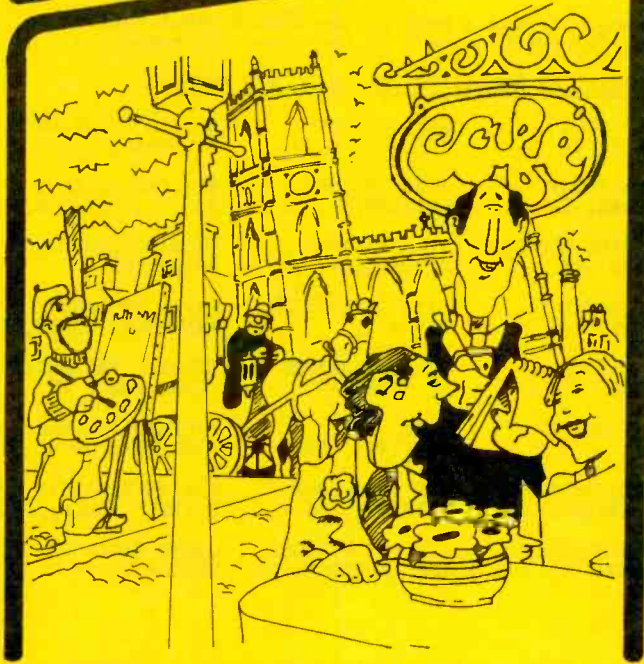


# SPEEDX

"THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS"

## Montréal



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JULY 1978

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# KEYNOTES



Editor: OLIVER ELLSWORTH  
2043 West 75th Street, Los Angeles, California 90047

SPEEDX IS 7 YEARS OLD, SO TO SPEEDX

## HAPPY BIRTHDAY

### CONGRATULATIONS ALSO TO 5 NEW FULL MEMBERS

DEAN BIRKHAUSER  
WILBRAHAM, MA

MATTHEW BROWN  
MEQUON, WI

JOHN FISHER  
CHELMSFORD, MA

TRAVER SMITH  
SAN JOSE, CA

SCOTT TACOMA  
LA MESA, CA

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

### SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

RICHARD DURAN  
LAWRENCEVILLE, NJ

DAVID COOK  
VENICE, CA

GEORGE CADY  
CHICAGO, IL

RONALD POKATILOFF  
WAUKEGAN, IL

CHARLES McMAHON  
GREENVILLE, RI

ROGER ROOSA  
BAYTOWN, TX

JOHN LEDFORD  
BRIGANTINE, NJ

WILLIAM SHARP  
NORTH HOLLYWOOD, CA

JERALD ROSEN  
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RICHARD SCHMUCKER  
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AUDUBON, NJ

ERIC BRYAN  
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KATSUJI YOSHIOKA  
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WALTER TOMCZTK  
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JIM POLSON  
CANADA

JIM ASHABRANER  
MT HOME, AR

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ALFRED GREEN  
EL SEGUNDO, CA

SEIJI UDA  
JAPAN

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VIRGINIA, MN

RICHARD DeKOVER  
EAST RUTHERFORD, NJ

AKIRA WATANABE  
JAPAN

ERASMO VERGARA  
LOS ANGELES, CA

JOE TRUEBLOOD  
WAUNAKEE, WI

MIRIAM BENJAMIN  
BEVERLY HILLS, CA

ROBERT DALLY JR  
POLAND, OH

ROGER SABELLA  
CHICAGO, IL

EVERETT CARROLL  
LOS ALAMITOS, CA

JAMES GALLUCCI  
PORTLAND, OR

JAMES MILLS  
BRITISH WEST INDIES

We hope that you will be as happy as we are in having you join SPEEDX. Read your new member packet, and start today in sending your loggings to the various editors, and items to the other editors. Your in-put is what makes SPEEDX one of the top clubs in North America.

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### CENTRAL DISTRIBUTION EDITOR

A reminder that Bob Zilmer, P.O. Box 697, Milwaukee, WI 53201, is the SPEEDX Distribution Editor for those that wish to use that service. Bob's deadline is the 10th of the month. When you know that you will miss his deadline and or contributing to but one editor, it is suggested that you mail directly to the editor of the column/section. His deadline is the 15th of the month.

## AREA GET-TOGETHERS

New editor and long-time SPEEDXER, Woody Seymour, P.O. Box 848 Sanford, NC 27330, would like to get in touch with nearby members for possible area meetings. Drop Woody a note if any where near his postal zip code, and interested.

SPEEDX encourages these area get togethers. They can develop into mini conventions, and perhaps host future ANARC conventions.

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Steve Kennedy, P.O. Box 132 Immokalee, FL 33934 is interested in getting in touch with area DXers for eyeball meetings, tapesponding and corresponding in South Florida. Contact Steve at the above address, or phone Steve at (813) 657-4747.

Steve suggests that you listen to Radio Clarin, for a special tape that he prepared for Broadcast.

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## FULL MEMBER STATUS

Members are reminded that to remain a full member of the club, you must accumulate at least 10 credit points each year. With election coming up in 1979, you don't want to become short in nominating and voting for a slate of Board of Directors. Some members were caught short for the 1977 election.

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## INDOOR ANTENNAS

Perhaps you missed our request for indoor antenna designs in the June issue. This is an important project that SPEEDX would like to pass on to our members by way of a printed brochure. Many of you must be using indoor antennas that have proved successful. Please send your design to headquarters.

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## NATIONAL BASIC INTELLIGENCE FACTBOOK

This CIA publication gives basic data on 188 countries of the world. The data includes info on each contries people, type of government, economy, transportation system, defence forces and more. 221 pages of good info. Cost \$5.00. Order from: Superintendent of Documents, U.S. Government Printing Office, Washington DC 20402. Order stock number 041-015-00088-8.

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## TELEPHONE DX HOT-LINE

A group of DXers in the Escondido, Encinitas, CA area are interested in establishing a DX Hotline. Format has yet to be finalized, but would work as follows: During the week at a specified time you would call in your hot DX. It would then be edited and recorded on an endless tape loop. During the week-end, you would call the hot line number and get 2-3 minutes of late DX info. Comments, suggestions, questions and ideas should be directed to Dan Sheedy, Box 31, Encinitas, CA 92024, or Radio West, 3417 Purer Road Escondido, CA 92025.

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## WWV FOR CORRECT TIME & PROPAGATION INFO

Rob Harrington CO advises us that you can call WWV (303) 499-7111 24 hours of the day and 7 days a week for the correct time. Propagation info may be obtained by calling (303) 499-8129. Space environmental services is a one minute recording and is changed 3 to 5 times a day.

## EDITORSHIP CHANGE

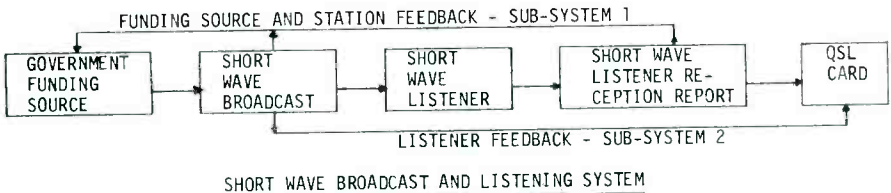
TIM McCURDY, 271 Starlight Crest La Canada, CA 91011, will replace Wade Smith as the European editor beginning with the August issue. We wish to thank Wade for filling in as a temporary editor, I am sure Wade will be editing another column for SPEEDX before too long. Thanks again Wade, and welcome back Tim. Many of you will remember Tim as a Co Editor for the Western Hemisphere column.

## A SHORT WAVE LISTENER SPEAKS OUT

By John Wagner

In these days of, what appears to be, universal rising costs, government budget deficits and the re-shuffling of government spending priorities in keeping with changing economic and social needs, it is, in my opinion, completely understandable to short wave listeners everywhere that government attention to the amount of funds allocated to short wave broadcasts is under the same careful scrutiny as are all government funded programs. As taxpayers, we are aware and encouraged that the system for allocating government funds is constantly being studied and improved in a manner befitting government's fiscal responsibility to electorates in all countries.

Quantifiable, tangible evidence or results in the way of listener's reception reports is one form of effectiveness measure of the government monies devoted to short wave broadcasting, and again, as short wave listeners enjoying a longstanding, respected hobby, we can appreciate doing our share in the important task of generating prompt and accurate listener reception reports to ensure that this seriously threatened hobby remains viable, not only for ourselves, but for future generations as well. Put very simply, we the short wave listeners have to cooperate to preserve what has been for all of us an enjoyable and rewarding pastime. Recognizing our responsibility for the continuation of short wave broadcasts, we should willingly do our part in return for the hours of enjoyment provided by the shortwave broadcasts and the respective governments funding these broadcasts. One and all have our deepest appreciation. So much for the listener, our responsibility and the first leg of the communication feedback sub-system depicted in the chart below.



SHORT WAVE BROADCAST AND LISTENING SYSTEM

Now to an equally, if not more important feedback loop in the communication system. Sub-system 2 depicted in the chart is the mechanism or the satisfaction on the part of the short wave listener by the short wave broadcaster for having cooperated, namely the receipt of the treasured QSL card. That event, if you will, completes the loop and satisfies, what is, in my opinion, the responsibility of both parties. A QSL card is not to be taken lightly. It is an integral part of the excitement, thrill and adventure of short wave listening, not an academic exercise or peripheral activity with little or no meaning to the short wave listener. Again, we the responsible short wave listeners are alert to rising mail costs and the unrealistic and excessive demands placed on shortwave broadcasters on the part of some short wave listeners to receive multi-QSL cards in a short period of time. It is my understanding that this topic is to be discussed at length at the up-coming meeting of short wave listeners to be held in Canada and it is an issue with many faceted dimensions, many of which are valid. Abuses notwithstanding, it is of little or no satisfaction to me, the reasonable and concerned short wave listener, when, after investment is made in an air mail stamp and IRC/s to satisfy my obligation as a listener, to receive a QSL card three or four months later or worse yet, no QSL card at all. Needless to say that, in my view, there is a responsibility on the part of the short wave broadcasters to fulfill a very real and vital need on the part of me, the listener; station verification. Both parties, listener and broadcaster, should recognize their respective responsibilities and realize that the total communication feedback loop is not closed until sub-system 1 and 2 are completed.

Let's us, the short wave listeners, shake out the un-reasonable demands placed on the broadcasters in terms of QSL and other abuses. But, at the

same time, it is the genuine appeal of this writer that broadcasters consider their obligation to the listener in the formulation and administration of their short wave broadcasting and verification policies in order that short wave as a service and as a hobby may flourish to the mutual satisfaction of both parties.

If we do our fair and reasonable share, the results might well prove synergistic (1 plus 1 equals 3) and the payoff of that effort could lead to the enrichment, embellishment and perhaps even a revival of short wave broadcasting and listening, something of significant importance to each of us.

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Ed note; John's article not only conveys an excellent message, but is also timely. We should all be concerned during the "International Broadcasters Year 1978". Too, SPEEDX will be at Montreal during the ANARC Convention.

### THE ABSENT-MINDED DXER

By Sp5 Phillip V. Moody

After waiting for what seemed like a month of Sundays for my new FRG-7, it finally arrived. The week was spent in joyful bliss seeking out new stations in the extended tuning range of the new gear. My new found joy was dashed on the rocks this morning when I sat down to search the bands.

I had turned my receiver on earlier this morning after crawling out of bed. I then proceeded to take care of the chores which always befall a GI on his day off. When I finally sat down to work with the receiver my eye was caught by a little red light. I adjusted my dials to "lock" the tuning circuits, but to my dismay the lamp would not go out. After checking out all my settings, my antenna, and the status of my laundry. I was beginning to lose hope. It never fails, something always quits on me.

As I transferred my wash from washer to dryer I thought what I might tell the dealer when I wrote back to tell them of my disaster. Surely they would write back and tell me some simple adjustment I could make so I wouldn't have to pack my new receiver up and put it back into the "safekeeping" hands of the U.S. Postal Service. Walking back to the room I tried to estimate how many weeks (months) it would take before the receiver was once again sitting on my desk.

Later in the morning, after trying to lose my dismay by reading a good book, I happened to be near my desk when I saw the light-in more ways than one. It was the light on my digital timer that caught my eye. The problem with my receiver was now obvious. If one does not by-pass the timing mechanism of this nifty little clock/timer, there is no AC applied to the receiver.

As you have probably guessed, I had done just that. The receiver's battery pack had taken care of the lack of AC when I turned it on. Time in turn, had taken care of the battery pack. I switched AC to the receiver and smiled happily as my tuning circuits "locked" in and that little lamp went out.

My assignments with the Army have permitted me to work a fairly wide range of communications equipments. My "vast" knowledge in this area has been acknowledged by my friends here in the barracks who have dubbed me as "The Master Communicator". Seriously, though, I can remember times when I have the troubles on teletype circuits half way around the world to discover that some operator (we have other names we use in this case) had left his teletype turned off. Then there was the time that a commercial satellite earth terminal left us somewhat wanting for communications when they suddenly went off the air. It seems someone had disconnected power to the charging circuits for their batteries. There is always time at work for relating such stories and the problems talked about were always at some other station, never our own. I can assure you, though, that my little escapades with the FRG-7 will never be brought up in one of those discussions. After all, I can't be tarnishing the reputation of a "Master Communicator", can I?

# PROGRAM GUIDE

JULY 1978



ORF  
ÖSTERREICH

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

Welcome to the second edition of this new SPEEDX column. No, the column has not been named "Program Guide". The name contest is still in progress, and the column name and contest winners will be announced next month. Be sure to send in your contributions to the column today!

AUSTRALIA...Radio Australia broadcasts Keith Glover's Mailbag program at 1940 GMT Saturday and at 0140, 0740 and 1240 GMT Sundays. Club Forum is heard at 2040 GMT Fridays and at 0240, 0840 and 1440 GMT on Saturdays. Pop music in some form can be heard daily from 0910-1100 GMT.(all direct) Denis Gibbons Sings can be heard Saturdays at 0110, 0710, 1310 and 1910 GMT. The series is fifteen minutes of the songs and stories of the Australian pioneer.(Jim O'Brien, Surrey, B.C.)

