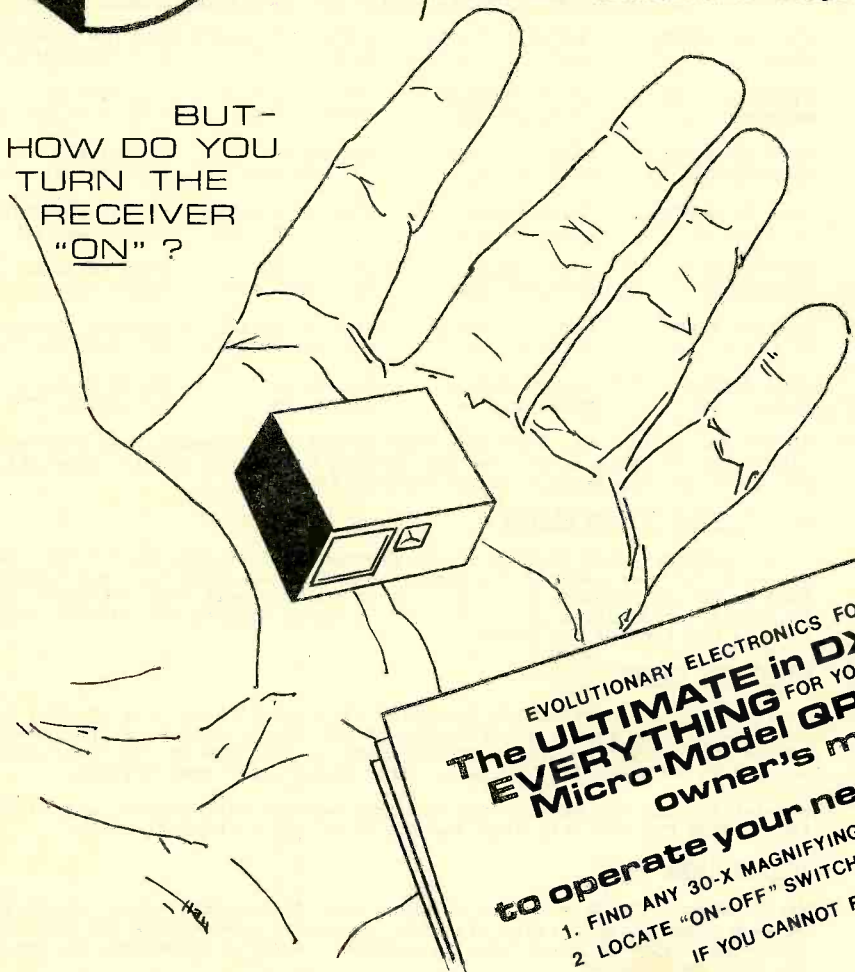


SPEED X

*the dx radio magazine
for active shortwave listeners*

BUT-
HOW DO YOU
TURN THE
RECEIVER
"ON" ?



EVOLUTIONARY ELECTRONICS FOR
The ULTIMATE in DX
EVERYTHING FOR YOU
Micro-Model GR
owner's manual

to operate your new

1. FIND ANY 30-X MAGNIFYING
 2. LOCATE "ON-OFF" SWITCH
- IF YOU CANNOT FIND

June 1980

vol. x no. vi



KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

NO PHONE CALLS PLEASE---DUE TO A THROAT OPERATION, I AM UNABLE TO TALK.

CONGRATULATIONS TO 6 NEW FULL MEMBERS

CHARLES DAVIS DEMOREST, GA	GERALD McGREW MADRID, SPAIN	STUART P. HALL MONTECITO, CA	MICHAEL OEXNER BERGZABERN, GERMANY
ED SERSHON ANTIOCH, IL	LARRY COHEN WYOMISSING HILLS, PA		

Certificates of Full Membership and a copy of the SPEEDX constitution were mailed to each of the above in May 1980.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

TOMOAKI HIRATA JAPAN	ADRIAN VOORHEES SANTA MONICA, CA	KLAUS STENDEBACH HANNIBAL, MO	TED VAN BEURDEN MCLELLAN AFB, CA
JERRY GRIFFIN MATTHEWS, NC	GEORGE RANDLE DAVIDSON, NC	BILL BRODERICK AMHERST, MA	REX WHETZEL WOLCOTTVILLE, IN
GREG SHEPHERD BLOMINGTON, IL	FRANCIS FAHEY SEAFORD, DE	ROY SEERY LOS ANGELES, CA	TIM HALL BONITA, CA
BILL NEIHOUSE HOUSTON, TX	TERRY LINDLEY BIRMINGHAM, AL	WHEELER CONOVER MANCHESTER, KY	BRYANT FARNSWORTH TALLMADGE, OH
MICK KOELBLE CANTON, OH	JOE REEVES ONTARIO, CANADA	DON GRIDER HONOLULU, HI	JOHN CARANNA STANLEYTOWN, VA
CHARLES PIRES EL CAJON, CA	DENNIS JARRETT WESTPORT, CT	PAUL VOORHEES LOS ANGELES, CA	TIMOTHY TILLSON FT. COLLINS, CO
JOHN CREAMER DENVER, CO	CLAUDE AUCOIN METAIRIE, LA	RON SMITH TYLER, TX	KEITH MAKAY LJVERMORE, CA

Thanks for joining us, I am sure that SPEEDX will enhance your shortwave listening and DXing habits. We are looking forward to hearing from all of you often by your support of the various sections.

CENTRAL DISTRIBUTION EDITOR

Peggy Thompson, 2706 Alabama St. La Crescenta, CA 91214, is our CDE. You can send all your loggings to Peggy, she will sort them out, and forward them on to the respective editors. We do however call your attention to the fact that her deadline is the 7th of the month whereas the editors deadline is the 12th of the month.

EDITORSHIP CHANGE

Beginning immediately, Ralph Famularo, 682 North 5th St. Apt #2, San Jose, Calif. will take over the editorship of the Europe column. Ralph formerly edited the African column, therefore many of you know of his capabilities as an editor. We welcome Ralph back, after about a two year absence.

We wish to thank Tim McCurdy for his long service with SPEEDX, and to also thank Cindy for the help that she has given Tim in recent months.

TAPE EXCHANGE

Mark Gleeson, 156 Stymie Ave. Clubview West 0140, South Africa, would like to swap tapes of U.S. radio stations, eg music, commentaries and news in exchange for tapes of South African stations. Mark is interested in the Top 40, ID's and jingles.

MISSING COLUMNS SPEEDX deeply regrets another month without the Utility Column. Ken experienced a fire in his apartment and is still in the process of resettling. Ken promises a column next month so please send material to his new address at right. Thanks (jrt).

KEN COMPTON
50 Brock Street
Brighton, MA 02135

USAF STARTS RADAR ON SWBC BANDS

By Glenn Hauser

The April 1980 issue of QST carries an article, "Over-the-Horizon or Ionospheric Radar" on pages 39-43 which is must reading for shortwave listeners. It details the operating characteristics and philosophy behind the U.S. Air Force OTHR system now being tested from Maine and due to be expanded to include a West-Coast site. The system is obviously of great defensive and meteorological importance, and it appears that the U.S. system, in contrast to the Soviet 'Woodpecker', will be operated in such a way that it may cause less disruption on the shortwave bands, except that the transmitter sites will be closed to North American listeners.

The author, O. G. Villard, Jr (W6QYT), attempts to persuade his amateur radio readers that the new U.S. Air Force radar will follow a 'good neighbor' policy, since its operation is to be restricted to certain bands in the 6-22 MHz range. The bands excluded from OTH signals (except for some anticipated slight overlaps from center frequencies outside these bands) are: all ham, maritime, aeronautical and standard frequency bands.

What does that leave? You guessed it! Fixed, and BROADCASTING, on a 'non-interference basis'. Oh, that makes it OK, you say? Guess again. Two-way users of HF spectrum have great advantages over one-way users (us) in this situation. Two way users are better organized, have such powerful lobbies as ARRL, and capable of changing frequencies on short notice if necessary to avoid interference. We have to take whatever crap is shoved at us.

Can you imagine the USAF daring to start up a radar system which would systematically interfere with the AM, FM and TV bands used for domestic broadcasting? Hardly. But they think they can get away with it on the SWBC bands because 'who listens to shortwave?'.

It is impossible to operate at all on the SWBC bands without causing interference to some (wouldbe) listener. At some hour of the day or night there is always someone (a good many someones) trying to monitor a particular signal somewhere on all the bands on question. These are often weak signals which of course are much more likely to be ruined by OTHR. So the 'DXer' has even more to lose than the 'SWL' (DXers, that is, who are willing to venture above 6 MHz!)

Yet it is quite possible that the USAF could test and/or operate OTHR within our broadcasting bands and receive hardly any complaints because listeners would not be able to recognize what it is and where it is coming from (the USSR has gotten all the blame in the past and that will carry over). And if they did, they would not know where to complain.

The complaining should be done now! At their gall in choosing to operate on the SWBC bands. Surely, the still-larger expanses of the fixed service bands should be sufficient and allow enough flexibility for the OTHR system to operate effectively.

The QST article says, "The Air Force has made the necessary arrangements to have reports of actual interference by the OTHR handled promptly and expeditiously. A special board of QRM experts has been set up as overall interference coordinator for the Continental US OTHR. This board will appreciate your report and will do everything possible to assist you. Its address is: OTH Radar Office, U.S. Air Force Electronic Systems Division, Code OCUE, Hanscom AFB, MA 01731."

The USAF system is called 'OTHB', the B standing for backscatter. How do you tell it apart from the Soviet one? Read the article for full explanation, but basically the American radar signals sound on an AM receiver like power-line hum, at any one of several modulation frequencies from 20 to 60 Hz. This is quite distinct from the 10-per-second millisecond-length pulses from the USSR.

I suggest you write to the address above, with a copy to your congressman and senators, urging that the USAF be absolutely prohibited from using OTHB radar within the ISWBC bands, and be sure to state your specific reasons for objecting. And, of course, every instance of actually observed interference of this type within the ISWBC bands should be reported as an interference complaint. Send copies to the FCC too! Let the authorities know that we care enough to protect our SWBC bands.

The article on the previous page "Radar on SW Bands" was submitted by Glenn Hauser, Editor and Publisher of Review of International Broadcasting, University Radio WUOT, Knoxville, TN 37916. A SASE to Glenn will bring you further information on RIB re yearly costs and sample copy cost.

HAF NEWSLETTER

Volume one, Number one of the Newsletter has been published by Jeff White, 409 Laconia Lane, Schaumburg, IL 60193. A SASE to Jeff will bring you a sample copy of the Newsletter that is devoted to the Handicapped Aid program in the U.S.A. and Canada.

PUBLICATIONS

The Shortwave Radio Propagation Handbook by George Jacobs and Theodore J. Cohen is available for \$7.50 in the U.S.A. and \$8.50 in Canada. Send your order to George Jacobs, 11307 Clara St. Silver Springs, MD 20902. Tell Geo. that SPEEDX sent you and he will autograph a copy for you.

USSR High Frequency Broadcast Newsletter can be obtained from Roger Legge, Box 232, McLean, VA 22101 for \$3 for 10 issues. The Newsletter is a must for USSR frequency buffs, includes up-to-date frequencies and times and changes in QSL sites, and more. Roger is also publishing an English Broadcast schedule of stations around the world.

UTAH DX ASSOCIATION

UDXA is looking for new members, it is to be an organization to coordinate Get-Togethers, DXpedititions for all radio modes. There will be no regular dues for a periodic bulletin. Send a SASE for further information to UDAX, c/o Bill Harms, University Station, P.O. Box 7428, Provo, Utah 84602.

DX-GET-TOGETHERS

SPEEDX encourages DX-Get-Togethers and DXpedititions, if you are interested in arranging these "Fun-Feast" in your area, let us know, we will be glad to publicize them for you. Please keep in mind that you should advise us at least a month in advance of the meeting. Deadlines are the 12th of the month. Plan a Get-Together this summer.

A last minute reminder that the ANARC convention will be held on July 18-20 at the University of California Campus in Irvine, CA. Contact Stu McKenzie, 16182 Ballad Lane, Huntington Beach, CA 92649 for particulars.

COVER DESIGN

This month we have a new cover design contributor to SPEEDX. He is Stu Hall of Montecito, CA. Stu is a commercial artist and has sent in many good designs. You will definitely be seeing more of him in the future.

CONTRIBUTORS PAGE Vera Crable has been "ashed in" in Idaho. Therefore there will be no contributors page this month. Tallies will be updated next month. Sorry about that...blame the volcano! (jrt)

ITEMS FOR SALE/TRADE/WANTED

PREPARED BY OLIVER ELLSWORTH

WANTED: TA-4 Transceiver for Drake SPR-4. Joe Jacobson, 118 E. 2nd St, Longport, IL 60441. (815)838-6486 after 2300 GMT.

FOR SALE: Panasonic RF-2800 \$85. MFJ 900 Antenna tuner \$10. Sony portable cassette (built in mike) \$18. Bird Ham-Mate Wattmeter (0-200,0-2000 watts \$20. All in good condition. Carl Durnavich, 427 Calumet Blvd, Harvey IL.

FOR SALE: FRG-7 Gilfer modified 4 KHz filter, selectable AGC-\$300. Gar-7 didital readout \$120. Both for \$410 ppd. Clif Brown, 2000 Fargo, Chicago, IL. (312)274-0188, 1600-2000 GMT. No collect calls.

FOR SALE: Panasonic RF-2600 portable SW receiver, \$155 ppd, exc cond. only 4 months old. David A. Rains, 935 N. 19th St. Apt 21, Colorado Springs, CO 80904. (303)635-2694 0200-0530 GMT Tues-Sat. All day Sun-Mon. No collects.

FOR SALE: DX-300 used less than 10 hours, \$300; Panasonic RF-2200, 3 months old, used less than 8 hours w/antenna coupler \$130. James D. Allen, P.O. Box 51, Glennallen, Alaska 99588. (907)822-3001. No collect calls.

FOR SALE: Drake-1 w/owners manual, exc cond, \$250 ppd. Hank Lentz, 26 Pheasant Run Drive, Export, PA 15632. (412)327-8392 after 1900 GMT. No collect.

FOR SALE: Drake SPR-4 w/23 crystals, noise blanker, internal calibrator. Exc cond. \$425. Steve Handler, 445 Sheridan Rd, Highwood, IL 60040.

PROGRAM

JUNE 1980

WOODY SEYMOUR, JR.
P. O. BOX 848
SANFORD, NC 27330

PANORAMA

AUSTRALIA...Radio Australia has English news every hour on the hour. Monday through Friday, you can hear the following team of announcers presenting music and features around the clock: 1900-2400 GMT, Rick Dowling; 0000-0500 GMT, Nola Day; 0500-0900 GMT, Rob Hoskin; 0900-1100 GMT, COUNTDOWN with Jill Williams; 1100-1500 GMT, Barry Seeber; 1500-1900 GMT, NEWS, PUBLIC AFFAIRS, MUSIC. THE WEEKEND features news on the hour, bright music and feature programs from 2040 GMT Friday to 2000 GMT Sunday. Some of the feature programs include: PROFILE (Australians speak about their lives and their work), Friday 2340, Saturday 0540, 1140, 1740 GMT; JAZZ AUSTRALIA with Ralphe Rickman can be heard Saturday 0030, 0630, 1830 GMT; AUSTRALIAN INVENTOR with Keith Smith Saturday @ 1240, 2140, Sunday @ 0340, 1540 GMT; MAILBAG with the popular Keith Glover can be heard Saturday @ 1940, Sunday @ 0140, 0737, 1240 GMT; REPORT FROM ASIA is scheduled Saturday @ 1612, 2110, Sunday @ 0312, 0810, 1212 GMT. (Direct) 

CANADA...Radio Canada International's DX DIGEST is heard in its entirety in the 0000 GMT and 0400 GMT transmissions to North America on Sunday nights local time (Monday GMT). MAILBAG can be heard on the 0100, 0200 and 0300 GMT broadcasts the same night. (Direct).....The AS IT HAPPENS SUMMER THEATER should be reappearing this month. The best in "old-time radio" has been featured during the last half-hour of the CBC's AS IT HAPPENS for the past few summers. A listing of shows featured each evening (Monday-Friday) will be included in next month's column. Try 2230 GMT on 15325 and 17875 kHz or 2330 GMT on 5960 and 9755 kHz for these outstanding programs. (Woody Seymour, Jr., NC)

CUBA...Radio Havana has some entertaining musical programs during their Spanish transmissions. FORMALMENTE INFORMAL can be heard daily @ 1430, 2330 and 0430 GMT; CANCIONERO LATINOAMERICANO is featured daily @ 1645 and on Tue-Sun @ 0145 GMT; LA CANCION has a varied schedule--Wed & Fri 1230 & 2245, Mon @ 1703 & 2243, Tue/Thu/Sat @ 1230, Sun @ 1230 & 1703 GMT; CUBA CAMPESINA can be heard Tue/Thu/Sat @ 1415 & 2245, Wed/Fri/Sun @ 0345, Sun 1245 & 2245, Mon @ 0345 GMT; MELODIAS DE LA AMERICA NUESTRA is scheduled Tue-Sat @ 1533 & 1933 GMT; PENTAGRAMA is heard at the following times: Mon 1545, 1745 & 2215, Tue 0215, Tue-Sat 1330 & 2215, Wed-Sun 0215, Sun 1730, Mon 0215 GMT; NUESTROS ARTISTAS can be heard Mon/Wed/Fri 1615 & 1915, Tue/Thu/Sat 0345, 1615 & 1915 GMT; 1-2-3 MUSICAL is scheduled Mon 1415 & 1945, Wed/Fri 1415 & 2035, Tue/Thu/Sat 2035, Wed/Fri/Sun 0245, Sun 1618 GMT; Finally, DANZONES Sun @ 1743, 2025 and 2313 GMT. (RHC, via Charles George, TX)

GUAM...(Gary Whitmore via Mac Leonhardt, IN, NASWA in Review of International Broadcasting #40, June 1980): "A new DX program! That's right, KTWR will begin producing DX LISTENER'S LOG, in English, in early June. This is the first DX program to be aired over KTWR, so we are excited about it, as we are sure many DXers will be. Exact dates, days and times of airing will be announced soon. DXLL will be packed with information for DXers--interval signals, technical information, propagation, DX tips, etc. A program no DXer would want to miss..."

ISRAEL...The new IBA English schedule shows only a couple of changes from the lists featured in last month's column. IN THE HEART OF THE SEAS is a new program which can be heard Wednesdays during the 2000 and 2230 GMT broadcasts only. ISRAEL POP SOUND is a weekly feature in the Saturday schedule (Sunday GMT) at 0100 and 0200 GMT. TIME OUT AND GOODLY HERITAGE alternate during the same transmission after the pop music program concludes. (Larry Magne, PA)

HAVE A FAVORITE PROGRAM? PROGRAM PANORAMA WOULD LIKE TO HEAR WHAT IT IS!

KENYA...(Andrea Sella, Kenya in Sweden Calling DXers for April 8, 1980): "Until about four weeks ago, the General Service of the Voice of Kenya tended to play mostly disco music, Abba and Country and Western. Only rarely did they play African music, which was left to the National and Vernacular Services. Then suddenly came an order from the Ministry of Information that they should play more local music--three times as much local music as western music. The directive caused a storm of protest. VOK and the newspapers were inundated with letters, of which only 20% were in favour of the change. So the VOK went back to the old system. Why the VOK is unable to have more balanced musical content, I don't know."

KUWAIT...(Bill Flynn, CA): "Radio Kuwait provides some very interesting programming, and while the high frequencies are good, is audible on 21545 kHz with English. At 0530 GMT check their news--factual and well-organized with emphasis on the Middle East. At approximately 0540, there is a weather report and forecast. They really go into it! Temperatures, precipitation, humidity, cloud cover, wind speeds, etc. But more so, they give weather reports for major cities of Europe and Asia. Not many stations do this! At 0545, I heard an ongoing series, ISLAM AND THE CHILD. This program was entitled "The Child Goes of School." It was an indepth study of what their schools attempt to impart in training...not a mass of facts, but the process of organizing the mind to be able to find facts and discover things for one's self. Interesting and well-prepared." (Bill Flynn was a "Founding Father" of SPEEDX and the club's first QSL column editor--WS)

NEW ZEALAND...Radio New Zealand started a new program directed to the USA in May. NEW ZEALAND CALLING was first broadcast on Monday, May 5 at 0530 GMT. Hosted by Tony King, it features listeners' letters, a DX report from Arthur Cushen and information on New Zealand of interest to overseas listeners. It will be heard every other Monday at 0530 GMT on 15345 and 17860 kHz, repeated at 0845 GMT on 11945 kHz. (Direct)

NORWAY...(Glenn Hauser in RIB #40): "Radio Norway's beautiful full-color program folder has arrived, but as to be expected is mostly in Norwegian, and for the Sunday NORWAY THIS WEEK programs, we are given only these vague hints about some of the topics to be dealt with thru August: Norway's defence problems; Norwegian folklore; Norway's foreign service(i.e. diplomacy); and POP INN record show returns." (Check the Station Skeds column for Radio Norway's times and frequencies--WS)

PHILIPPINES...Continuing from the April Program Panorama, here's the FEBC schedule from 1400 GMT daily on 15440 kHz: Mon-Fri HAVEN OF REST Sat VICTOR GLENN Sun WINGS OF HEALING; 1430 Daily NEWS; 1440 Mon-Sat GUIDELINES Sun LET'S FIND OUT; 1445 Mon LET'S SPEAK ENGLISH Tue THE HOBBY OF KINGS Wed BIBLE ADVENTURES Thu SHORTWAVE MAILBAG Fri OPERATION FRIENDSHIP Sat NATURE TRAIL Sun GOD'S NEWS BEHIND THE NEWS; 1500 Mon-Fri THE BIBLE AND YOU Sat BIBLE SCHOOL OF THE AIR Sun REVIVALTIME; 1530 Mon NEW LIFE BROADCAST Tue MAN WITH THE MUSIC Wed SOMETHING GOOD Thu MAN WITH THE MUSIC Fri PEACE IN THE VALLEY Sat HOUR OF FREEDOM Sun CHRISTIAN BROTHERHOOD HOUR; 1600 GMT Close Down. (Ted Ossege, OH) **TRT**

PUBLICATIONS...Review of International Broadcasting is a 40-page monthly magazine edited and published by Glenn Hauser. If you listen to short-wave programs, you'll enjoy RIB. A sample copy is \$1 US in NAM; 7 IRCs elsewhere for airmail delivery. Write to Glenn at University Radio WUOT, Knoxville, TN 37916.....Voices is a new publication from Europe recently begun. Former Radio Finland announcer Patrick Humphreys of the magazine invites SWLers to write for a free sample copy to: Voices, Box 226, Helsinki 17, Finland. Request your sample by the end of June.

TURKEY...The Voice of Turkey in English at 2200 GMT(probably 1200, 1330 and 2030 GMT transmissions also): Mon-Sat NEWS & PRESS REVIEW, then Mon TURKISH MYTHS, MUSICAL STARS; Tue DX CORNER, WELCOME TO ANATOLIA, TURKISH MUSIC; Wed LETTERBOX, OLDIES BUT GOODIES; Thu DX CORNER, POP 80; Fri LAST WEEK IN ANKARA, SPOT MUSIC; Sat DX(repeat), SAT. NITE SPECIAL; Sun NEWS, WEEK IN REVIEW, SPOTLITE ON TURKEY, STROLLING THRU ANATOLIA. (Glenn Hauser in RIB #39).....Didn't have room for BEC or USSR info--those will have to wait until July. Good listening! Woody 5/18/80



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

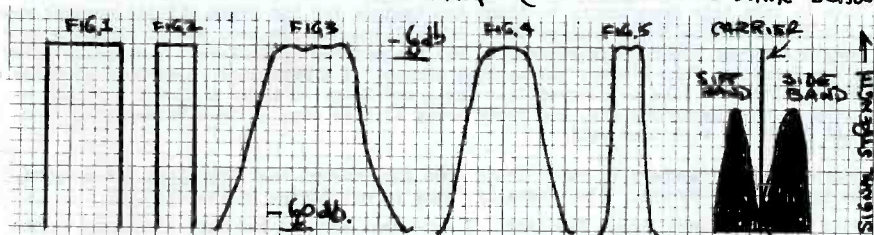
Send Technical Questions & Technical Material To:

E. V. "SANDY" BLAIZE
417 RIDGEWOOD DRIVE
METAIRIE LA 70001

RECEIVER SELECTIVITY: What is it? What produces it? Why is it an advantage? Simply stated, receiver selectivity is its ability to amplify a desired station, and reject adjacent ones that we don't want to hear. It is "produced" by passing the signal thru a filter or tuned circuits. This operation is generally done in the Intermediate Frequency Amplifier chain ("I.F. Strip") of the receiver. (Here we assume we are dealing with a "superhet" receiver!) Advantages are being able to hear the desired station with no interference from other broadcasters. (The IDEAL CASE!! Very hard to achieve!)

HOW MUCH selectivity is best? There is such thing as having TOO NARROW a band-pass or selectivity "window". One optimum for CW Morse use, might be totally unusable on SSB or AM telephony. The optimum for SSB is usually to narrow or too sharp for AM broadcasts. One must understand a little about the nature of the "AM" signal, before randomly selecting a filter for his receiver that he desires to modify. The AM signal is between 6 to 10 khz. in width, depending on program content and the way it is "processed" by the broadcaster. With this in mind, if we choose say, a 2.5 khz. filter, (fig. 5) you will notice its "window" is only 2.5 khz. wide at the "-6 db. point" and 4 khz. wide at the 60 db point. If we tune to the center of a broadcaster while using this filter, the recovered audio will sound "bassy" or low pitched, as we are obviously cutting off some of the "sidebands" which convey the information we desire. BUT, if we tune to one side or the other, thereby rejecting one sideband or the other (both contain duplicate information), we are able to dodge or eliminate a strong adjacent interfering station. This is why the current trend to use filters normally assigned to SSB for AM broadcasts. Some fidelity is lost, of course, which is the price we must pay for narrower filters. During times of light QRM, we can use the filter curves as in figs. 3 and 4, with usually considerable improvement in fidelity. The "ideal" curves of 1 and 2 are most closely approached by the Collins mechanical filter. Therefore, we may expect the performance of a 6 khz. Collins filter to closely "equal" the overall performance of a 3 to 4 khz. "ceramic" filter. Shape of the curve being a factor here.

Many other schemes are used to "improve" selectivity. Audio filtering is sometimes used in conjunction with other I.F. filters, or alone to "enhance" apparant selectivity. If we process the audio by cutting off the "high" frequencies sharply, it "fools" the ear into thinking that we have sharpened our selectivity "window", whilst we have really not. This technique IS sometimes very effective when used with a decent filter, but is NO SUBSTITUTE for a better I.F. filter. The audio "processor" may be an adjustable one or fixed one. In the form of the DATONG filter, it may be an automatic one. Audio filters are very useful when DXing "CW" or morse code transmissions, and have been used by amateurs and other CW operators for years for this purpose. **HORIZONTAL ORDINATE = FREQ. (ALL DRAWINGS TO SAME SCALE)**



Hope this is clear!
See you all next month. Good listening and good DXing.

