave transmitter. This move was part of a project to increase RNB's power on both short and medium waves. A 300 kw mediumwave transmitter, the largest in Brazil, was installed simultaneously.

The new shortwave transmitter was constructed by Brown, Boveri and Company of Baden, Switzerland, and it was the first of nine ordered by RNB for its International Service. These nine transmitters are all identical, having a nominal potential of 250 kw each. Each transmitter has only three water-cooled tubes (valves), the others being solid state. There are two tetrode tubes for the driver and one for the output stage. The rectifying stage is composed of six air-cooled thyrotrons. The assembly is of the container type, which means that the whole transmitter is contained in a single unit, with the exception of the rectifiers and transformers. The large area for cooling and refrigeration equipment is located on the floor above the transmitter.

The nine 250 kw shortwave transmitters will be installed at Rodeador Park, some 55 kilometres outside of Brasília, near the town of Brasília. Rodeador will also house the two 300 kw mediumwave transmitters, one of which is already functioning at the site. The total cost of these installations at Rodeador will run close to \$US 15 million.

At present, the new transmitter is being used in conjunction with a rhombic antenna especially designed for this kind of power and capable of operating on the 31, 25, and 19 metre wave lengths. However, the project calls for using a different type of antenna in the future. These will be dipolar curtains, with a gain amplifier equal to 100 times (20 dB) the nominal power of each transmitter, thus transforming the 250 kw nominal power into 25000 kw, ERP.

The system intended for Europe will be formed by three tall masts, the first and second of which will be 132 metres high, and the third 75 metres high. There will be a distance of 267 metres between the first and third antennas, which will all be linked by metallic networks.

This system is formed to give medium waves parallel to the ground on a duplicate system, which will allow both sides to operate simultaneously, if necessary. It gives an electrical range of the main lobe, capable of completely covering a target area inside the 80° angle, or about 30° and approximately 3 dB on the horizontal plane. These antennas will be beamed to Europe on the 49° azimuth, with an approximate spread of 30° to each side.

The new shortwave transmitter, like its companions, operates on 11 to 75 metres, and it can be fully utilized on the tropical wave length of 60 metres. Frequency alterations can be made in a very short time, a maximum of 2 minutes. This is accomplished by a servo action system. It can also be modulated trapezoidally, which, when transmitting voice alone allows for an even better signal-noise regulation.

Besides the International Service programme there are other National Service programmes which are commercial broadcasts. The medium wave transmissions from 0300 GMT to 0700 GMT are made by way of a 300 kw transmitter on the frequency of 980 kHz. Also, 24 hours a day a 10 kw transmitter is used on the frequency of 1210 kHz. Commercial broadcasts are also on from 0800 GMT to 0300 GMT on shortwaves, using 10 kw, on the frequencies of 15445 kHz, on the 19 metre band; 11720 kHz, on the 25 metre band; 9665 kHz, on the 31 metre band; and 6065 kHz, on the 49 metre band.

(Information supplied by Rádio Nacional de Brasília - Robert Butterfield)