AUSTRIA....Report From Austria can be heard daily to North America at 0130 and 0330 GMT. A feature program can be heard daily following the "Report"--all days are GMT days--Monday--Post Box 700 at 0130, Austrian Musical Trip at 0330; Tuesday--Sports Review; Wednesday--Austria and the U.N.; Thursday--The Austrian Economy; Friday--Pop Corner; Saturday--The Week In Austria; Sunday--For Tourists. Additionally, Austrian Shortwave Panorama can be heard at 0300 GMT Sunday. (direct)

FINLAND...Feature programs are first broadcast over Radio Finland at 1930 GMT daily. They are then repeated at 2130, 2300 the same day and at 0930, 1300 and 1430 GMT the following day. For example, Monday program is first heard at 1930 GMT Monday and last heard at 1430 GMT Tuesday. The lineup: Monday--Starting Finnish, Fresh Air or Made in Finland; Tuesday--Voices of Finland; Wednesday--Spotlight, Helsinki Calling; Thursday--Standpoint, On the Town or Off the Cuff; Friday--Newsmagazine; Saturday--Letterbox; Sunday--Finland in Focus or Out & About. A special 90-minute feature transmission, Sunday Best is heard at 0800 and 1300 GMT Sundays. (direct)

GREAT BRITAIN...The BBC World Service has the following programs scheduled for July: The State of the Unions explores the labor situation in the UK beginning July 12 at 1430 GMT Wednesday, 0330 GMT Thursday and 2030 GMT Friday; The Promenade Concerts are an annual treat for lovers of classical music. Concerts are scheduled for 1830 GMT on the following days: July 21, 22, 28, 29 and 31. People and Folk is a series devoted to a different subject each week and its representation in the folk music of Britain. Tune in Sundays at 0530 GMT, Tuesdays at 0215 GMT and at 1115 GMT Thursday for this month's topics: War, Love Songs, Women's Lib, Sport, Sea Fishing.(Jim O'Brien) A Taste For Adventure begins this month(July 31). Each week a different "adventurer" will be interviewed @ 0315 GMT Mondays, 0745 Tuesday, 1115 Wednesday and 2145 Friday. (London Calling, except as noted)

SOUTH AFRICA...Radio RSA has the following schedule for North America at 2230-2320 GMT: News daily followed by Comment Monday through Thursday, World Affairs Friday. South African Panorama follows Monday-Friday. The following feature programs can be heard on the indicated days: Monday--Special Report and Conversation Corner; Tuesday--RSA Alphabet and P.O. Box 4559; Wednesday--New Nations and DX Corner; Thursday--Spectrum RSA and Fibre of the Nation; Friday--Comment and Opinion and Talking Point. Saturday Night RSA and DX Corner follow the News on Saturdays. Africa Survey, P.O. Box 4559 and Sunday Service are heard after the News on Sunday. (Joe Potaczek, Chicago, IL and direct from "RSA Calling" magazine for May-October 1978)

HAPPY BIRTHDAY TO SPEEDX FROM "THE PROGRAM PAGE"!!!

PROGRAM PAGE #2

PROGRAM SCHEDULES...The best source of program information for shortwave listeners is news from the station itself. Nearly all of the major stations heard will send listeners a program schedule on request. This service is of mutual benefit to station and listener, but for the latter, it can get to be an expensive proposition, especially if he listens to many stations. There are a number of stations which provide an even better service for listeners. These stations provide listeners with program and frequency schedules on a regular basis--through a mailing list. Below you will find a list of stations which provide this service. The list is not intended to be all-inclusive, exhaustive, perfect, etc. It will enable you to get maximum program and frequency information at a minimum of cost. Only stations with some sort of mailing list arrangements will be listed--others(like VOA) will provide schedules only on request.



EUROPE

- AUSTRIA--ORF--program schedule 4 times a year--pamphlet form
- BELGIUM--RTB--program schedule 4 times a year--pamphlet form
- CZECHOSLOVAKIA--Radio Prague--program schedule twice yearly--pamphlet
- FINLAND--Radio Finland--program schedule 4 times a year--pamphlet
- FRANCE--RFI--program schedule reportedly 4 times a year--pamphlet
- GERMANY(WEST)--Dw--"Hallo Friends" English magazine 6 times a year;  
German language schedule monthly--pamphlet
- GERMANY(EAST)--RBI--"RBI Journal" newspaper 4 times a year
- GREAT BRITAIN--BBC--"London Calling" magazine monthly for \$10/year;  
schedule sheet 4 times a year for free
- HUNGARY--Radio Budapest--"Budapest International" monthly
- ITALY--RAI--colorful schedule 4 times a year--magazine form
- NETHERLANDS--Radio Nederland--program schedule twice yearly--pamphlet
- NORWAY--Radio Norway--beautiful pamphlet schedule 4 times a year
- SWEDEN--Radio Sweden--program schedule 4 times a year--pamphlet
- SWITZERLAND--SBC--program schedule twice yearly--pamphlet
- USSR--Radio Moscow--program schedule twice yearly--booklet

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AFRICA

- GHANA--Radio Ghana--program magazine 4 times a year
- SOUTH AFRICA--Radio RSA--"RSA Calling" magazine published in May and  
November; frequency update pamphlet published  
in March and September
- SWAZILAND--TWR--program schedule 3 times yearly--pamphlet form

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ASIA/OCEANIA

- CHINA(Peo. Rep.)--Radio Peking--"Peking Review" weekly magazine has RP  
schedule on back occasionally--limited  
time that listener is on mailing list
- CHINA(Rep. of)--BCC--newspaper sent for limited time only
- INDIA--AIR--"India Calling" magazine published monthly--will send for  
extended period of time on request
- JAPAN--Radio Japan--"Radio Japan News" monthly--small newspaper
- TURKEY--VOT--program schedule magazine 4 times a year
- AUSTRALIA--Radio Australia--program poster twice yearly; frequency  
aerogramme 4 times a year

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WESTERN HEMISPHERE

- CANADA--RCI--pamphlet schedule twice yearly; blank QSL card in spring
- CUBA--Radio Havana--program schedule 4 times a year, but only mailed  
about twice a year; very thin paper used; also  
sends unique New Year's card each year and oc-  
casional special publications or newspapers
- ECUADOR--HCJB--program schedule 3 to 4 times a year sent to ANDEX mem-  
bers only regularly--everyone else only on request
- USA--WYFR--program schedule 4 times a year; donation requests monthly!

What length of time will a station keep you on its mailing list? A lot of the Communist countries will keep you on their lists indefinitely. I've been receiving schedules from Hungary and Cuba since 1969. Other stations make you send in a renewal card every two years or so. Many Western stations on tight budgets require this renewal. Practically speaking, if you are interested sufficiently in a station to have a sked sent, keep in touch and you'll remain on their list indefinitely. *W. Zimmerman, G.*



# DX MONTAGE

RESEARCH/COMPILATION/REDUCTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

VAR ÄR NI, SVERIGES RADIO? (or "Never Let Your Left Hand Know what Your Right Is Doing!"): One weekend early in May Dr. Richard Wood, ertswihle DXer and linguistic expert, attended the annual meeting of the Society for the Advancement of Scandinavian Study. Among those participating in the conclave was an official representative of the New York-based Swedish Information Service. Not able to resist the temptation, Dr. Wood decided to indulge himself in a little role-playing. As he states it, "in a naive-seeming way", he asked whether Radio Sweden could be received in New York, or even if it broadcast in that direction. As reported to us, the representative informed Dr. Wood that Radio Sweden could not be received in New York and that it did not broadcast to New York...the reply coming very firmly... with numerous pseudo-scientific arguments and explanations. "When I suggested to her that I had previously lived in New York and believed that, there, I had received it, she countered this suggestion vigorously and broke off the conversation sharply", Richard relates. Obviously....and unlike some other similar organizations in New York, perhaps most notably the British Information Services...the Swedish Information Service is not boosting efforts by Radio Sweden to increase its listening audience in eastern North America...Of course, in view of current reception conditions, there are nights when your editor, too, wonders if Radio Sweden can be heard in this region...or even if they broadcast in this direction... Det är synd...but Happy Birthday anyway, Radio Sweden...



YOU'RE NOT LIKELY TO HEAR IT ON RADIO CAIRO, BUT... recently work had been progressing on the east bank of the Nile where Egyptian laborers hacked giant blocks of limestone from an ancient quarry...some wielding wood and stone tools of antiquity. Across the river...near the Pyramids of Giza... a 9,200 square-foot site is being prepared under the guidance of Japanese archeologists....for construction of a pyramid! That's right! A pyramid! And why not? As Newsweek magazine notes, if the Japanese can sell cars in Detroit, why shouldn't they build a pyramid in Egypt? The finished product will be 65-feet high and has been built just as in the days of the Pharaohs. The exercise in authenticity will highlight a pair of Japanese TV documentaries on the process...But, the Egyptian Government has specified that once the project is completed, the ersatz pyramid must be dismantled and the stones carted away.....Egypt really doesn't need another pyramid...but your next Radio Japan QSL card may be made of limestone....

### ACORNS FROM OAKDALE:

If you're paying for your exorcism on the installment plan and do not keep up your payments you can be repossessed...

### SHORTWAVE CRAFTITI:

PERUVIAN STATIONS  
PLAY MUSIC BY THE  
INCA SPOTS

### STAMP OUT POSTAGE:

As all U.S. residents know by now it will cost two cents more to get those logging reports to Bob Zilmer from now on, but international rates for now at least are to be unaffected by the increase.... Cheer up! Mike Hardester reminds us that the French Post Office raised first class rates to 20¢ some eighteen months ago...See! Could be worse!

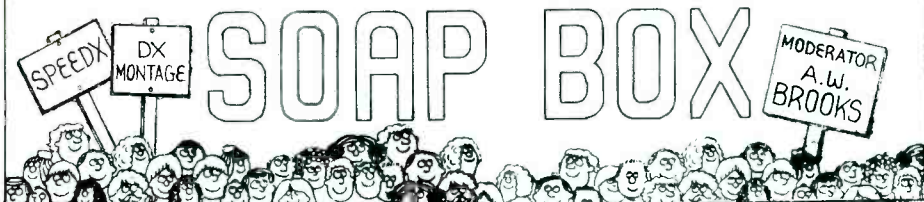


### YOU REALLY KNOW YOU'RE A DXER WHEN...

...you ignore the ladies at a radio convention, but get turned on by an R4B with the back panel down...

- Diane S. Levesque



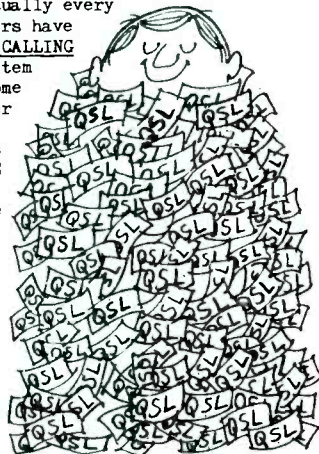


Periodically...as in our March edition of SOAP BOX...discussion turns to the vagaries of SINPO Code employment. Boston area SPEEDXer BOB FRASER has a few thoughts in that vein:

"...I, too, find the 'overall merit' too ambiguous a term. I decided, finally, to mark this by how much of the transmission I could make out. For instance, if I am able to understand 9% to 100% of the words, I would give '0' a 5; but if I could understand only two-thirds of the message, then the '0' would get a 3. Once in a while, there would be a fairly loud station which would have poor modulation. With no interference or noise to speak of and little fading, it would get a SINPO of 45552. Then I would have to explain why the overall merit was so poor..."

"I would like to propose replacing the '0' with 'R' for 'readability...a term I've swiped from Ham radio...making it SINPR (or SIR). I think 'readability' is more to the point... after all, getting the message across is what radio is all about..."

Perhaps as a "finis" to the subject under scrutiny from virtually every possible point of view since November 1976 a trio of SPEEDXers have called attention to an article culled from the pages of RSA CALLING ...the subject, of course, is "DXing and SWling"...and the item forwarded is entitled "What Is A DXer?"...and it suggests some complex definitions for the radio listener. Maryland SPEEDXer Bruce Chituck, one of our contributors, thought the article worthy of mention. Essentially, the article author purports that enthusiasts be divided into six categories...the NOVICE RADIO LISTENER, which, of course, is the absolute beginner... the RADIO COUNTRY CHASER, ye olde QSL card collector....the PROGRAM LISTENER, who expresses specific tastes in subject matter...the SHORTWAVE LISTENER, who expresses interest in varied broadcast material...the RECEPTION MONITOR, a semi-technical listener...and, finally, the hobbyist who knows most things about radio listening...whom he calls the DXER. As SPEEDXer Ed Insigner notes this could well result in "a myriad of titles for, shall I say, shortwave radio enthusiasts of one degree or another"...the third member forwarding this item was Indiana SPEEDXer Jerry Dalum who probably captures the spirit of the whole affair when he states, "I personally chase countries, collect QSLs, and at times listen for program content, but, mainly, I enjoy myself..."



On the other hand, Buffalo SPEEDXer Gary Rafe feels that as an Amateur Radio Operator and a Shortwave Listener he has come up with simple definitions for the terms "SWL" and "DXer" ...which he notes work just fine with him:

"An SWL is anyone who listens to any broadcast, be it for programming or 'DX'; all he does is listen..."

"A DXer, on the other hand, is a licensed radio amateur, or 'HAM', who not only listens to DX countries, but works...or talks to over the air...them as well..."

Well, SPEEDXers, looks like ya pays ya money and ya takes ya choice, after all...don't it?

A new SPEEDXer, Maryland hobbyist PAGE PYNE, seeks opinions on a different subject:

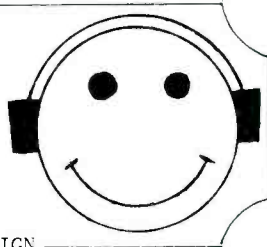
"ARO stations are excluded from SWBC or utility classifications for good general reasons. I wonder, however, if we could count some amateur stations in the utility listings. I am referring to the ham stations that send bulletins or code practice on announced set skeds. In effect these stations are ham radio broadcast stations. For instance, W1AW, the ARRL QTH station in Connecticut sends out bulletins and code practice to anyone who listens... according to a set schedule. CW, SSB, and RTTY is used in a typical broadcast day. They will even furnish program schedules on request...Another paradoxical example would be the amateur radio satellites which contain beacon marker signals such as OSCAR 8 on 29402 kHz. It seems to me that these could be counted as bona fide utility stations as they perform a defined service in their respective areas..."