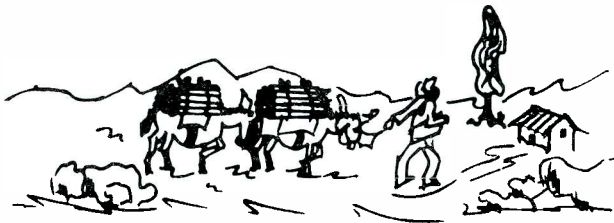
Sandy

SWBC DX - Western Hemisphere

◁ EDITOR ▷

CHRIS HANSEN

2825 WEBB AVENUE
 APARTMENT 5-F
 BRONX NY 10468
 DEADLINE: 12th
 Times & Dates: GMT
 Frequencies: kHz



JUNIO, MIL NOVECIENTOS OCHENTA

I've some words to say before the lesson this month. First, a logging of R. Globo, Brazil reported last month on 4805 was in error. It should have been 11805. I believe that this error was due to my misreading of an 11 as a 4. This brings up a point -- please be as legible as possible in your handwritten loggings -- especially in the matter of numbers. I am lucky that this is the first error of this sort to actually get into the column -- I normally edit out loggings which are illegible or incomplete. The reporter and myself apologize to the membership for the misunderstanding. Secondly, a footnote to last month's Spanish lesson -- a picture was printed in the Times of two Cuban refugees in Florida beginning to learn English. Can you guess which dictionary they were consulting? If you guessed the U. of Chicago dictionary to which I referred last month, you got it in one.

IT'S IMPERATIVE

I can remember once being asked to parse a sentence by Miss Walsh, my 7th grade English teacher. The sentence included an imperative verb, and I could not for the life of me figure out what the subject was. I watched in abject terror as the goody-goody of the class slyly raised her hand and loftily informed us that the subject was "you understood." I have always believed that this girl would come to a sad end.

In SS, there are two distinct forms for the imperative, depending on the "understood" subject and whether the command is positive (Take!) or negative (Don't take!). A command is usually preceded by ; (principio de exclamacion) and followed by ! (fin de exclamacion). The table below is a summary of the forms:

	Understood subject			
	TU	VOSOTROS	USTED	USTEDES
I Conjugation positive...	habla	hablad	hable	hablen
II&III Conj. positive....	vende	vended	vende	vendan
I Conj. negative.....	no hables	no habléis	no hable	no hablen
II&III Conj. negative....	no vendas	no vendáis	no venda	no vendan

The commands under "usted" and "ustedes" are 'false' commands; i.e., they are not descended from the Latin/Romance imperative, they are borrowed from the subjunctive mood and are more accurately termed "polite requests." Hable! might be translated (Would Your Honor please speak?). It is used, however, exactly as the other imperatives are. These imperatives, the "true" commands, are used when the understood subject is "tú" or "vosotros." They are descendants of the Latin commands (fabular: fabula, fabulate (habla, hablad)). There are a few irregular imperatives, but not many. You will hear them in SS dialogue, especially in "novelas." Next month: The Future Tense: Shall we Tense?

I'd like to take this opportunity to thank Kap Kapinos for his grand shindig several weeks ago, which drew fellow SPEEDX Editor Chris Lobdell and his fiancee, Nancy, SPEEDX Editor Ken Compton, former SPEEDX Editor/Director Bob Butterfield, SPEEDXers Bob Wirrell, Jerry Berg, Tom Farmerie, John Fisher, and several others. I always look forward to meetings of this sort. I'd also like to congratulate Chris and Nancy on their imminent nuptials -- June 28th is the auspicious day, and yours truly is best man. A true DX wedding. I'm sure all SPEEDXers wish them well.

I understand from somewhere (I can't track down the source) that Greenland has dropped all SW freqs. save 3999 kHz. (Incidentally, this is not listed in the WRTH.)

Peruvian elections were today, May 18th. I hope that some of you were listening to the results. And now, remembering that all times and dates are GMT, all frequencies are kilo-Hertz, and that a logging with no language designated was heard in SS, I present...

SOUTH AMERICA

ARGENTINA

- 5830 0115 R. Rividavia, Soccer/futbol match; ID @Q120 during break-away. (222; 2/26. Hall, CA)(0153; 333; 4/17. Moman, AB)
 11775 0809 R. El Mundo, OM TCs, IDs, instrumentals (444; 4/24. T. Hall, CA) (We now have TWO Californian Halls, Tim Hall and Stuart Hall. Tim has chosen to be known as "T. Hall, CA" in order to keep acknowledgement of loggings straight. ch)

BOLIVIA

- also see p. 5 of W/H
 4696 0224 R. Riberalta, LAm mx, f/o @Q258 (222; 5/4. Cohen, PA) (CA)
 6005 0056 R. Progreso, OM, "Atención Bolivia," class. mx between pxx; (232; 4/16. Hall, CA)
 6035 0025 R. Panamericana, OM cnt, fanfares/IDs, pop LAm mx, cnt. on socio-economic development in rural areas; (343; 4/13. Hall, CA)(0135; 222; 4/24. Moman, AB)
 6135 0740 R. Santa Cruz, weird local mx -- lots of brass. ID: Santa Cruz Bolivia; f/o @0750 (333; 4/20. Witte, CA)(Must have been on quite late -- usual s/off is about 2200+, although hrd. once past 0720 by Tony Jones in Paraguay according to a rpt. in a 1979 FRENCH LN, edited by gh. ch)

BRAZIL

- 4755 0405 R. dif. do Maranhão, PP, pop mx, what are the lyrics of the jingles? (332; 4/23. Hall, CA)
 4765 0135 R. Espirito Santo, PP, mx, ads, many IDs @0200 (333; 4/14. Witte, CA)
 4765 0410 R. Nac. de Cruzeiro do Sul, PP, EZL mx w/ a few NAM. songs in EE thrown in; armts & IDs by OM on 1/4 hr. or so (343; 4/21. Hall, CA)
 4785 0345 R. Ribamar, PP, pop/trad. SAm mx, IDs (343; 5/3. Hall, CA)
 4835 0234 R. Nac. de Boa Vista, PP, OM/YL ancrs; ads, ID (333; 4/19. Yajko, PA)
 4895 0805 R. Cultura de Bahia, PP, OM IDs, armts, ads, mx; is the sig. behind this @ 0835 perhaps R. Baré? (I don't know -- I'm in the arms of Morpheus at 0835. ch) (343; 4/18. Hall, CA)
 4985 0450 R. Brasil Central, PP, LAm mx, ID @0502 (433; 4/19. Cohen, PA)(0605; 453; 4/19. Tripathi, CA)(2313; 333; 4/13. Yajko, PA)(0200; 444; 4/22. Thompson, NM)
 5045 0130 R. Cultura do Pará, PP, tuned in just in time for nice clear ID (453; 4/14; Moore, PA)
 5055 2306 R. Maua, PP, ads, tlk, vocals (333; 4/13. Yajko, PA)
 5965 0100 R. Guaiba, PP, soccer match w/ OM sxcaster (333; 4/25. Hall, CA)(2330; 434; 4/13. Yajko, PA) Hall, CA)
 6000 0115 R. Inconfidência, PP, plenty of IDs, ads, jingles; OM armts; (454; 4/10. /
 6035 2323 R. Globo, PP, several IDs, armts; soccer highlights (343; 4/13. Yajko, PA)
 6135 2338 R. Gaucho, PP, soccer cnt mixing w/ UNID; (323; 4/13. Yajko, PA)
 6185 0410 R. Bandeirantes, PP, beautiful Brazilian mx px. IDs (544; 4/26. Witte, CA)
 11765 2056 R. Tupi, PP, very fast-talking ancr; under FF station (222; 4/27. Cereghin, MD)
 11780 2055 R. Nacional de Brasília, PP, futbol, overpowered by the superpowers (322; 4/27. Levin, NJ)(0132; 433; 4/27. Cohen, PA)(2216; 433; 4/13. Yajko, PA)
 11805 2150 R. Globo, PP, very fast-talking OM, ads (232; 4/4. Calver, UK)
 15290 0325 R. brás; EE, mx of Brazil, nx, QRN (535; 4/14. Miller, CA)(0321; 322; 4/7. Farmer, TN)(0326; 555; 4/17. Wentzell, MN)(0302; 545; 4/8. Godfrey, ON)(Radio brás hrd on 0300 program ancing that since 4/21 they had been experimenting with additional xmsn @0200; ditto for Europe @1900 and 2000 (presumably on 15125 then).
 85 Helps keep their xmsn from being too late in EDT zone, but just as jammed at 0200 as at 0300. And for J80, R. Sweden also scheduled to be on 15290 to NAM at this hr! What a lack of coordination! (Hauser, TN)
 15445 Q055 Radio Nacional de Brasília, PP, nx by OM, very clear (455; 5/7. T. Hall, CA)

CHILE

- Also see p. 5 of W/H
 6190 0119 R. Nacional, GMT -5 TCs, ads for watches, appliances; Karen Carpenter mx and other songs; mentioned of Santiago and Chile; two IDs @0159.30 (344; 4/30. T. Hall, CA)
 11890 0205 LVCH, EE/SS, mx (EE song, good YL singer) OM ancr in SS, ID, getting clobbered @0235 (533; 5/5. Forbes, TX)

COLOMBIA

- Also see p. 5 of W/H
 4775 0205 Emisora Kennedy; nx w/ OM ancr; political cnt by OM re Bolivia, several ments of Colombia & Bogota; sophisticated format (443; 4/25. Hall, CA)
 4814.7 0405 R. Guatapurí, mx; variable modulation and slightly below 4815 although at one time listed as 4818. (353; 4/19. Earhart, PA)(0400; pop & LAm mx, 343; 4/26. Hall, CA) (0446; ad for race; 232; 4/29. T. Hall, CA)
 4845 0140 R. Bucaramanga, NAM rock mx, ID, LAm mx (333; 4/12. Cohen, PA)
 4875 0400 LV del Norte, pop/EZL mx, OM ancr; 0456* w/ NA; (434; 4/30. Hall, CA) (0418; 433; 4/30. T. Hall, CA)
 4885 0620 Ondas del Meta, caught last mx; OM armts/IDs, NA, 0625* (333; 4/20. Hall, CA) (0432; many IDs; 333; 5/4. Cohen, PA)
 4945 0520 R. Colosal, tlk by OM, very vocal vocals, 444; 4/12. McLean, NY)(0615; QRN; 533; 5/7. Thompson, CA)(0740; 352; 4/13. Tripathi, CA)(0740; 323; 4/24. Pokatilloff, IL)

WILL CONTINUE ON NEXT PAGE. MY RIBBON IS RUNNING OUT -- WHAT A COINCIDENCE

COLOMBIA - (Continued)

- 4965 0517 R. Santa Fe, OM/LAm mx, QRM (242; 5/5. Traver, CA)(0430; 343; 4/15. Hall, CA)
(0515; 433; 4/11. McLean, NY)(0538; 333; 4/12. Cohen, PA)(0828; 111; 4/11. O'Brien,
AUSTRALIA)(Welcome to SPEEDX W/H, Alex!)(0242; 343; 4/19. Yajko, PA)(0510; 453;
4/19. Tripathi, CA)
- 5019.7 0245 Ecos del Atrato, ID @0302, usual TODELAR-type ID, MOR LAm songs; voice modulation has the echo quality of an empty room (I always compare that type of modulation to 'speaking into a tin can.' ch)(4/21. Walcutt, TX)(0350; distorted audio, especially during mx; 0404*; 352; 4/14. Brown, Hall, CA)
- 5040 0530 R. Cinco, identical sounding songs, OM DJ 2/ t1k, ID @0554 (232; 4/26. T./
- 5095 0330 R. Sutatenza, ID, (232; 4/25. Westbrook, FRG)(0218; classical mx, 0258*; 444; 4/7. Hall, CA)
- 5955 0027 LV de los Centauros, traditional Colombian folk song, then complete ID by OM w/ calls and fgys. Exc. signal bnight. (343; 4/27. Cunningham, OH)
- 6065 0042 R. Super, many IDs, t1k (333; 4/14. Yajko, PA)
- 6115 0800 LV del Llano, pop, LAm mx, OM anmts; plents of anmts/IDs (433; 4/17. Hall, CA)
(0520-0800, ad for Coke (soft-drink); 343; 4/13. Tripathi, CA)(0652; 343; 4/26.. T. Hall, CA)(0447; one anmt says: "Here you are, hombre..." Lots of fun station
323; 4/26. Witte, CA)(1035; 343; 4/27. Yajko, PA)
- 6150 0700 LV del Huila, pop LAm mx, OM anmts, ID @0741; (343; 4/13. Hall, CA)(1030; 434; 4/27. Yajko, PA) Yajko, PA)
- 6160 0704 Emis. Nueva Granada, LAm mx, ads, IDs (222; 4/26. T. Hall, CA)(1024; 433; 4/27

ECUADOR - HCJB

- 9745 0230 EE, DXPL, incl, review of new Kenwood-R1000 rcvr; (433; 3/2. Berkholtz, MN)
(0617; YL/OM w/ Australian accents and OM w/ American accents w/ mailbag show (454;
5/5. Traver, CA)
- 11910 0530 EE, Passport (444; 4/4. Ricciuto, NY)
- 15155 0230 EE, ex-15250, they announce 155 -- DXPL, SPEEDX report; best of 19m they've tried recently (444; 4/4. Lucas, CA)
- 26020 1519 EE, Bible drama (243; 4/12. Westbrook, FRG)(1900; 545; 4/6. Conover, KY)
(2148; 333; 4/4. Moman, AB)(1430; 353; 4/5. Fraser, MA)(2134; 444; 4/28. T.Hall, CA)
(1958; 232; 4/26. Lindley, AL)(1553; 243; 4/12. Yajko, PA)(A frequent complaint about 26020 is fading. ch) + 20 other reports of HCJB on various frequencies. MD)
- 3280 0405 LV del Napo, brief ID, TCs, LAm mx, QRM and utility QRM (222; 5/4. Cereghin,
- 3380 1042 R. Iris, ID, anmts w/ echo effect. Several "Buenos Dias, Esmeraldas," into campo mx (444; 5/3. Jones, MS)
- 3390 1000 R. Zaracay, OM anmts, IDs, national mx (333; 4/17. Hall, CA)
- 4680 0745 R. Nacional Espejo, LAm mx, OM ID (444; 4/6. Hiddleston, TX)(0310; peppy Ecuadorian mx; 353; 4/19. Earhart, PA)(0750; 353; 4/19. Tripathi, CA)(0800; number of IDs increased with length of broadcast; 343; 4/19. Hall, CA)
- 4765 0420 CRE, U.S. Pops; (353; 4/27. Eddie, MO)(0417; ID, ballads; possible s/on @ 1040; 4/28. Walcutt, TX)
- 4790 0445 Sistema de Emisora Atalaya, mx, 0456* (353; 4/27. Eddie, MO)
- 4794.6 0330 LV de los Caras, 0402*, nice ID w/ s/off anmts, no NA. S/off mentions "noche en La Voz de los Caras de Bahfa de Caragues y en toda la territoria caraquiiana," and lists fgys. and powers (4/23. Walcutt, TX)
- 4800 0446 R. Popular, somber Ecuadorian mx, station clock was 2 minutes slow (433; 4/28 T. Hall, CA)(0400; 343; 4/17. Hall, CA)(4801.1, 0404; IDs as R. Popular and R.P. Independiente, clear/strong. 4/22, 26; Walcutt, TX)
- 4870 *1047 OC, R. Rio Amazonas, 1048 NA, 1051 very peculiar s/on dialogue with two men excitedly and rapidly conversing in Indian language; 1053 series of unaccompanied songs by Indian women; 1103 SS with ID and s/on info; ID again @ 1105 followed by a pop or poss. religious song about "Maria." (4/28. Walcutt, TX)(*1034; primitive mx and t1k; 353; 5/3. Jones, MS)(0248; 232; 4/24. Cunningham, OH)
- 4910 0453 Em. Gran Colombia, LAm mx, IDs, ads, etc. (433; 5/4. Cohen, PA)
- 4920 0430 R. Quito, LAm mx, "musical saw" segway theme; 0458* (Now that the "Amateur Hour" has been swept off the Sunday airwaves, the musical saw is quite a wonder. I haven't heard one in years, and it takes me back to Mr. Mack pushing Geritol and Serutan -- I don't go back to Major Bowes. ch)(444; 4/24. Hall, CA)(4923; 0359; 444; 4/29. T. Hall, CA)
- 4945 0500 R. Colosal, (333; 4/17. McKinney, PA)
- 5061.3 0345 R. Nacional Progreso, Andean dances and ballads, 0350 ID as before, 0357 rather abrupt s/off without NA tonight, though OC remained on (4/27. Walcutt, TX)

FRENCH GUIANA -- FR3, Cayenne

- 3384 0915 FF, pop mx, OM ancr (Lots wld snd on 3385)(What is "wld snd"? "Wild sound"? I print it exactly as read. ch)(232; 4/17. Hall, CA)(0218; 322; 5/4. Cohen, PA)

GALAPAGOS ISLANDS -- LV de Galápagos (Home of the turtle -- Are you a Turtle?? ch.)

- 4810 0405 S/off anmt; ID, NA @0406, 0411* (343; 3/30. Moman, AB)(0312; 222; 5/4. Cohen, PA)(0300; 0402; 333; 4/27. Hall, CA)

WHIA! IS A "TURTLE?" A MEMBER OF THE INTERNATIONAL ORDER OF TURTLES.

GUYANA -- GBS

5950 0816 EE, Happy Birthdays in the Family Circle -- one to Mohammed Ali. Lousy het on this station all the time (323; 4/25. Witte, CA)(0945; 343; 4/17. Moman, AB)(0826; Hindi songs: "Tere dwar khada ek jogi...: and "Teri yad me..." (353; 3/13. Tripathi, CA))(0230; 0252*; 433; 4/20. Newton, GA)(0830; px from the Guyana Council of Churches; 343; 4/13. Hall, CA)

PERU

4790 0410 R. Atlantida, Pop LAM mx, recurring mx theme; several IDs through 0510 w/ NA (222; 4/16. Hall, CA)(0230; 222; 4/19. Cohen, PA)

4860 0530 R. Chinchaycocha, pop Peruvian mx, OM amnts, IDs @0551 (343; 4/26. Hall, CA) (0607; 444; 4/21. T. Hall, CA)

4935 0500 R. Tropical, ID @0500, OM/YL armts, 0512* w/ NA (332; 4/24. Hall, CA)(1027; ID: "Cultura, informacion...R. Tropical, Tarapoto." 222; 4/7. Cunningham, OH)(0503; 333; 4/26. T. Hall, CA)

?5005?0449 R. Jaén, EZL LAM mx, OM DJs, IDs, s/off w/ vocal NA, 0457* (322; 4/26. T. Hall, CA)(0505; 222; 5/4. EZL LAM mx, to 0510, then non-stop OM tlk to 0555, LAM mx, IDs; 222; 5/4. Cohen, PA)(I suggest that, since the first one signed off at 0457 and the second one was first heard at 0505 and went through 0555+, we have two stations. How about Rio Muni for one of them??? SS is spoken there. Would suggest Rio Muni for Mr. Cohen's logging, as the time is appropriate. As for the first one, more monitoring is indicated -- a recording of the NA might help. R. Jaén is very rare -- I haven't been able to track down a North American logging of Jaén in the last year. Perhaps Cristal in Bolivia??? This is constructive criticism, not nit-picking. ch)

5010 0350 R. Eco, sx event play-by-play by OM ancr; sponsored by Inca Cola and Banco Amazonico; frequent IDs (333; 4/19. Cunningham, OH)

5040 0635 R. Libertad de Junín, Peruvian mx, OM armts; IDs as "R. Libertad de Perú," & "R. Libertad...Junín." weakened through 0715; (343; 4/20. Hall, CA)

5970 0505 R. El Sol, OM political cmt on refugees in Cuba, U.S. relations with Somoza, Nicaragua, etc. ID @0537; (343; 4/23. Hall, CA)(0525; 0540*; 333; 4/27. Witte, CA)

6010 0630 R. América, pop LAM mx, OM armts; full ID @0700, followed by several pop mx selections in EE from EE.UU. //3240 kHz @ 0730, SIO 242; (333; 4/19. Hall, CA)

6115 1134 R. Lima, OM nx, bells and TC every minute, ads, name change?? (from R. Unión.) Several IDs heard (343; 4/23. T. Hall, CA)

9600 1432 R. Talara, LAM mx, OM DJ, up to 20 sec. quiet between selections, 1445 ad w/ mention of Peru, then OM ancr: "Música por la Radio Talara," fading into noise by 1500 (252; 4/18. Boehm, TX)

SURINAM

4794 0833 R. Apintie, Hindi, duet: "Ek pyar ka nagma hai," by OM/YL, "Dulhan chale... teen rang ki doli," by OM, (242; 4/17. Tripathi, CA)

t4850 0600+ SRS, mx, non-stop American gospel mx, no IDs through well past 0730; (444; 4/17. Kowalski, WI)(You're probably right; SRS is big on Gospel mx. ch)(0423; 343; 4/17. Moman, AB)(0315; 544; 4/21. Cohen, PA)(0315; 353; 4/15. Smath, FL)(0350; R&R mx, 433; 4/18. Farmer, TN)(0325; some EE tlk; 344; 4/15. Hall, CA)

VENEZUELA

3225 0003 R. Occidente, OM ID, YL armts, ute QRM (323; 4/19. Moore, PA)

3255 0219 LV del Tigre, armts, tlk, ID (333; 4/19. Yajko, PA)(0220; 333; 4/19. Cohen, PA)

3275 1010 R. Mara, LAM mx, fast DJ chatter, into guitar mx (433; 4/21. Nikolich, IL) (0234; 333; 3/16. Cohen, PA)(0133; rather torchy LAM pop vocal mx, occasional armts by OM/YL. ID @0135; 322; 4/15. Cunningham, OH)

3395 0615 R. Universidad, pop LAM mx, OM ancr. every few songs (343; 5/1. Hall, CA) (0225; 333; 4/16. Kneasern, NY)(0957; 353; 4/24. Moore, PA)

4770 0038 R. Bolivar, LAM mx, OM ID, short tlk by OM, (433; 5/5. Heyman, NY)(0323; 353; 4/19. Earhart, PA)(0251; 222; 4/29. T. Hall, CA)(0300; 444; 4/15. Hall, CA)

4780 0300 LV de Carabobo, pop LAM mx, OM ancr; ads; (332; 4/30. Hall, CA)

4800 0315 R. Lara, OM/YL ancr; nice LAM mx, lots of joking/laughing. 0355*; (433; 4/26; Witte, CA)(0053; 433; 5/5. Heyman, NY)(0339; 444; 4/28. T. Hall, CA)(2340; 222; 4/17. Westbrook, FRG)(0300; 443; 4/18. Hall, CA)(0305; "R. Lara, emisora en Venezuela." 434; 4/14. McLean, NY)(0215; 10-min. song complete with moos, laughs, dialogue, whistling, whinnying, birds, coyotes, and yoo-hoos (I think that's "Yahoos," hi!)(ch) Didn't understand a word of it, but enjoyed it. 443; 4/27. Thompson, CA)

4810 0340 R. Popular, mx w/ OM ancr to approx. 0348 when short tlks w/ mx. interlude between. I guess I'll never hear LV de Galapagos (Try for it after 0400 or so -- when R. Popular signs off. ch)(353; 4/18. Earhart, PA)

4880 0009 R. Universo, nx, typical LAM mx, heard several IDs, f/o (433; 4/14. Dilk, NJ)

4900 0350 R. Juventud, American oldies, s/off after fq. armts (444; 4/28. T. Hall, CA) (0331; 433; 3/20. Berkholtz, MN)(1000; 333; 4/18. Leeman, RI)

4960 0205 R. Sucre, OM nx, ID (454; 4/29. Moore, PA)(0240; 433; 4/19. Yajko, PA)

4970 0915 R. Rumbos, mx, (454; 4/12. Tripathi, CA)

WILL HAVE A STOP PRESS LOGGING OF R. PADILLA IN BOLIVIA ON NEXT PAGE. STAY TUNED.