JUNE CONTRIBUTORS LIST

4	ARNESON, LARRY	MD...NG-57	3	KUMMER, MARVIN	KY..D-7000Y
2	BAKER, MARK	IL..HA-129X	5	KURTZ, JOSEPH	MN...DX-160
1	BARBER, LANCE	MAN...SX-190	2	LEGGE, ROGER	VA.....51-J
2	BEAL, BART	WA...SB-313	2	JUNSTRUM, TOM	FL...DX-160
2	BEAUJOIN, BOB	CT....R-388	2	Mac IENNAN, KEN	ONT....SPR-4
1	BENJAMIN, LORENZO	CA...SX-190	2	McLEOD, JERRY	OR...HA-600
1	BERGER, JEFF	TX...DX-160	2	MAKISHIMA, JIM	JAPAN...FRG-7
1	BERNSTEIN, ROGER	GA...DX-160	1	MARTI, WALTER	CA...DX-160
2	BETHGE, JANE	MO...SW-717	1	MAYER, ALAN	IL...SPR-4
5	BIXBY, MARK	CA...HA-225	1	MEEHAN, JIM	CT...SX-190
3	BODEIJ, BOB	OR....SPR-4	4	MERCADO, MARJO	CA.....R4
1	BOWEN, PETER	N.S...EJY-750	3	MIKIEJEWSKI, STAN	MN..D-7000Y
1	BOYD, RODNEY	NMID...S-38E	3	MILLER, AL	OH..HRO-500
4	BREEDEN, BILL	MS.....R4B	4	MILLER, BILL	CA..YORK-21
2	BRICK, GEORGE	MA....NC-88	3	MILLER, CARL	WA....ROSS
3	BRIGHAM, WARNER	IL.HOMEBREW	3	NAYLOR, SPENCE	CA...HQ-180
2	BROOKS, ALAN	CT..DX-150A	3	NEBRON, LARRY	CA...SX-190
3	BROOKWELL, LARRY	CA...XCR-30	2	NUMATA, NORIYUKI	JAPAN...SSR-1
1	BRYANT, STEVE	IL...DX-160	1	OLIVER, WAYNE	NH...SX-190
1	BUTTERFIELD, BOB	MA...HQ-100	1	OLSSON, ERIC	CT....SPR-4
1	CALIRI, GREG	MA.....SW4	*1	ORIYAMA, MITUTOSI	JAPAN.....???
1	CHABAK, MIKE	CO...DX150B	*4	OWSLEY, BENTON	CA...HQ-145
1	COHEN, JON	NJ...SW-717	2	PERRY, GOI IN	QUE.GRU-2000
5	CLEVELAND, BILL	CA...SPR-4	1	PETERS, DAVID	KY....SPR-4
1	COOK, MELVIN	MN....SPR-4	3	PIMBLETT, NIGEL	ALB..DX-150A
3	CRABLE, VERA	ID....SPR-4	*3	POIARD, EUNICE	RI...HITACHI
4	CREWS, DEMPSEY	FL....SPR-4	1	RADTKE, CARL	CA...SPR-4
*2	DAVIS, ALLAN	KY..AIR-CAS	2	REDMAN, RON	IL...SSR-1
1	DAVIS, JIM	CA...R-390	*3	ROGERS, WESLEY	ONT...SX-190
1	DAY, ED	CA...SX-190	1	ROJEWSKI, DONALD	WA...DX-160
2	DEAN, DENNIS	OH....SPR-4	2	ROMANI, DAVID	MI...SPR-4
1	DENISSEN, JOOST	HOLLAN...G-1000	2	ROUTENBURG, PAUL	ONT...R-2311
3	EARHART, KEN	PA...SX-190	1	SCANNELL, MARK	MA...SB-313
4	ESTES, "SNAPPER"	MS...S-190	1	SCOTT, LLOYD	FL....R-390
6	FAMULARO, RALPH **	NJ...XCR-30	3	SILVA, CARLOS	CA...D-7000
1	FOWLER, GARY	ONT...D-7000	*1	SMITH, EUNICE	MD...DX-160
2	FRENCH, BOB	ND....S-108	5	SMITH, TOM	FL..HA-600A
1	GAFFIN, ADAM	NY.....SSR1	1	SMITH, WOODY	TN..TRANS-0
*1	GARCIA, VICENTE	UT...SW-717	1	SNYDER, DOUG	CA...SPR-4
1	GEBHARDT, JIM	IA...DX-160	5	SOMERS, JACK	CA...SPR-4
2	GELFAND, STEVE	NY..NC-183D	1	SPARKS, BILL	CA.....R4B
3	GION, JOHN	MA..DX-150A	3	STEPHENSON, NORM	CA...SPR-4
*2	GOTO, MARK	CA...DX-160	1	STRAUMANIS, ANDRIS	IL...SW-717
1	GREEN, DALE	UT...R-392	*1	STUART, ALIAN	MA..HRO-500
1	GRIDER, DON	MD....SPR-4	5	TALBOT, LARRY	WI...SB-313
4	HARDESTER, MIKE	CA...SPR-4	1	TANNENWALD, LEON	NY.NORMEAD
1	HARDING, BARRY	CA..DX-150A	5	THOMPSON, GLENN	NM..HQ-145A
2	HAUSER, GLENN	IL...HQ-160	1	TOMORI, ROBIN	HI..FR-1260
*1	HEIMS, GREG	IA...DX-160	2	TROCHIMCZYK, J.	DC...XCR-30
1	HINDS, RONALD	W.INDIES.ICF-8000	1	TRUBEE, BILL	HI...SPR-4
3	HOFFMAN, CHARLES	PA...DX-160	3	UERIINGS, JIM	WA...SX-130
*2	HYODO, NOBUYUKI	JAPAN.ICF-5800	2	VOKES, BOB	TX...XCR-30
2	ISHIZAKI, YASUO	JAPAN.ICH-5900	3	WALMAN, JIM	MN...DX-160
5	JONES, JACK	MS..DX-150A	1	WALTERS, JOHN	NJ...R-1530
2	JUNQUA, "GIB"	JAPAN....R4-C	2	WHITE, JOHN	FL...SPR-4
*3	KASDAY, MORTON	NJ....R4-C	1	WICKETT, BOB	MD...S-120
2	KAUFMAN, MALCOLM	NY....SW4A	1	WILSON, BOB	IL...XCR-30
1	KELLY, CHRIS	WI...GR-54	2	WOLTMAN, FRANK	WI...DX-160
4	KELLY, BOB & RITA	TN..GRF-230	*4	WORKMAN, JEFF	WI...DX-160
1	KIYOMIYA, TAKAHARU	JAPAN...SPR-4	5	YAJKO, BOB	PA...SPR-4
1	KLONTZ, WINSTON	CA...SPR-4	6	YOUNG, JIM	CA..HQ-180A
*1	KOBAYASNI, MASASHI	JAPAN...FR-101	3	ZIEMER, BOB	WI...SPR-4
1	KOIZUMI, HIROKAZU	JAPAN..9R5-9DS			

* First time reporters. A hearty welcome to 14 of them, where are the rest of our newer members. A big thank you to 125 reporters. ** An extra credit to Ralph for a logging missed last month. This page is important to our Membership Chairman, who keeps an accurate record for Full Membership. More space is then given to the logging editors, and names are not duplicated. 51

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