# HAP PENINGS

## HANDICAPPED AID PROGRAM

WAYNE DAVIS - DIRECTOR  
27 Cleveland Ave  
Trenton, NJ 08609



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

How would you like to add valuable information to your DX library, and support the Handicapped Aid Program at the same time. You can do just that by ordering the latest tape series offered by the folks who brought you the popular interval signal and language identification tapes.

HAP'S new tape series is now available, and includes information bound to strike the fancy of the novice and experienced DXer. Tape one of the four tape series covers such topics as short wave propagation and the ionosphere, the E layer of the ionosphere, the Northern Lights and an ionospheric phenomenon known as ionospheric donuts. Ever wonder what all that technical information describing your receiver means? If so tape two might be just what the doctor ordered. It explains receiver specifications, jamming, harmonics, images and covers the basics of reception reporting. Tape three in the HAP series is a complete receiving antenna course that answers such vital questions as "What's the Best Antenna?" and "To ground or not to ground?" The final tape is a frequency management course that discusses the roles of the ITU and IFRB as well as short wave interference and man made noise examples of both.

If you would like further information on these tapes, or would like to order an individual tape or the complete set, send a self-addressed stamped envelope to the address above and we'll rush the info to your radio shack. Each cassette tape costs \$4.50, while reel to reel tapes are priced at \$5.00 each. This price includes air mail postage to anywhere in the world.

All cash raised through the sale of these tapes will enable the Handicapped Aid Program to further it's work of introducing the radio hobby to the physically handicapped. Last year, HAP held a successful membership drive where over 70 disabled listeners were added to the ranks of DXers around the world. Since most were new to the hobby, HAP provided receiving equipment, club memberships, hobby information and other services. If HAP is to continue in it's task, it must raise needed cash. You can assist HAP by ordering your tapes now. You'll be pleasantly surprised when the mail man delivers them to your door.

In other news, we would like to announce the appointment of Ruth Vollrath as HAP publicity chair-person. Ruth is an amateur radio operator from Marshall, Missouri who recently tuned in to the exciting world of short wave listening. She should become a familiar voice in your household real soon, however, as she will be hosting a HAP report to be aired monthly on HCJB's popular "DX-Party Line." We would like to thank long time HAP supporter Clayton Howard for offering time on his program for the reports that will be aired on the first Monday of each month.

Ruth is currently working on tapes promoting the new tape series which will be aired over Radio Clarin, The Swiss Broadcasting Corp, and other short wave outlets. Ruth, who is a blind HAP member, works as a volunteer radio producer for a number of domestic stations. We hope you will enjoy her reports on HCJB.

Until the next SPEEDX report from the Handicapped Aid Program, good listening and best wishes.

HAP  
WISHES  
SPEEDX

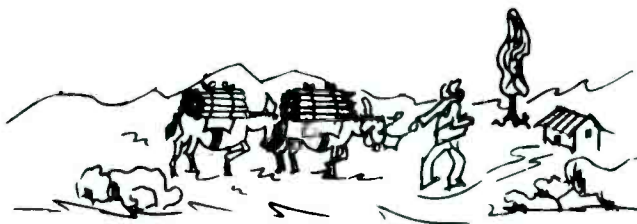
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*Happy Birthday*

# SWBC DX - Western Hemisphere

◁ EDITOR ▷

**CHRIS HANSEN**  
ST JOSEPH'S SEMINARY  
DUNWOODIE YONKERS  
NEW YORK 10704



JULY, 1978 - LAS NOTICIAS

FROM SWEDEN CALLING DX'ERS #1483:UNITED STATES - WYFR has started broadcasting in Portuguese to S. America; heard 2100-2200 on 15130 kHz.

FROM BBC MONITORING SERVICE, we have the following copyright items, which cannot be reproduced without permission from the BBCMS:

ARGENTINA: Radio Rivadavia, a commercial station which operates from Buenos Aires on 630 kHz, has been observed recently also broadcasting on 5882 kHz.

CHILE: R. Nacional de Chile, Santiago, has been broadcasting its domestic service since the 23rd of May on 9550 kHz instead of 9510 kHz.

R. Universidad de Concepción, which operates on 6135 kHz, now carries a 30 minute news bulletin in English at 1200.

PERU: It was noted on May 21st that Radio del Pacifico, Lima, ended its transmissions on 9675 kHz at 2300. An announcement stated that the station would continue on 4975 kHz.

VENEZUELA: The Venezuelan Information Services, Venpres, reported on May 16th the Minister of Information and Tourism as having announced that a 1000 kW broadcasting station with the largest coverage in Latin America would be set up in Northwestern Venezuela in the area of Paraguaná, Falcon State. (There was no indication as to the frequency of this station, whether SW or MW - I would suspect SW. cph)

My QSL from the Voice of the Voyager (preprinted, no less) postmarked 6/18/78 from Detroit, MI was received here today - I heard them at SPEEDer Bob Foxworth's house, and later at my own QTH. We called them at their NY number, and had a long talk with them. At this time (6/3/78) they were using 100 watts with a North-South orientation of antenna. Some of this month's reports indicate that they might have changed QTH's and antenna patterns. Some observations about the QSL: "Voice of the Voyager" seems to be the station name, while they use the slogan "In the spirit of the Voyageurs"; "Chris (written in space) Thx for tuning in the station Everyone is trying to 'catch' (but never will....) on 5850"(again, written in a space). It seems as though they are planning for future frequency changes. Finally, as long as they keep their signal clear, it is Bob Foxworth's and my opinion that the FCC won't particularly make a fuss. E.g. WCPR, in Brooklyn, NY, was broadcasting merrily on 1620 kHz for a long while several years ago. They were only caught when the neighbors started to complain about their signal coming in over the TV or the stereo. Let's keep listening and reporting to VoV. According to one report, they have stated that they can only QSL reports that appear in SPEEDX and TRENEX, as they no longer have access to the ASWLC magazine. So, keep those reports coming in. Reports of VoV appear in the usual space (after North America and Central America).

One last point - the operators of the VoV indicated during the phone call that if I printed addresses of reporters their job of verifying would be much easier. I would therefore like those who wish to receive a QSL from VoV to please indicate this in their report, and I will print your address in the column to speed the process up.

Finally, I would like to welcome Woody Seymour (whose colleague I was as editor of another column for another club) and Orla Reese to the staff of SPEEDX. Woody is a great DXer and will be a good asset and a hard worker for SPEEDX.

Loggings will begin now -- Times and Dates are in GMT, dates are in month/day format, frequencies are in kHz (kiloHertz) and SIO code denotes reception conditions noted.

## SOUTH AMERICA

### ARGENTINA

9690 0350 Radio Nacional, EE, recorded opera music (553; 5/8. Somera, CA)  
11710 2330 RAE, EE, Argentine mx, talk on local artist (333; 4/1. Stephenson, CA)  
11730 2325 RAE, EE, mx with YL mx; (454; 5/1. Worrel, ND)  
11755 R. El Mundo, SS, tango mx, tlk by QM, TC, ID; (332; 5/16. Kato, JAPAN)

BOLIVIA

- 4797 0400 R. Nueva América, SS, OM DJ, mx, ID; (322; 5/13. Heath-KY)  
 6035 1047 R. Panamericana, SS, mx, very similar to Peruvian, "Buenos Dias Bolivia"  
 px (242; 6/10. Jones, MS)

BRAZIL

- 4855 0830 R. Clube do Pará, PP, OM ancr, organ mx; (444; 6/2. Lobdell, MA)  
 4905 2210 R. Relogio Federal, PP, nx, ads, (343; 4/30. Eba-Austria)  
 4985 2359 R. Brasil Central, PP, full ID & freq. listing, electronic mx effects;  
 (444; 5/22. Novello, NY)(0650; Jones, CA)(Heath, KY) MA)  
 5015 0752 R. Pioneira, Teresina, PP, organ mx, Ads, ID, OM ancr; (452; 6/2. Lobdell,  
 5025 0815 R. Borborema, PP, Brazilian vocals, tx; (222; 5/25. Tannenwald, NY)  
 5045 0130 R. Cultura do Pará, PP, vocals, ID (333; 5/4. Tannenwald, NY)  
 5965 2356 R. Guaiba, PP, tlk by OM, until RCI\*0000 (343; 5/14. Maghakian, NY)  
 6000 0202 R. Inconfidência, PP, IDs, anmts, mx; (323; 6/10. Jones, CA)  
 9585 0928 R. Excelsior, PP, ID by OM, Barry Manilow records, good opening to Brazil  
 on 5/22. (333; 5/22. Lobdell, MA)  
 9595 \*0903 R. Cultura da Bahia, PP- abrupt s/on, Brazilian vocals, OM IDs, ads  
 (322; 5/12. Zimarowski, MA)  
 9635 0937 R. Aparecida, PP, anmts, ID by OM, MCR mx; (322; 5/22. Lobdell, MA)  
 9645 0135 R. Bandeirantes, PP, 3 OM w/ sx, mentions of Brazil (433; 5/25. Uerlings,  
 OR)(0945; Lobdell, MA, soccer reports)  
 9685 0200 R. Gazeta, PP, OMs with sx event; //9645 (312; 5/25. Uerlings, OR)  
 11765 0216 R. Tupi, PP, OMs with sx live (311; 5/25. Uerlings, OR)  
 11780 0300 R. Nacional, Brasilia; PP, mx, (444; 6/3. Pettit, IA)(0200; Mappin, WA)  
 (0002; T. Smith, CA)(Thompson, NM)(Gaede, CA)  
 11965 0220 R. Panamericana, PP, OM w/ sx events; (212; 5/25. Uerlings, OR)  
 15167 1245 Ceará R. Clube, PP, nx, cmt, mx; (333; 4/21. Ruggley, IL)  
 15190 1705 R. Inconfidência, PP, OM w/ sx cast & ID; (433; 6/7. Thompson, CA)  
 17815 0250 R. Cultura de São Paulo, PP, class mx, ID @0300 followed by more pop  
 Brazilian mx; (242; 5/29. Earhart, PA)

CHILE

- 11705 0535 Voice of Chile, EE, tlk about the Marxist Government of Chile and oil  
 production (444; 5/14. Gaede, CA)(Stephenson, CA; Blaize, LA)  
 11755 \*1100 Voice of Chile; EE, Chilean mx, comment for today (433; 5/31. Zilmer, WI)  
 11765 0359 VOC, SS, OM ID @0400, YL and LA mx; (444; 6/11. Smith, CA)(Gaede, CA)  
 11890 0130 VOC, EE, anti-Communist cntry; (444; 6/2. Mellinger, NJ)(Zilmer, WI;  
 Zimarowski, MA)  
 11925 1100 VOC, EE, nx, cmt on industry; (332; 5/2. Zilmer, WI)  
 15110 \*1100 VOC, EE, mx, cmt on industry; (443; 5/25. Zilmer, WI)  
 15125 \*1100 VOC, EE, Chilean mx, (433; 5/25. Zilmer, WI)(322; 6/5. Earhart, PA)  
 15130 0150 VOC, EE, economic commentary, Chilean mx; (545; 5/19. Hagewood, TN)  
 15150 0509 VOC, SS, nx, ID @0515; (333; 5/23; McCurdy, CA)(Stephenson, CA; Pettit,  
 IA; Závatsky, CT; Stone, ONT; Andersen, NY; McIntosh, PA)  
 15170 2325 VOC, SS, Chilean mx, ID's (333; ----; Maghakian, NY)  
 15175 2320 VOC, SS, OM, discussion, frequent ID's (454; 5/29. Smith, CA)(Zilmer, WI)  
 (Utter, NY; Earhart, PA)  
 15249.7 m \*0130 VOC, EE, s/on, LA mx, cmt on economy; (433; 5/20. Zimarowski, MA)  
 17790 2237 VOC, new fq. for Italian @2230, (Hauser, TN, 5/23.)  
 17800 1120 VOC, EE, nx by YL on health advances; (333; 5/10. Lobdell, MA)(Donly, SC)  
 (Maghakian, NY)(Baum, FL)

COLOMBIA

- 4755 0925 Emis. El Mundo, SS, mx, tx; (222; 5/26. Tannenwald, NY)(Thompson, CA)  
 (Lobdell, MA)  
 4785 0810 Ecos del Combeima, SS, mx, tx, many ID's (322; 5/24. Tannenwald, NY)  
 (Pyatt, PA)  
 4815 \*0928 R. Guarapuri, SS, LA mx, NY @0930, ID, calls, fqys, (433; 6/9. Jones, MS)  
 (Leonard, FL; Pyatt, PA)  
 4845 0315 R. Bucaramanga, SS, Colombian mx; EE anmts; (333; 6/6. Pyatt, PA)  
 4875 0430 LV del Norte, SS, mx, IDs; (433; 5/29. Jones, CA)  
 4945 0710 R. Colosal, SS, ID's as "R. Colosal de Neiva" (454; 6/11. Heath, KY)  
 (Snellman, PA; Pettit, IA; Thompson, CA; Trautschold, WI; Hagen, IL)  
 4965 0524 R. Santa Fe, SS, mx, IDs; (544; 6/10. Jones, CA)  
 4975 \*0937 Ondas del Orteguzza, SS, NA, ID, chime, LA mx, bad UTE (412; 6/9.  
 Jones, MS)  
 5010 0315 R. Surcolombiana, SS, mx, 25 min nxcast @0330 (444; 5/25. Pyatt, PA)  
 5040 0830 R. Cinco, SS, OM, many mentions of Colombia, pop mx; (353; 6/11. Heath, KY)  
 5075 1036 R. Sutatenza, SS, DJ, local mx; (222; 5/19. Kato, JAPAN)(Eba, AUSTRIA)  
 5095 0609 R. Sutatenza; SS IDs; anmts, (333; 6/4. Jones, CA)  
 6065 0634 R. Supér, SS anmt; tx; (323; 6/4. Jones, CA)