VENEZUELA -- (Continued)

- 4980 0434 Ecos del Torbes, (453; 4/21. Wentzell, MN)(0815; 433; 4/12. O'Brien, AUSTRALIA)
(0320; hets; fr/gd; 4/23. Blaize, LA)(0101; mx by Partridge Family; 544; 5/5.
Heyman, NY)
- 4990 0316 R. Barquisimeto, disco, pop, clear IDs, fr/gd tonight; splattering (433; 4/23
Blaize, LA)
- 5030 0430 R. Continente, LAm px (322; 5/1. Traver, CA)(0130; 343; 4/25. Hall, CA)
(0420; 343; 4/5. Earhart, PA)(0019; 322; 4/30. Blaize, LA)(0244; 343; 4/28. T. Hall,
CA)(0233; 233; 4/25. Westbrook, FRG)
- 9660 0045 R. Rumbos, LAm mx, ad for French restaurant in Caracas (433; 4/27. T.Hall, CA)
(0405; 443; 5/3. Witte, CA)

SOME LATE NEWS AND (SHAME ON ME!) MISSORTS!**BOLIVIA** -- R. Padilla

- 3480 0156 at 0156 a YL made this anmt, which seems to have been the first half of a
full recorded ID: "...amigos ayentes. Desde nuestros estudios situados en la plan-
ta baja del Edificio Municipal de la ciudad de Padilla, República de Bolivia..."
followed by 10 seconds of silence. It seems to me that this anmt. was incomplete
and perhaps there were mechanical difficulties with the recording device at the
station. At 0157 the theme from the "Godfather" was played. After that the sig-
nal faded fast and I could only hear bits of mx. (4/21. Lazarus, LA)(Sorry I mis-
laid this one. Henry! ch)

COLOMBIA -- Radiodifusión Nacional (more missorts)

- 15333 0430 R. Nacional, OM/YL nx, rpt. on Americans in Teheran, Cuban refugees, and Peru;
program review, several IDs, 0454* (333; 4/12. Hall, CA)(0414; class. mx, OM ancr
mentioned Colombia but I could catch no definite ID; 353; 4/18. Earhart, PA)
- 15500 0215 Rd. Nacional again noted here (was here several years ago) on SSB w/ class.
mx 4/30, ID (Hauser, TN)(Am listening now, and is in AM 5/19 @0154. ch)

CHILE -- R. Nacional de Chile (news)

- 14530 234.5+ RNC with SS disco mx on 5/18, hrd. in New York thanks to a tip from Skip Thur-
man in Chicago, who called me. I identified it as RNC -- just as I began to listen
format changed to 30's Spanish hits -- I had a vision of Carmen Miranda twirling
down a line of dancers with a fruit salad on her hat. After an hour and a half of
that, format changed again, this time to modern SS pop vocals -- it went through
to past 0230; quality was fair to good. (Thurman/Hansen; IL/NY)

NORTH AND CENTRAL AMERICA**ANTIGUA**

- 6040 0125 DW Relay, EE, nx of Germany (444; 4/24. Moman, AB) Miller, CA)....
- 6175 0100 BBC, EE, symphony mx; (454; 5/4. Carlson, MI)(0605; Press review; 544; 4/16./
- 9510 0640 BBC, EE, mx, RNxreel; (?) ; 544; 4/13. Miller, CA)(0501; 433; nx on the Iran-
ian Embassy siege in London; 5/1. Traver, CA)
- 9565 0540 DW, EE, "Magazine," (555; 4/14. Somers, CA)
- 9735 0611 DW, GG, OM, death of Tito; (454; 5/5. Traver, CA)(0600; 544; 4/14. Miller, CA)
- 9765 2340 BBC, SS, folk mx; (443; 4/14. Miller, CA)
- 11775 1106 BBC, EE, World nx; (534; 4/27. Miller, CA)

BELIZE -- R. Belize

- 3285 0331 EE, mx, singing, ID @0334; heavy CW QRM; (222; 4/18. Farmer, TN)(0445; EE,
pop mx, 0500 cmt; 0510 end-program anmts, 0511 NA, 0513*; 222; 4/22. Hall, CA)

CANADA

- 5960 0329 RCI, EE, sked; (444; 4/11. Lindley, AL)(*2300; CBC Domestic Service (NOT
Northern Service -- this is a new feature -- the World at 6 is on at 2200, then As
It Happens from 2230-0100, when RCI takes over. Also, Sunday Morning, the CBC
domestic "magazine" show, is now on SW to North, Central, and South America from
1300-1600 GMT on 9580 (it takes the freq. over from RAustralia) -- both these ser-
vices are most entertaining and I recommend them to all now that we have a beam for
ourselves rather than having to share one with the Northern Service. ch)(434; 4/14
Whetzel, IN)
- 6005 1200 CFCX, EE, world nx, ads, etc. (433; 4/28. Dilk, NJ)
- 6070 1302 CFRX, EE, ID, pop mx; (433; 4/21. Whetzel, IN)+2 VA)
- 6130 1213 CHNX, EE, wx, mx, ads, traffic (433; 4/24. Dilk, NJ)(2320; 333; 3/31. Wampler,
6160 0732 CKZU, EE, class mx, nx; sx; wx; (353; 4/12. Tripathi, CA)(2300; 232; 4/1.
Moman, AB)
- 6195 0330 CBCNS, Now that Dr. Bundolo has been cancelled, I was wondering what CBCNS
would put in the GMT Mon. 0330 slot to replace it. (Temporary, ch) answer: on 4/7,
a repeat of 'Royal Canadian Air Farce,' another fine comedy px (also aired Suns.
1805). After DST goes into effect, unless there are further changes, the times
would be Sun 1705 and Mon 0230 GMT, however, heavy BBC Euro. svce. QRM on 6195.
This was soon replaced by a sports show. (Hauser, TN)+1
- 9535 0400 RCI, EE, DXD, (434; 4/6. Farmer, TN)

MORE CANADA ON NEXT PAGE. DO YOU LIKE THE NEW ARRANGEMENT OF DXD?? I DO.

CANADA -- (Continued)

- 9625 1330 CBCNS, EE, ID, "The Food Show," to 1400, then "Sunday Morning" to 1700 (times are now 1300-1600 after change to EDT in Nam. ch); Sun. Morning had an excellent piece on Iranian hostage rescue attempt (333; 4/21. Whetzel, IN)
- 9755 *0000 RCI, EE, mx, tlk about Sunday Morning (433; 5/4. Loren, CA)
- 11720 1500 CBCNS, EE, world mx, kiddie px, "Anybody Home?" (444; 4/19. Dilk, NJ)
- 11845 0300 RCI, EE, mx, sx (433; 4/23. Dunn, CA)(555; 0303; 4/23. Wentzell, MN)
- 15150 2138 RCI, EE, tlk on YL criminals (544; 4/20. Wentzell, MN)
- 15260 1902 RCI, EE, mx, cmt by P.M. on Iranian situation (433; 4/24. Dilk, NJ)
- 15325 2230 RCI, EE, As It Happens, (555; 4/23. Newton, GA)
- 17820 1802 RCI, EE, nx, DXD (434; 4/13. Miller, CA)(1812; 343; 4/13. Pokatiloff, IL) (1800; 444; 4/20. Whetzel, IN)
- 17875 2208 RCI, EE, The World at 6; (344; 3/31. Wampler, VA)(2203; 444; 4/28. T.Hall, CA)
- 21695 2016 RCI, EE, scientific talk on true north (544; 4/1. Lindley, AL)

COSTA RICA

- 4832 0725 R. Reloj, mx, short amnts; (353; //6006 better; 4/19. Tripathi, CA)(0731; 333; 4/12. Pokatiloff, IL)(0558; "un señal para el mundo; PSA: "Un momento de salud," 444; 4/21. T. Hall, CA)(055; Música clásica - Ravel. ID @0600 foll. by "Ave," a la Perry Como. 454; 4/26. Hall, CA)+3
- 5055 0327 Faro del Caribe, EE, organ mx, ID @0358. (433; 4/15. Newton, GA)(0325; "Songs in the Night"; px to Afr. (434; 4/24. Baker, DE)(0318; EE as early as 0245 GMT; 222; 4/28. T.Hall, CA)+2
- 5954 0515 Radio Casino, EE, DJ w/ pop mx, IDs every 15 minutes, TCs (433; 4/21. T.Hall, CA)
- 6006 0800 R. Reloj, Spanish/LAM mx, tlk (454; 4/14. Tripathi, CA)(0734; 322; 4/10. Pokatiloff, IL)(0255; 443; 5/5. Forbes, TX)
- 6076 R. Rumbo (TICAL); torchy LAM ballads, TCs, and "Rumbo" IDs between songs, PSAs, ads for Canara net. ID @1000 as "Para todo Costa Rica, Rumbo, TICAL, la frecuencia de los exitos." "Fiesta Mexicana," px @1030. Listed in WRTH as "Future Plans" station @6175, 1 kW, from Cartago. (333; 4/29. Cunningham, OH)(Thanks, Larry! ch)

CUBA

- 6060 0515 RHC, ID; (454; 4/13. Tripathi, CA)
- 9525 0745 RHC, EE, "Sociological Principles," (433; 4/15. Pokatiloff, IL)
- 11760 0450 RHC, EE, contest rules: "How to Win a Trip to Cuba." (Humm, how ironic; ch) (434; 4/13. Cohen, PA)(0301; FF; 555; 4/23. Wentzell, MN)+5
- 11840¹ 1811 RMWS, EE, Science & Engineering; (444; 4/12. Huddleston, TX)
- 11840² 2027 RHC, EE, tlk on Costa Rica. R.Moscow is hrd @0209 under Havana (222; 4/26. Cereghin, OH)
- 15230 0058 R. Havana, mx, tlk (322; 4/27. Dunn, CA)
- 17750 2100 RHC, EE, nx, cmt, mx "Voices of the Revolution," (343; 4/8. Fraser, MA)(2035; 354; 4/12. Huddleston, TX)(2110; 232; 4/25. Cunningham, CA)(0333; gd; 4/10. Lindley, AL)

DOMINICAN REPUBLIC -- R. Mil

- 4930 0130 Mellow pop mx, LAM-style; OM amnts; local ads; IDs most often on quarter-hr. (sig. usually clears @0225)(332; 4/16. Hall, CA)(0111; relaxed LAM pop mx, fast-talking OM ancr w/ IDs and occasional rx on the hostage situation in Bogotá. (strong; 4/16. Cunningham, OH)(0010; 353; 4/15. Moore, PA)

GUERNADA -- R. Free Grenada

- 15045 2334 EE, on cmt about marijuana abuse; ad for Universal Supplies, Ltd. and Mazda cars; (433; 4/23. Farmer, TN)(2302; 233; 4/17. Heyman, NY)(2312; QRM from SAC Fox-trot xmissions; pop mx, Bingo ###s @2320; 0005*; 232; 4/22. Lucas, CA)(2317; ads for stereos, batteries, concerts, "Today's Lucky Numbers," 2328*; 444; 4/28. T.Hall, CA) (2342; 433; 4/8. Godfrey, ON)+2

GUATEMALA

- 3300 0350 R. Cultural, EE, rel. px. (444; 4/4; Moman, AB)+8
- 3325 0215 R. Maya de Barillas, SS/Indian, cmt, mx; (322; 5/3. Hall, CA)
- 3360 0250 LV de Nahualá, OM cmt, marimba mx, IDs (222; 5/3. Hall, CA)
- 3380 0253 R. Chortis, Radio drama, bits of Tchaikovsky, 0328* (433; 4/5. Hall, CA)
- 4825 0230 R. Mam, SS/Indian, cmt, marimba mx, IDs, 0308* (333; 4/29. Hall, CA)
- 4835 1320 R. Tezulutlán; mx, some EE interspersed; (323; 4/24. Miller, CA)
- 5980 0507* AWR, Union Radio, TGMUA, continued evolving during its first month on the air. By 4/10, the nightly DX px had been dropped, and EE opening moved back to 0330, so that 'The Quiet Hour' occupied the 0430 spot; sig. strength varied quite a bit night to night, usually better toward s/off. On one DX px they had ancd. that pwr would be raised from 2.5 to 10 kW by end of April, and to 100 kW by end of year or early 1981; more land was being bought for the high power site. However, by end of April I was not hearing AWR at all, either on 5980 or on 3rd harmonic. (Hauser, TN) (Earlier...back at 5978.5) AWR Latin America, TGMUA, seems to have settled here... 4/4 DX px, at new time of 0431; ...read part of my reception report for 18266. Said they had had 7 or 8 reports and all but one were for the third,* but before they got them they had eliminated the harmonics because they changed output network to a different design...0500*. (Hauser, TN) (more on next page. ch) *harmonic

GUATEMALA -- AWR Latin America (Continued)

5980 0400 EE, "Story Hour"; QRM de BBC 5975 (222; 4/20. Farmer, TN)(0435; Quiet Hr; ID, address as Box 35C, Guatemala City; NA at s/off; (4/25; pr; Fisher, MA) (0438; EE religion, 333; 4/11. Nikolich, IL)

HAITI - 4VEH

11835 1149 EE, rel. px, tlk of founding of Liberia, //9770 (333; 4/26. Conover, KY)+3

HONDURAS

4830 0410 HRVC, LV Evangelica, EE, rel. px, 0500*, mentioned need of 3 IRCs for QSL reply (333; 4/21. Whetzel, IN)+9
4889.8 0030 R. Lux, ID, sophisticated pop vocals, many TCs a bit late, (4/27. Walcutt, TX)
4920 0130 R. Progreso, tlks, IDs, mx (444; 4/22. Thompson, NM)
5960 1055 LV de Occidente, carrier @1059, armt; then "Quince minutos hasta las noticias en Occidente -- haste entonces la musica," then mx. 1110+ was unintelligible (252; 4/24. Boehm, TX)
26075 0808 LV del Junco, SS EZL mx, "mariachis," OM IDs w/ TCs, no QRM (444; 5/4. T. Hall, CA)(Tim, do you have an ID text? LVJunco, acc. to the WRTH (which is, of course, liable to error), bcs. from 1200-0300. ch)

MEXICO

6115 2300 R. Universidad de Sonora, class. mx, anmts; IDs (454; 4/24. Hall, CA)+1 CA)
15160t 0049 LV de la America Latina, OM/YL tlk, ads, terrible signal (322; 4/30. T.Hall, 15445 2205 XERMX, tlks, sx, (534; 4/26. Miller, CA)
17765 0017 XERMX, OM ID as R. Mexico, YL singing, OM ID @0028 (233; 4/15. Heyman, NY)

NETHERLANDS ANTILLES

-- I am cutting most of NA this month, but will mention that coverage of Queen Juliana's abdication was extensive on 4/30 on 9715 (EE) 9895 OOB in Dutch; did not show on skedded 11740, but did show on 15210. All acc. to Hauser, TN) +20 others.

NICARAGUA

6015 *0842 UNID, LAm mx, patriotic slogans "patria democrática," ID @0915 "R --- --- en Managua." Many ments. of Nicaragua. Bad audio w/ intermittent howls (443; 5/8. Jones, MS)
6120 1112 R. Zinica, ID, "música ranchera," (443; 5/3. Jones, MS)

UNITED STATES OF AMERICA

6225 2130 UNID, EE, pop mx, Jingle: "Someplace Special," then off w/out ID. Assuming it is local. Called Syncom and he (who?? ch) said it may have been his test but wasn't sure. (232; 4/11. Kegel, MD)
6249 0527 R. Syncom International/R. Syncom 40; EE, current rock mx, IDs as "RS 40," gave FRC address for reception reports, switched to 6280 after 0559*; (222; 4/6. Cunningham, OH)
6279 *0503 R. Syncom Int'l; EE, IS, om w/ ID and "We Love the Pirate Stations," OM says that they will open up the NYC loop # (333; 5/4. Kegel, MD)(0605; 222; 4/6. Cunningham, OH)

I also hrd. Syncom this last Sunday (0315 GMT Monday, 4/19) on 6279 -- called FRC and he said that they had been playing classical mx for 2 hrs. before I tuned in--apparently to assuage the reservations "long-hair" DXers had expressed about all the rock mx played on pirate stations! Al Muick came on later and (in a recorded statement) rebutted the article carried in May, 1980 FRENDX Shortwave Center, written by Ralph Perry. ch.

6420 0705 KVEH, EE, Frankie Laine's "Moonlight Gambler" played twice, ID and 0716*.
Real blurry for local (553; 5/3. Witte, CA)
6958 0530 WARG, EE, mx, phone # in NYC; (423; 4/20. Pettit, IA)
6990 0445 R. Indiana, EE, OM w/ IDs and NYC loop phone; mentioned SPEEDX, also on 4005. (232; 4/27. Kegel, MD)
6960 0520 WARG, missort, (sorry); EE, mx by Blondie, called and talked to Ray and Harvey, promised QSL and said none had been sent out yet (555; 4/20. Kegel, MD)
7090 0225 R. Antorcha Martiana (Torch of Marti (Jose)), SSB, OM w/ ID tlking w/ R. Libertad Cubana, says he is in mountains (333; 4/13. Kegel, MD)
7090 0202 R. Libertad Cubana, Comandante David, usual px, revolutionary tlk, mx; talking w/ SS hams on SSB w/ signal quality. Many were thanking him and some were very worked up (444; 4/13. Kegel, MD)
15130 0052 WYFR, SS/EE, mx to 0053, then slow reading of John in EE (353; 4/18. Earhart, PA)(2030; 444; 4/12. Farmer, TN)
15145 0325 WINB, EE, Mike Mackintosh; (433; 4/23. Wentzell, MN)
17720 1800 WINB, EE, Xtian Evangelical px (332; 4/7. Farmer, TN)
17845 1720 WYFR, RR, rel. tlks, mx; (444; 4/14. Miller, CA)

I would like to thank all my reporters this month for a good column with much newsworthy in it. I'd like to remind everyone thá both your date and time should be in GMT (0100 GMT is 2100 EDT, but on different days - if GMT in Sunday, EDT is Saturday). I believe some errors of this kind are being made. I'd also like to ask everyone to use SPEEDX report forms, if at all possible. Forms of other clubs shouldn't be used unless you're desperate (hi!). Actually, since NASWA forms are set up differently, I have to grind my mental gears to get the report into SPEEDX form. See you in 30. *Chris Hauser & Arnie*

SWBC - EUROPE



NEW EDITOR:

Ralph Famulare
682 North 5th St. #2
San Jose, CA 95112

Deadline: 12th
Times and Dates: GMT
Frequencies: kHz

ALBANIA

- 7065 0000 RT; EE nx cmty on British Steel workers (433 4/4 Dilk-NJ)(McLean-NY)
7120 0238 RT; EE ID cmty cw (322 4/17 Whetzel-IN)(Lindley-AL)
7300 0336 RT; EE nx (333 ? Berkholtz-MN)
9480 0448 RT; EE nx (333 2/26 Berkholtz-MN)(Audette-MA)(Cereghin-MD)
9790 0220 RT; Albanian om mx (444 5/5 Smith-A)(433 Berkholtz-MN)

AUSTRIA

- 5945 0130 ORF; EE "Report from Austria" (333 5/6 Osborne-MI)(Moman-ALB)(Berkholtz-MN)(Evans-TN)(Yajko-PA)(Smith-FL)(McLean-NY)
9770 0300 ORF; EE nx on development of atomic energy in Austria (443 4/6 Earhart-PA)(Wampler-VA)
12015 0350 ORF; GG mx by om/yl (533 4/8 Hesch-NY)(Earhart-PA)(Shepherd-IL)(Pettit-IA)(Berkholtz-MN)(Valentine-CA)(Stone-ONT)(Miller-CA)
15200 2200 ORF; GG nx and rock mx (444 4/12 Hesch-NY)(Berkholtz-MN)
15560 1600 ORF; GG nx ID's (433 4/7 Pettit-IA)
17745 0515 ORF; GG tlk by om/yl mx (534 4/26 Miller-CA)
21469 0645 ORF; GG waltz mx ID IS (353 4/16 Munster-GA)
21655 1230 ORF; EE nx on drug addiction (444 4/16 Fraser-MA)(Yajko-PA)(Dilk-NJ)
21740 1840 ORF; EE om/yl w/ tlk abt cable cars (332 4/22 Forbes-TX)

BELGIUM

- 15175 0055 BRT; EE end off EE prgm mx (353 4/18 Earhart-PA)(Forbes-TX)(McLean-NY)(433 Hall-CA) Welcome back Tim. ed
15380 0015 BRT; EE ID nx mx cmty features (433 4/19 Whetzel-IN)(Byron-NY)(Moman-ALB)(Hall-CA)(Osborne-MI)(Eddie-MO)(Wampler-VA)(Berkholtz-MN)
17730 0426 BRT; EE om w/ nx (444 4/17 Korneke-?) (544 4/14 Miller-CA)

BULGARIA

- 9700 1930 RS; EE nx cmty "Life in Bulgaria" (353 4/29 Fraser-MA)
9705 0020 RS; EE mx NA operas (443 4/13 Smith-FL)(Pokatiloff-IL)(McLean-NY)(McKinney-PA)
9710 2323 RM; via Sofia EE Paul Kosekov and his DX-Program (44 4/5 Smith-FL)
11750 2150 RS; EE tlk abt International Olympic Movement (433 4/28 Osborne-MI)(Audette-MA)(Evans-TN)
11855 *2230 R. Moscow; via Plovdiv unknown lang IS (422 5/5 Pettit-IA)

BULGARIA cont

11860 0448 RS; EE nx of Bulgaria (422 4/14 Lindley-AL)(Earhart-PA)
 11920 0130 RM; via Plovdiv SS cnty on NATO arms buildup (444 5/7 Hall-CA)
 15330 0000 RS; EE ex 9707 for summer to NA (5/12 Hauser-TN)(Coleman-MA)(Audette-MA)
 (Cucure-PA)
 13825 *1830 RS; EE IS s-on ID sked nx mx (433 4/26 Thompson-CA)
 21530 0755 RM; EE classical mx tlk on Tito's death (352 5/5 Munster-CA)

CZECHOSLOVAKIA

5930 0110 RP; EE "Topics of the Day" (555 5/8 Coleman-MA)(Hall-CA)(Moman-ALB)
 (Berkholtz-MN)(Dilk-NJ)(Cohen-PA)
 7345 0330 RP; EE local mn nx cnty on traffic accidents (433 4/14 Lindley-AL)
 (Berkholtz-MN)
 11855 0730 RP; EE opening of Asian/Pacific service said 0630 and 0830 (4/17 Hauser-
 TN)
 11990 0300 RP; EE nx (444 2/28 Berkholtz-MN)(544 Miller-CA)(Dunn-CA)(Valentine-CA)
 (Earhart-PA)

DENMARK

15165 1909 RD; Danish ID (533 3/23 Wentzell-MN)(Moman-ALB)(Wampler-VA)(Heyman-NY)

FINLAND

9645 0329 RF; EE ID IS (434 2/25 Berkholtz-MN)
 11755 0331 RF; EE om w/ newscast (433 4/29 Hall-CA)(Berkholtz-MN)(Miller-CA)
 15265 0830 RF; EE request show mailbag prgm (333 4/13 Westbrook-FRG)(323 McLean-
 NY)(Audette-MA)
 15400 1309 RF; EE "Voices of Finland" (444 4/24 Wentzell-MN)(Miller-CA)
 21425 1440 RF; EE cnty on joint defense pact (432 4/9 Smith-FL)
 21475 1434 RF; EE om anncr nx (323 5/1 Farmer-TN)(Grenier-CA)(Loren-CA)
 (Whetzel-IN)

FRANCE

7135 0420 RFI; FF popular mx phone in show (433 4/19 Stone-ONT)
 11845 1622 RFI; EE nx on Africa (322 4/22 Audette-MA)
 15135 0605 RFI; FF om w/ steady tlk (433 4/19 Smith-CA)
 15155 0611 RFI; FF yl w/ mx (322 4/19 Smith-CA)
 15300 0655 RFI; FF om w/ tlk ID mx (433 4/19 Huddleston-TX)
 15315 1635 RFI; EE id cnty on olympic boycott (322 4/28 Whetzel-IN)
 15400 1430 RFI; EE mx tlk on origin of religion (433 4/4 Dilk-NJ)
 15425 2025 RFI; FF om w/ ID accordian mx (333 4/12 Huddleston-TX)
 17720 1642 RFI; EE "Spotlight on Africa" (232 4/12 Huddleston-TX)
 17850 1737 RFI; EE mailbag prgm (343 3/16 Wentzell-MN)
 21515 1733 RFI; EE nx mx "Paris Calling Africa" (333 3/16 Berkholtz-MN)(Hodson-MN)
 (Huddleston-TX)(Thompson-CA)

FRANCE cont

21580 1614 RFI; EE cmty on US withdrawl from olympics (444 4/14 Pokatiloff-IL)
(Wentzell-MN)(Huddleston-TX)(Berkholtz-MI)(Dilk-NJ)(Smith-CA)(Smith-CA)

21590 1250 RFI; FF screaming on DJ rock mx (333 5/5 Farmer-TN)

21620 1702 RFI; EE nx "PCA" (333 5/26 Moman-ALB)(Miller-CA)(Farmer-TN)

25820 1700* "PCA" (4/6 Hauser-TN)(Huddleston-TX)

25900 1610 RFI; EE African nx afro mx (242 5/4 Audette-MA)

GERMAN DEM REP

5955 0312 RFI; EE ID full sked (222 4/16 Moman-ALB)

11820 0256 RFI; EE yl anncr reading letters from listeners (322 5/4 Farmer-TN)

11975 0300 RFI; EE nx om abt former Nazi criminals (544 5/1 Kordecke-VA)(Wampler-VA)
(Moore-PA)(Hall-CA)(Berkholtz-MI)(Yajko-PA)(Miller-CA)(Stone-ONT)

15100 0645 RFI; EE ID IS' fest fade (211 4/27 Smith-FL)

21465 0645 RFI; EE om w/ tlk on Fascism (444 5/7 Hall-CA)

FED REP OF GERMANY

5995 0218 DW; German mx ID QRM de ARO (323 4/16 Kneeskern-NY)

5960 0530 DW; EE IS ID nx (433 4/2 Smith-FL)

6075 2318 DW; GG cmty of World Islamic Conference (444 3/19 Berkholtz-MI)

6085 0140 DW; EE om w/ cmty on German political situation (555 5/6 Coleman-MA)

6145 0351 DW; GG quiz prgm (333 4/8 Berkholtz-MI)(Levin-NJ)

7150 0430 DW; EE "Panorama African service" (522 4/19 Stone-ONT)

11765 0600 DW; EE om w/ "Welcome to Africa" prgm (544 4/2 Acciuto-NY)

11905 1955 DW; EE program review om ID sked (433 4/23 Audette-MA)

15135 1702 DW; Swahili afro mx ID IS into EE nx (544 4/29 Thompson-CA)

15215 0255 RFE; ? 2 ID's QRM de WYFR (322 4/19 Stone-ONT)

17780 1023 DW; EE om w/ interviews (333 4/22 Audette-MA)

17795 1945 DW; EE mx w/ om DJ (434 4/13 Conover-KY)(McLean-NY)

17875 0722 DW; FF African mx interspread by tlk abt radicalization of Islam
(333 4/26 Munster-GA) That is easy for you to say Ralf. ed

21500 1045 DW; EE om ID nx listener's letters (232 4/23 Audette-MA)

21560 1744 DW; GG program preview (333 4/16 Berkholtz-MI)

21600 1740 DW; EE cmty on the overthrow of the Liberian government (444 4/12
(Yajko-PA)

21620 1801 DW; EE mx ID sked (444 4/12 Huddleston-TX)

25690 1215 RL; RR om w/ tlk on Afghanistan (433 4/23 Audette-MA)

GREECE

9650 0345 VOG; EE yl w/ nx ID into Greek (433 4/20 Audette-MA)(Cohen-PA)

9655 0135 VOG; EE om w/ nx ID then into Greek (433 4/25 Audette-MA)(Yajko-PA)

11730 0136 VOG; EE nx (444 3/15 Berkholtz-MI)(Lindley-IL)

HUNGARY

9585 0102 RB; nx tlk abt Iranian oil (333 4/16 Smith-FL)

HUNGARY cont

9835 0200 RB; EE nx (322 4/19 McKinney-PA)(Heyman-NY)(Wentzell-MN)
 11710 0220 RB; EE strong sig w/ poor mod story abt a family during WW11 (353 4/4 Earhart-PA)
 17710 0120 RB; EE cmt by yl (353 4/25 Earhart-PA)(Pokatiloff-IL)(444 Grenier-CA) (Farmer-TN)(Sanderson-AZ)(Moore-PA)(Hall-CA)(Osborne-MI)(Byron-NY)

ICELAND

12175 1255 RR; Icelandic fair level no audio (5/4 Hardexter-CA)

IRELAND

11463 0608 RCI; test transmission to New Zealand bits of tlk in EE and pop mx but no ID however, I can't imagine who else it would be on this freq, and it was certainly weak enough to be 100 watts (4/7 Hauser-TN)

ITALY

9575 0118 RAI; EE ID EZ listning mx (333 4/1 Wampler-VA)(233 Hall-CA)(Earhart-PA)
 9710 0118 RAI; SS mx bells into PP (232 4/27 Hall-CA)
 11800 0108 RAI; EE yl w/ newscast address nx (444 5/7 Hall-CA)(222 Cereghin-ID) (Cohen-PA)
 15330 0400 RAI; EE yl w/ news ID light mx (333 4/20 Audette-MA)(Juddleston-TX) (McLean-NY)
 17795 0448 RAI; Italian IS ID nx (333 5/4 Cereghin-ID)

LUXEMBOURG

6090 0125 RL; EE om w/ Fleetwood Mac (433 5/6 Coleman-MA)(Moman-AIB)(Farmer-TN) (Heyman-NY)
 15350 0245 RL; FF pop mx (444 4/22 Stone-ONT)

MALTA

9545 0403 DW; GG nx (433 2/26 Berkholtz-MN)
 9565 0145 DW; EE ID om/yl w/ camping tlk address freq's (333 3/31 Hodson-MN)(Osborne-MI)(Wampler-VA)(Dilk-NJ)(Smith-FL)
 9670 0747 XM; EE "People in the News" request prgm (434 4/5 Godfrey-ONT)
 9735 0205 DW; GG nx cmt on tanks and anti-tank defenses (444 2/26 Berkholtz-MN)
 11865 0145 DW; EE cmt (444 3/15 Berkholtz-MN)(433 Dunn-CA)

MONACO

9495 0700 TWR; EE "Radio Bible Class" and other rel prgms (444 4/13 McLean-NY) (Moman-AIB)(Hauser-TN)(Heyman-NY)

NETHERLANDS

11730 2130 RM; DD coronation of the Queen (252 4/30 Munster-GA)
 17605 2045 RN; EE special prgm coronation (353 4/30 Munster-GA)(Newton-GA)(Dilk-NJ) (Pettit-IA)(353 Thompson-CA)(Grenier-CA)
 17695 0705 RN; EE wld nx wx preview of Queen Juliana (232 4/30 Audette-MA)(McLean-NY)

NORWAY

9550 0545 RN; EE announcer testing on this freq ID into disco mx (353 4/24 Munster) (Hall-CA)
 9645 0409 RM; EE tlk on North Sea oil and recent accident (444 3/31 Moman-AIB) (Cohen-PA)
 11850 2250 RN; NN IS MN and EE annmt (211 5/3 Loren-CA)
 11860 2220 RN; EE om w/ interviews w/ Nor. writer (433 4/27 Audette-MA)(Berkholtz-MN)
 15135 0015 RN; EE yodeling (353 4/14 Yajko-PA)
 15175 0622 RN; MN mx discussions (333 4/19 Smith-CA)
 17755 1810 RN; EE om w/ tlk on oil platform (232 4/27 Audette-MA)(Wentzell-EN) (Berkholtz-MN)
 17795 2213 RN; EE tlk on Norway's ocean liners (333 5/4 Cereghin-ID)
 17840 1530 RN; EE yl w/ nx (322 4/20 Davenport-TN)(Farmer-TN)
 21730 1807 RN; EE om/yl nx (333 4/15 Hodson-MN)(Huddleston-TX)

POLAND

6095 0300 PR; EE om w/ freq's nx (433 4/26 Audette-MA)

POLAND cont.