COLOMBIA, continued

- 6065 0810 R. Super, (Heath, KY)  
 6115 0415 LV del Llano, SS, talks, mx; Latin mx; (544; 3/19. Leonard, FL)  
 6150 0215 LV del Huila, SS, ads, ID, mx; (433; 6/10. Jones, CA)  
 6160 0624 Em. Nueva Granada; SS, IDs; armts; (333; 6/4. Jones, CA)(Forsman, CA)  
 13850 0300 R. Nacional, SS, ID, rel px; //15534, full AM, not SSB (454; 5/23. Novello, NY)(It could be one of several things - perhaps a mixing product, a harmonic of some sort, or a receiver produced image. I can't decide between these - cph)  
 15335 0351 R. Nacional, SS, classical mx; 0458\*; (353; 6/12. Smith, CA)(Zilmer, WI)

ECUADOR

- 3390 0429 R. Zaracay, SS, ID, LAm mx; (544; 5/28. Leonard, FL)  
 4680 0445 R. Nac. Espejo; SS, mx, OM ancr; (433; 5/12. Snellman, PA)(322; 5/27. Tannerwald, NY)(Howell, CA)  
 4795 0357 LV de los Carás, SS; rock mx, short and distinct ID, more rock (343; 5/18. Jones, MS)  
 4800 0820 R. Popular Independiente, SS, local vocals w/ guitar, ID (323; 5/24. Tannerwald, NY)  
 4820 0935 R. Paz y Bien; SS, Ecuadorian, Andean tunes, ID; (332; 6/2. Lobdell, MA)(Jones, MS)  
 4920 0330 R. Quito; SS, ID, melodramatic theater, het; (433; 5/28. Heath, KY)(Pyatt, PA-Snellman, PA; Jones, MS)  
 5025 0458 R. Splendit, SS, disco mx, ID; (353; 6/11. Heath, KY)(Tannerwald, NY)  
 5060 0259 Sist. de Em. Progreso, SS, Andean mx, ID's (333; 6/10. Jones, CA)

HCJB

- 6050 1045 EE, mx, tlk; (343; 5/12. Earhart, PA)  
 6090 0638 EE, Passport, QSL info, mx; (454; 5/25. Smith, FL)  
 6095 0625 EE, "Weekend Passport", (444; 5/7. Blaize, LA)  
 6130 1024 EE, rel tlk by a preacher from MN (343; 5/15. Earhart, PA)(Luskin, MD)  
 9560 0230 EE, DX Party Line, (534; 5/23. Hrivnak, IL)  
 11715 0120 EE, OM w/ prayer, hymn mx; (454; 6/11. Smith, CA)  
 11745 1545 EE, rel mx; (131; 5/31. McIntosh, PA)  
 11835 0520 Czech, OM, sermon, EE ID @0530; (343; 6/1. Smith, CA)  
 11900 1045 EE, Magic Melodies; (343; 5/21. Zilmer, WI)  
 11915 0200 EE, Passport, QRM CQ marker "ER" (533; 6/6. Johnson, FL)(Smith, FL)  
 15115 1410 EE, mx, tlk, "Morning in the Mtns" (343; 6/10. Miller, CA)(Smith, FL)  
 17755 2014 EE, OM w/ ID, "On the Move" (343; 5/14. Naylor, CA)

FRENCH GUYANA

- 3385 0145 FR3, Cayenne; FF, Beegees mx, tlks; (222; 5/15. Heath, KY)

GALÁPAGOS ISLANDS

- 4810 0406 LV de Los Galápagos; full ID @0402, NA, carrier @0406 (443; 5/24. Howard, CA)

PARAGUAY

- 6025 0230 R. Nacional, SS, mx, politics; (434; 4/30. Ruggley, IL)

PERÚ

- 4790 0445 R. Atlántida, SS, mx, cmnts; (323; 5/6. Ruggley, IL)(243; 0522; 5/6. Trauttschold, WI, 0554\*)(252; 5/16. Hagen, IL)  
 4869 9655 R. Chinchaycocha, SS, Andean mx, ID's (333; 6/7. Jones, CA)  
 5970 1043 R. El Sol; SS, musica peruana; husky voiced ancr back at mike; some hum on carrier (343; 6/10. Jones, MS)  
 5980 0630 R. Panamericana, SS, local mx- songs, 0659\*, carrier off at 0701, (353; 6/2. Forsman, CA) Jones, MS  
 6175 1004 R. Tawantinsuyu, SS, "La primera programación en R. T'suyu" (352; 6/2. /

SURINAM

- 4850 0832 SRS, Lang; Asian mx, singing, with short EE ID, "Good Morning Everybody, SRS" (453; 6/9. Jones, MS)

URUGUAY

- 11835 0005 R. El Espectador, SS, Ads, mx, weather (333; 4/25. Eba, AUSTRIA)

VENEZUELA

- 3275 0349 R. Mara, SS, ID, then fqs, and NA, 0351\* (544; 5/28. Leonard, FL)  
 4770 0300 R. Bolívar, SS, OM, many ID's, TC's off by 3 minutes (454; 6/11. Heath, KY)(333; 5/6. Willis, PA)(323; 5/28. Tannerwald, NY)(433; 6/3. Pyatt, PA)  
 4800 0115 R. Lara, SS, mx, ads; (333; 5/27. Tannerwald, NY)(343; 5/17. Forsman, CA)(443; 5/21. Heath, KY)(222; 5/14. Stephenson, CA)  
 4840 0941 R. Valera, SS, Lengthy ad run, jingles, "Primer lugar de sintonía" (443; 5/20. Jones, MS)

VENEZUELA (continued)

- 4860 0335 R. Maracaibo, SS, OM IDs, TC's, off by 1.5 minutes, pop mx, 0359\* (444; 5/15. Heath, KY)
- 4880 0125 R. Universo, SS, LAmx, ads, ID; (322; 5/28. Tannenwald, NY)
- 4900 0957 R. Juventud, SS, s/on, full ID, mx,tlk; (222; 5/26. Tannenwald, NY)
- 4940 1020 R. Yaracuy, SS, local mx, TC's, ads; (454; 5/28. McCurdy, CA)(222; 5/14. Stephenson, CA)(544; 4/16. Leonard, FL)
- 4970 0200 R. Rumbos, SS, mx, US pop; (344; 5/10. Mellinger, NJ)(544; 6/11. Jones, CA, 4968m)(433; 4/28. Eba-AUSTRIA)(322; 5/14. Stephenson, CA)(433; 5/12; Snellman, PA)
- 4980 0135 Ecos del Torbes; SS, folk mx; (323; 5/1. Ruggley, IL)
- 5030 0455 R. Reloj Continente, SS, LAm mx, 0556 s/off armts; NA; (333; 5/24. Trautschold, WI)(533; 4/14. Leonard, FL)(322; 5/14. Stephenson, CA) (434; 5/15. Hrivnak, IL)(434; 6/10. Jones, CA)
- 5040 0005 R. Maturin, SS, MOR vocals, ID in passing, Pepsi ad, Super promos (433; 5/23. Novello, NY)(333; 5/20. Zimarowski, MA)
- 6000 0330 R. Sensación, SS, OM tlks, AD, ID, VOA QRM; (222; 5/17. Howell, CA)
- 6010 0804 R. Mil Cuarenta, SS, LA pop mx;YL IDs; (333; 5/12. Zimarowski, MA) (R. Los Andes ID & TC by man, later on woman w/ R. Mil Cuarenta ID; much splash from R. Reloj - 222; 5/25. Jones, MS)
- 6190 1010 Ecos del Torbes, SS, TC's, ads for "Banco de Venezuela", SS mx, mentions of San Cristobal; (454; 6/2. Heath, KY)
- 9660 0510 R. Rumbos, SS, mx, ID @0512 (333; 5/12. Gaede, CA)
- 15400 2225 R. Nacional de Venezuela, EE/SS, tourist px; SS/EE ID; pop mx; nx, views (444; 5/11. Heath, KY)(444; 5/2. Hodsdon, MN)

NORTH AND CENTRAL AMERICAANTIGUA-DW Relay

- 5960 0530 EE, Nx, features; (555; 4/29. S. Proom, BRITAIN)
- 9545 0530 EE, nx, current affairs; (544; 5/27. Thompson, CA)(333; 6/2. Smith, FL)
- 11795 0012 GG, OM, IS @0015, nx; (454; 6/9. Smith, CA)(454; 6/4. Thompson, NM)
- 11865 0055 PP, to Brazil, nx, ID 0100\* (555; 5/23. Fraser, MA)

BBC RELAY

- 6175 0410 EE, nx of Zaire, (544; 6/7. Mappin, WA)(555; 5/3. Johnson, FL)(544; 5/21; Hagewood, TN)
- 11775 1130 EE, play of the week; (444; 6/4. Willis, PA)

CANADA

- 5960 2300 CBC NS, EE, nx, "As it Happens" (444; 5/24. Sulak, PA)
- 6005 1332 CFCX, EE, OM reading, and weather; (444; 5/15. Zavatsky, CT.)
- 6070 1530 CFRX, EE, nx,mx; (322; 5/4. Potaczek, IL)(545; 5/17. Pyne, MD)
- 6120 0100 BBC Sackville; EE, "The House of Windsor" (444; 5/29. Johnson, FL)
- 6195 0313 RCI, EE, mx, vocals, (343; 6/5. Naylor, CA)
- 9625 1505 CBC NS, EE, Saturday Morning; (343; 6/3. Potaczek, IL)
- 9590 2330 BBC - Sackville, EE, Sci-Fi Play; (454; 5/19. Nadav, NY)(Hauser, TN)
- 9605 1500 CBC NS; EE, "Uncle Bull Castleton" (525; 5/11. Johnson, FL)
- 11720 1543 CBC NS; EE, nx, tlk, sx; (343; 6/3. Potaczek, IL)
- 11845 0400 RCI, EE, nx,sx; (555; 5/29. Hagewood, TN)(Blaise, LA)(Rudolph, AL) (444; 5/18. Monjure, LA)
- 11945 2140 RCI, EE, px on future of radio communications; (555; 5/20. Stone, ONT)
- 15260 1800 RCI, EE, "Mailbag" "DX Digest" (222; 5/7. Hagewood, TN)(444; 5/14. Gaede, CA)
- 15325 1700 RCI, FF, ID in EE/FF and into nx; (555; 6/5. Pyne, MD)(333; 5/26. Smith, FL)
- 15370 1615 RCI, EE, comedy mx; (343; 6/5. Pyne, MD)
- 17820 2100 RCI, EE, nx, DX Digest; (434; 4/2. Pettit, IA)

COSTA RICA

- 4832 0722 R. Reloj, SS, OM nx, LAm mx; (242; 6/11. Smith, CA)
- 5954 0531 R. Casino, ID, MOR EE vocals, switched between EE and SS throughout program, another ID 0545, back to mx til s/off armts, 0600:30\* (232; 5/25/. Trautschold, WI)(353; 5/22. Hagen, IL)
- 6006 0736 R. Reloj, SS, IDs, mx; (323; 6/5. Jones, CA)(322; 5/25. Baum, FL) (333; 5/12. Earhart, PA)

CUBA

4720

Last month's logging of R. Rebelde on this fq. was not a studio to transmitter link, it was a (gulp!) harmonic. According to Terry Krueger, FL, in last month's Listener's Notebook, in FRENEX (ed. Glenn Hauser) it is the 8 th harmonic of 590 R. Rebelde. Sorry if I misled anyone.

CUBA (continued):

- 6060 0500 R. Havana Cuba; SS, IS, political tlk (444; 5/13. Gaede, CA)  
(recorded Fidel speech; 433; 5/16. Hrivnak, IL)
- 9550 1100 RHC, SS, nx, to LAm; (454; 5/9. Fraser, MA)
- 9685 0430 RHC, EE, mx, "From the Land of Music" (444; 5/8. Pettit, IA)
- 9770 0656 RHC, EE, OM ancw w/ tlk about Russia, China, Japan, and propaganda,  
(433; 6/3. Monjure, CA)
- 11725 0235 RHC, EE, nx, cmt; (333; 5/10. Hagewood, TN)
- 11760 0355 RHC, EE, discussion about Viet/Chinese relations; (444; 6/11. Smith, CA)
- 11930 0347 RHC, EE, LAm mx; (443; 5/17. Somers, CA)(545; 5/27. Yohana, NJ)(443;  
5/20. Monjure, LA)

DOMINICAN REPUBLIC

- 4930 2330 R. Mil, SS, YL vocals, hi-speed tx; het; (433; 5/22. Novello, NY)  
(544; 3/17; Leonard, FL)
- 5967 \*0945 RTV Dominicana, SS, ID, light easy listening instrumentals, TC's; (454;  
6/4. Heath, KY)
- 5975 1015 RTV Dominicana, SS, continuous instr. mx, from 1015 to ID @1030; moved  
up 5 kHz since 5/22/78 - back to 5970 on 6/2. and back to 5975 on 6/10.,  
(343; 5/23. Jones, MS)(Seems as though they are trying to avoid hetting  
and interference. cph)
- 9505 1540 RTV Dominicana; SS, LAm pop mx; tx; (454; 5/16. Donly, SC)  
(544; 5/28. Leonard, FL)(453; 5/1. Fraser, MA)
- 11700 0155 R. Clarin, SS, Latin mx, nx; (312; 6/3. Pettit, IA)  
R. Clarin now has additional airings of This is Santo Domingo at 2000  
replacing 2130, 0300. Just as the appearance of the old 2300 bc. is  
rather haphazard, and often a repeat of a previous day's tape, so are  
these. QRM less of a problem @0300, more of a problem at 2000, what  
with Libya...noted staying on later, as seasonally to be expected,  
6/5 to 2347\*, at least off in time for Clarin-DX @0000 GMT Sunday....  
(Hauser, TN)(545; 5/18. Miller, CA)(454; 5/18. Thompson, CA)(434;  
5/5, Blaize, LA)(545; 5/19. Yohana, NJ)(454; 5/12. Heath, KY)(454;  
6/8. Smith, CA)(343; 5/27. Zavatsky, CT)(444; 6/7. Thompson, NM)

GRENADA

- 15105 2025 Radio Grenada, EE, Mother's Day greetings to listeners, mx for M. Day.  
(322; 5/14. Smith, FL)

GUATEMALA

- 3300 0425 R. Cultural; EE, rel tx, then SS px with soft mx; (222; 5/16. Hook, FL)  
(121; 5/20. McIntosh, PA)
- 3360 0310 LV de Nahualá; SS mx, ID's (333; 6/10. Jones, CA)
- 5955 0510 R. Cultural, EE, Amer. pop hits; (422; 5/31. McIntosh, PA)
- 6180 0220 LV de Guatemala, SS, sx px; (444; 6/10. Jones, CA)