6135 0200 PR; EE IS EE s-on (222 4/19 Yajko-PA)
 7270 0201 PR; EE ID mx wx (343 4/22 Smith-FL)
 9525 0211 PR; EE nx sx wx (444 4/4 Godfrey-ONT)(Smith-FL)
 9675 1635 PR; EE nx "Poland Today" (433 4/10 Westbrook-PRG)
 11815 0225 PR; EE "Saturday Hit Parade" (444 5/4 Leeman-RI)(Hauserv-TN)(Berkholtz-MN)
 (Stone-ONT)
 15120 0215 PR; EE WW-LL events (544 5/3 Valentine-CA)(444 4/23 Audette-MA)(Hodson- MN)
 (Van Beurden-CA)(Cunningham-CA)(Berkholtz-MN)(Forbes-TX)(Smith-FL)

PORTUGAL

6025 0509 RP; EE yl nx sx sked (333 4/29 Hall-CA)
 11840 2255 RP; PP mx nx (433 3/2 Berkholtz-MN)
 11925 0300 RP; EE nx (434 4/3 Moore-PA)(Osborne-MI)(Whetzel-IN)(McSkimming-CA)
 (Berkholtz-MN)(Stone-ONT)(Cohen-PA)(Dunn-CA)
 15125 0300 RP; EE nx cmt (433 5/3 Pitts-UT)
 15170 0231 RP; SS mx (433 2/28 Berkholtz-MN)
 17870 1750 RP; PF tlk by om/yl (323 4/15 Miller-CA)(444 Stone-ONT)

ROMANIA

5990 0212 RB; EE tlk abt tourism (444 4/16 Yajko-PA)
 9570 0133 RB; EE nx (444 4/1 Wampler-VA)(Hall-CA)(Heyman-NY)
 11940 2005 RB; EE yl w/ orchestra mx (444 4/23 Audette-IL)(Cucura-PA)(Yajko-PA)

SPAIN

9360 0025 SFR; SS nx mx (444 3/15 Berkholtz-MN)(Smith-CA)
 9570 1510 SFR; SS ID (433 4/10 Westbrook-PRG)
 9650 0120 SFR; EE IS ID om w/ cooking class (444 4/30 Cunningham-CA)(Cucura-PA)
 (Wampler-VA)(Moman-ALB)(Hodson-MN)(Conover-KY)(Thompson-MI)
 11775 0428 SFR; SS mx (444 2/26 Berkholtz-MN)
 11880 0130 SFR; EE om nx yl on skiing (444 4/17 Valentine-CA)(Ricciuto-NY)(Pettit-I
 A)
 (Fraser-MA)(Moman-ALB)(Whetzel-IN)(Berkholtz-MN)

SWEDEN

9695 0256 RS; EE mx (433 3/2 Berkholtz-MN)(Grenier-CA)(Sanderson-AZ)
 11705 2303 RS; EE ID at 2305 "Panorama" (333 5/31 Wampler-VA)(Brown-WA)(Osborne-MI)
 (Berkholtz-MN)(Farmer-TN)(Pekatiloff-IL)(Dunn-CA)
 11905 0030 RS; EE IS ID nx headlines (444 4/1 Wampler-VA)(Cereghin-IL)
 15190 1845 RS; Swedish om w/ tlk ID into nx (454 4/14 Kegel-ID)
 15275 2322 RS; EE "Sweden Calling DK-ers" (444 1/4 Moman-ALB)(Thompson-CA)(Dilk-NJ)
 17700 1400 RS; EE mailbag prgm (433 4/27 Grenier-CA)
 21490 1850 RG; PP? monologue by on SGB (555 4/14 Brown-IL)
 21615 1400 RS; EE "Saturday Show" (454 4/5 Fraser-IA)(Whetzel-IN)(Lindley-AL)
 21690 1408 RS; EE om w/ "Mailbag" (444 5/4 Audette-MA)
 21700 1310 RS; Swedish ID nx (343 4/23 Forbes-TX)

SWITZERLAND

3985 0525 SRI; GG Swiss mx tlk (322 4/2 Smith-FL)
 6135 0145 SRI; EE yl ID tlk "Dateline" (433 4/25 Audette-MA)(Davenport-TN)
 6165 2215 SRI; FF jazz mx ID (444 4/15 Kegel-ID)
 7210 0600 RGES; GG IS nx (322 ? Pettit-IA)
 9725 0430 SRI; EE ID cmt (433 4/14 Whetzel-IN)(Sanderson-AZ)
 11715 0143 SRI; EE IS freq's (454 4/23 Thompson-MI)(Whetzel-IN)(Valentine-CA)
 (Dunn-CA)(Grenier-CA)(Berkholtz-MN)
 15305 0143 SRI; EE IS ID freq's (444 4/26 Thompson-MI)(Berkholtz-MN)(Shepard-IL)
 17735 1315 SRI; EE "Dateline" (222 4/23 Audette-MA)
 17830 1545 SRI; EE "Dateline" (444 4/18 Brown-WA)(Cereghin-ID)(Heyman-NY)
 21520 1331 SRI; EE ID TC (444 4/21 Forbes-TX)
 21570 1533 SRI; EE nx and tlk on jazz mx (444 4/27 Grenier-CA)(Moman-ALB)(Berkholtz-MN)
 (Yajko-PA)(Dilk-NJ)(Farmer-TN)

Thanks to all of you who have supported this column the past few months. Remember, starting next month we have a new editor, Ralph Famularo. Let's continue to give Ralph the huge Response Europe has always received. Thanks, from Tim.

SWBC DX

AFRICA



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FEBA
 Seychelles

Deadline: 12th
 Times & Dates: GMT
 Frequencies: kHz

Radio Television Kaduna

Hope everyone is enjoying some fine DX! The summer season is fast approaching, and much fine DX is to be had....This month's column will be five pages so I should be able to include all loggings/info that I have on hand. Thanks go to all 58 reporters this month....especially the 6 first-timers! Just a reminder that all times/dates are GMT, and frequencies are in kilohertz.....

ALGERIA

9510 1440 RTVA: AA pgm, ME mx, ID's, TP's (433 4/30 Witte-CA) 9610????
 11615 2000 RTVA: EE nx by YL, African news (fair 3/14 Brewer-TN)

ANGOLA

9535 1502 RNA: OM SS nx, 1506 5 min FF nx, then PP nx (433 5/3 Thompson)
 11955 0356 RNA: IS, ID, NA OM tlks in PP (423 4/12 Cohen-PA)

ASCENSION ISLAND

15105 0630 BBC-Atlantic Relay: BBC FF Service (343 5/5 Traver-CA)
 15260 0050 BBC: EE "Jolly Good Show", ID's, TC (454 5/7 Thompson-NM)
 (534 2100 EE 4/6 Pettit-IA)
 15400 0748 BBC: EE World Service, ID's (544 4/25 Miller-CA)
 17885 1715 BBC: EE tlks on Middle East (434 4/13 Miller-CA)

BENIN

4870 0510 ORTB: FF OM anns, commentary (333 4/26 Hall-CA)

CAMEROON

4750 0405 Radio Bertoua: FF OM anns, afro mx, nx at 0430 (232 4/6 Hall-CA)(Oliver-MA)
 4850 0510 Radio Yaounde: FF YL vocals, QRM (232 5/5 Traver-CA)
 5010 0135 Radio Garoua: FF w/ all night program for Easter (333 4/6 Cunningham-OH)(232 4/13 0501 FF/EE Heyman-NY)(433 4/11 0455 FF/EE McLean-NY)

CONGO

15190 1620 RTC: FF pop mx, OM/YL anns, cmnty, ID, addr at 1658*
 (233 4/28 Hall-CA)

EGYPT

9475 0220 Radio Cairo: No sign of Radio Cairo here 4/30 at 0220 check, though 12050 was on, scanned 19 mb thinking they moved, 9475 was back on next night (Hauser-TN)(543 4/16 0140 SS Witte-CA)(444 4/26 0256 EE Grenier-CA)(454 5/4 0213 EE Forbes-TX)(444 5/4 0400 EE //12050 Pettit-IA)(443 4/1 0158 EE Tripathi-CA)
 9805 2240 RC: EE nx cmnty, mx (333 4/20/26 Cereghin-WV)
 12050 0220 RC: EE ID, nx, QSL info, cmnty, NA Service (333 3/25 Hodson) (I can't resist mentioning the weird way Radio Cairo's seemingly elderly lady anmr gives this freq, "one twenty fifty" glad she doesn't have a DX pgm to announce! (Hauser-TN) (333 4/29 0315 EE Farmer-TN)(333 4/30 0315 EE T. Hall-CA) (434 5/4 0415 EE Pettit-IA)(333 4/16 0310 EE Dunn-CA)
 15475 1842 RC: AA s/off at 1900 (242 5/4 Traver-CA)
 17920 1234 RC: EE World news, 1235 ID (233 4/23 O'Brien-NSW, Australia)
 17930 1640 RC: AA chants, instrumentals (343 4/24 Miller-CA)

EQUATORIAL GUINEA

5005T 0435 Radio Malabo: Vern tlks, afro mx, OM anns (323 4/12 Witte)
 6250 2207* RM: SS tlks by OM, ID, long NA, 2207* (444 4/15 Kegel-MD)

ETHIOPIA

7110 0357 VORE: Flute IS, Vern s/on, severe Ute QRM (222 4/5 Cohen-PA)

GABON

4777 0440 RTVG: Afro mx, FF ID's (433 4/16 Witte-CA)

GHANA

4915 0600 GBC: EE ID, nx by OM, cmnty (343 4/21 Hall-CA)(222 4/23 T. Hall-CA)(343 4/15 2245 EE Beres-CT)

GUINEA

4910 0640 RN: Afro traditional mx, ID in FF (323 4/14 Witte-CA)

IVORY COAST

4940 2225 RTVI: Afro mx, FF OM tlks (222 4/10 Cohen - PA)
 7215 0645 RTVI: FF OM anns, liturgical mx, ID, 0700/nx (343 4/7 Hall)

LIBERIA

3255 2345 ELBC: EE TC, ID, hymns, QRN (323 4/13 Yajko-PA)
 4765nf 0635 ELWA: EE rlg tlks, hymns, anns, good to 0700 (333 4/26 Cunningham-OH)
 4770 0425 ELWA: SPEEDX members Wilf Stone and Scott McLean send in the following accounts of the recent coup in Liberia as bcst: "I have never heard Liberia before-reception was fair to good-I listened for an hour and program consisted of class. mx for 15 minute periods. A male annr then came on with the following "This is Radio Station ELWA, Monrovia, Liberia. This is a special announcement of the coup in Liberia- all Army personnel will receive pay increases, a private will receive \$250.00 a month, public employees will all receive increases, citizens and foreigners will remain calm, all persons will be off the streets after dark, looting will not be tolerated, so guide yourselves accordingly, all persons will stay clear of the border areas....Then a list of new officials was read" Stone-Canada....McLean-NY ...4/13/80 (323 4/16 Witte-CA)(423 4/9 0558 EE Heyman-NY)(444 4/13 0342 EE Cohen-PA)
 11830 0625 ELWA: Anns in EE/FF/AA (322 4/5 Pettit-IA)
 11835 1739 ELWA: EE pgm "Unshackled" very weak (222 4/27 Cereghin-MD)
 17865 0320 VOA: EE afro news, tlks on Zimbabwe (444 5/5 Forbes-TX)

MADAGASCAR

15220 2045 RN: EE "Newsline", "DX Jukebox" (333 4/24 Wentzell-MN)
 25790 1320 RN: RN special freq 4/30 only for Queen Juliana abdication, and Beatrix 'queenizing' in Dutch w/good signal at 1320.. (Hauser-TN)

MALI

4783T *0600 RNM: pre-0600 anthem heard, ute QRM (322 3/31 Pettit-IA)
 5995 2359 RNM: Afro pop mx selection, FF s/off anns (333 4/1 Cunningham)
 7110 0700 RNM: FF OM annr, mx until 0720, OM tlks //11960 (poor/fair) (333 5/1 Hall-CA)
 11960 *0658 RNM: horn IS until 0702, FF s/on (333 4/13 Thompson-CA) (444 4/13 0710 FF Cohen-PA) //7110.....

LIBYA-----OUT-OF-ORDER-----OUT-OF-ORDER-----
 17930 1600 SP1AJBC: NA, OM AA tlks (322 4/12 Cohen-PA)

MAURITANIA---Back to our regularly scheduled country....HI!!!
 4845T 0614 RNM: AA/Vern tlks, stringed mx (222 4/12 Cohen-PA)(good 4/12 2245 Vern Brewer-TN)

MOZAMBIQUE

3210 0320 RCM: Indig. mx, OM PP Anns, 0359-ID (342 4/22 Hall-CA)

Not enough room to start anything here.....So will just mention that next month is SPEEDX's 9th Birthday....and a Birthday expanded issue is planned, please send all of your loggings/info to SPEEDX for this big issue.....

NIGERIA

4990 0510 FRCN: Local Vern mx, OM tlks (433 4/11 McLean-NY)
 6025 2247 FRCN-Enugu: EE religious pgm w/sermons/hymns, ID's (232 4/6
 Cunningham-OH)
 7255 0600 VON: EE nx/mx (222 4/20 McKinney-PA)
 15120 0630 VON: News/features 4/28, poor modulation and slight het
 indicating it may have been ARO and 15119 as before (Hauser)
 (352 4/24 0629 EE Tripathi-CA)(544 4/14 0638 EE Kneakern-NY)
 (233 4/8 0615 EE Heyman-NY)(454 4/8 0630 EE O'Brien-AUSTRALIA)

RWANDA

15410 0600 DW: EE/GG prgms, co/channel QRM de Austria (433 4/28 Miller-
 17875 1740 DW: GG OM tlks, NA at s/off (433 4/13 Miller-CA) listed here
 as German xmtr for this time period???...wlo

SEYCHELLES

11860 *1520 FEBA: IS to *1520, EE s/on, RM on at 1525 (322 4/16 Thompson)
 15325nf 0305 FEBA: Parsi OM ID (254 4/23 Heyman-NY)
 15400 0340 FEBA: IS, OM AA ID, YL annr (444 4/5 Cohen-PA)

SIERRA LEONE

5980 2311 SLBC: EE request program of pop mx, OM annr, 2330 ID (333 4/22
 Beres-GT)(333 4/19 0645 EE Witte-CA)(323 4/24 0655 EE
 Baker-DE)(232 4/27 0558 EE Cohen-PA)(343 4/27 0615 EE/Vern
 Hall-California)

SOUTH AFRICA

RADIO RSA

3250 0300 SABC: EE/Afr pgm, pop mx, ID's (333 4/26 Hall-California)
 4835 0426 SABC: Afrikaans church service (442 4/21 Wentzell-MN)(333
 4/14 0400 EE Farmer-TN)(444 4/23 0443 EE T.Hall-CA)
 4990 0413 Radio RSA: EE Wildlife tlks (444 4/21 Wentzell-MN)(353 4/14
 0426* EE Brown-IL)
 9585 2125 R. RSA: EE "P.O. Box 4559" (322 5/4 Farmer-TN)
 9610 0200 R. RSA: IS, EE s/on, ID's into Nx (545 5/7 T. Hall-CA)//9585
 9715 0200 R. RSA: EE freq anns 15155/11900/9715/5980 (555 4/23
 Wentzell-MN)(454 4/29 0235 EE T. Hall-CA)
 11900 0200 R. RSA: IS, EE YL(544 5/4 EE Pettit-IA)(323 4/14 0155 EE Dunn)
 (333 4/21 0200 EE McKinney-PA)(312 4/29 1600 Swahili Miller)
 15115 1955 R. RSA: EE ID for French Service (333 4/26 Cereghin-OH)
 15155 2137 R. RSA: EE "Africa Today" (555 4/2 Hook-FL)
 15220 1512 R. RSA: EE tlks by OM/YL (544 4/17 Miller-CA)
 21535 0620 R. RSA: EE w/"Good Morning Africa" (353 4/20 Proom-GB)
 (453 4/15 0600 EE Tripathi-CA)(323 4/27 1523 EE Grenier-CA)
 (454 4/23 0654 EE T. Hall-CA)(544 4/15 2125 EE Miller-CA)
 25790 1427 R. RSA: EE w/ Rugby match (353 4/26 Wentzell-MN)

SWAZILAND

3240 0305 TWR: Zulu?/EE religious pgms, also on 3200 and 3275 but not
 w/same pgms 3240 w/0330* (233 4/26 Hall-CA)
 4790 *0257 TWR: EE ID, s/on (322 4/11 McLean-NY)(343 4/16 Hall-CA)
 11710 ???? TWR: EE IS/ID (333 4/15 Witte-CA)

TOGO

5047 *0525 RTT: FF/Vern s/on, pgms (444 4/11 McLean-NY)(322 4/13 *0530
 Cohen-PA)(433 4/13 2302 FF Yajko-PA)(333 4/13 0545 FF Witte)

TRANSKEI

7160 0539 Capital Radio: EE DJ style pgm, ID's (231 5/4 Donly-SC)

TUNISIA

7225 0430 RTT: AA chants (222 4/27 Cohen-PA) //15225

ZAMBIA

4910T 0440 ZBS: EE nx by OM report on Zimbabwe, faded fast (232 4/25 Hall)

ZIMBABWE

3396 0411 ZBC: EE OM world nx, ID (433 4/12 Cohen-PA)(Witte-CA)(Pettit)

"LISTEN TO THE WORLD ON SW RADIO"

AFRICAN DRUMBEAT

TWR-SWAZILAND (direct) Christians in Africa had been hoping and praying for the opportunity to establish a Christian radio station in southern Africa for many years. When His Majesty, King Sobhuza II of Swaziland, granted a broadcasting permit to TWR their prayers were answered. After considerable research in the country, land was purchased in October, 1973 and construction got under way in November 1973 on the Mpangela Ranch, 40 km north-east of Manzini. A storage building was constructed from which the first transmissions took place. Construction of the transmitter building began in January 1974 and two 25 kW transmitters were installed. This building was enlarged the following year to 29 x 23 meters and two more 25 kW xmtrs were added. Besides housing the four transmitters, space for engineering offices for the staff was provided. The four 25 kW transmitters utilised at the site were originally given to TWR in 1970 and commenced operation in 1974. Swazi Electricity Board supplies the electrical power for the transmitters, while two diesel generators-a Cummins 120 kW and a Dorman 240 kW unit-are used for standby electricity supply. In September 1979, a new 100 kW transmitter was installed at the transmitter site. This is a class C plate modulated shortwave transmitter, designed and built by Continental Electronics of Dallas, Texas, and is capable of operating between 3 and 26 MHz. The three output valves (Tubes) are vapour-phase (steam) cooled and are able to dissipate 100,000 watts of heat each. The transmitter has ten pre-set channels and can change bands in less than one minute. Because of its capacity to provide considerably extended coverage, its main purpose will be to push signals further north into central and east Africa. It is linked to a complex 4 x 4 curtain antenna directed to the North. The aerial is capable of being slewed 30 degrees either side of center, providing even more focusing of the signal on to specific target areas. Ten transmitting aerials are presently in use and beam broadcasts from the Sahara to the Cape. Eleven towers ranging from 33.5 meters to 74 meters in height, support the various antennas. There are nine log periodic antennas and of these four are short range and are beamed to South Africa, Zimbabwe and Mozambique. The remaining five are medium range antennas and are directed towards Madagascar, central Africa, Angola and the Cape region. One high gain curtain antenna, with a switchable beam (343,13,43 degrees) reached out to north and central Africa, east Africa and India. Patterns are switchable by remote control from the transmitter building. This antenna system was designed by Technology for Communications International, (TCI) located in Mountain View, California. Trans World Radio, with studios and offices located in Manzini, is situated in the Swaziland middle veld. Four studios are utilised for program production and music recording. In the production studios, programs are assembled using Chilton mixing consoles and Revox and Studer tape recorders. Musical groups from Swaziland and surrounding areas are brought to the music studio, providing additional recordings for TWR's African music library. To keep their programming of top quality TWR Editing department reviews the programs for defects or poor quality production before broadcast. The end results are programs in 21 languages, prepared with a varied audience in mind and broadcast to the African continent, south of the Sahara. The multi-racial staff of fifty, engaged in production, operating and administrative tasks, all have a personal experience of the message TWR transmits.....From the newest schedule effective March 2.....the following shortwave frequencies are in use by TWR-Swaziland.....15135/15195/15410/11760/11840/11910/11920/11955/11965/9530/9570/9590/9640/9720/9725/9730/7160/7195/7215/7235/7255/7260/7280/5950/6070/4760/4790/5055/3200/3240/3275/ and 3365.....English programs are scheduled daily from 0630-0830/0845-1035/1400-1615/1730-1900/1800-1900/2000-2120 in the 60,41/31,25/31/25/41/49 meterbands respectively...exact frequencies are constantly changing.....

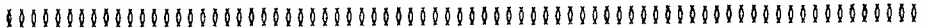
World wide coverage of TransWorldRadio

Trans World Radio
PO Box 64, Manzini, Swaziland
PO Box 21514, Nairobi, Kenya

AFRICAN DRUMBEAT

The following information comes our way courtesy of Richard Ginbey in South Africa.....ALGERIA: The Arabic Service of RTVA at 0400 is noted on 9610 and 15165 kHz. The latter varies and is nominally, 15160.....ANGOLA: RNA is currently on 7215 kHz in the 41 meterband beginning transmissions at 0400.....BOTSWANA: The United States of America has signed an agreement with the government of Botswana for the erection of a Voice of America relay station. The new station, VOA's third on the African continent, will be designed to reach a wider audience in Southern Africa, where signals are currently weak. No mention has been made of the location of the new relay base but previous reports have suggested Francistown. Radio Botswana will also benefit from the agreement, a 5 kW FM transmitter, will carry their programs, presumably from the same site. Also Radio Botswana has added an extra 45 minutes to their schedule, no longer closing between 1415 and 1500. The current SW schedule is as follows: 3356 kHz 0400-0630 (Thu-Sun 0530), 1455-2100; 4845 kHz 0400-0630,1425-2100; 5965 kHz 0900 (Thu-Sun 0540)-1445; 9590 kHz 0900-(Thu-Sun 0640)-1415. During school terms the Mon-Wed period follows the same schedule as for thu-Sun.....KENYA: The Voice of Kenya on 4934 kHz currently excellent at sign-on 0330 also has an early fade in at 1430, 4915 from Nairobi can be heard at 0300. However the poorly modulated 4804 kHz is seldom heard.....MADAGASCAR: The external service of Radio Madagascar now runs from 1700-1930 on 5010 and 6135 kHz carrying programs in English and Southern Africa vernaculars. The Home Service in French between 1845 and 2100 can be heard on 3285 kHz.....MALAWI: The Malawi Broadcasting Corporation has made a switchover change to their SW schedule. The 100 kW transmitter on 7130 kHz now closes at 1535, reopening at 1545 on 3380 kHz.....MOZAMBIQUE: The first ten minutes of Radio Mozambique External Service transmission in English at 1800 is also relayed by the domestic 'C' program. The 19 meterband outlet of Radio Mozambique continues to wander 15295/15298/15305/15310/15410/15413/15465/15470 and 15472kHz alternate daily. Sign-on is at 0630 daily.TANZANIA: Radio Tanzania's 9750kHz frequency carries the following transmissions; External Service in English 0900-1030 (Sat/Sun 1530); Schools Bcst in English/Swahili, 1200-1300, and the Commercial Service 1300-1500 (mon-fri).....TRANSKEI: Capital Radio is back on 3950 kHz 0300(Sat/Sun 0400)-0530 and 1630-2300; 7160 kHz has returned to its previous 0530-1630 schedule. The 50 kW shortwave transmitter has not yet arrived in Transkei so it will be a few more months yet before there will be any overall change in SW.....UGANDA: The home service of Radio Uganda is noted on 4976kHz at 0300 with a much better signal than previously, there is no sign of 5026 kHz also scheduled at this time.....