HONDURAS

- 4820 0350 La Voz Evangelica, EE, rel px; (222; 5/6. Hagewood, TN)

MÉXICO

- 2390 0209\* R. Huayacocotla, SS, S/OFF arnts; back at 4 P.M. (443; 6/6. Jones, MS)  
(343; 6/7. Thompson, NM)
- 6115 2314 R. Universidad de Sonora; SS, class mx; (333; 6/10. Jones, CA)  
(322; 5/5. Stephenson, CA)(454; 6/5. Thompson, NM)
- 6165 0330 LV de la América Latina, SS, nx, cmt; (555; 4/30. Ruggley, IL)
- 9705 0145 R. México, SS, OM/YL playing records, mx, not much tx; (353; 6/12. Smith, CA)  
(443; 6/7. Miller, CA)
- 15385 0230 R. México, SS, story of the Aztecs, (333; 5/1. Stephenson, CA)  
(433; 6/6. Thompson, CA)

NETHERLANDS ANTILLES - Radio Nederland Relay

- 6165 0230 EE, Happy station program; (544; 5/7. Stone, ONT)(434; 4/15. Pettit, IA)
- 9715 0540 EE, Happy Station, first live satellite bcs on July 2nd (first live bcs.  
of Happy Station, I suppose, cph)(333; 5/22. Blaize, ENGLAND)  
(534; 5/22. Thompson, CA)
- 9770 0818 EE/GG, summary of Dutch mx; s/off; (444; 5/24. Smith, FL)
- 15040 \*2230 Dutch; transmitted mixing product of two xmissions, 15180 and 15320,  
(15180 - 140 = 15040; 15320 - 140 +15180) Only audible on Sundays  
because 15180 is beamed toward NAm only on Sundays- other days it is  
beamed toward Brazil because it is in PP. (2310; 5/28. Hauser, TN;  
\*2230; 252/ 5/28. Utter, NY)
- 15180 2315 Dutch; organ mx, ID; (434; 5/14. Miller, CA)

Trans-World Radio ....

(will be begun on next page as I see I have only one line left. Look for the Pirates!)

NETHERLANDS ANTILLES - Trans World Radio (continued...)

11710 0347 RR, IS, s/pn, tlk; (333; 5/23. Maghakian, NY)  
11815 1129 EE, sermon; (555; 5/14. Stickle, NY)  
11925 0103 EE, nx; (545; 5/27. Yohana, NY)(444; 5/25. Thompson, NM)  
(434; 5/14. Snyder, NY)  
15255 1302 EE, ID, tlks; (332; 5/13. Miller, CA)  
15440 2350 Greek/SS; preaching, into SS @0000; (444; 5/14. Earhart, PA)  
15445 2220 PP, IS @2220, s/on 2225, tlk, mx; (434; 5/21. Pettit, IA)

UNITED STATES OF AMERICA

(Note: I exclude from this heading all pirates, no matter whether they are presumed to be in the United States or not. They will be found under the separate heading below. cph)

5985 0435 WYFR, EE, Family Radio Bible Fellowship (555; 6/7. Mappin, WA)  
(544; 5/18. Stone, ONT)  
5995 0505 VOA, EE, Breakfast Show; (444; 5/16. Hook, FL)  
6030 2310 AFRTS, EE, CBS nx and sx; (555; 5/21. Fraser, MA)  
9580 1028 KGEI, EE, religious talk to 1030 then ID, followed by nx;  
(322; 5/11. Earhart, PA)(322; 5/28. Lobdell, MA)  
9615 0430 KGEI, SS, unknown px; (555; 6/5. Tacoma, CA)  
9615 1455 KGEI, SS, mx, ID @1600 (444; 5/11. Gaede, CA)  
11790 0009 AFRTS, Greenville; EE, baseball, Dodgers at Montreal (just  
as many of us will be at Montreal in the second week of  
this month for the ANARC convention. See you there?? cph)  
(433; 6/9. Smith, CA)  
11835 0025 OAS Radio, via Greenville; SS, OM nx, Anmt: "This program  
has come to you from the Organization of American States"  
(454; 6/9. T. Smith, CA)  
11925 0320 VOA, EE, on SSB, tlks; (no carrier, little interference,  
excellent; 5/20. Monjure, LA)  
15160 1922 WYFR, SS, religious px; (222; 5/14. Gaede, CA)  
15185 2230 WINB, EE, ID, mx; (343; 5/17. Miller, CA)  
15215 0030 WYFR, SS, "Momentos Musicales - reflexión" (444; 5/16.  
Stone, ONT)  
15240 2259 UN Radio, closing EE nx to Caribbean; here on Tues. instead  
of Fri. because General Assembly is in special session  
(5/23. Hauser, TN)  
15330 1600 AFRTS, EE, Indianapolis 500 race, sports nx; (555; 5/28.  
Fraser, MA)  
15385 2200 WINB, EE, "Mailcall", fq. ancd. as 15.355 MHz (323; 6/4.  
Tacoma, CA)  
15440 2138 WYFR, EE, Rel. mx; (Florida) (545; 5/23. Yohana, NJ)  
(444; 5/31. Earhart, PA)  
17765 0517 AFRTS, Dixon; EE, CBS/NBC nx, (444; 6/12. Smith, CA)  
17775 1517 AFRTS special fq, mixing w/ France, for Indy 500 coverage,  
5/28 only, usually silent at this hour. (5/28. Hauser, TN)  
17845 1820 WYFR, EE, Rel. px for N. Afr. & Europe (433; 5/13. Stone, ONT  
(543; 5/15. S. Proom, BRITAIN)  
21525 1900 WYFR, EE, Phone in px; (453; 5/22. S. Proom, BRITAIN)  
26040 1825 VOA, EE, nx px, "Press Conference USA" (4541 5/27. Donly, SC)

UNIDENTIFIED, BOOTLEG, PIRATES, ETC.

FLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASHFLASH

Report from Bob Butterfield dated June 18th states that on 6/18 broadcast used 212-830-9906 telephone number (still a loop number. cph) Peter Schipelliti contacted them along with myself, John Clements, and Dick Andrews. Telephone contact said they wouldn't be on the weekend of the 24th to 25th. Stated power as 100 watts. Said antenna was vandalized and that temporary one was used for 6/18 xmsn. Showed up on reception.

So, if you didn't hear the Voice of the Voyager on June 24th-25th, that is why.

5850 \*0357 Voice of the Voyager, EE, w/ guitar IS to 0400, s/on anmts and into "We will Rock you/We are the Champions" by Queen; ID, fqy, tel # (old number 626-9906); phoned shortly thereafter. ...said 52 QSL's sent out so far (cheers in studio), poss. short DX px; (poor to good in QRN and RTTY QRM on 6/11, Butterfield/Clements, MA)







# SWBC - EUROPE



NEW EDITOR for AUGUST  
 TIM McCURDY  
 271 Starlight Crest  
 LaCanada CA 91011

Deadline: 15th  
 Times and Dates: 7M  
 Frequencies: kHz



**ALBANIA**

- 6200 0330 R. TIRANA: Interview w/ children (323 6/1 Fisher-RI)
- 7065 0013 R. TIRANA: wld nx (545 5/25 Yohana-NJ)(555 5/27 Baum-FL)
- 7120 0338 R. PEKING via TIRANA: mx, ID (322 6/7 Hogan-NC)(0220 SS  
434 5/8 Prath-FL)
- 7300 0240 R. TIRANA: cmtry (444 5/13 Pimblett-NE)
- 9430 2100 R. TIRANA: SS, nx (232 5/24 Maghakian-NY)
- 9780 0100 R. PEKING via TIRANA: ID at 0100 then cmtry (323 5/16  
Stapleton-TX)(0345 242 6/9 Smith-CA)
- 9790 0047 R. TIRANA: Albanian, mx, tlk (444 5/22 Peck-NYA)

**AUSTRIA**

- 6000 0855 ORF: GG, ID, folk mx (444 4/25 Eba-Austria)
- 6015 0455\* ORF: closing (433 5/22 Blaize-ENG)
- 6155 \*0300 ORF: Austrian shortwave panorama w/ interview of Glenn Hauser  
(444 5/28 Heath-KY)(433 5/14 Seymour-NC)
- 9650 0156 ORF: IS, s/on, sked, nx (443 5/25 Maghakian-NY)
- 9770 \*0130 ORF: "Report From Austria" (444 6/4 Romani-MI)(Hogan-NC)  
(Zavatsky-CT)(Peters-KY)(Ashbraner-AK)(Hrivnak-IL)(Greg-TX)  
(Yohang-NJ)(Klumb-CA)(0346 Earhart-PA)
- 15155 1230 ORF: nx (322 5/14 Zilmer-WI)
- 15195 2058 ORF: GG, IS, ID, tlk (232 5/21 Jones-MS)(333 5/27 Maghakian-  
NY)((2130 232 5/14 Smith-FL)
- 15320 1230 ORF: nx, Weekend Review, Tour of Vienna (444 5/6 Fraser-MA)
- 15335 1814 ORF: Austrian SW Panorama w/ interview w/ Glenn Hauser  
(322 5/28 Lobdell-MA)
- 17710 1230 ORF: nx // 15155, 9770 (322 5/14 Zilmer-WI)
- 17840 0455 ORF: IS, ID (222 5/7 Smith-FL)(343 5/28 Maghakian-NY)

**BELGIUM**

- 6080 0015 BRUSSELS RADIO & TELEVISION (ORU): "Music Box" (544 5/16  
Fraser-MA)(Stickle-NY)(Prath-FL)(Hagewood-TN)
- 17740 1650 BRT (ORU): "Brussels Calling" w/ mailbag (433 5/18 Novello-NY)

**BULGARIA**

- 9530 1214 R. MOSCOW via SOPHIA: RR, cmtry (333 5/15 Gaede-CA)
- 9700 1930 R. SOFIA: IS, freq., nx (242 5/15 Garfield-MA)
- 11720 2129 R. SOFIA: IS, freq., nx (322 5/4 Smith-FL)
- 11735 0135 R. MOSCOW via SOPHIA: nx (423 5/25 Sulak-PA)
- 11750 \*2130 R. SOFIA: cmtry (333 6/3 Johnson-FL)(\*2130 Smith-FL)(Hagewood-  
TN)(Stickle-NY)(2250 Baum-FL)(0455 W. Smith-MA)(Garfield-MA)  
(Hogan-NC)
- 15135 2130 R. SOFIA: nx (454 5/13 Heath-KY)(Buhagiar-CAN)(Yohana-NJ)
- 15310 0018 R. SOFIA: Topical Studio (332 6/3 Potaczek-IL)(0124 Zavatsky-CT)
- 15330 0010 R. SOFIA: cmtry on Bulgarian Red Cross (545 5/9 Fraser-MA)  
(Garfield-MA)(Stone-ONT)(Buhagiar-CAN)(Zilmer-WI)
- 17825 1830 R. SOFIA: IS, freq., nx (333 5/28 Peck-NY)

**CZECHOSLAVAKIA**

- 5930 0440 R. PRAGUE: SP, "L.A." march mx, ID (444 5/22 Blaize-ENG)
- 7345 0100 R. PRAGUE: Sat. night juke box (344 5/6 Stone-ONT)(Fraser-MA)  
(Prath-FL)(0210 Hrivnak-IL)(0310 Stephenson-CA)(Potaczek-IL)
- 11990 0330 R. PRAGUE: Warsaw treaty (333 5/17 Stephenson-CA)(Hogan-NC)  
(Monjure-LA)(Miller-CA)(Hagewood-TN)(Smith-FL)(Hagen-IL)  
(Stone-ONT)

**DENMARK**

- 15165 1635 R. DENMARK: tlk, classical mx (343 5/24 Donly-SC)(1828 Eba-  
Austria)(1230 132 6/10 Andersen-NY)(1828 444 5/14 Leonard-FL)

FINLAND

11800 2301 R. FINLAND: nx w/ Eddie Hawkins to ECNA (311 5/13 Lobdell-MA)  
 15105 1420 R. FINLAND: "Out & About", freq. closed at 1420 (322 6/4  
 Romani-MI)(Prath-FL)(Miller-CA)  
 15200 1430 R. FINLAND: "Finland at its Sunday Best" (422 5/21 Zilmer-WI)  
 (Heath-KY)  
 15265 \*2300 R. FINLAND: nx (322 5/31 Pettit-IA)(Grenier-CA)(Donly-SC)  
 (Zilmer-WI)(Heath-KY)  
 15270 0458 R. FINLAND: IS, ID (555 5/28 Baum-FL)  
 17870 1430 R. FINLAND: ID, mx (322 5/23 Peck-NY)(333 5/16 Maghakian-NY)  
 21495 0915 R. FINLAND: DX pgm (444 4/23 Eba-Austria)

FRANCE

9690 2300 R. FRANCE INTERNATIONAL: FF, tlk, mx // 15200, 15210, 15300,  
 15360, 15425 (322 Zilmer-WI)  
 11705 0500 RFI: FF, freq. announcement (454 5/21 Harada-HI)(353 Heath-KY)  
 11770 0830 RFI: FF, talk (333 5/14 Prath-FL)  
 15135 0500 RFI: FF, nx (444 6/2 Pimblett-CAN)  
 15210 1333 RFI: FF, tlk (333 5/13 Miller-CA)  
 15300 1620 RFI: "Paris Calling Africa" (222 6/10 Grenier-CA)(Romani-MI)  
 15315 0500 RFI: FF, ID, freq., mx (454 5/26 McIntosh-PA)(Heath-KY)  
 (Maghakian-NY)  
 15440 1300 RFI: FF, mx, phone in talk show (344 4/21 Ruggley-IL)  
 17720 1630 RFI: ID at 1630, PCA (333 5/16 Sapleton-TX)(Zilmer-WI)(Miller-CA)  
 21580 1635 RFI: mailbag, PCA (333 5/24 Stephenson-CA)(Hogan-NC)(1810 FF  
 McIntosh-PA)(Miller-CA)(1155 Fraser-MA)  
 21620 1600 RFI: PCA, nx, (454 5/29 Fraser-MA)(Stephenson-CA)(Miller-CA)  
 (Naylor-CA)