"LISTEN TO THE WORLD ON SHORTWAVE RADIO"
" TELL A FRIEND ABOUT SPEEDX"



The following information comes from the BBC Monitoring Service and therefore cannot be used/reproduced without the BBCMS permission:

ZAIRE: The regional station in Bukavu was observed signing off with anns in a vernacular language and French at 1910 on 4839.5 kHz. The closing announcement stated that the station would be on the air again at 6 o' clock, presumably 0400 GMT.....NIGERIA: National Broadcasting in Nigeria is divided into four zones with broadcasting centers in Lagos, Enugu, Ibadan and Kaduna...The following FRGN centers are using these frequencies: LAGOS: 7275/4990kHz.....ENUGU: 6025/4750.....IBADAN: 6050.....KADUNA: 6090 kHz..... All except Kaduna operate 0430-2305v, Kaduna is on the air 0428-2315v

The following items appear courtesy of Sweden Calling DX'ers:.....ETHIOPIA: The Voice of Revolutionary Ethiopia has been heard with an EE transmission 1500-1600 on 7165 kHz (Bob Hill-CA)The Union of Asia DX'ers has published a new issue of its Afro/Asian/Pacific Survey of Broadcasting Stations in the Tropical bands, it's available for 5 IRC's airmail, write: Victor Goonetilleke, 32/4a Malwatte Rd., Dehiwala, Sri Lanka.

73's Wayne

xx
That's about all the room I have this month....hope everyone is enjoying gud DX, for those going have a good time at ANARC 1980.....73's

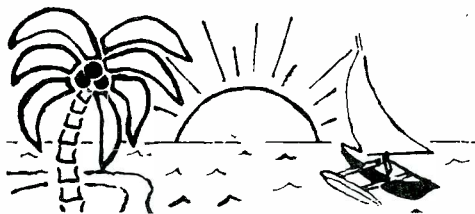
ASIA-OCEANIA

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DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT

0000=sign on 0000=sign off



ASIA

AFGHANISTAN

15075 *1900 R. Afghanistan: EE nx, cmtly on the rioting students in kabul, mx, BBC QRH (222 5/10 Bickel-CA)(Lippmann-FL)(Roman-ALB)(Cunningham-OH)(Calver-ENG)

CHINA

7504 1022 Beijing 1: CC w/ CN/YL tkl, oriental mx, play? (4/19 Brewer-TN)
9064 0945 Beijing 1: CC mx, short YL ancmt, mx (443+ 4/26 Famularo-CA)
9470 1211 R. Feking: CC tkl by YL (344 4/19 Yajko-FA)(Dilk-NJ)
9945 1223 RF: Viet. w/ CC mx, Viet tkl (333 4/19 Yajko-FA)
11040 1133 Beijing 2: CC tkl by YL, Soviet Fulser QRH. (533 4/15 Miller-CA)
11505, 1040 Beijing 2: CC tkl by CN, drama pgm? (333 4/27 Yajko-PA)
11650 1400 RF: EE ID, nx by YL on Iran (434 4/13 Miller-CA)
11695 2030 RF: SS IL w/ nx by CN (322 4/12 McLean-NY)
11945 1200 RF: EE nx, cmtly, mx, "Culture in CC" (343 4/17 Fraser-MA)(Kegel-IL)(Miller-CA)
15045 1850 RF: CC OR w/ opera songs, Western mx (322 4/26 Smith-CA)
15100 1750 RF: CC w/ Western orchestral mx (353 5/4 Smith-CA)
15120 1655 RF: EE YL w/ pop mx, ID by CN @ 1700, into CC (544 4/21 Valentine-CA)(Smith)
15125 1005 RP: EE w/ CC lessons, ID, mx, // 11725, 17635 (232 4/23 Audette-IA)
15155 1803 RF: CC w/ CN/YL tkl (222 5/4 Smith-CA)
15520 *0000 RF: EE IS, ID, wld. nx (344 4/1 Wampler-VA)(Hauser-TN)(Farmer-TN)(Berkholtz)
15600 0216 RP: EE nx (333 4/12 Lindley-AL) How abt. a few more details Terry?.....jwm
17635 1018 RF: EE w/ CC lessons, tkl on CC folklore, ID, 1025* (433 4/23 Audette-IA)
17650t 0213 RF: Lang. w/ YL tkl in some CC dialect, very fluttery (232 4/24 Blaize-IA)
17680 0100 RF: EE ID, nx on Russia, cmtly on Asia and the ME, lost signal @ 0130 (322 4/21 Whetzel-IL)(Heyman-NY)(Berkholtz-IL)(Cereghin-ED)(Fokatiloff-IL)(Elaize)
17855 0000 RF: EE IS, IL, nx, tkl on CC culture, CC mx (444 4/28 Cohen-IA)(Audette-IA)++

CYPRUS

9695 2214 GBC: Greek w/ guitar IS, ID by CN, nx, Greek mx, tkl (444 4/27 Audette-IA)
15380 0100 BBC relay: EE "Jolly Good Show" pgm (354 4/23 Huddleston-TX)(Miller-CA)

INDIA

3223 2335 AIR Simla: AA chants, CN ancmts (4/10 Brewer-TN) I take it that you mean 3223 instead of 3322. Probably just a typo. Sorry for the deletion last month...jwm
4820t 0356 AIR Calcutta: EE w/ discussion w/ 2 OR's, rock mx interspersed (342 5/4 Thompson-CA)
11620 2210 AIR: EE nx by YL, ID, cmtly by OR. (433 4/11 McLean-NY)(Roman-ALB)(Heyman-NY)(Kneaskern-NY)(Berkholtz-IL)(Whetzel-IN)
11850 1220 AIR: EE ID, pgm preview, wx forecast, TC, ID, brief nx, into lang. @ 1235 (4/18 Walcutt-PA)
15110 *2045 AIR: EE pgm of Indian mx, ID @ 2059, nx by YL (343 4/24 Donly-SC)(Audette-IA)(Tripathi-CA)(Smith-FL)(Roman-ALB)
15205 1045 AIR: EE local mx, press review, nx, GCS to A/NZ (333 4/7 Zilmer-IL)(Audette-IA)(Tripathi-CA)
15335 1415 AIR: EE Indian mx, ID @ 1420 (434 4/13 O'Brien-AUS)(Bickel-CA)(Tripathi-CA)
17705 0330 AIR: Hindi w/ freq. ancmts, nx @ 0335 (322 4/13 Tripathi-CA)
21695 1030 AIR: EE w/ Indian mx, cmtly by CN on Bicycle Production in India, instr. mx, ID (444 4/23 Audette-IA)

INDONESIA

3325 1216 RRI Talangkaraya: Indo w/ OR tkl, Western mx, ID @ 1332, not // 4719 this date/time (353 4/13 Hardester-CA)
4752 1333 RRI Ujung Pandang: Indo w/ pop mx, ID (333 4/23 Roman-ALB)

DEPARTEMEN PENERANGAN R.I.

INDONESIA (continued)

11790 1444 VOI: EE mx, ID by YL, QRM (422 4/29 Heyman-NY)(Miller-CA)(Moman-ALB)
15290 0856 VOI: EE w/ nx recap, ID, YL w/ closing ancmts, IS (242 4/13 Lippmann-FL)

IRAN

9022 *1930 VOIRI: EE w/ nx on elections in Iran (444 3/14 Rubin-MA)(Wentzell-MN)(Berkholtz)
15084 2358 VOIRI: Farsi w/ discussion btwn. 2 OM's (333 4/26 Dunn-CA)(Thompson-NN)(444
Stone-ONT)(Earhart-PA)(Dilk-NJ)(Heyman-NY)(Smith-CA)(Berkholtz-MN)(Wentzell-MN)

IRAQ

9745 2225 R. Baghdad: EE w/ Iraqi mx, sked given, ID, NA, IS, 2229* (222 4/20 Cereghin)
(Moman-ALB)(Heyman-NY)(Kneaskern-NY)

R. B. I.

ISRAEL

9372 0454 IBA: Hebrew w/ nx (444 2/26 Berkholtz-MN) 2/26????.....
9815 0058 IBA: EE IS, ID's, freqs. given, nx, mx, 0125* (454 4/29 Thompson-NM)(Smith-FL)
(Ya.jko-PA)(Cereghin-MD)(Wentzell-MN)
11610 2000 IBA: EE ID, nx, tlk on West Bank (333 3/25 Hodsdon-MN)(Audette-MA)
11637 2234 IBA: EE ID, nx, pgm on Passover (444 3/31 Wampler-VA)(Thompson-CA)(T. Hall-CA)
(Stone-ONT)(Cereghin-MD)(McLean-NY)(Dilk-NJ)
11655 2232 IBA: Hebrew/EE nx (333 3/2 Berkholtz-MN)(Levin-NJ)
15105 0515 IBA: EE w/ the end of the wld. nx (433 4/17 Lindley-AL)
15390 *0400 IBA: Hebrew s/son, nx, // 11655: (444 4/18 Levin-NY)
15415 0500 IBA: EE ID, nx, press review (434 4/14 Whetzel-IN)
15582 0100 IBA: EE "Israel Mosaic": tlk on preparations for the coming Passover, lively
nx (555 4/1 Stone-ONT)(Miller-CA)(Somers-CA)(Whetzel-IN)(Valentine-CA)(T. Hall)
15615 2100 IBA: Hebrew nx (222 4/26 Levin-NJ)
17615 1202 IBA: EE nx by OM, wx, ads, "This Week", // 17560 (232 4/23 Audette-MA)
17630 1900 IBA: Hebrew w/ opening of Independence Day celebration (434 4/20 Levin-NJ)
17645 2000 IBA: EE "C.A.L." and DX Corner (544 4/13 Conover-KY)(Miller-CA)(Levin-NJ)
17685 1627 IBA: Hebrew IS, TP's, ID, jammed (222 4/12 Hodsdon-MN)
21625 1801 IBA: Yiddish nx (333 3/30 Berkholtz-MN)
21710 2258 IBA: EE OM w/ nx, ID, s/off, pips @ 2300, freqs. given, into lang. (242 4/29
Lucas-CA)(Cucura-PA)(Lindley-AL)

JAPAN

3910 1115 FEN: EE w/ pop mx by Pink Floyd (none other than "Another Brick on the Wall"
Jwm), ads for military recruitment (444 4/23 T. Hall-CA)(Moman-ALB)(Tripathi)
3925 0905 NSB: EE/JJ w/ EE interview, JJ lessons (453 5/2 Tripathi-CA)
6055 1255 NSB: JJ tlk by YL, mx, ID's, ads (544 5/1 Miller-CA)
9505 1000 RJ: EE IS, ID, anthem, freqs. given, cmty (433 4/26 Smith-FL)(Thompson-CA)
(T. Hall-CA)(Farmer-TN)(Tripathi-CA)
9595 1350 NSB: EE/JJ w/ R. California pgm, caught end of phone call to CA @ 1350, pop
mx (444 4/23 Moman-ALB)(Miller-CA)
9675 1140 RJ: EE w/ JJ lessons by OM/YL, ID, // 11825 (333 4/11 Boehm-TX)
11750 0755 FEN: EE pop mx, ads, wx report for JJ, nx on the hour (343 3/18 Pitts-UT)(Witte)
11815 1300 RJ: EE ID, wld. nx, "Current Events", into JJ @ 1315 (432 5/2 Miller-CA)(Bickel)
11875 0931 RJ: EE nx, ID, tlk of the Nat'l Budget, mx (333 4/19 Smith-FL)
15135 1800 RJ: GC ID, nx, mx @ 1820 (544 4/15 Miller-CA)
15235 2205 RJ: EE OM w/ wld. nx, ID (444 4/12 Stone-ONT)
15245 *0655 RJ: EE IS, ID, nx, QRM de RH, // 15270 (222 4/29 Munster-GA)
15260 0735 FEN: EE mx, ads, JJ lesson, ID (343 3/24 Pitts-UT)
15270 0710 RJ: EE "Current Affairs": cmty on the Olympics (354 4/28 Van Beurden-CA)(322
McLean-NY)(Somers-CA)(Grenier-CA)
15310 1304 RJ: EE wld. nx, tlk on making dictionaries (332 4/24 Dilk-NJ)(Moman-ALB)(Calver)
15435 0715 RJ: JJ ID, best in some time (343 5/5 Munster-GA)
17755 0004 RJ: EE nx by OM, ID/freqs., more nx (243 4/14 Heyman-NY)(Miller-CA)
17795 0856 RJ: EE w/ GS IS, EE/JJ ID's (444 4/22 T. Hall-CA)
17825 0130 RJ: EE nx, cmty, "Hello America" (434 4/13 Miller-CA)
21640 0215 RJ: EE w/ Asian nx, interview w/ univ. prof. (443 4/19 Byron-NY)(Earhart-PA)+

RADIO JAPAN

KAMPUCHEA

9694 *1200 VOKP: EE IS, ID: "This is VOKP, broadcasting from Phnom-Penh", freqs. given,
wld. nx, // 11938 (343 4/10 Lippmann-FL)(Hall-CA)(Moman-ALB)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

2850 1235 KCBS: KK w/ tlk by OM, heroic mx, pips @ 1300, // 11350 (343! 4/25 Lucas-CA)
9420 1149 R. Pyongyang: SS w/ SS pgm (454 4/28 Wentzell-MN)
9977 1135 RP: EE nx, mx, "Salute to the Great Leader" (353 4/15 Fraser-MA)(Farmer-TN)(454
Tripathi-CA)(Miller-CA)(Ya.jko-PA)(Wentzell-MN)(Dilk-NJ)
11885 1550 RP: EE w/ OM tlk on the Technical Revolution (543 5/1 Thompson-CA)

PEOPLE'S REPUBLIC OF KOREA

6015m*0900 KBS: Kk nx, cmt, mx, heard until 1330 (242 3/13 Fitts-UT) Any ID??.....jwn
 7275 1025 R. Korea: LE/Lang. w/ EE pgm ID, mx @ 1030, into lang. (444 4/27 Tripathi-CA)
 9570 1016 RK: EE w/ nx by YL abt. kk (433 4/21 Nikolich-IL)(Audette-MA)
 9640 0843 RK: CC w/ mx, songs, short ancmnt, ID (342+ 4/19 Famularo-CA)
 9720 1527 RK: EE IS, ID, multi-lang. ID, anthem, kk nx, EE @ 1600 (333 4/12 Hodsdon-EN)+
 9815 1305 RK: LL YL w/ listener's letters, kk pop mx, request for reports (444 4/21
 i'crbes-TX)(Davenport-TN)(Thompson-CA)(Peters-KY)(Dilk-NJ)(Farmer-TN)(Wentzell)
 11725 *1000 RK: EE w/ s/on, nx, cmt, mx (444 4/26 Famularo-CA)(Van Beurden-CA)
 11810 0735 RK: EE w/ nx by OM, ID, editorial, pgm on KK culture (333 4/24 Audette-MA)
 11830 1600 RK: EE ID, nx, cmt, "Listener's Letters" (322 4/28 Whetzel-IN)(Berkholtz-MN)
 15570 1252 RK: EE ID, OM w/ nx, tlk on fishing (322 4/18 Hodsdon-MN)

KUWAIT

11665 2000 R. Kuwait: EE w/ pgm of jazz mx, YL anncr (444 4/23 Ricciuto-NY)(Stone-ONT)
 (Koman-ALB)(Dilk-NJ)(Seymour-NC)
 15125 1750 RK: AA w/ ME mx, ID by OM @ 1800, AA tlk (243 4/8 Heyman-NY)
 21545 0530 RK: EE mx, nx, wx, "Arabs and the Sea" pgm (333 5/4 Loren-CA)(Koman-ALB)(Hauser)

LEBANON

11820 0233 R. Lebanon: EE RL here ex-11785, audible opening EE @ 0233, mostly under BBC.
 Lebanon thus maintains its record of picking the worst possible frequencies
 for its NAM service (4/30 Hauser-TN)(Donly-SC)

MALAYSIA (Peninsular)

4845 1327 RTM: Kuala Lumpur: Bahasa w/ YL anncr, M&W mx, ID on hour, co-channel QRM (4/13
 Hardester-CA)
 9665 1108 RTM KL: EE w/ market reports by OM, EZL mx, OM w/ ID, into lang. @ 1130 (333
 4/11 Boehm-TX)
 15295 0832 V. of Malaysia: EE wld. nx, ID @ 0835, TC, closing ancmnt, 0855* (344 Lippmann)

Sarawak

4950 1434 RTMS Kuching: EE YL w/ wld. nx, ID @ 1435, classical mx (222 4/24 O'Brien-AUS)
 (Grenier-CA)(Miller-CA)
 7160 1406 RTMS Kuching: EM "Tennessee Waltz" and other pop mx, ID as "R. Kuching", local
 nx, some Malay? (433 5/1 Lucas-CA)(Grenier-CA)

Radio Maldives
 MALE, REPUBLIC OF MALDIVES

MALDIVES

4754t 0315 R. Maldives: Maldivian? w/ island/rock mx, ancmnt (fair 4/24 Brewer-TN)

MONGOLIA

12070 *1220 RUB: EE IS to 1221, then ID by YL, gentle mx, pgm preview and nx by OM (222
 4/5 Cunningham-OH)(Lippmann-FL)(Hauser-TN)(Nikolich-IL)(Koman-ALB)

OMAN

15310 1300 BBC relay: EE nx, cmt, "Come Here" @ 1315 (343 3/22 Seymour-NC)(Westbrook-FRG)

PAKISTAN

9460 1701 R. Pakistan: EE w/ nx by OM, CW QRM (222 4/10 Westbrook-FRG)
 17640 1938 RF: FF w/ local mx, nx by OM, FF pop vocals (333 4/26 Thompson-CA)(Berkholtz-MN)
 17835 0240 RF: EE nx, 0246* (454 4/21 Korneke-VA)(Huddleston-TX)
 21485 1611 RF: EE w/ slo-speed nx, ID, 1615*, QRM de VOA, // 17910, 21755 (333 Audette-MA)
 21590 0336 RF: Paris w/ wld. nx, mx, ancmnt, ID @ 0400 (333 4/23 Baker-DEL)(Koman-ALB)
 (Korneke-VA)(Huddleston-TX)(Rubin-MA)(Witte-CA)(Tripathi-CA)
 21755 1600 RF: EE ID, nx, definite ID, background QRM w/ QSB (311 4/15 Whetzel-IN)++

PHILIPPINES

9580 0948 R. Filipinas: EE w/ pgm review, QTH given, 0950* (444 4/23 Van Beurden-CA)(232
 Koman-ALB)(T. Hall-CA)
 9715 *1615 FEBC: RR rel. pgm w/ mx/singing, OM anncr (333 5/11 Bickel-CA)
 11775 1105 RVA: CC tlk, mx, audible under BBC (423 4/27 Miller-CA)
 11935 1235 RVA: JJ tlk by OM/YL, mx, clear ID, much QRM (534 4/30 Miller-CA)
 15215 1430 RVA: EE w/ RVA DX pgm w/ YL anncr, wld. nx (444 4/28 Miller-CA)
 15290 2230 VOA relay: EE "Breakfast Show" pgm (232 4/17 Westbrook-FRG)
 15385 1640 FEBC: CC w/ EE ID @ 1645, IS, 1646*, good signal (444 4/20 Evans-TN)(Thompson)
 15440 1515 FEBC: EE w/ rel. pgm, ID, TC (322 4/16 Koman-ALB)
 17810 0035 FEBC: EE rel. tlk, ID (323 4/14 Miller-CA)
 21610 1830 VCA relay: EE YL w/ "Request Time", pop mx, listener greetings (232 4/25 Audette)

SAUDI ARABIA

15060 2218 BSUSA: AA local mx, ID by OM, nx @ 2230 (433 4/5 Heyman-NY)(Wentzell-MN)(444
 Koman-ALB)(Stone-ONT)(Cereghin-OH)(Thompson-NI)(Beres-CT)

SAUDI ARABIA (continued)

21605 2115 BGKSA: AA OM w/ AA mx, clear signal (4/4 5/4 Smith-CA)

SINGAPORE11940 1404 R. Singapore: EE ID, relay of BBC pgm (444 4/20 Grenier-CA)(Miller-CA)(Brewer)
15360 0405 BBC relay: EE nx abt. Clympics/Iran sanctions (good 4/13 Brewer-TX)(Smith-CA)SRI LANKA9720 1257 SLBC: EE OM w/ QTH, mx, nx, TC, LD, freqs. given (433 4/22 Forbes-TX)
11800 1225 SLBC: Tamil songs, QRM de AFRTS, nx @ 1230, mx (332 4/15 Tripathi-CA)
11835 1105 SLBC: EE w/ "R. M. I.", station profile: STBC, DX nx, DX digest, QTH given, ID, TC, QRM de 4VEH (322 5/4 Audette-NA)TAIWAN11745 1245 VOFC: CC tlk by YL, CC mx, very strong signal (555 5/2 Miller-CA)(Forbes-TX)
15270 2220 VOFC: EE ID, severe co-channel QRM (311 4/23 Roman-ALB)(Miller-CA)THAILAND

9655 1115 R. Thailand: EE YL w/ ID: "This is R. Thailand", ½ hour of oriental mx (242 4/20 Van Beurden-CA)

LA VOIX DE LA TURQUIE

TURKEY6340 1756 Turkiye Polis R.: Turkish w/ "Scarborough Fair" mx, ID, 1800* (343 3/30 Calver-ENG)
7215 2237 VOT: EE "Oldies but Goodies" pgm, // 11955, 9515 (333 4/23 Roman-AIB)
9515 2205 VOT: EE nx by YL, ID, "Review of Turkish Press": tlk on Vance's resignation (433 4/29 Heyman-NY)(Westbrook-FRG)(Newton-CA)(Kneaskern-NY)
11955m*2030 VOT: EE nx, "Review of Turkish Press", "DX Corner", "Saturday Special" pop mx pgm (444 3/15 Pitts-UT)(Dilk-NJ)(Yajko-IA)(McLean-NY)(Fraser-IA)(Roman)++
15250 2256 VOT: Hrd closing on 11955 that VOT was using this freq. to A/WZ (ex-9550) and I could detect it here by paralleling (Hauser-TN)
15360 2200 VOT: EE nx by YL, "Turkish Mythology" (534 5/5 Pettit-IA) **ANKARA**UNION OF SOVIET SOCIALIST REPUBLICS4040 1045 Vladivostok: RR mx w/ jazz, OM ancmts (444 4/17 Hall-CA)
5015 0937 Vladivostok: RR w/ ID by OM, classical mx (444 4/26 Famularo-CA)
5940 0830 R. Magadan: RR tlk by OM, mx, ancmt by YL (453 4/19 Tripathi-CA)
7175 1540 RMWS/khabarovsk: EE w/ mx by symphony, YL ancmts, nx @ 1600 (545 4/16 Miller)
9580 0700 RM/Blagoveschensk: EE wld. nx, "Moscow Mailbag", VOP QRM (544 4/13 Miller-CA)
9790 1226 RM/?: LE w/ "Moscow Mailbag", TC's, wld. nx (444 4/23 T. Hall-CA)
11960 0700 RM/khabarovsk: EE nx by OM on Afghanistan/U.S. situation (353 4/24 Munster-CA)(Smith-CA)
12050 0730 RM/khabarovsk: EE w/ NAM svce., nx in brief (352 4/29 Munster-CA)
15110 0542 RM/Krasnoarsk: RR carrying Majak pgm, RR ballads, 0600* (333 4/19 Smith-CA)
15140 1405 RM/Petropavlovsk: EE ID, nx by OM, cmt (322 2/23 Hodsdon-TN)(Smith-CA)
15180 0406 RM/Petropavlovsk: EE OM/YL w/ nx in RR (why EE lang? jwm) (222 4/30 Smith-CA)
15245 1811 RM/Petropavlovsk: EE YL w/ tlk on all disarmament proposals (444 5/4 Smith-CA)
15455 0400 RM/Petropavlovsk: EE nx, // 15180 (333 3/31 Zilmer-WI)
17775 0820 RM/Krasnoarsk: LE "Magazine" pgm, nx in brief (353 ??? Munster-CA)(Smith-FL)
17880 0803 RM/Irkutsk: EE nx, ID, "Guest Speaker" pgm (333 3/6 Smith-FL)
21480 0610 RM/?: LE w/ wld svce. pgm, nx, cmt (333 3/7 T. Hall-CA)Kazakh S. S. R.11905 1927 RM/Alma Ata: EE OM tlk on the rate of growth of Soviet industrial production (333 5/4 Smith-CA)
15535 2200 RM/Alma Ata: EE nx (343 3/29 Zilmer-WI) Believe this is from Frunze.....jwmKirghiz S. S. R.