GERMANY, DEMOCRATIC REPUBLIC OF

7260 0517 R. BERLIN INTERNATIONAL: PP, "RBI", ID, nx (455 5/22 Blaize-ENG)  
 9730 \*0100 RBI: Int'l Red Cross Day tlk (444 5/9 Mellinger-NJ)(Yohana-NJ)  
 (Novello-NY)(Potaczek-IL)(Willis-PA)  
 11840 0400 RBI: DX Club (333 5/22 Stephenson-CA)(433 5/11 Zilmer-WI)  
 11890 0410 RBI: sports nx, reading schedule (232 5/19 Kaufman-NY)(O'Brien-  
 BC)(Miller-CA)  
 21540 1415 RBI: cmtry (222 5/7 Prath-FL)(242 5/29 Baum-FL)

GERMANY, FEDERAL REPUBLIC OF

7210 0205 DEUTSCHE WELLE: "Round About" (434 6/8 Johnson-FL)  
 7265 0400 SUDWESTFUNK: GG DJ, good pop mx and jazz (333 5/12 Mellinger-NJ)  
 (0110 322 5/22 Peck-NY)  
 9545 \*0130 DW: s/on 0130 then nx (545 5/14 Snyder-NY)-via Montserrat &  
 WRTVH. wms  
 9650 1000 DW: sports nx (333 3/28 Proom-GB)  
 9735 0510 DW: GG, "Here ist die Deutsche Welle" (555 5/16 Hrivnak-IL)  
 (0525 444 5/12 Gaede-CA)  
 11785 1720 DW: tlk (433 5/27 Harada-HI)(0435 GG 434 6/11 Smith-CA)  
 15320 0615 DW: GG, mx w/ male announcer (232 5/20 McIntosh-PA)  
 17730 1725 DW: tlk on Latin America (232 5/14 Naylor-CA)  
 11780 0930 DW: nx (242 5/28 Zilmer-WI)  
 21720 1350 RADIO FREE EUROPE via BIBLIS: Czech., tlk mx (343 5/10 Mellinger-  
 NJ)(332 5/21 Prath-FL)

GREECE

9760 0220 VOICE OF GREECE: World nx (434 6/16 Peters-KY)  
 11730 0235 VOG: folk mx (444 5/21 Kemp-Blair-CA)(444 6/9 Trueblood-WI)  
 (352 5/17 Somers-CA)(Good 4/17 Greg-TX)(0020 433 Stickle-NY)  
 11925 0300 VOA-KAVALA: ID, freq., nx (343 6/6 Thompson-NM)  
 17830 1200 VOG: Greek, nx (222 5/28 Buhagiar-CAN)(342 5/17 Peck-NY)  
 (1800 433 5/28 Donly-SC)

HUNGARY

9585 0130 R. BUDAPEST: Hungarian History (333 5/18 Stephenson-CA)(0211  
 555 6/16 Peters-KY)(Stone-CAN)(0259 333 5/26 Hogan-NC)  
 9655 2100 R. BUDAPEST: nx, ID, freqs., mx, cmtry (222 5/13 Hodsdon-MN)  
 (343 5/13 Maghakian-NY)  
 11910 0315 R. BUDAPEST: tlk on human rights (545 5/27 Yohana-NJ)  
 (Earhart-PA)(Hodsdon-MN)(Greg-TX)(0225 555 5/21 Worrel-ND)  
 15060 A 0301 R. BUDAPEST: nx to NA // 15225 (222 5/21 Logdell-MA)(253  
 5/29 Utter-NY)  
 15160 1205 R. BUDAPEST: nx (343 5/29 Earhart-PA)(322 5/21 Zilmer-WI)

HUNGARY (cont'd)

15225 0403 R. BUDAPEST: DX pgm (544 6/7 Hogan-NC)(0130 443 5/17  
Zilmer-WI)(Pettit-IA)(Baum-FL)(Hodsdon-MN)(Maghakian-NY)  
(Novello-NY)(Catey-IL)(Kemp-Blair-CA)  
15391A 0245 R. BUDAPEST: HH, Budapest adds a new freq. the easy way with  
a healthy spur off their 15225 xmsn. Low spur at 15160A  
(253 5/29 Utter-NY)  
17710 0307 R. BUDAPEST: nx (222 5/18 Maghakian-NY)  
17785 1200 R. BUDAPEST: nx (322 5/29 Zilmer-WI)(2106 423 5/29 Baum-FL)  
21525 1445 R. BUDAPEST: tlk on tourism (343 5/16 Maghakian-NY)

ICELAND

12175 1221 R. RAYKJAVRK: religious mx (242 5/2 EBA-Austria)

ITALY

9575 0105 ITALIAN RADIO & TELEVISION SERVICE: nx (333 5/6 Hodsdon-MN)  
11810v 0110 RAI: nx & mx (444 5/13 Hagewood-TN)(Potaczek)(Miller-CA)  
--This varies, heard last week on 11800 & tonight 11806  
(6/20) ed.  
15230 0830 RAI: IS, ID & nx (222 5/29 Prath-FL)  
15315 0105 RAI: nx, mx, ID (444 5/21 Hodsdon-MN)(Stone-CAN)(Thompson-NM)  
(Heath-KY)(Maghakian-NY)  
15330 0405 RAI: Nx, mx (444 5/13 Heath-KY)  
15400 1830 RAI: IS, ID, mx (333 5/21 Naylor-CA)  
17720 0110 RAI: SS, pgm (444 5/8 Stone-CAN)  
17770 0100 RAI: Consistently has had its patch cords crossed so that the  
O100 EG pgm, supposed to be on 15315 & 11800 as of 5/8, was  
on this freq., scheduled for Spanish, while Spanish was on  
15315. The same thing was going on prior to the seasonal  
change, in that 9575 was in Spanish, not EG (Hauser)  
17795 0400 RAI: nx beamed to Aust., NZ, & Far East (333 5/18 Kaufman-NY)  
(212 6/7 Hogan-NC)(353 5/27 Maghakian-NY)  
21560 0516 RAI: Somali, classical mx, 2/off at 0530 (353 5/27 Donly-SC)  
(1710 343 5/25 Maghakian-NY)(Heath-KY)(Earhart-PA)

LUXEMBOURG

6090 0050 R. LUXEMBOURG: rock mx, "Power Play" (433 5/18 Willis-PA)  
(Yohana-NJ)((Hagewood-TN)(Zavatsky-CT)  
15350 2350 R. LUXEMBOURG: FF, R & R mx, Tlk, ID, nx @ 0000 (444 6/18  
W. Smith-MA)(343 5/26 Peck-NY)(332 5/15 Prath-FL)

MALTA

6100 0130 DEUTSCHE WELLE via MALTA: nx (333 5/24 Rudolph-AL)  
9610 2130 DW via MALTA: ID (434 5/30 Stickle-NY)  
11795 1500 DW via MALTA: GG, ID at 1500 (333 5/16 Naylor-CA)

MONACA

5965 \*0445 TRANS WORLD RADIO: GG, mx bx, IS, ID, hymn (455 5/22 Blaize-ENG)

NETHERLANDS

5955 0930 R. NEDERLAND: nx, "His & Hers" (555 3/28 Proom-GB)  
6045 0930 R. NEDERLAND: nx (555 3/29 Proom-GB)  
9715 2250 R. NEDERLAND: "His & Hers" (353 5/2 Smith-FL)  
9895 1330 R. NEDERLAND: nx (555 4/1 Proom-GB)

NORWAY

9550 0300 R. NORWAY: EE ID, Prg in Norwegian (333 5/5 Stephenson-CA)  
9590 \*0700 R. NORWAY: Norwegian, IS (211 5/20 Uerlings-OR)  
11895 0400 R. NORWAY: "News of Norway" (444 5/15 O'Brien-BC)(NN Earhart-  
PA)(Stephenson-CA)  
15175 2210 R. NORWAY: newspaper editorials (343 6/4 Famularo-NJ)(1610  
Greg-TX)(Heath-KY)  
21730 1600 R. NORWAY: "Norway This Week" (454 5/7 Fraser-MA)(1420  
Prath-FL)(Seymour-NC)

POLAND

6095 0200 POLSKIE R.: Nx, Saturday Hit Parade (333 5/6 Garfield-MA)  
(Prath-FL)(0300 222 5/19 Maghakian-NY)  
7270 0210 POLSKIE R.: folk mx (333 5/8 Prath-FL)  
9525 0329 POLSKIE R.: pop mx (333 5/20 Zavatsky-CT)(0210 Klumb-CA)  
15120 0216 POLSKIE R.: Classical mx, ID (322 5/26 Keller-CA)(Maghakian-NY)  
(Andersen-NY)(Leonard-FL)(0300 Greg-TX)(George-TX)

PORTUGAL

6025 0500 R. PORTUGAL: nx (343 5/22 Hagen-IL)  
 9670 2119 AWR: Sermon, mailbag (233 5/16 Stickle-NY)(2038 IBRA Radio Stickle-NY)  
 11935 0315 R. PORTUGAL: Portuguese mx (434 5/10 Hagewood-TN)(Earhart-PA) (Fisher-RI)(Miller-CA)(0503 Donly-SC)(\*0100 Heath-KY)  
 17880 1800 R. PORTUGAL: nx, "Arts & Culture" (343 5/17 O'Brien-BC) (Stone-CAN)(1855 PP Peck-NY)(0515 McCurdy-CA)  
 17725 1240 RFE vai GLORIA: GG, ID in EE (323 5/26 Sulgh-PA)  
 25690 1230 R. LIBERTY via GLORIA: Sked 0800-1500 with 10kW (5/7 Hauser-TN)

ROMANIA

9685 2025\* R. BUCHAREST: sked & address (322 5/14 Snyder-NY)  
 11940 0220 R. BUCHAREST: "Radio Holiday" (434 5/29 Hagewood-TN)(Stone-ONT) (Worrel-ND)(Peck-NY)(0413 Smith-FL)  
 15250 1300 R. BUCHAREST: Walts mx (323 5/21 Pettit-IA)  
 17850 0530 R. BUCHAREST: nx, ID, cmtry (353 5/29 Donly-SC)(353 McIntosh-PA)

SPAIN

6065 0110 R. NACIONAL DE ESPANA: Review of Spanish Press (343 5/9 Garfield-MA)(Fraser-MA)(Worrel-ND)(Stickle-NY)(Fisher-RI)  
 9360 0217 RNE: SS, discussion, mx (434 5/18 Blaize-LA)(Prath-FL)(0053 544 5/18 Stickle-NY)(Thompson-CA)(2315 554 6/4 Garfield-MA)  
 9505 2105 RNE: interview (222 5/15 Stickle-NY)  
 9580 2155 RNE: Feature on a Dog Show (444 5/17 Pyne-MD)(Maghakian-NY)  
 9630 2150 RNE: SS, ID, MX, tlk (545 5/17 Pyne-MD)(544 5/26 Stickle-NY)  
 11880 0330 RNE: nx (555 6/6 Harrington)(444 6/7 Kemp-Blair-CA)(0118 444 5/30 Monjure-LA)(mellinger-NJ)(Andersen-NY)(Ashbraner-AK)(0209 444 5/14 Stickle-NY)(Worrel-ND)(Stone-CAN) (Hagewood-TN)

SWEDEN

9690 2300 R. SWEDEN: tlk (222 5/27 Hodsdon-MN)(423 3/29 Pettit-IA) (423 5/18 Stickle-NY)  
 9695 0234 R. SWEDEN: "Panorama" (543 5/18 Somers-CA)(443 6/2 Hogan-NC) (444 6/7 Grenier-CA)  
 9745 0326 R. SWEDEN: s/off (323 5/5 Stephenson-CA)--now on 9695-ed.  
 11705 0230 R. SWEDEN: Sweden Calling DXers (333 6/15 Stapleton-TX) (544 5/18 Miller-CA)(444 6/6 Thompson-NM)  
 11850 0230 R. SWEDEN: Sweden Calling DXers (222 5/9 Stapleton-TX)--now on 11705--ed.  
 11905 0000 R. SWEDEN: "Echo & Mailbag" (454 5/15 O'Brien-BC)(544 5/16 Stickle-NY)  
 15205 \*2300 R. SWEDEN: "Tune In"--see end of column for details--ed. (333 5/23 Utter-NY)(Zilmer-WI)(Hauser-TN)(Earhart-PA) (Chan-OR)(Trueblood-WI)(Romani-MI)(Heath-KY)(Lobdell-MA) (W. Smith-MA)  
 17790 1400 R. SWEDEN: Sweden Calling DXers: 322 6/6 Pettit-IA)  
 21660nfl428\* R. SWEDEN: Sweden Calling DXers: (151 6/6 Novello-NY)--ex. 17735--ed.

SWITZERLAND

6135 0205 SWISS BROADCASTING CORP: Ski racing (342 5/1 Ruggley-IL)  
 7210 0600 RED CROSS: nx (333 5/22 Mellinger-NJ)  
 9725 0145 SBC: IS, mx box (534 5/17 Hrivnak-IL)(Potaczek-IL)(Romani-MI) (Hogan-NC)(0305 333 5/5 Stephenson-CA)(0430 444 5/28 Pettit-IA)(O'Brien-BC)(Gaede-CA)  
 11715 0215 SBC: EE/SS, nx (434 6/11 Trueblood-WI)(Thompson-NM)(Hagewood-TN)(Wheeler-KS)(Guhagiard-CAN)(Grenier-CA)(Gaede-CA)  
 11780 \*0145 SBC: USB, IS, ID, nx (433 5/21 Heath-KY)  
 15305 0208 SBC: "Talkback" (444 5/21 Grenier-CA)(Hodsdon-MN)(Pimblett-CAN)(Fisher-MA)(Somers-CA)(1820 433 5/22 Nadav-NY)(Donly-SC)  
 17740 1330 SBC: cmtry, USB mode (555 5/14 Fraser-MA)(5/27 Hauser-TN)  
 21570 1530 SBC: Dateline (555 5/15 Stone-CAN)(Maghakian-NY)(McIntosh-PA) (Jones-MS)  
 21585 1555 SBC: s/off with ID (353 5/27 Heath-KY)(1815 252 5/27 Harada-HI) (454 5/22 McIntosh-PA)

UNITED KINGDOM

5965 0015 BBC W/S: DJ pop mx (434 5/16 Hrivnak-IL)  
 7130 0253 BBC via Skelton: "radio play" (333 5/13 Pimblett-NE)(Earhart-PA)  
 9410 2110 BBC: World cup soccer (333 6/7 Famularo-NJ)(Pyne-MD)Earhart-PA) (0213 434 5/18 Blaize-LA)  
 9915 0200 BBC via WOFFERTON: nx (433 5/18 Blaize-LA)

UNITED KINGDOM (cont'd)

11955 0715 BBC World Service: British Press Review: (454 5/13 Hagen-IL)  
 15070 0600 BBC-WS: nx (343 6/9 Smith-CA)(McIntosh-PA)(1530 343 6/10  
 Pimblett-CAN)(1955 444 6/3 Thompson-III)  
 15250 1410 VOA--Wooferton relay: Georgian, tlk, ID in Georgian "Lap'  
 arakob Americanis Maz" (433 5/22 Peck-NY)  
 15435 \*1630 BBC--Skelton: Maltese, "This is London Calling Malta" (222  
 5/31 Utter-NY)  
 17770 1010 BBC: Rugby match (444 5/7 Smith-FL)(252 5/28 Zilmer-WI)  
 21710 1715 BBC--Rampisham: Cricket match (454 5/27 Hagen-IL)(131 5/25  
 McIntosh-PA)

UNION OF SOVIET SOCIALIST REPUBLICS

5920 1944 R. MOSCOW via ORSHA\*: mailbag (433 5/22 Blaize-ENG)  
 9685 0200 R. MOSCOW via SIMFEROPOL: tlk (333 5/13 Gaede-CA)  
 9700 0150 R. MOSCOW via Sophia\*: news (454 5/9 Mellinger-NJ)  
 11720 0140 R. MOSCOW via Vinnitsa\*: cmtry (433 5/25 Sulak-PA)(322 6/11  
 T. Smith-CA)(343 5/9 Earhart-PA)  
 11750 0245 R. MOSCOW via PLOVDIV\*: classic mx (444 5/7 Ruggley-IL)  
 (421 5/24 Sulak-PA)  
 11770 2300 R. MOSCOW via NIKOLAYEV\*: "Moscov Viewpoint" (545 5/12 Fraser-  
 MA)(0124 432 5/25 Sulak-PA)(0300 444 5/29 Hagewood-TN)  
 11780 0030 R. KIEV: "Youth Pgm" (433 5/12 Fraser-MA)(433 6/2 Johnson-FL)  
 11850 0044 R. MOSCOW via SIMFEROPOL: nx (353 6/9 Smith-CA)  
 11980 0050 R. MOSCOW via ARMAVIN\*: pgm for Chile (343 5/5 Stone- ONT)  
 12060 0317 R. KIEV: DX pgm (322 5/17 Stephenson-CA)(555 5/21 Worrel-ND)  
 (444 5/18 Monjure-LA)  
 12070 2010 R. MOSCOW via KIEV\*: nx (253 6/7 Wampler-VA)(354 5/25 Sulak-PA)  
 15100 0000 R. MOSCOW via VLADIVOSTOK\*: nx (343 5/31 Chan-OR)  
 15150 1034 R. MOSCOW via NOVOSIBIRSK\*: nx (333 6/9 Luskun-MD)(Sulak-PA)  
 (McIntosh-PA)(Willis-PA)  
 15185 1530 PEACE & PROGRESS via SERPUKHOV\*: cmtry (242 5/30 McIntosh-PA)  
 15395 1507 R. MOSCOW via TASHKENT\*: tlk (253 5/26 Sulak-PA)  
 15425 1515 R. MOSCOW via PETRO-KAM\*: cmtry (242 6/3 Romani-MI)(252 5/30  
 McIntosh-PA)  
 15455 1630 R. ATLANTIKA: "GOVORIT RADIOSTANSIYA ATLANTIKA" (454 5/14  
 Heath-KY)  
 15470 0405 R. MOSCOW via ARMAVIR: nx (333 5/19 Kaufman-NY)  
 17860 1215 R. MOSCOW via KURSK\*: nx (555 3/28 Proom-GB)  
 \*SITE REFERENCES UHN

VATICAN

5995 0110 VATICAN R.: s/off (333 5/14 Snyder-NY)--listed for 6015--ed.  
 9605 0105 VATICAN R.: nx (555 5/20 Yohana-NJ)(Hagewood-TN)(Romani-MI)  
 9615 0100 VATICAN R.: religious nx (545 5/23 Fraser-MA)--listed 9605-ed.  
 9645 2330 VATICAN R.: mx (222 5/19 Johnson-FL)(2045 433 5/29 Stickle-NY)  
 11845 0100 VATICAN R.: ID (333 5/12 Naylor-CA)  
 17840 0956 VATICAN R.: "Oriental Mass" (333 5/7 Smith-FL)  
 17900 1630 VATICAN R.: religious mx & nx (333 5/27 Buhagiar-CAN)

YUGOSLAVIA

9620 2158 R. YUGOSLAVIA: IS, ID, nx (343 5/13 Baum-FL)(111 Sulak-PA)  
 (343 Famularo-NJ)(443 Prath-FL)

FRANCE MAY HAVE A N.A. SERVICE YET

Sweden Calling DX'ers announced that Radio France International has inquired to the ITU for a North American Service between 2300 and 0000.

"TUNE-IN"

"Tune-in" is a new segment of Sweden Calling DX'ers to cover station programming material. On June 20 they read excerpts of the June SW Review (a column of the American SWL Club). Maybe next week it will be Woody's Column.

RADIO MALTA

Radio Malta with its colorful "Malta Calling" program has not been reported in recent months for some reason. Here is an update from Sweden Calling DX'ers: On 9530 kHz, the program in English is broadcast every Sat. at 1845 & in German every Tue. at the same time (Francois Steyn, S. Afr. via SCDX)

THE TWO BOBS SHOW THAT THERE IS A LOT OF HAM IN SWL'ING

On the Swiss Merry-Go-Round Show of June 10, we were treated to an interview with George Wood and Arne Skoog of Sweden Calling DX'ers via an amateur radio link. The talk was very candid and was unique to my memory

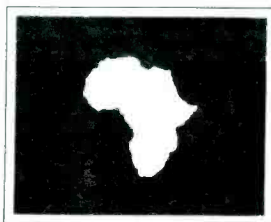
This is scheduled to be my last column so be sure to check the masthead for address changes. Thanks for all the support!!!!

# SWBC - AFRICA

Guest Editor:

Robert F. Butterfield  
P.O. Box 398  
Belmont, Massachusetts  
02178

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



This month's Africa column is being done by yours truly, Bob Butterfield, as well as next month's. All reports go to the address above by the 15th. Wayne Oliver will be back with the September issue after his move to Massachusetts. We'll have his new address next month. Please note the correct zip code above. On to the loggings!

## ALGERIA

9685t 2050 Radiodiffusion Television Algerienne: AA w/ oud mx, vocal folk mx, yl and om w/ tlk (333 5/21 Peck-NY)  
15160nf 2330 RTVA: AA w/ concert of Arabic pop and traditional mx, QRM de R. Nac. de Chile and Voice of OAS (422 5/20 Heath-KY)

## ASCENSION ISLAND

7270 0610 BBC, Atlantic Relay: EE nx (353 6/11 Smith-CA)  
17830 1130 VOA via Ascension: SS w/ "Buenos Dias America" (444 5/23 Mellinger-NJ)

## BENIN

4870 0512 Radiodiffusion de la Republique Populaire du Benin: FF/vern w/ tlk, afro mx, slogans, crowd cheers (332 5/22 Thompson-CA);(434 0515 4/24 Ruggley-IL)

## CAMEROON

5010 \*0425 R. Garoua: FF/EE w/ IS to 0425, EE s/on "This is Radio Garoua, a provincial station of Radio Cameroon", fqys, then FF s/on "Ici Garoua, station provinciale de Radio Cameroon", fqys, vern pgm at 0430, FF nx at 0500, EE nx at 0510 (434 6/15 Butterfield-MA);(222 0458 6/10 Thompson-CA);(232 0445 5/24 Trautschold-WI)  
9745 0500 R. Yaounde: FF/EE w/ nx,mx, IDs (333 5/22 Klumb-CA);(322 0645\* 6/1 Biller-NJ)

## CANARY ISLANDS

11880 2157 Radio Exterior de Espana, Tenerife: SS nx, mx, tlk (544 5/23 Stickle-NY)

## CHAD

4904.5 2254 Radiodiffusion Nationale Tchadienne: FF w/ lite pop mx, afro vocals, ID, anthem, 2302\* (353 5/13 Heath-KY);(454 \*0425 5/19 Howell-CA)

## CONGO, PEOPLE'S REPUBLIC OF THE

4765 \*0400 Radiodiffusion Television Congolaise: FF w/ IS ● 0400, s/on speech at 0405 "Comrades Congolaise ...", anthem, ID ● 0410 "Ici Radiodiffusion Television Congolaise", fqys, pgm preview, nx (433+ 6/15+ Butterfield-MA)  
15190 1913 RTVC: FF w/ afro mx, tlk on Namibian crisis (423 5/5 Buhagiar-ONTARIO) Keep em current! rfb. (544 5/24 Yohana-NJ);(554 5/14 Hagen-IL);(333 5/18 Hodson-MN)  
Also IDs as "La Voix de la Revolution Congolaise". rfb.

## EGYPT, ARAB REPUBLIC OF

9475 0210 R. Cairo: EE mx, mailbag, nx bulletin (544 6/2 Snellman-PA);(Snyder-NY);(Stephenson-CA);(Kemp-Blair-CA);(Worrel-ND)  
9805 2245 R. Cairo: EE commtry, ID, "with the Listeners" pgm, to Eur (444 5/28 Donly-SC);(454 2315 5/29 Stickle-NY)  
17920 1315 R. Cairo: EE pgm (352 5/28 Harada-HI) Details! rfb.

HAPPY ANNIVERSARY TO SPEEDX!

**ETHIOPIA**  
7110 \*0330 Voice of Revolutionary Ethiopia: Amharic w/ s/on (343 5/22 Maghakian-NY) Details. rfb.

**GABON**  
4777 2325 Radiodiffusion Television Gabonaise: FF w/ local mx, om w/ mentions of Gabon, version of "Hot Butter", EE pop mx, FF ID, anthem, 0003\* (343 5/13 Heath-KY)

**GHANA**  
6130 2135 R. Ghana (GBC): EE w/ nx, ID, lite pop mx pgm (343 5/14 Donly-SC)

**GUINEA, REPUBLIC**  
15310 1830 Radiodiffusion Nationale: FF tlk, enjoyable pgm of Arabic instrumental and Guinean vocal-folk mx, ID @ 1855 (433+ 5/30 Peck-NY);(444 5/28 Donly-SC)

**GUINEA-BISSAU**  
5041 \*0602 Radiodifusao Nacional: PP w/ IS of drums @ 0602, anthem, YL s/on 0603, afro mx, hvy QRN by 0615 (322 6/14 Dalum-IN)

**IVORY COAST**  
4940 \*0600 Radiodiffusion Television Ivoirienne: FF w/ vibraphone IS, anthem, ID "Ici Abidjan", tlk, rock mx (222 5/27 Peck-NY)  
11920 0705 RTVI: FF w/ nx, comtry, ID @ 0708 (444 5/12 Hagen-IL)

**KENYA**  
4915 0330 Voice of Kenya: EE w/ long political tlk to 0350, clear ID "This is the Voice of Kenya" by om, yl tlk, 0358 ID "You are listening to the Voice of Kenya", pgm preview, commercial or PSA, 0400 time pips, ID, "Here is the nx from Radio Nairobi", nx (322+ 6/14 Butterfield-MA) also hrd on 4934 w/ poor signals on 6/15. rfb.

**KERGUELEN ISLANDS**  
15295t 1200\* France Region 3, Kerguelen??: Following a third-hand unconfirmed report on SCDXers on 5/2 that a new FR3 station was testing here at 0900-1300, I checked 5/3 and did here intermittent tone tests, but no announcements, until abruptly off. Subsequent checks show only Radio Moscow on frequency (--- 5/3 Hauser-TN) For those of you who have your maps out, Kerguelen is located near Antarctica in the South Indian Ocean, Kerguelen is the largest of approximately 300 islands. Closet continent is Africa, might belong in Asia Oceania section. Glenn?

**LESOTHO**  
4800 0625 R. Lesotho: Sesotho w/ Afro mx, om ancr (242 6/11 Smith-CA)

**LIBERIA**  
3990 0434 VOA, Monrovia: EE w/ pop mx, ID (344 5/22 Blaize-ENGLAND)  
11945 \*0625 ELWA: EE/FF/AA s/on, into AA pgm, chanting (444 5/26 McDonald-HI);(454 5/27 Yohana-NJ);(454 5/13 Hagen-IL); (333 5/14 Gaede-CA)

**LIBYAN ARAB REPUBLIC**  
9500 0030 People's Revolution Broadcasting Service: AA w/ bell chimes, time pips, nx, vocals, speech, 0059\* (444 6/11 Heath-KY);(444 5/16 Thompson-NM)

**MALAGASY REPUBLIC**  
11730 2040 Radio Nederland, Talata: EE w/ DX Juke Box (544 6/1 Stickle-NY)(333 5/27 Smith-FL)

**MALI**  
4825 \*0558 Radiodiffusion Nationale du Mali: FF w/ anthem, band mx, "Ici Bamako", afro folk mx, drums (333 5/30 Peck-NY); (333 6/3 Heath-KY)

**MAURITANIA**  
4845 2145 Radiodiffusion Nationale: AA w/ mx, ID (322 5/3 Bartunek-AUSTRIA);(Howell-CA);(Peck-NY);(Hagen-IL) Also \*0600. rfb

**MOROCCO**  
11855 2148 VOA, Tangier: U/lang w/ mx pgm (322 5/23 Gaede-CA)

**MOZAMBIQUE**  
4896 \*0400 R. Mocambique: Vern w/ s/on, mx, drums, chimes (333 6/7 Howell-CA) Joe, pretty sure this is the station. rfb.