15535 1910 RMWS/Frunze: EE OM w/ tlk on the Cuban Prime Minister (242 5/4 Smith-CA)

Uzbek S. S. R.11835a 1505 RMWS/Tashkent: EE ID w/ usual "hard sell" propaganda (322 4/21 Whetzel-IN)
15460 2300 RMWS/Tashkent: On 4/23 when summer freqs. changes were made, RMWS also expanded from 19 to 24 hours a day, i.e. staying on the air 2300-0400 while the NAM svce. is on other freqs; this the main freq one audible here during that period (Hauser-TN)

RADIO TASHKENT

UNITED ARAB EMIRATES21485 0516 RCTV Dubai: AA mx to 0529, ad for "Lixie Cola" w/ EE "Jingle", ID @ 0530, "Family World" pgm (454 4/30 Donly-SC) Wish I could hear them here!.....jwm
21500 0950 RCTV Dubai: AA chants, abruptly off, no ID (poor 4/26 Brewer-TX)

VIETNAM

10010t 2238 VOV: CC w/ t/k by YL, singing, no IL heard but have reasonable justification (222 4/5 Heyman-NY)
 10040 1530 VOV: EE wld. nx, ID, mx, O/ YL ancmts (222 4/27 Cunningham-CA)(Miller-CA)
 14990 1940 VOV: FF back on this freq. w/ O/ YL t/k, oriental mx, // 15012 (332 Famularo)
 15012 1816 VOV: EE ID, O/ YL t/k on solidarity w/ USSR (222 4/13 Hodsdon-MN)(McLean-NY)
 (Moman-ALB)(Heyman-NY)(Smith-CA)(Valentine-CA)(Miller-CA)

YEMEN

9780 0345 R. San'a: AA chanting, t/k, singing (222 4/21 Cohen-PA)(Eddie-MO)

OCEANIA

AUSTRALIA

4920 0650 ABC Brisbane: EE w/ South Seas mx, nx, static (433 4/14 Witte-CA)
 5995 0737 RA/Lyndhurst: EE nx by OM, ID (233 4/9 Heyman-NY)(Wentzell-MN)(T. Hall-CA)
 6060 1435 RA/Shepparton: EE cmty on the CC New Year, mx (333 3/8 Berkholtz-MN)
 9570 0831 RA/S: EE w/ PNG svce., local TC, nx (222 4/26 Cereghin-OH)(Wentzell-MN)
 9580 1200 RA/S: EE ID, nx, mbag, wx, mx, "Mailbag" @ 1240, t/k on new QSL policy (444 4/21 Whetzel-IN)(Jilk-NJ)(Smith-FL)(Farmer-TN)(Godfrey-ONT)(Wentzell-MN)
 9610 1225 ABC Wanneroo: EE w/ pop mx from the 40's, OM anncr (323 4/26 Farmer-TN)(333 Moman-ALB)(Wentzell-MN)(Godfrey-ONT)
 9660 0700 ABC Brisbane: EE nx, mx (343 4/13 Eddie-MO)
 9680 1140 ABC Melbourne: EE w/ pgm of Indian mx (252 4/24 Fraser-MA)(Audette-MA)(Eddie)
 9770 1300 RA/S: EE ID's, freqs. given, wld. Aussie nx, "Focus on Australia" (454 4/28 Thompson-NM)(Miller-CA)(T. Hall-CA)
 11705 1230 RA/S: EE nx, "Mailbag" pgm (343 4/20 Yajko-PA)(Moman-ALB)(Wentzell-MN)
 11740 0755 RA/S: EE IS: "Waltzing Matilda", *0800, nx (333 4/20 Kneaskern-NY)(Pokatiloff)
 15145 0654 RA/S: EE TC by OM, ID, "Australia Today", mx (333 4/8 Heyman-NY)(Cereghin-WV)
 (Pokatiloff-IL)(McKinney-PA)
 15160 0624 RA/L: EE w/ sports by OM, mx (444 4/12 Pokatiloff-IL)(Heyman-NY)(Miller-CA)+
 15230 0720 RA/L: EE w/ horse race results, 0815* (354 4/25 Van Beurden-CA)
 15320 0418 RA/S: EE wld. nx by YL anncr (333 4/20 Lindley-AL)
 15425 0049 ABC Wanneroo: EE wld. nx, TC, nx, regional wx, ID (222 4/4 Cunningham-OH)(353 Eddie-MO)(Van Beurden-CA)
 17725 0706 RA/S: EE wld. nx by OM, Aussie nx, ID, "Focus on Australia" (433 4/22 Audette)+
 17795 1407 RA/S: EE nx, ID, "Intern. Report" (443 4/21 Smith-FL)(Lindley-AL)(Stone-ONT)
 (Miller-CA)(Pokatiloff-IL)(Grenier-CA)
 21525 *0500 RA/S: EE/FF ID, pgm in FF (243 4/17 Moman-ALB)(Grenier-CA)
 21570 0755 RA/Carnarvon: EE mx, ID by OM w/ freqs., TC, nx, // 21680 (232 4/24 Audette-MA)
 21630 1910 RA/C: EE ID, TC, t/k on U.S./Iran relations (444 4/10 Westbrook-FRG)(Conover)
 (Smith-FL)(Ricciuto-NY)
 21650 0431 RA/S: EE w/ pop mx, request pgm, YL anncr, // 17795, 17755 (444 3/31 Moman-ALB)
 (T. Hall-CA)(Wentzell-MN)
 21660 1120 RA/S: EE "Focus on Australia", "Editorial Opinion" (433 4/22 Audette-MA)(Moman)
 21680 0602 RA/S: EE ID, nx, mx (322 4/27 Smith-FL)(Proom-ENG)
 21740 0056 RA/S: FF/EE w/ orchestral mx, into EE @ 0100 w/ ID, IS, nx, signal got better after time (332 4/25 Earhart-PA)(Lindley-AL)(Tripathi-UA)(Berkholtz-MN)(Wentzell)

GUAM

11840 *0815 KTRW: EE s/on w/ ID, mx to 0830, rel. pgm (good 4/26 Brewer-TN)(McLean-NY)(T. Hall-CA)

NEW CALEDONIA

3355 1300 R. Noumea: FF w/ s/off @ 1307, anthem (544 4/12 O'Brien-AUS)
 7170 0620 RN: FF w/ American pops + disco, ARC QRH (343 4/25 Van Beurden-CA)(Brewer-TN)
 (Cohen-PA)(Moman-ALB)
 9510 0715 RN: FF w/ interview, some mx (444 4/27 Eddie-MO)

NEW HEBRIDES

3945 0845 R. Vila: FF pop mx, ads, O/ YL t/k, NSB splatter (333 4/22 Witte-CA)
 7260 0900 RV: FF w/ pop mx, O/ DJ, occasional Pidgin and EE, ID's, jingles, weak by 0930, // 3945 (4/21 Nikolich-IL)(Rubin-MA)(Brewer-TN)

NEW ZEALAND

6105 0938 RNZ: EE play/drama (333 4/17 Moman-ALB)
 11945 0840 RNZ: EE YL w/ district wx forecasts (434 4/26 T. Hall-CA)
 15345 0530 RNZ: EE w/ listener's letters, ID, nx @ 0600, under special broadcast (323 5/5 Pettit-IA)(Farmer-TN)(Miller-CA)(Godfrey-ONT)(Audette-MA)(Donly-SC)(Smith)
 (Heyman-NY) According to Lani (via Glenn Hauser) the above was a special brd. to the U.S. presented every 1st and 3rd Mondays. A spec. QSL is offered....JWW



NEW ZEALAND (continued)

17860 0530 RNZ: EE w/ "New Zealand Calling" pgm, mx, Arthur Cushen's "DX News" (332 5/5 Donly-SC)(Moman-ALB)(Newton-GA)(Tripathi-CA)

PAFUA NEW GUINEA

2468t 0940 R. Northern District: Pidgin w/ tribal type mx/chants (252 4/24 Moore-IA)
3335 1225 R. East Sepik: EE w/ John Denver mx, ID @ 1230 w/ freqs. (333 4/24 Moman-ALB)
3385 0805 R. East New Britain: Pid/EE w/ mixture of island mx, YL anncr, hymns in EE
from 0830 (433 5/4 Hall-CA)(Moman-ALB)
3905 1030 R. Manus: Pid mx, ancmts (fair 4/26 Brewer-TN)
4890, 0756 NBC Port Moresby: EE ID, mx, ads (222 4/17 Moman-ALB)(Wentzell-MN)

**NATIONAL
BROADCASTING
COMMISSION**

SOCIETY ISLANDS

6135 0730 R. Tahiti: Polynesian island mx, Ch ancmt @ 0809, FF pop mx from 0810, weak signal (333 4/13 Hall-CA)(Hauser-TN)
11825 0730 RT: FF rock mx, Ch. ID: "R. Tahiti" @ 0730, anthem, s/off (454 4/28 Van Beurden-CA)(Moman-ALB)(Audette-IA)
15170 0420 RT: Tahitian w/ lively dance mx, "Big Band" sound, brief tlk by Ch @ 0426, island mx (444 4/11 McLean-NY)(Somers-CA)(Valentine-CA)(Farmer-TN)(Kneaskern)+

SOLONGON ISLANDS

5020 1110 SIBC: EE ID by YL, TC, request pgm w/ pop mx (333 4/2 Cucura-PA)(Moman-ALB) (McLean-NY)
9545 0645 SIBC: Lang. w/ pop mx, heavy static QR: (323 4/27 Witte-CA)

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LATLINE

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Burma-The "Voice of the People of Burma" has continued to broadcast daily from 0030-0230 and 1130-1330 on 7570, according to further observations. The second broadcast is a repeat of the first and each two-hour transmission consists of approximately one hour of material in Burmese and the remainder in other languages--Standard Chinese, Jinghpaw, Karen, Shan and Wa. Transmissions on 6304, 6232 and 5110 appear to have been discontinued. (Ed. note: Has anybody heard this station lately????.....jwm)

China-The Xinjiang People's Broadcasting Station in Urumqi announced that it would make adjustments to the shortwave frequencies of its Standard Chinese service with effect from 7th April. The first and third transmissions would be broadcast on 6120 and 4505, while the second transmission would be heard on 9560, 7335 and 6120 (no transmission times were given).

The Hainan Island People's Broadcasting Station in Haikou announced that its new station timetable would be introduced from 7th April. It would operate on 1188 and 954 from 2100-0030 (not Sun.), 2100-0200 (Sun.) 0250-0600 and 0900-1500. News will be broadcast in Hainanese at 0300, 0410, 0520, 0940 and 1030, and in Standard Chinese at 0330, 0905, 1110 and 1400..... I guess the above would only profitable for the NW L'sers.....sorry.....jwm

Iran-Since 6th April the VOIRI has been observed on 15273 and 9033 instead of 15260 and 9022 respectively. The 15 MHz channel carries the domestic service in Persian from 0530-1530 approximately while the 9 MHz channel is in use from 1530-0530 approximately for domestic service programmes as well as external service transmissions in Turkish, German, English and Persian.

On 8th April the VOIRI's 15084 transmitter also became misaligned. It was found to be radiating on 15093. The transmitter returned briefly to 15084 later that day, but by 9th April it was again broadcasting on 15093.

This situation is believed to be a temporary one and the misaligned transmitters could revert to their nominal channels at any time.....

North Korea-The KCBS, North Korea's domestic service from Pyongyang, has recently been observed from 2000-1800 on a new frequency of 9662.....

Nepal-Since many complaints from listeners had been received on the 90 and 31 metre broadcasts (of RN), there have plans to broadcast during the summer on 30 metres (5065) instead of 90 metres. During the winter Radio Nepal would revert to 90 metres. RN currently broadcasts 85 hours per week on the shortwave bands.....

New Zealand-A recently-received HF frequency schedule shows that Radio New Zealand will use 15485 instead of 15345 from 1900-2200 approximately for the period from 4th May to 7th September.....

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

TRASMISSIONI

BULLETIN DE PROGRAMMES

Editor:
CHRIS LOBDELL
P.O. Box 146
Stoneham, MA 02180

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

All schedules, unless otherwise indicated, are for English programs, and all times are in Greenwich Mean Time (GMT). Also, schedules credited to the "BBCMS" are courtesy of the BBC Monitoring Service, and are used by permission.

AUSTRALIA. Radio Australia J80 sked for North America.
0100-0300 17795, 21740
1100-1300 9580
(M. Hardester)

AUSTRIA. The ORF in Vienna with the new J80 NA sked.
0130-0200 5945, 9770 ECNA
0330-0400 5945, 9770 " "
0430-0500 12015 WCNA
1230-1300 15290 ECNA
(R. Munster, R. Whetzel, B. Zilmer).

CHINA. Here is Radio Peking's new schedule, effective on April 25th.
0000-0100 15120, 17680, 17855 ECNA
0100-0200 15120, 17680, 17855 " "
0200-0300 15120, 15230, 17680 " "
0300-0400 15120, 15230, 17680 WCNA
0400-0500 15120, 15230, 17680 " "
1200-1300 15520 ECNA
(K. Baxter, W. Sibus)

FINLAND. Here is the J80 schedule of the Finnish Broadcasting Company.

0330-0400 15400 North America
15430 North America
Middle East
0800-0925* 15265 Europe
21465 Far East,
Australia
0930-1000 6120 North Europe
11755 Central Europe
15265 Europe
South America
21465 Far East
Australia
1300-1330+ 6120 No. Europe (Sun.)
11755 Ce. Europe (Sun.)
15265 Europe
15400 North America
1430-1500 6120 North Europe
11755 Central Europe
15400 North America
21475 North America,
Middle East.
1930-2000 15265 Europe
15430 Europe,
South Africa.
2130-2200 6120 North Europe
11755 Europe,
South America
15270 South America, Africa
(Direct.) *= Sunday only
+= until 1425 on Sunday

FRANCE. Here is Radio France International with "Paris Calling Africa" in English and the French transmissions to North America. The J80 sked valid until September 7, 1980.

Paris Calling Africa: 1600-1700
11845 North Africa
15300 " "
15360 Northwest Africa, Indian Ocean
17720 West Africa, Indian Ocean
17850 Central Africa,
Indian Ocean
21570 West Africa, Indian Ocean
21580 Central Africa, Indian Ocean
21620 South Africa
21675 West Africa, Indian Ocean
25820 South Africa
25900 Central Africa, Indian Ocean
French to North America
1100-1615 17775, 17865, 21645
(J. Caranna, L. Dekeyser, R. Eddie,
C. George, R. Munster, M. Oakley,
P. Thompson)

GREAT BRITAIN. Here is a listing of BBC Spanish transmissions via London Calling.
1200-1215 9680, 11905, 15270,
17800 Europe
2115-2200 6030, 7235, 9825,
11715 Europe
0015-0215 6110, 9765, 11680, 11820,
15390 Latin America
0215-0315 6055, 6110, 9765, 11680,
11820, 15390.
0315-0415 6055, 6110, 9765, 11820,
(C. George) We'll have English next month.

HOLLAND. Here is Radio Nederland's North American J80 sked, valid until November.

0230-0325 6165, 9590 ECNA
0530-0625 6165, 9715 WCNA
both via Bonaire, Netherlands
Antilles
(Direct.)

HUNGARY. Radio Budapest J80 sked to North America.

0100-0130 6105, 9585, 9835, 11910,
15220, 17710 (Not Monday)

HUNGARY. (continued.)

0200-0230 6105, 9585, 9835, 11910,
15220, 17710. Daily
0300-0315 6105, 9585, 9835, 11910,
15220, 17710. Wed. & Sat.
(G. Watts.)

IRAQ. Radio Baghdad's undated English
schedule, taken off a recent QSL.

2130-2230 9745 Europe
0300-0400 11925 North America
(R. Rzepka.)

ISRAEL. Here is the Kol Israel
J80 sked for North America.

0000-0030 11637, 15582, 21710
0100-0125 11637, 15582, 21710
0200-0225 9815, 11637, 15582
0500-0515 11637, 15105, 15582
1200-1230 15605, 17612, 25640
2000-2030 11610, 17815, 21675
2230-2300 9815, 11637, 15582,
21675, 21710.

(R. Stein.)

JAPAN. Radio Japan, English to
North America. J80 sked.

0130-0230 15235, 17725, 17825,
21640 WCNA
2345-0045 15270, 17825 ECNA
(S. Heyman, G. Watts, R. Whetzel,
R. Yajko, B. Zilmer.)

LEBANON. La Voix du Liban in Beirut
sends this sked.

0410-2130 6550 Arabic, French &
English.

(P. Brewer) Tnx for the call!

MEXICO. XEMRX, Radio Mexico, sends
this undated sked recently
received.

2000-2200 15430
2200-0500 5985, 9705, 11770,
15430, 17765

(J. Barr)

MALTA. (Out of order, sorry!)

The Socialist Peoples' Libyan Arab
Jamahiriya current sked.

0600-0800 5980 Arabic Daily
0600-0800 7135 Arabic Friday
0700-0800 5960 Arabic Daily
1000-1045 5960 Italian Sat/Sun.
1500-1530 7120 English Daily
1800-2000 5960 Arabic Daily*
*actually 1900-2000 as Radio

Mediterran 1800-1850.
Station address is P.O. Box 17,
Hamrun, Malta. (N. Takahashi)

NORWAY. Radio Norway's complete
English sked, valid until Sept. 6th.

0000-0030* 9605 No. & Ce. America
11860 Far East
15345 South America
0200-0230* 9610 No. & Ce. America
11860 No. & Ce. America
11870 No. & Ce. America

NORWAY (Continued.)

0400-0430* 11860 No. & Ce. America
11895 Pacific
21730 Indonesia,
Australia
0600-0630* 11860 Middle East, India
15170 East Europe,
East Africa
21655 North and Central
America
0800-0830 9590 Australia,
New Zealand
15135 Pacific
21655 Far East
1200-1230 6015 Europe
15135 Indonesia,
Australia
21730 India, Indonesia,
Australia
1400-1430 9590 Europe, Africa
17840 Central America
21730 East Europe, Africa
1600-1630 15175 North and Central
America
17755 South America
21730 East Europe,
Middle East, Africa
1800-1830 15175 North and Central
America
15345 West Africa
25730 East Europe,
Middle East, Africa
2000-2030 11850 Pacific
15175 Europe, Middle East
15345 Pacific
2200-2230 15175 South America
15345 North and Central
America
17795 Central America
This English broadcast "Norway This
Week" is broadcast on Sunday, except
*=Monday GMT date.
(L. Dekeyser, S. Pitts, W. Seymour,
R. Whetzel.)

POLAND. Polish Radio in Warsaw,
undated English to North America,
also Polish.

0200-0400 6095, 6135, 9525, 11815,
15120. Although not
listed nor ann'c'd, also on 7270.
(B. Donly, R. Eddie, C. Hoffman,
M. Oakley, T. Smith.)

PORTUGAL. Here is the latest sked
from Radio Portugal to North America.

0300-0330 11925, 15125 ECNA
0500-0530 9578, 11925 WCNA
(T. VanBeurden, R. Whetzel.)

ROMANIA. Radio Bucharest to North
America. This is the latest sked
available.

0130-0230 5990, 6180, 9510, 9570,
9690, 11840, 11940
0400-0430 5990, 6155, 6180, 9510,
9570, 9690, 11840

(K. Baxter.)

SPAIN. Radio Exterior de Espana (Spanish Foreign Radio) in Madrid. This is the M80 sked which expired in May. Probably not many changes in J80 which we will print as soon as available.

0005-0155 9630, 11880 NA
 0515-0615 9630, 11880 NA
 2010-2200 9765, 11840 Europe
 2110-2200 7105 Europe
 (J. Barr.)

SWEDEN. Radio Sweden in Stockholm with the new J80 sked.

0230-0300 11705 North America
 15290 North America
 1100-1130 9630 Europe
 21690 Australia, New Zealand.
 1230-1300 21635 East Asia
 21690 Africa
 1400-1430 21615 North America
 21700 South Asia
 1700-1730 6065 Europe
 15355 South Asia, Middle East
 1830-1900 6065 Europe
 15240 Middle East
 2100-2130 15240 Africa
 15320 Middle East
 2300-2330 11705 North America
 15380 North America
 (V. Tripathi.)

SOUTH AFRICA. (out of order, sorry again. Radio RSA, the J80 sked valid until 6 September 1980.)

0156-0250 5980, 9585, 9610, 11900 North America
 0256-0426 3995, 4990, 5980, 7270, 9585 East Africa
 0556-0700 15220, 17780, 21535 West Africa
 1056-1156 15220, 21535, 25790 Central and East Africa and Europe.
 1258-1550 15220, 21535, 25790 Central, East and West Africa, Europe and Middle East.
 2056-2150 9585, 11900, 15155 West Africa, Europe.
 (B. Zilmer.)

SWITZERLAND. Swiss Radio International, undated English to North America.

0145-0215 6135, 9725, 11715, 15305 ECNA
 0430-0500 9725, 11715 WCNA.
 (M. Eramo.)

TURKEY. The TRT (Voice Of Turkey) as monitored on May 3rd.

2030-2130 11885, 11955 North Africa, Western Europe.
 2200-2300 7215, 9515 Western Europe
 11955 North America
 15250 Southeast Asia, Australia
 (R. Whetzel.)

UNITED NATIONS. Here is the UN Radio's J80 sked.

FRIDAY Broadcasts. Transmitter sites are underlined.

ENGLISH TRANSMISSIONS

1830-1835 Greenville 11960, 15410, 17740
Tangier 15305
 2245-2300 Greenville 11920, 15225

SATURDAY

0230-0245 Monrovia 6035, 15240
Bethany 10869**
Greenville 15752**
 0645-0700 Greenville 11735, 15125
 0707-0715 Greenville 11735, 15125
 0737-0745 Tangier 15195, 17815
 0800-0815 Monrovia 15235, 17860
Greenville 11735, 15125
 1000-1015 Delano 9565, 11090*
Philippines 15250

BROADCASTS OF MEETINGS all via

Greenville, in French & English.
 0000-0600 9620 Africa
 0500-1200 9540 Africa
 0600-1430 15120 Africa
 0900-1200 9620 Middle East
 1200-1400 15415 Middle East
 1200-1430 21670 Africa
 1400-1430 15410 Middle East
 1430-1815 21670 Africa
 1430-1830 15120 Africa
 1430-1900 15410 Middle East
 1815-1900 11960 Africa
 1830-1900 11900 Middle East
 1900-2200 15410 Africa
 1900-2300 11960 Africa
 2200-2345 15415 Africa
 2300-0000 11965 Africa
 2345-0900 6055 Middle East

Almost forgot:

0000-0500 11905 Africa
 * = SSB (lower side-band)
 ** = SSB (upper side-band)
 (R. Stein.)

VATICAN RADIO. Here is the current schedule for broadcasts beamed to the Americas.

0000-0030 6015, 9615, 11845 Spanish to Central and South America
 0030-0100 6015, 9645, 11845 Spanish to North America
 0100-0115 6015, 9645, 11845 English to North America
 0115-0130 6015, 9645, 11845 French to North America
 2300-2330 9615, 11725, 15120 Portuguese to South America
 2330-0000 9615, 11725, 15120 Spanish to South America
 (D. Ewing, R. Yajko.)

Just a reminder that J80 represents the broadcasting period starting May 4th and terminating on September 6th.

Thanks for the support.

73 Chris

QSL REPORTS

Editor: Bob Donly 7208 Sunview Dr. Columbia, South Carolina 29209
(deadline 12th of the month)

June, and time to report to you in another column - not to much new on the QSL scene this month.

SPEEDXer John Kegel has received a letter verification from Radio Capital in Transkei. Verifications were also received from La Cruz del Sur in Bolivia, by Alex Vranes; and Radio Esmeralda - Huanta in Peru, by Chris Lobdell.

Saudi Arabia seems to be verifying some frequencies with a no data letter, and others with their usual Crossed Sword/logo card.

If you are having trouble getting verification from stations such as Radio Cairo, Radio Kuwait, Radio Luxembourg, and others who are intermittent verifiers; try sending them a descriptive report on a transmission in a language other than English. It seems, in some cases, these reports reach different staff members than do English reports, and you just might get your QSL. This has worked for me in several cases.

Last month, I reported that Woody Seymour received a Deutsche Welle QSL that listed the transmitter site. Alas, it was a no data card; however since Woody is a Deutsche Welle Monitor, he did get information in another form indicating the site.

Another month, with a large amount of reports from 80 reporters, 3 for the first time. Keep up the good work!

Away we go!

Europe

- ALBANIA: R. Tirana, 6200, f/d "Haut Leve L'espirit Revolutionaire" cd in 70d sfc, for 1 IRC (CUNNINGHAM CA), 7300, same cd in 222d air, no rp (HARDESTER CA) This was the culmination of 9 years of reports, by Mike, to R. Tirana. bd
- ANDORRA: R. Andorra, 6220, f/d Mountain Scene with Towers and Young Couple cd in 14d air, for 1 IRC (KEGEL MD)
- AUSTRIA: ORF, 5945, 9770, 12015, 15225, 15260. F/d cds in 35-63ds air, no rp. "Snail with Castle", "Moosbrunn Transmitter Site" etc. (MUNSTER GA)(WITTE CA)(SERSHON IL)(FARMER TN)(JOHNSON IL)(DUNN CA)(HEYMAN NY)(MILLER CA)
- BELGIUM: BRT/ORU, 15175, 15380, 21460. F/d form ltrs. and cd in 40-50ds air, for 1 IRC no rp. Red Form Letters (ASHABRANER AR)(OSBORNE MI), Transmission Filter cd (BYRON NY)
- BULGARIA: R. Sofia, 9530, 9700, 9705, 9765. F/d and date/freq. cds in 34-121ds air and sfc, for 2 IRCs no rp. "View of Nessebar", "View of Melnik" etc. (MCLEAN NY)(SMITH FL)(MCKINNEY PA)(CUCURA PA)(MAAG CA)(OAKLEY OR)(FALLOWS ONT)
- CZECHOSLOVAKIA: R. Prague, 5930, 7345, 9540, 9740, 11990, 21505. F/d cds in 30-233ds air, for 1 IRC no rp. "Zvikov Castle", "40 Years of Broadcasting", "Peace Square" etc. (STONE ONT)(SMITH FL)(FRASER MA)(MCLEAN NY)(HEYMAN NY)(SEMESKY IN)(JAMES MI)(MCKINNEY PA)(AUDETTE MA)(MUNSTER GA)
- DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cds in 21-49ds air and sfc, for no rp (JONES VA)(LOREN CA)(PETERS KY)(KNEASKERN NY)
- FINLAND: R. Finland, 9575, no/data "Finnish Architecture" cd in 46d air, no rp (MILLER CA), 15400, no/data "Spring in Finland" cd in 32d air, no rp (FARMER TN), 14500(?), no/data "Winter in Finland" cd in 60d air, no rp (FORBES TX)
- FRANCE: R. France International, 5990, 17720, 21580. F/d cds in 25-60ds air, for 1 IRC no rp. Subway Station, National Arts Centre etc. (YINGLING MD)(MILLER CA)(SMITH FL)(ZANINI CO)
- GERMANY(Democratic Rep.): RBI, 9730, f/d Stature cd in 17d air, for ? postage (JOHNSON IL), f/d Part Four Map cd in 56d, no rp (KAPINOS MA), f/d Blue Building cd in 60d air, no rp (ASHABRANER AR), 11975, same cd in 47d air, no rp (CURNELL OR)
- GERMANY(Federal Rep.): Deutsche Welle, 6075, 6085, 6100. No/data Modern Art Logo cds in 31-53ds air, for 1 IRC no rp. Some received brochures (OAKLEY OR)(FARMER TN)(JAMES MI) R. Bremen, 6190, f/d Transmitter Tower cd in 66d air, for 1 IRC (AUDETTE MA) R. Free Europe, 15215, freq./only Map of Europe cd in 16d air, no rp (TOIA ITALY) VOA Munich Relay, 3980, f/d Satellite Americom cds in 48-98ds sfc, no rp (KAPINOS MA)(AUDETTE MA)
- GREAT BRITAIN: BBC, 11750, no/data "Tower Bridge" cd in 39d air, no rp (HEYMAN NY) VOA Relay Woolferton, 9760, f/d "Satellite Americom" cd in 10d sfc, no rp (ASHABRANER AR)

.. Compromise is simply changing the question to fit the answer ..

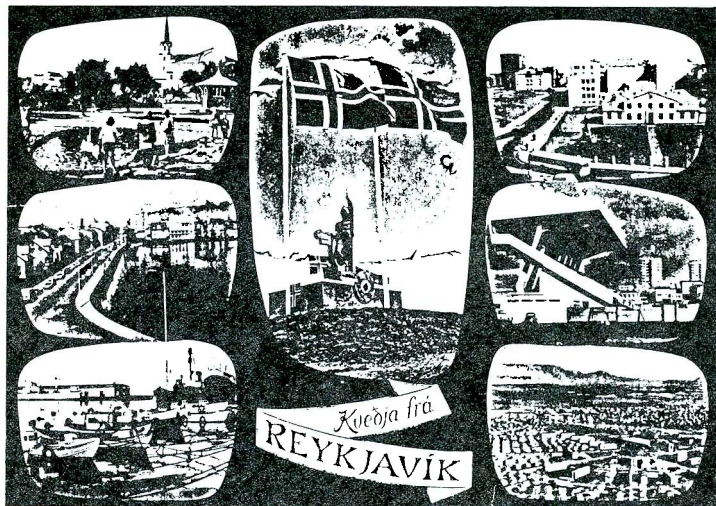
GREECE: The V. of Greece, 11730, f/d General View-"Plomari" cd in 44d air, no rp (McLEAN NY), same cd in 75d air, for 2 IRCs (MAAG CA)

HOLLAND: R. Nederland, 17605, f/d "Authentic Costumes" cd in 30d air, no rp (ASHABRANER AR)

HUNGARY: R. Budapest, 9585, 9835. No/data "Year of the Child" and Special SW Club cds in 40-60d air and sfc, no rp (MILLER CA)(McLEAN NY)(SEMESKY IN)

ICELAND: R. Reykjavik, 12175, f/d cds in 18-80ds air, for 2 IRCs. "Landscape at Thingvellir" (BREWER TN)(VRANES PA)(CUCUTA PA), Multi-scenes cd (EDDIE MO)

A sample of
one type QSL
from R.
Reykjavik



ITALY: RAI, 7175(Sicily Site), 9710, 11800. F/d and date/freq. cds in 42-125ds air, for 1 IRC no rp. Village Scene, "L'adorazione dei Pastori" etc. (McLEAN NY) (DESROSIERS MA)(CURNELL OR)(BICKEL CA)

LUXEMBOURG: R. Luxembourg, 6090, f/d Antenna Logo cd in 153d air, for 3 IRCs (SEMESKY IN)

MALTA: Xandir Malta, 9670, f/d ltrs. in 22-69ds air, for 2-3 IRCs (JONES VA)(HOWARTH WA) IBRA, 9650, f/d "Reaching Africa" and "Cathedral at Dusk" cds in 62-85ds air, for 2-3 IRCs (VRANES PA)(SEMESKY IN)

MONACO: TWR, 9475, 9495. F/d Map cds in 63-67ds air, no rp (SMITH FL)(ZANINI CO)

NORWAY: R. Norway, 15175, f/d "Rondane Mountains" cd in 31d air, for MS (ASHABRANER AR), 17755, f/d Boating on Lake cd in 27d air, for 2 IRCs (PITTS UT)

POLAND: Polskie R. 7145, 7270, 11815, 15120. F/d cds in 35-47ds air, for 1 IRC no rp. Sailboat on Lake, Steelmill etc. (SEYMOUR NC)(HUDDLESTON TX)(SMITH FL)(OSBORNE MI) (McLEAN NY)

PORTUGAL: R. Portugal, 6025, 6185, 11925. F/d cds in 16-51ds air, for 2 IRCs MS no rp. "Portrait of Duval de L'Epinoyn", "Roll Top Desk" etc. (SEMESKY IN)(CONOVER ?)(SMITH FL) (ASHABRANER AR)(PITTS UT)

IBRA, 9670, f/d "Reaching Africa" cd in 30d air, for 1 IRC (MOORE PA)

ROMANIA: R. Bucharest, 5990, 9570, 9575, 17745. F/d cds in 20-144d air, for 2 IRCs no rp. "Hercules Baths", "Borsec Spa" etc. (KAPINOS MA)(HEYMAN NY)(HUDDLESTON TX)(MAAG CA) (MILLER CA)(SMITH FL)

SPAIN: R. Exterior De Espana, 9630, 11880, 15375. F/d cds in 28-45ds air, for 1 IRC no rp. "Islas Baleares-Espana", "Carteues Turisticos" etc. (McLEAN NY)(FALLOWS ONT) (FARMER TN)(YINGLING MD)(TRIPATHI CA)(THOMPSON NM)(DESROSIERS WA)

SWEDEN: R. Sweden, 9695, 11705, 15275, 21615. F/d and one no/data cds in 19-44ds air, for 1 IRC no rp. (TRIPATHI CA)(HEYMAN NY)(CURNELL OR)(CONOVER ?)(FRASER MA)(MOORE PA) IBRA, 9670, f/d "Reaching Latin America" cd + pennant in 117d air, no rp (JONES VA)

SWITZERLAND: Swiss R. International, 11715, 15125. F/d cds in 50-65ds air and sfc, for 2 irc no rp. "Rouges-Terres", "Jungfrau" etc. (SEMESKY IN)(HEYMAN NY)(SMITH FL)

USSR: R. Moscow, 5940, 7165, 7165(Kiev), 7215(Moscow), 7280(Moscow), 7380(Moscow), 9490(Moscow), 9530, 9610(Tula), 9700, 11790(Blagoveshchensk), 11980(Vinnitsa), 12010 (Armavir), 12040(Armavir), 12050, 15140(Petro-Kam.), 15180(Pet-Kam.), 15210(Armavir) 15305(Voronezh), 15520, 15535(Frunze), 17770(Moscow), 17730, 17770(Moscow), 17805(Riga)

17825(Baku), 17870, 17880(Irkutsk), 21615. F/d cds in 26-78ds air and sfc, no rp. "Red Square", "Olympic Bear" etc. (CURNELL OR)(HALL CA)(DESROSIERS MA)(TOIA ITALY) (SMITH FL)(HEYMAN NY)(FRASER MA)(CONOVER ?)(MILLER CA)(TRIPATHI CA)(FISCHER GERMANY) (VRANES PA)(LOREN CA)

USSR(continued): R. Tashkent, 9600, f/d Mosque cd in 47d air, no rp (HALL CA)
 R. Vilnius, 7150, 12065, 15100, 17878. F/d folder cds and Logo cds in 61-230ds air and sfc, no rp. (HUDDLESTON TX)(BREWER TN)(SMITH FL)(CURNELL OR) Ed. note: Please do not indicate sites on USSR QSLs unless so designated on your verification.
 VATICAN CITY STATE: R. Vaticana, 6015, 11845. F/d cds in 19-95ds air, for 1-2 IRCs no rp. Vatican Gardens, Technical Centre etc. (SMITH FL)(CARANNA VA)(MAAG CA)(BICKEL CA)(SEMESKY IN)(TRIPATHI CA)

Africa

ASCENSION ISLAND: BBC Atlantic Relay, 15250, no/data "Tower Bridge" cd in 24d air, no rp (CARLSON MI)
 BENIN(People's Rep.): ORTB, 4870, f/d Multi-scene cd in 78d air, for 1 IRC (DESROSIERS MA) f/d Map-Logo cd in 41d sfc, for 2 IRCs (HUDDLESTON TX), same cd in 40d sfc, for 1 IRC (BERES CT)
 CANARY ISLANDS: REE Relay, 15364, f/d "Islas Baleares" cd in 28d air, no rp (HALL CA)
 EGYPT(Arab Rep.): R. Cairo, 9475, f/d Sphinx and Pyramids cd in 61d air, no rp, v/s Rita (HEYMAN NY), f/d View of City cd in 75d air, no rp (MAAG CA), 12050, f/d Sphinx and Pyramids cd in 56d air, no rp (RZEPKA WI)
 GABON: Rdif. TV Gabonaise, 4777, date/freq. Map Folder cd in 68d, no rp (DESROSIERS MA) Africa Number 1, 11945, 21640. No/data f/d and date/only Map Folder cds in 51-167ds air and sfc, for 1-3 IRCs no rp. (FORBES TX)(OAKLEY OR)(SAVAGE CA)
 GHANA: GBC, 4915, F/d Tri-Coloured Logo cds in 62-125ds air and sfc, for 1-3 IRCs. (LOREN CA)(HALL CA)(KNEASKERN NY)(WITTE CA)
 IVORY COAST: Rdif. Ivoirienne, 4940, f/d Map Tower cd in 49d, for FF rpt. and 2 IRCs (KAPINOS MA), 11920, same cd in 70d air, for 2 IRCs (CHINSKY NY)
 KENYA: V. of Kenya, f/d Aerogramme in 32d air, no rp (HUFFAKER MEXICO)
 LIBERIA: ELWA, 4770, 11830. F/d "Native Drummer" cds in 37-195ds air and sfc, for 1-3 IRCs (SAVAGE CA)(BERES CT)(LOREN CA)(EDDIE MO)
 MADAGASCAR: R.

Nederlands Relay, 15220, f/d "Authentic Costumes" cd in 22d air, no rp (CURNELL OR)

MAURITANIA: Rdif. Nationale De Mauritanie, 4845, f/d Map cd in 48d sfc, for 3 IRCs (GEORGE TX)

NIGERIA: V. of Nigeria, 7250, f/d Arcade in Lagos cd in 102d air, no rp (MURPHY CA)
 FRC Enugu, 6025, f/d personal ltr. in 42d air, for 2 IRCs, v/s

Godson Ijomanta (LAZARUS LA)

Imo Broadcasting Service, 4755, form ltr. in 250d, no rp (SPARKS CA)

Plateau Broadcasting Corporation, 5965, f/d ltr. on station ltrhead. in 40d air, for 1 IRC (AUDETTE MA)

SOUTH AFRICA: RSA, 11900, 15220, 17780, 21535, 25790. F/d cds in 20-54ds air, no rp. "Cheetah at Bay", "Sitting Lion" etc. (TRIPATHI CA)(HUDDLESTON TX)(SMITH FL)(CONOVER ?)(McLEAN NY)(CURNELL OR)(CARLSON MI)

SABC, 4835, f/d Industrial Scene cd in 42d air, no rp (HUFFAKER MEXICO)

SUDAN: Broadcasting Service of Sudan, 5039, date/only form ltr. in 83d sfc, for 2 IRCs, v/s Mamoun A. Magid (HALL CA)

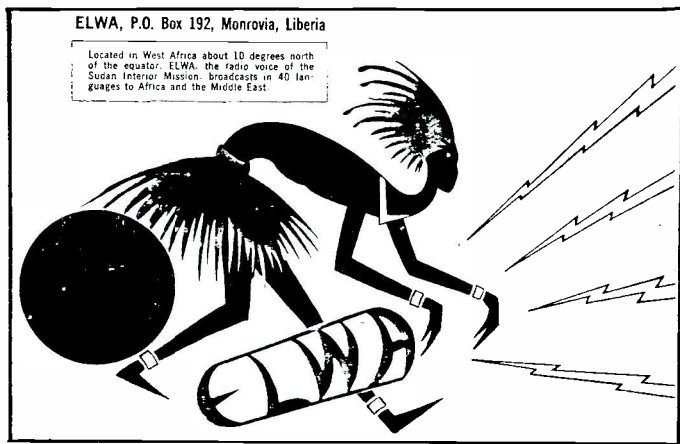
TANZANIA: R. Tanzania, 15435, f/d "Sauti Ya Tanzania" cd in 48d air, for 1 IRC (DESROSIERS MA)

TOGO: Rdif. TV Togolaise, 5047. F/d Globe-Logo cds in 30-53ds air, for 2 IRCs no rp. (BREWER TN)(SAVAGE CA)(TOIA ITALY)

TRANSKEI: Capital R. 7160, f/d ltr. on station ltrhead. in 55d air, no rp, also sent stickers, v/s Louis DuBuisson (KEGEL MD) Great John - this may be a first! bd

UGANDA: UBC/R. Uganda, 15325, F/d "Studio Complex" cds in 260-515ds air and sfc, no rp. (TALBOT WI)(McLEAN NY)(HEYMAN NY)(DIECKMANN MO)

.. By the time a person gets to greener pastures he can't climb the fence ..



Thanks to: Stefan Loren

UPPER VOLTA: Rdif. TV Voltaïque, 4815, date/time form ltr. + schedule in 95d sfc, for 3 MS (TIMMER IN)

ZAIRE: R. Lumbumbashi, 11865, FF ltr. with verie. statement and brochure on Lubumbashi hotel in 75d, this after 7 years and 23 reports, v/s Mulenga Kanso (LAZARUS LA)

Asia

AFGHANISTAN: R. Afghanistan, 17075, f/d Bamyán Buddha cd in 32d air, no rp. (KEGEL MD)

CHINA: R. Peking, 17680, f/d Mountain Scene cd in 21d, no rp (KAPINOS MA)

PBS Heilongjiang, 4925, 5950, f/d "Autumn View of the Great Wall" cd via Peking in 24d, no rp (HARDESTER CA)

PBS Hunan, 4990, cd via Beijing in 21d (SPARKS CA)

PBS Jilin, 3310, cd via Beijing in 21d (SPARKS CA)

PBS Xizang(Tibet), 9490, f/d no desc. cd via Peking in 14d, no rp (LOBDELL MA)

CYPRUS: CBC, 9585, f/d Tourist cd in 36d air, for 2 IRCs (AUDETTE MA), f/d Statue and Shell cd in 69d air, for 2 IRCs (HUDDLESTON TX)

BBC East Med. Relay, 11955, no/data "Tower Bridge" cd in 19d air, for 1 IRC (DESROSIERS MA)

INDONESIA: V. of Indonesia, 11790, f/d "The Tanah Lot" cd in 122d sfc, no rp (CUCURA PA), same cd in 105d air, for 3 IRCs, also received pennant (SEMESKY IN)

RKP Banyuwangi, 3504, Indo. ltr. in 90d for Indo. rpt. and MS, v/s Ridwan Pimpinan (SPARKS CA)

RPD Situbondo, 3577, Indo. ltr. in 14d, for Indo rpt. and MS, v/s Mawari Soegianto (SPARKS CA)

RRI Kendari, 4000, f/d prepared cd in 22d, for Indo. rpt. and MS, v/s Hanafie Umar (SPARKS CA)

RRI Merauke, 3251, Indo. ltr. in 60d, for Indo rpt. and MS, v/s Achmad Day (SPARKS CA)

RRI Sorong, 4875, f/d RRI cd + short EE note in 145d air, for MS, v/s A.F.C. Usmanny (VRANES PA)

RRI Surakarta, 4932, no/data personal ltr. with verie. statement in 42d air, for MS, v/s W.S. Nardi (LAZARUS LA)

IRAN: V. of The Islamic Republic of Iran, 9022, f/d "Bandar Abbas Centre" cd in 75d air for 1 IRC (RZEPKA WI)

IRAQ: R. Baghdad International, 9745. F/d new Folder cds in 35-87ds air, for 1-2 IRCs no rp. (RZEPKA WI)(OSBORNE MI)(HEYMAN NY)(SEMESKY IN)

ISRAEL: IBA, 7412, 9815, 11637, 11655, 15300, 17615, 17685, 21495, 25605, 25625. F/d cds in 25-69d air, for 1 IRC no rp. "Dead Sea Scrolls", "Temple Mount and Western Wall", "Shrine of The Book" etc. (BYRON NY)(ZANINI CO)(YINGLING MD)(RZEPKA WI)(SEMESKY IN)(OSBORNE MI)(FARMER TN)(FISCHER GERMANY)(MILLER CA)(CONOVER ?)(TOIA ITALY)(CUCURA PA)(TRIPATHI CA)

JAPAN: R. Japan, 9505, 9585, 15270, 17725, 17755, 17825, 21640. Date/freq. cds in 16-48ds air, no rp. "Fireworks at Lake Ashinoko", "Koto Dolls" etc. (VAN BEURDEN CA)(FISCHER GERMANY)(MOSIER CA)(YAJKO PA)(ZANINI CO)(HEYMAN NY)(FRASER MA)(MUNSTER GA)(MOORE PA)(MILLER CA)(THOMPSON NM)

KOREA(Dem. People's Rep.): R. Pyongyang, 9977, f/d Revolutionary Play cd + pennant in 90d air, no rp (CHINSKY NY)

KOREA(Republic): R. Korea, 9720, f/d "Inauguration of New Frequency" cd in 50d air, no rp (SEMESKY IN)

LAOS: Pakse, 6596, ltr. from Vientiane in 42d after follow-up, no rp (SPARKS CA) Savannakhet, 7384, same ltr. in about 42d, no rp (SPARKS CA)

LEBANON: La Voix Du Liban, 6550. F/d ltrs. in 51-90ds air, for 1-2 IRCs no rp. (TOIA ITALY)(BREWER TN)(MOORE PA)

MALAYSIA: R. TV Malaysia(V. of Malaysia), 15295, f/d "Garden City-Kuala Lumpur" cd in 337d air, for 3 IRCs, this after 3 follow-ups (McLEAN NY)

R.TV Malaysia(Home Service), 4845, same f/d cd as above in 75d air, for 2 IRCs after follow-up (BREWER TN)

PHILIPPINES: FEBC, 11890, 17810. F/d cds in 36-97ds air, for 1-2 IRCs no rp. Hut and Bamboo Tree, 30 years Broadcasting (TRIPATHI CA)(KNEASKERN NY)(GODFREY ONT)

R. Veritas Asia, 17790, F/d cds in 26-55ds air, for 1 IRC no rp. "Japan-Land of The Rising Sun" etc. (RZEPKA WI)(MOORE PA)(MILLER CA)

VOA Relay, 11760. F/d "Satellite Americom" cds in 12-32ds air, no rp (FRASER MA)(THOMPSON NM)

QATAR: QBS, freq. not given, date/freq.(wrong freq. listed) Map-Logo cd in 60d air, for 2 IRCs, v/s Ebt Sam Said (BREWER TN)

SAUDI ARABIA: BSKSA, 11855, f/d Logo cd with green crossed Swords in 49-75ds registered air, for 2-3 IRCs (AUDETTE MA)(McLEAN NY), 15370, thank you ltr. + MW and SW schedules in 60d registered air, for 1 IRC (RZEPKA WI)

SINGAPORE: R. Singapore, 11940, f/d "Singapore by Night" cd in 37d air, for 3 IRCs (KEGEL MD)

BBC Far Eastern Relay, freq. not given, no/data "Tower Bridge" cd in 49d air, for 1 IRC (AUDETTE MA)

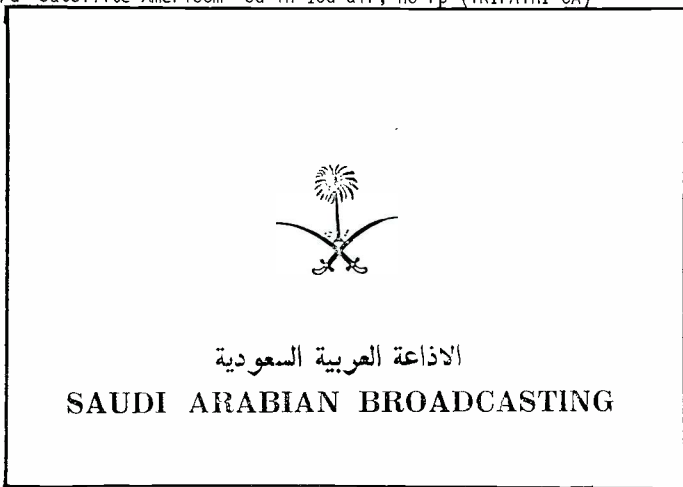
SRI LANKA: SLBC, 9720, f/d "Rock Fort" cd in 35d air, for 3 IRCs returned (KEGEL MD)
VOA ReJay, 15205, f/d "Satellite Americom" cd in 15d air, no rp (TRIPATHI CA)

TAIWAN: V. of Free
China, 11745, f/d
Horse Painting cd
+ pennant in 44d
air, for 1 IRC
(CHINSKY NY),
15270, same cd
in 38d air, for
2 IRCs (MURPHY
CA)

TURKEY: V. of
Turkey, 9515,
11955. F/d cds
in 37-51ds air,
no rp. "Bald
Ibis", Anamur
Mersin Fortress"
etc. (LOREN CA)
(OSBORNE MI)
(SEMESKY IN)

UNITED ARAB EMIRATES:
RCTV Dubai,
21500, f/d
Map cd + personal
ltr. in 21d air,
for 2 IRCs
(CUCURA PA)

VIETNAM: The V. of Vietnam, 10040, f/d small form ltrs. in 92-122ds air, for 1 IRC no
rp, some received pennants and post cds (RZEPKA WI)(JONES VA)(MOORE PA)(HUDDLESTON TX)



A sample of BSKSA card that usually is full data

Oceania

AUSTRALIA: R. Australia, 21740, f/d 40th Anniversary cd in 27d air, for 2 IRCs (CRAWFORD CA)

ABC Domestic Service, VLM4, 4920, f/d Map cd in 36d air, for 2 IRCs (DONLY SC), VLV6, f/d Map cd in 32d air, for 1 IRC, freq. 6140 (AUDETTE MA), VLW9, 9610, f/d Map cd in 27d air, for ? postage (JOHNSON IL), VLW15, 15245, f/d Map cd in 17d air, for 2 IRCs (EDDIE MO)

GUAM: TWR/KTWR, 11840, f/d no desc. cd in 41d, for MS (CUCURA PA), f/d Logo cd in 45d air, for 3 IRCs (DANIELS MO)

NEW ZEALAND: R. New Zealand, 15345. F/d cds in 18-33ds air, for 2 IRCs no rp. Sheep Grazing (JOHNSON IL), Lake and Mountains (VAN BEURDEN CA), Fishing Boat (BERES CT)

PAPUA NEW GUINEA: NBC, 4890. F/d cds in 27-42ds air and sfc, for 2-3 IRCs no rp. All map cds (LOREN CA)(MOSIER CA)(KNEASKERN NY)(CLARK KS), R. Chimbu, 2376, f/d Map cd via Boroko in 56d air, for 1 IRC (MOORE PA), R. Eastern Highlands, 2410, f/d Map cd via Boroko in 56d air, for 1 IRC (MOORE PA), R. Gulf, 3245, f/d Map cd via Boroko in 56d air, for 1 IRC (MOORE PA), R. Madang, 3260, f/d Map cd via Boroko in 56d air, for 1 IRC (MOORE PA), R. Manus, 3905, f/d form ltr. in 75d sfc, for 2 IRCs, station's nickname is "Maus Bilong Chauka", v/s D. Knjitis (HALL CA), R. Western Highlands, 2450, f/d Map cd via Boroko in 56d air, for 1 IRC (MOORE PA), R. West Sepik, 3205, f/d Map cds in 45-56ds air, for 2 IRC and MS, via Boroko and booklets, newspaper also received (SPARKS CA)(MOORE PA), R. East Sepik, 3335, f/d Map cd with personal note added in 21d air, for 2 IRCs, v/s Paul Kafopi (LAZARUS LA)

SOCIETY ISLANDS: R. Tahiti, 6135, 15170. F/d "Island Nudie Girl" cds in 14-116ds air, for 1-2 IRCs. (HALL CA)(BERES CT)(MURPHY CA)

SOLOMON ISLANDS: SIBC, 5020. F/d and date/freq. black-white Logo cds in 19-28ds air, for 1-2 IRCs (PETERS KY)(HEYMAN NY)

South America

ARGENTINA: RAE, 11710, f/d blue-white Logo cd in 30d air, for 2 IRCs (HUDDLESTON TX)

BOLIVIA: R. La Cruz del Sur, 4875, no/data Drawing of Bolivian Scenes cd in 130d air, for MS, this was third follow-up (VRANES PA)

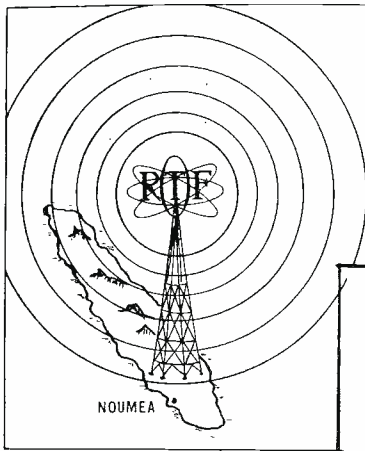
BRAZIL: R. Nacional/R. Bras, 15290. F/d cds in 30-73ds air, for 1-3 IRCs no rp. "Sunset Over Brasilia" etc. (YINGLING MD)(OSBORNE MI)(KNEASKERN NY)(MILLER CA)(TRIPATHI CA)(CRAWFORD CA)

R. Bare, 4895, no/data, no desc. cd in 28d, for 3 IRCs (Pagano DC)

R. Club De Pernambuco, 11865, date/only ltr. in 43d air, no rp (TOIA ITALY)

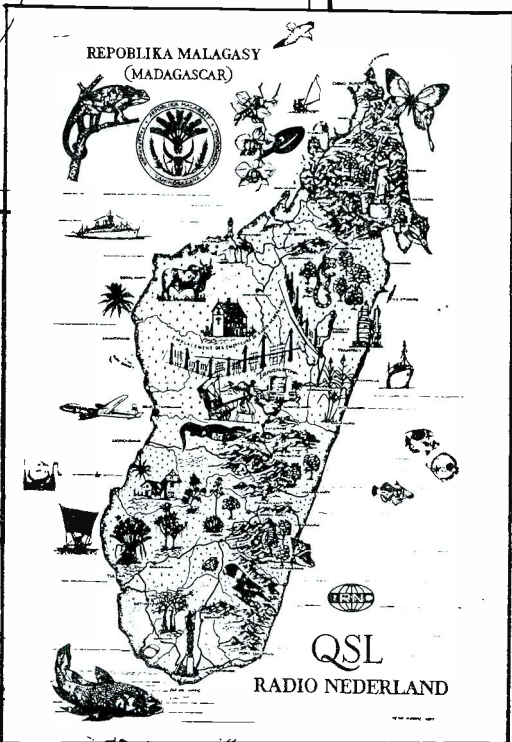
R. Difusora Taubate, 4925, no/data Logo cd in 25d air, no rp (TOIA ITALY)

R. Pioneira De Teresina, 5015, no/data ltr. in 1 year air, for MS (LAZARUS LA)



Nouvelle Calédonie

Position géographique
 22° 18' 04" SUD
 166° 29' 02" EST



reception report
 Pennsylvania on ... 15, 265 ... Mts.
 and wavelengths of 19.64 ... Metres.
La...

RADIO CEYLON
 P. O. Box 1510, COLOMBO, CEYLON
 Director,
 Commercial Broadcasting.

qsl
 potpourri

Tips and Topics

The Feature Section of SPEEDX

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

DRAKE R-7

by Don Moman

I recently received my R-7 which has been on order for 7 months! All the reviews that I have read have given it very good grades, which has made waiting even harder. Now that I have had a chance to use it and compare it to my SPR-4/FS-4 combination, I must agree that it is a fine receiver.

My first Drake was a R4-0 which I did not like due to the poor audio and high background noise/hiss (which I later read could be reduced by replacing certain diodes with "hot carrier" types). I then did some dealing and wound up with a SPR-4/FS-4 combination. I felt this was a vast improvement; noise was less but sensitivity was still excellent. Also, it ran off 12 vdc which gave me something to take camping.

The R-7 keeps all the desirable features of both the above sets, e.g., 12v operation, pass-band tuning, good selectivity, notch filter, switchable AGC and adds several other features. I especially like the antenna selector which allows 2 antennas and 2 receivers to be used in any combination. In addition, a third input which has a high degree of isolation (75 db) can be connected to the R-7. This is an ideal place to connect your amplified ECB loop and not have interaction with other antennas.

SENSITIVITY AND OVERLOADING

Both receivers are sensitive with the edge going to the R-7. On the higher bands, the SPR-4 is quieter and every bit as good in digging out the weak signals. However, on the ECB bands, there are problems with the R-7. According to the S meter, there are 7 local AM's that put in more than 50 db over S9 signals. Four of them sit at 75 db over S9! This is a handful for any set but the SPR-4 can handle it better. The antenna is a 75 foot random wire at 40 feet. The R-7 is a mass of distorted locals and junk. On the other hand, the SPR-4 is quite wide on locals but does not produce very many images when the preselector is tuned correctly. Agreed, the R-7 is more sensitive on MW but I still get spurs etc with a few feet of wire in the basement. The LW band is good. There is no ECB heard here and I have not noticed any harmonics from the switching power supply that was mentioned in earlier reviews.

DIGGING OUT THE WEAK ONES

Selectivity independent of mode, passband tuning, ease of exhalted carrier tuning and notch filter all work together to give you the best possible signal under severe interference conditions. The synchrophase AM detector allows one to select the sideband which has the least interference with the passband control. This makes exhalted carrier tuning less needed under medium QRM situation.

TUNING AND READOUT

The digital display is excellent. It "keeps up" with your band scanning very well (unlike my homebrew one which has too slow a sample rate) and was accurate as received. Zero beating with the aid of the R.I.T. control (a fine tuning control) yields accuracy to the tune of 50 hz and is accurate on all bands. The analog dial is good but not up to the quality of the SPR-4. It is slightly sticky and lacks that smoothness that should be present in this price class. It is not especially accurate but the digital readout makes it unnecessary to have a super linear analog dial.

POWER REQUIREMENTS

The R-7 runs off the usual AC line voltages and 12 volts as well. Current draw on 12 volts is about 2.1 amps with normal volume settings. In comparison, the SPR-4/FS-4 draws .75 amps with special low current pilot lights in the FS-4.

SELECTIVITY OPTIONS

Standard equipment is the 2.3 khz (1.8 shape factor) filter. 5 other bandwidths are available from Drake: 6, 4, 1.8, .5, and .3 khz. Sherwood offers a 3 khz (1.8 s.f.) to fill the gap between 4 and 2.3 khz filters. A total of 5 filters may be installed. If one

desires a wide response (8-10 kHz) a 150 ohm resistor may be installed in place of a filter option. However, ultimate selectivity drops and spurious signals may be found.

OTHER OBSERVATIONS

Audio quality for SW is fine with the built in speaker. Plenty of volume is available.

Changing bands may be slow to some owners but it is much faster than the SPR-4/FS-4 which may require up to 5 knobs to be adjusted (3 on the FS-4 and 2 on the SPR-4). It is a pleasant change in not having to adjust any preselectors.

The usual audio out jack for a tape recorder or external amplifier is present along with an audio in jack that can mix another audio source through the R-7's amplifier. This is probably of limited use to most SWL's.

The digital display can be used as a frequency counter up to 150 MHz. Input sensitivity is TTL compatible - if you don't know what that means, don't connect anything to this jack - it could be expensive!

CONCLUSIONS

This is easily the best set I have had the pleasure of owning. Such others as the SPR-4, R4-C, Heathkit SB-303, Collins 75S-1, FRG-7 and the questionable DX-300 will provide good reception under good to fair conditions but, in my opinion, only the R-7 will allow reception under conditions that would be intolerable with other receivers. ECB reception here is difficult under any conditions. I am hoping the addition of the Radio West ferrite loop antenna will give the extra degree of preselection needed to prevent "spurtitis". A borrowed Space Magnet (SM-2) loop with the SPR-4 showed no signs of overloading.

I would be very interested in hearing from other R-7 owners - especially about MW reception in high signal density areas.

USEFUL SWL & DX LITERATURE

by David K. Maxfield

What publications - in addition to SPEEDX - would enable an aspiring SWL/DXer to keep up-to-date with current developments, as well as deepen his background in the field? Although every SPEEDX member must develop his own personal list, this retired librarian has found certain books and periodicals to be particularly useful to him. In the hope that his 2½-year experience might be helpful to others, the following comments are offered.

To begin slowly, two general-circulation journals sometimes carry SWL/DX material. The monthly Popular Electronics (One Park Ave., NY., NY 10016, \$14/yr.) eight times a year prints SPEEDXer Glenn Hauser's "DX Listening" column, which includes interesting notes and commentary from a wide variety of sources, especially from his comprehensive personal SWL/DX activity. In four appropriate additional months PE features his handy predictions of "English Broadcasts Audible in North America," tabulated by time, and listing frequencies.

Elementary Electronics (P.O. Box 2630, Greenwich, CT 06835, \$6.95/yr.) appears bi-monthly. It offers Don Jensen's column "DX Central Reporting," which also is full of up-to-date news and views. Both publications - especially EE - from time to time present full-scale articles on SWBC, SWL/DXing, new equipment (including reviews), etc. For example, one especially useful article in the Nov./Dec. 1979 EE enables one to make fullest use of WWV's hourly propagation reports.

Once a year the editors of EE put out a separate publication Communications World (Davis Publications, 380 Lexington Ave, N.Y., NY 10017, \$1.75 in 1980). The current issue offers what amounts to a 40 page textbook of SWL/DXing, as well as 10 pages discussing certain new equipment items. CW also incorporates the decades-old "White Radio Log," which tabulates North American MW, FM, and TV stations by frequency, by call sign, and by location, although this last material will not be of major interest to many SPEEDX members.

Whenever one happens to visit the local public library, examination of recent issues of the two ham radio periodicals CQ and QST sometimes may be profitable. In addition to informing one on now the "other half" of the SW world lives, various special features (particularly their monthly propagation predictions) often are of interest. Moreover, if the particular library is on its toes, standard books such as Norman Fallon's Shortwave Listener's Handbook (2nd ed., Hayden Book Co., 1976), and Hank Bennett's older (but still useful) Complete Shortwave Listener's Handbook (Tab Books, 1974) will be on the shelves.

It is the personal view of the present writer, however, that the best single SWL/DX handbook will not be found in most libraries, since it is published by another SW club.

Edward C. Shaw's DXing According to NASWA (North American SW Association, 1979), now in its 4th edition, is concisely packed with most of the practical information one needs to get started in the SWL hobby. It is, of course, chiefly intended for new NASWA members and, necessarily, utilizes that organization's country and abbreviation lists, which differ from those of SPEEDX. (Hopefully, SPEEDX some day will want to issue a similar work, incorporating ute, as well as just SWBC material.)

Incidentally, for those SPEEDXers who are members of both clubs, NASWA's interesting monthly magazine FRENDX formats its loggings by frequency, rather than by location, so that it complements SPEEDX's loggings by country. FRENDX and SPEEDX - used together - thus constitute powerful tools for identifying elusive DX stations.

If one happens to be a general SW listener, chiefly interested in program content, rather than a more traditional QSL-oriented DX type, there is another monthly journal that will seem quite indispensable. It is the Review of International Broadcasting (Glenn Hauser, University Radio WUOT, Knoxville, TN 37916, \$12 for 12 issues). Never dull, it is full of news, facts, opinion, program reviews, commentary, and debate. It is unique among non-club publications in that its subscribers constitute most of the contributors. Each issue contains some 20 pages of direct-quote "Listener Insights on Programming" incisively annotated by GH himself. In addition, there are substantial articles dealing with SWBC policies and programming, listener preferences, DX news, equipment, commentary, etc. Above all, there are Glenn's personally-monitored broadcast schedules, handily tabulated several times a year, so that one is enabled to dial up international broadcast stations as easily as when one consults the local newspaper to choose MW, FM and TV programs.

In closing, no serious SWBC enthusiast - whether he be a program-minded SWL or a hard-core minimum-QSA DXER - can, of course, safely be without the annually up-dated World Radio TV Handbook, now in its 34th edition. In addition to some 300 pages detailing the schedules, frequencies, broadcast languages, listener area targets, ID characteristics, transmitter locations, QSL addresses, etc. of virtually every SWBC station on earth, it contains an invaluable 30-page table listing each of these stations in frequency order. (Similar information is also given for world MW and TV stations.) Moreover, there are important articles on SWBC and SWL/DXing topics, information about SW broadcast organizations and DX clubs, propagation, jamming, etc., as well as valuable receiver reviews by SPEEDXer Larry Magne. It is best ordered from Gilfer Shortwave (P.O. Box 239, Park Ridge, NJ 07656, \$14.95), even though it is printed in Great Britain and edited in Europe for SWL/DXers around the world.

A VISIT TO WINB

by Lawrence M. Wagner

Since becoming an ardent SWLer three years ago it has been my desire to tour an operating shortwave station. Recently I was given the opportunity to tour radio station WINB in Red Lion, Pa.

WINB is located approximately 1½ miles east of Red Lion off PA 74 in the rolling countryside of York County. My guide for this tour was Mr. Fred Wise the engineer in charge of operating the shortwave section.

Mr. Wise started the tour by telling a little background information on how WINB got started. In 1962 the Rev. John Norris decided the best way for him to reach an audience was to start operating a radio station rather than renting time from existing facilities in the central Pennsylvania area.

The operation at first was only an MW outlet. In the 18 years since however this has been expanded to include a SW station, a stereo FM outlet (the first in Central Pa.) and a UHF TV station Channel 49.

WINB shortwave is presently operating from a converted chicken house on the grounds of the Red Lion Broadcasting Co. their owners.

It is operated by three people: Mr. Wise the engineer, a disc jockey who tapes all programs for later broadcast, and a secretary who handles all the reception reports sent to them from around the world.

Mr. Wise informed me that he does use all the information sent to him on these reports. At the end of each month the information is compiled by his secretary so that he can determine what changes need to be made in the radiation of their signal for the best propagation.

I was also shown their transmitter, a Continental Electronics 417B, one of only three prototypes built. The average electricity bill for this transmitter is over \$2000 a month.

All operating revenues come from rental fees charged for air time usage and according to Mr. Wise WINB is the only domestic shortwave station to breakeven in operation.

The station maintains two rhombic antennas one beamed to Europe and one to South America on the grounds of the broadcasting company. They were totally designed and constructed by Mr. Wise and at the present time no plans are being made to erect any more.

Mr. Wise is proud of his operation at WINB and is happy to conduct a tour of the station any day Monday through Saturday 12 Noon through 11:00 PM.

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THE KENWOOD R-1000 IN REVIEW

by John Pavelka

Have you been considering buying a Kenwood R-1000 receiver, but would like to find more out about it first? The following information should be useful in answering some of your questions about this new receiver.

My receiver was purchased from Radio West for \$430. This price included the cost of shipping, and a selectivity modification. The modification consisted of rewiring the 2.7 kHz SSB filter to use in the AM mode. Not only is the receiver nice to look at, but its many features make it equally enjoyable to use. Some of the outstanding features include: A built in digital clock/timer, digital frequency readout, analog frequency readout, noise blanker, Upper and Lower side band modes, and a RF attenuator.

The RF attenuator is useful, but only in the 20 dB, and occasionally in the 40 dB ranges. The 60 dB range is definitely too much attenuation for most cases. The SSB modes are extremely useful, and work very well. Tuning of side band modulated broadcasts including CW code broadcasts is very easy. The clarity of speech from amateur and utility stations is amazing. All one has to do is tune to a SSB broadcast, press either the USB or LSB/CW mode button, and fine tune. Those SWLs that enjoy listening to amateur or utility broadcasts would find this feature a great asset. The noise blanker works very well on pulsed RF interference. Interference such as motorized appliances can be nearly eliminated, or greatly reduced by using the noise blanker. The analog frequency readout is very useful in determining relative frequency readings. It is accurate to 5 kHz and once set properly could be used to tune the radio without using the digital readout.

The digital frequency readout is accurate to 1 kHz. It is a blue-green fluorescent display and its intensity can be controlled by using the display dimmer switch. The readout has a format of XX.XXX, and is calibrated well. The digital clock/timer utilizes the same display.

The clock is on a 12 hour format, and has an AM/PM indicator. It has a XX.XX format with a flashing decimal to indicate seconds. The timer is also on a 12 hour format with AM/PM indication. This allows the timer to be set for any hour within a 24 hour period. Once set, the timer will turn your radio on and then off at the times of your choice. This function can be used like a standard clock radio, but instead, you wake up to your favorite shortwave station! By using the remote and tape recording output jacks, you can tape record your favorite program while you are away from your radio. The timer will turn on your radio, and through the remote jack, will turn on your tape recorder. The timer resets itself, so it will turn your radio on and off at the same times every day until you turn it off. This could be useful if you want to tape a five minute newscast every day for example.

Some of the other features not yet mentioned include: a voltage selector with 100, 120, 220 and 240 volts AC capabilities; switchable high and low impedance antenna jacks; medium wave antenna jack; headphone jack, and audio tone control. The receiver has a built in speaker and a jack for connecting an optional matching speaker. The built in speaker has good volume delivery, and rich sound (for a shortwave radio!).

Tuning is extremely easy, and with the digital readout, very accurate. To tune a desired frequency, simply switch the 30 position MHz band selector to the desired MHz band (0.XXX MHz - 29.XXX MHz in one MHz steps). Then rotate the kHz band spread dial to the desired kHz reading. You are also able to tune above and below the MHz band you are on. For example: you are tuned to 5020 kHz, and you want to tune to 4885 kHz. Instead of switching to the 4 MHz band, and then tuning the kHz dial all the way up to 885 kHz, you simply continue to tune past 5000 kHz directly to 4885 kHz. There is a leeway of 117 kHz above, and 159 kHz below the band you are tuned to.

The receiver also performs well. Sensitivity is very good on the shortwave bands, and excellent on the medium wave bands (standard AM broadcasts). Selectivity in the narrow mode (due to the modification mentioned earlier) is also very good. It is approximately 6 kHz for a strong signal (-60 dB), and 3 kHz for a weak signal (-6 db). The wide mode

is practically useless for both SWL and DXing purposes. The stability is amazing. When the radio is turned off on a certain frequency, the same frequency will be tuned in when the radio is turned on again. This quality is necessary for the timer function to be useful. No drift was detected after several hours of listening. Image rejection is very good, and very little crossing from mediumwave to shortwave bands has been noted.

If you are looking for a receiver with many features, good performance, and a moderate price, the Kenwood R-1000 is a good choice. The features make it both easy and enjoyable to operate. The performance is outstanding. This may well be the best receiver of its kind in the under 1000 dollar price range.

RADIO MALAYSIA PENANG

by Adrian M. Peterson

The main studio and administrative building for Radio Malaysia Penang is located right opposite the Seventh-day Adventist Hospital in Burmah Road. The business manager of the hospital, a young, energetic and well-educated Chinese gentleman, made advance arrangements for me to visit the radio station.

In the afternoon of my one day stay in Penang (in the morning I visited "Radio RAAF Butterworth") I joined a small group from the hospital staff, and we walked across the tree lined suburban roadway to Radio Malaysia Penang. The manager of the radio station is an elderly Malay gentleman, who is one of the few radio veterans still living, and working with Radio Malaysia. He was working in the old Radio Penang before World War 2 came to Malaya.

Penang Island is situated just a short ferry ride off the west coast of the Malay peninsula. It is 10 miles long and 5 miles wide, and beautifully rugged. There is a cog railway, and a cable way, which enable tourists to visit the tops of the ranges for a fantastic view of mountain and sea. Penang has, very approximately, half a million population, made up of Malay Chinese and Indian peoples. The main city is officially Georgetown, but it is known colloquially as Penang. And there are lots of monkeys roaming wild in the tourist parks.

The first radio broadcasting service on the island of Penang was established in the year 1935. It was owned and operated by the Penang Wireless Society, and the original transmitter, which radiated in the 49 m band, emitted a mere 90 watts. This station was on the air for a few hours a week, under the international call sign ZHW. The studios, offices, and transmitter were all housed in the same building, which was located near what is now the main highway to the Penang International Airport.

Around the year 1939, the SW transmitter at Penang was upgraded to 10 kW. However, when the Japanese came, this was removed from service and re-installed at Jurong in Singapore. A smaller unit was temporarily utilized in Penang.

After World War 2, the British Military Administration installed two small units of 7t and 400 w. At this stage, these transmitters operated as VS2F and VS2F2. These small units were quite soon replaced by transmitters of 1 kW and 2 kW.

In the late 1960's the old installation of Radio Penang was abandoned and two new sites secured. One was in Burmah Road, for studios and offices; and the other further out along the highway to the airport, for transmitters and antennas. The modern three storey studio block houses several studios in which radio programs are prepared in 4 languages; English, Malay, Chinese, and Tamil. Many TV programs are also produced in these studios, though the films are televised from Kuala Lumpur for relay to all units of the Malaysian TV network.

The transmitter site is on the side of a hill overlooking the waterway which separates Penang from the mainland Malay peninsula. Ten transmitters were installed, 5 for use on MW and 5 for use on SW. All of these are rated as 10 kW.

On MW, three transmitters are used simultaneously for programming in 3 different languages. One transmitter is a standby, and the 5th is used, when needed, for jamming clandestine broadcasts from other countries. The 3 MW channels in constant usage are 606, 865, and 1035 kHz.

On SW, four transmitters are in use mostly 24 hours daily on four different channels, 4985, 7200, 7295 and 9710. One antenna is beamed towards Burma, another towards Vietnam and a third towards Medan in Indonesia. The fourth is an omni-directional tropical scatter antenna covering the Malay peninsula.

An additional transmitter of 75 kW was more recently installed at the Penang transmitter base, and another 100 kW unit is under active consideration.

Programming for the 7 MW and SW outlets of Radio Malaysia Penang generally comes on relay from Kuala Lumpur, though local programs are also originated from the Penang studios. The station will QSL all correct reception reports received from its target areas.

RADIO SHACK'S NEW RECEIVERS

As you all know, Radio Shack has introduced two

new receivers - the DX-200 and the DX-302. Several members have written articles about these two receivers. In addition, I have received a post-mortem on the now defunct DX-300. All I can say is read the 3 articles below and decide for yourself.

THE DX-200 AND DX-302: Reviewed by Bob Flick

Radio Shack is moving out the DX-160 for \$119.95. The DX-300 is going for \$259.95. These sets are being replaced with a DX-302 and a DX-200.

The DX-200 is a single conversion receiver with 455 kHz I.F. using a ceramic filter. Coverage is from 150 kHz to 30 MHz using 5 bands. Drum type dials are used on general coverage and bandspread. Bandspread is calibrated for the Ham bands as well as the 59, 49, 40, 31, 25, 19, 16, and 13 meter shortwave bands. A 500 kHz calibrator is built in.

AM sensitivity is reported as 1 uv on shortwave bands. Selectivity is listed as -6 db 4 kHz; -40 db 8 kHz. A separate product detector is employed for SSB and CW signals. The external appearance of the set is similiar to the DX-300 except for the drum type dials.

Looking at the schematic I judge this to be an improved version of the DX-160. Calibration looks much better than the DX-160. On paper, sensitivity and selectivity figures look much better.

The DX-302 is an improved version of the DX-300. Externally, the set looks the same as the DX-300, with the following exceptions.

1. The Audio Selectivity Switch has been changed to actuate a wide and a narrow filter. Wide selectivity is listed as -6 db 3.5 kHz; -60 db 6.0 kHz. Narrow selectivity is listed as -6 db 2.5 kHz; -60 db 4.0 kHz.
2. The fine tune control has been changed to a BFO pitch control and only works on SSB or CW. In tuning, the additional selectivity was quite noticeable on AM. On SSB the improvement was tremendous.

No indication whether there has been improvement in quality control or the front end overloading problem has been corrected.

I asked if we could trade our old DX-300 sets in on a new one. Also, asked if the filters could be installed in DX-300's. The manager did not know. The DX-200 will sell for \$229.95 and the DX-302 will go for \$399.95.

NEW DX-200: Reviewed by Kevin Lippmann

On my last visit to Radio Shack, I noticed a new shortwave-radio up on the shelf, the DX-200. It lists for 259.95. The receiver covers .15-30 MHz in five bands and is all solid state. The DX-200 is a single conversion radio with a superhet circuit. The selectivity is controlled by a 5-element ceramic filter. The set looks exactly like the DX-300 with a few minor alterations.

The front of the DX-200 has the following on it: S-meter, BFO, antenna trimmer, 500 kHz marker, AF and RF gains, headphone jack-Bohms, main and bandspread tuning knobs and readouts, mode switch-AM, AM/ANL, USB/CW, LSB/CW, STBY, and a slo-fast AGC switch.

And on the back: external speaker jack, 10 (to ohms)-hi impedance screw type antenna terminals, ground, and a mute screw terminal.

I borrowed a pen from the store manager and jotted down the following specifications from the owners manual:

Selectivity: 1 microvolt on all frequencies
Selectivity: 4 kHz @ 6 db and 8 kHz @ 40 db
Image ratio: 55 db @ 250 kHz
 30 db @ 7 MHz
 15 db @ 21 MHz
AGC @ 7 MHz: 10 db change in output for 80 db change in input
BFO pitch range: plus or minus 3 kHz
Complement: 13 transistors, 5 FETs, 16 diodes, 4 ICs

I turned on the DX-200 and went to the 19 meter band. There was no external antenna hooked up to the receiver. I immediately heard Radio RSA on 15155 at 2100 GMT with an S-7 signal.

I then went through the 16 and 13 meter bands, hearing RCI, VOA, etc. That was about all the listening I had time for.

Here is what brief impressions I have to pass along: The sensitivity was good and the selectivity just mediocre. Tuning was both difficult and fairly inaccurate. I found the 500 kHz calibrator useless. The RF gain control tamed signals very nicely. I did not try the SSB reception mode. But EFO..... Overall, the DX-200 seems to be only a small step up from the DX-160, and with the DX-300 on sale for \$260, it makes me wonder why Radio Shack put a new shortwave receiver on the market. Well, we'll just have to wait and see what Radio Shack has up their sleeve.

THE DX-300 GIVE AWAY: Review by Ronald A. Pokatiloff

\$260 was all Radio Shack wanted for their discontinued DX-300 digital-quartz super receiver - so read the advertisement. I couldn't believe it!! After calling two stores, with no luck, I finally found one at a third Shack. Here is a non-technical, personal appraisal of this very controversial radio set.

FRONT PANEL: The controls work well. The attenuator, audio, and RF gain switches are especially useful. The main tuning dial works smoothly. All it takes is one finger to easily move it. The ANL helps. The digital readout shows either the exact frequency, or it jumps up into the next kHz. The signal strength meter is strictly Mickey Mouse however.

AM SHORTWAVE: Selectivity is 5 kHz in most instances, with powerful vs. weak stations sometimes requiring about 10 and occasionally 15 kHz. When listening to independent sideband feeders, there is only slight crosstalk between the channels. The sensitivity is excellent. In fact, this unit is so touchy that a number of spurs are present - most of them are faintly heard. Sometimes you have to flip the attenuator switch up to the 20 db position to help correct this problem (along with other interference).

SIDEBAND: One good point and a number of bad ones. First of all, when you tune 3 kHz up from the carrier to upper sideband, for example, you can almost perfectly tune in the audio pitch before the station transmits! It's that easy. But the radio has a little more drift than I expected. This is a problem at times. Usually the receiver quickly settles down after tuning. Another inconvenience is the fine tune control, which is too small, poorly located for right handers like myself, and only covers 1 kHz. (Because of drift, it is sometimes necessary to adjust both the kHz dial and the fine tune.) Don't get me wrong - the sideband reception is still good. (My Drake SSR-1 is much better, although the selectivity is not quite as good.)

MEDIUM WAVE: The unit works surprisingly well. The US frequency channels are well separated. However, some of the powerful locals cause interference. The radio operates best when using the coax antenna connector (outside longwire) and attenuating down to 20 dbs. Spurs are especially bothersome on long wave. The DX-300 has a built in ferrite rod antenna which may help when dialing below 2 MHz. The manual gives good advice on handling spurs.

AUDIO: The sound is very good. With the audio switch in the wide position, the set exhibits excellent bass response for communications receivers. (I use my radios in conjunction with my Pioneer SX-650 receiver - one radio for each channel. I run my cables from the head-phone/extension speaker jack, NOT the tape outputs. In this way I can use the audio controls on my radio equipment. Radio Shack has adapters for this purpose.)

SUMMARY: The DX-300 is a very good receiver which, in my opinion, should not have been discontinued. Maybe they had problems with the manufacturer - I don't know. At the original \$380 price, the DX-300 was a bargain. At 260 bucks, one can only call it a GIVE AWAY!! I am very very lucky. It may not be as good as the big boys; but it didn't cost me an arm and a leg. (Additional: Radio Shack has just released their DX-200, which appears to be a compromise between the DX-300 and 160. It sells for about \$290 and has mechanical tuning drums like Kenwood's R-300. Also, I just learned that the DX-300 is being replaced by the DX-302, which will go for about 400 dollars.)

TIDBITS

STAMP COLLECTING AND DXING: SW listening has recently received a boost in the stamp magazine Stamp Collector with three articles by ham radio philatelist Bob Rinadli. In the 2/9/80 issue he boasts how he has used DXing to build up a fantastic stamp collection. In fact, he frequently finds the incidental stamps and covers to be even more interesting than the enclosed QSLs. In the 4/12 and 4/19 issues he tabulates and summarizes philatelic programs recently heard from R. Nderland, V. of Turkey, R. Australia, R. Portugal, R. Cairo, etc. (Dave Maxfield)

BOO BOO DEPARTMENT: Don Johnson has informed me that A-TRONIX no longer carries the GMT wristwatch advertised in the May edition of Tips and Topics. Thank you. *Arthur*

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INDEX

KEYNOTES.....	OLIVER ELLSWORTH	2
PROGRAM PANORAMA.....	WOODY SEYMOUR	5
TECHNICAL TOPICS.....	SANDY BLAIZE	7
SWBC WESTERN HEMISPHERE...	CHRIS HANSEN	8
EUROPE.....	TIM MCCURDY	15
AFRICA.....	WAYNE OLIVER	20
ASIA/OCEANIA.....	JIM MAYER	25
STATION SKEDS.....	CHRIS LOBDELL	31
QSL REPORTS.....	BOB DONLY	34
TIPS & TOPICS.....	ART GETZEL	41
COVER DESIGN FOR JUNE:	STU HALL	

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