NIGER  
5020 \*0528 Office de Radiodiffusion Television du Niger: FF w/ anthem, ID as "La Voix du Sahel", flute mx (352 5/29 Heath-KY)

NIGERIA  
4990 2250 Federal Radio Corporation, Lagos: EE w/ mx, IS and ID at 2300, "This is the Federal Radio Corporation, Lagos" and "This is the FRC", nx, prayer, Islamic prayer in EE, Hausa Islamic prayer, fqy, s/off 2310\* (544 6/13 Butterfield-MA) See African Drumbeat section. rfb.  
7255 0700 Voice of Nigeria: EE w/ ID, nx (333 6/4 Baum-FL)  
7275 0600 VON: EE nx, current affairs, mx (444 6/11 Heath-KY)  
11770 0550 VON: EE w/ drums, ID (332 6/10 Collins-OR)  
15120 \*0554 VON: EE w/ IS, anthem, ID, fqys, nx (333 6/4 Famularo-NJ);(242 6/11 Smith-CA);(232 5/21 MacDonald-HI)

RHODESIA  
3396 0430 Rhodesia Broadcasting Corporation: EE w/ rock mx, EE tlk (141 5/10 Peck-NY) Safe bet, Martin. rfb.

RWANDA  
3330 1913 Radiodiffusion de la Republique Rwandaise: FF w/ yl w/ pol rpt, QRM R. Pakistan (323 4/25 Bartunek-AUSTRIA) Please try to keep reports within 5 days of previous month's deadline. rfb.  
11795 2200 Deutsche Welle, Kigali: Ger nx (333 5/23 Gaede-CA)  
15410 1415 Deutsche Welle, Kigali: Amharic s/on, nx (332 5/21 Prath-FL)

SEYCHELLES  
15325 1600 Far East Broadcasting Association: EE w/ ID @ 1615, "Hymm Time" // 11870 (454 6/2 Harada-HI);(454 1630\* 6/8+ McDonald-HI)

SIERRA LEONE  
5980 0600 Sierra Leone Broadcasting Service: EE w/ IS, s/on by yl, mx (222 5/3 Pettit-IA)

SOUTH AFRICA  
3215 \*0400 SABC: EE w/ IS, "This is the English Service of Radio South Africa broadcasting on FM and shortwave", rooster call, TC (GMT +2) (443 5/23 Howard-CA)  
3980 0403 SABC: EE/Afrikaans w/ MOR mx, ID 0406 (Naylor-CA)  
4810 0430 SABC: EE nx, mx (434 6/1 Butterfield-MA)  
4990 \*0300 SABC: EE w/ IS, IDs, nx (333 5/11 Howell-CA)  
5980 2230 R. RSA: EE n , comtry, "Panorama" (444 5/16 Fraser-MA) (322 6/3 Heath-KY)(545 6/3 Yohana-NJ)  
15220 1303 R. RSA: EE w/ "Africa Today" (444 6/5 Thompson-CA) (Sulak-PA);(Smith-CA)(Miller-CA)(Peck-NY);(McIntosh-PA)  
21515 1630 R. RSA: EE "Saturday Night RSA" (444 5/6 Bartunek-AUST)  
21535 1415 R. RSA: EE w/ features (141 5/30 McIntosh-PA);(232 5/7 Prath-FL)

SWAZILAND  
11955 \*0615 Trans World Radio, Mpangela: Afrikaans tlk (222 5/26 McDonald-HI)

TANZANIA  
15435 1845 R. Tanzania: EE tlk on South Africa (454 5/27+ McDonald-HI);(353 1645 6/2 Harada-HI);(232 0357 5/24+ Maghalian-NY);(252 0403 5/14 Heath-KY)

TOGO  
5047 0526 Radiodiffusion Television Togolaise: FF w/ IS, s/on 0528, ID @ 0530 (453 5/14 Dalum-IN);(243 6/9 Smith-CA) Also IDs as "La Voix de la Nouvelle Marche". rfb.

TUNISIA  
7275 \*0428 Radiodiffusion Television Tunisienne: AA s/on, ID, chants (333 5/15 Naylor-CA)  
15225 \*0425 RTVT: AA w/ s/on, anthem, fqys (353 9/6 Donly-SC);(433 5/10 Peck-NY)

HAPPY BIRTHDAY SPEEDX!

UGANDA

15325 0335v Uganda Broadcasting Corporation: EE w/ test transmission announced to the U.S.A. consisting of IDs and mx, broadcast lengths vary but generally between 0300-0400 "This is the Uganda Broadcasting Corporation with a test transmission to the U.S.A. on 15,325 MHz ..." (444 6/4 Rudolph-AL)(—4 5/19 Hauser-TN)(454 5/17+ Mellinger-NJ); (545 6/9 Butterfield/Schipelliti-MA);(555 6/3 Biller-NJ); (554+ 5/23 Peck-NY);(333 5/14 Maghakian-NY);(444 6/9 Famularo-NJ);(444 5/23 George-TX);(443 6/3 Heath-KY); (444 6/4 Kemp-Blair-CA);(443 5/24 Zilmer-WI);(544 6/4 Baum-IL) also (333 @ 1251 6/3 Onken-IL) and regular transmissions (222 1800 6/4 Naylor-CA);(253 1800 5/27 McDonald-HI)

ZAIRE

1400 \*0600 Voice of Education and Development, Bunia: FF w/ s/on, ID, tlk, possible nx (342 4/21 Howell-CA) would like more details, good catch. rfb.

15350 1754 La Voix du Zaire: FF w/ Amer pop mx, ID 1802, mx, tlk (333 5/27 Donly-SC);(252 0620 5/20 McIntosh-PA)

ZAMBIA

4911 0430 Zambia Broadcasting Service: Vern w/ local mx pgm to 0450, tlk (222 6/14 Butterfield-MA);(353 0620 6/11 Heath-KY)

11880 0600 ZBS: EE w/ "Voice of Zimbabwe" pgm in EE/Vern (333 5/21 McDonald-HI)

AFRICAN DRUMBEAT

Ciao! Your designated ooluan writer here, filling in for Wayne Oliver who tied the knot on Sunday June 18th. Wayne will be on his honeymoon and getting settled in his new home in the Bradford section of Haverhill, Massachusetts a few miles from SPEEDXer Greg Caliri. So remember to send your loggings to me for next month's issue also. Glad to see a lot of familiar names from my years as Europe/Africa editor, and happy to see a lot of new ones, too. Africa has always been my area of concentration and I was pleased at the excellent quality of reports this month. On to some news and views. BBC MS items appear with permission.

Federal Radio Corporation, Nigeria:

The Nigerian Broadcasting Corporation has reported that it will restructure its broadcasting operations into the new Federal Radio Corporation (apparently now in operation as of June 1st - see loggings) with a target area of the entire country. Four linguistic zones will be set up with bases in Lagos, Kaduna, Ibadan, and Enugu. The former regional state radio stations owned by the NBC will be turned over to the state governments for use in their own locals and be limited to 10 kw power to assure there broadcasting to their state areas and thereby to not compete with the PRC.

Look for increased powers from the PRC stations who'll identify as "Federal Radio Corporation, (Lagos, etc.). State owned stations will identify as " \_\_\_\_\_ State Radio". The Voice of Nigeria will continue as the external service as an independent operation within the structure of the PRC. (Robert Butterfield, BBC MS, Radio Nigeria)

Third Annual New England DXers Outing:

This years third annual outing will be held on the first Sunday following Labor Day, September 10th, at the Black Rock State Park in Watertown, Connecticut. This year it is hoped to attract over 75 area DXers and their families, friends.

Planned events include a "Sell and Swap-a-Thon", to sell, purchase, swap, receivers and accessories. The annual BAD Guys vs CONN Men/MAD Men Softball game, and much more!

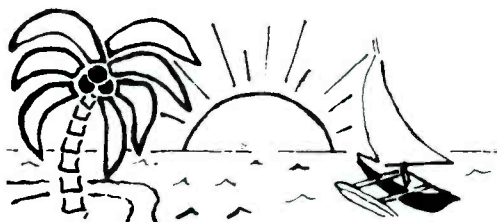
If you "tentatively" plan to attend and would like to receive more detailed information, please contact: Sam Barto, 245 Cherry Avenue, J-11, Watertown, Connecticut 06795. Hope to see you there!

Radio Nacional de Angola, Angola:

RNA has moved from 4870 to 4790 according to R. Australia's DXers Calling.

# ASIA-OCEANIA

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



DEADLINE: 15<sup>th</sup> of the month

Frequencies in KiloHertz      Time in GMT      month/day format  
a=approximate    h=harmonic    m=measured    t=tentative    \*0000=s/on    0000\*=s/off

FREQ    TIME    LOCATION

## BANGLADESH

15520 1233 AUSTRIA RB: EE nx, Bangla mx (Eba 232)

## BURMA

4724# 1331 OR BBS: OM w/ u/lang tlk (Uerlings 5/23 222); (1144 Thompson CA)

## CHINA

2415 1216 OR Wenzhou, Shejiang; CC OM w/ long tlk (Uerlings 5/17 222)  
2475 1223 OR Hangzhou, Zhejiang; CC YL w/ long tlk (Uerlings 5/17 232)  
6260 1250 OR Xining, Qinghai; CC orch. mx, anonts, Cao Lang? het. (Jackson)  
6830v 1240 CA R. Peking; SS w/ Chinese names, tlk on USSR (McCurdy 5/19 555)  
7025 1218 CA Fujian Front Station 2; CC w/ choral mx (Thompson 6/5 444)  
7120 0100 IL RP: EE mx, letters (Potaczek) a reminder that this is Albania  
7190 1250 CA Beijing 2; CC? tlk on Mao, some mx (McCurdy 5/19 323)  
9080 1150 FL Beijing 1; lots of CC tlk by YL (Prath 5/28 242)  
9390 1030 MA RP: CC singing w/ applause, YL anor (Fraser 5/2 453)  
9780 0100 ND RP: EE ID, nx (Worrel 5/21) this is also relayed via Albania!  
9965 1522 CA RP: u/lang, Oriental mx (Gaede 5/11 222)  
10245 1734\* CA Beijing 1; CC w/ classical mx, YL anor, anth., off (Thompson)  
11515 1848 CA RP: u/lang w/ some mx (Gaede 5/14 222)  
11650 1412 CA RP: EE tlk by YL on Cuban troops in Africa (Grenier 5/10 333)  
11655 \*1230 CA RP: IS, s/on, slight jamming, to Taiwan? (McCurdy 5/19 545)  
11685 1222 CA RP: EE tlk on Mao's policies (McCurdy 5/19 555)  
11695 1130 FL RP: PF s/on w/ nx (Prath 5/20 333)  
15030 1355 TN Beijing 2; CC tlk, mx, 1400\* (Hackney 5/18 141)  
15045 1718 NY RP: EE nx, ID, CC mx (Maghakian 5/25)(Stephenson CA)(Hackney)  
15050 2300 FL RP: SS IS, ID, nx, anont "Aqui R. Peking" (Smith 5/12 322)  
15060 1410 TN RP: CC YL w/ tlk (Hackney 5/18)(EE @ 0340 Stephenson CA)  
15080 \*1600 ALB RP: EE nx by YL (Pimblett 5/27)(Hackney TN)(Stephenson CA)  
15095 1415 TN RP: EE cmtry on USSR (Hackney 5/18 242)  
15200 \*0400 NY RP: u/lang s/on, tlk after IS (Maghakian 5/16 232)  
15480 1335 OR RP: EE YL tlk on agri. research, on LSB (Collins 6/9 252)  
15525 0120 ONT RP: EE cmtry, CC lang. lessons (Stone 5/24 233)  
15790 1045 WI V. of Malay Revolution: u/lang tlk, mx (Zilmer 5/21 353)  
17680 0015 MN RP: EE OM cmtry on KK/CC solidarity (Hodsdon 5/15)(Famularo)  
17690 0255\* NC RP: EE w/ freqs, s/off (Baldwin 5/28 322)  
17705 0200 NY RP: IS, s/on, u/lang tlk (Maghakian 5/17 242)  
17735 0300 NY RP: IS, s/on, PP nx by OM (Maghakian 5/15 343)(SS @ 0000  
Prath FL)(Earhart PA)(EE @ 0400 Baum FL)(Stephenson CA).....  
17855 0532 FL RP?: CC w/ play, choral singing (Smith 6/12 353)

## CYPRUS

6120 \*1300 CA BBC Limassol: AA w/ IS, ID, freqs, TC, wrld nx (McCudry 5/11)  
7190 2211 NY CBC: Grk w/ IS, \*2215, tlk, 2230\*, // 6155, 9770 (Maghakian)  
9770 2215 ONT CBC: Grk mx, nx, for Cypriots abroad (Buhagiar 5/27 322)  
21660 1200 ENG BBC Limassol: EE nx (Proom 454)

# ASIA

INDIA

11725 1445 CA AIR: EE mx, ID, nx, freqs, 1500\* (Miller 5/15 433)  
11810 1410 SC AIR: EE pgm of local mx, ID, cntry (Donly 5/17)(Uerlings OR)  
11855 1135 WI AIR: EE state & development nx, 1140\*, // 11725 (Zilmer 5/14)  
15125 1745 OR AIR: EE ID, freqs, sitar mx, vocals (Jackson 6/12 343)  
15325 \*1129 ONT AIR Madras: Tamil w/ ID, flute mx, drums, chants (Buhagiar)  
17705 1010 MA AIR: EE nx, cntry, // 11775, 15205 (Lobdell 5/22 342)  
17780 1110 WI AIR: u/lang w/ IS, ID to 1115, then tlk (Zilmer 5/20 433)

INDONESIA

3265 1135 CA RRI Bengkulu: local mx, tlk, TPs, 1200 ID (Forsman 5/26 252)  
3305 0930 CA RRI Bukittinggi?: Indo local mx (Howell) now listed on 3232  
3345 1239 OR RRI Ternate: Indo tlk, reading letters? (Uerlings 5/17 433)  
3414 1232 OR RRI Medan: Indo w/ tones (IS?) @ 1230, tlk (Uerlings 5/17)  
3960 1157 WA RRI Palu: Indo tlk, ID, local mx (Steen 6/12)  
4699t 1325 OR RKIP Surabaya: Indo OM w/ ancmts, Oriental type mx (Uerlings)  
4719 1122 WA RRI Ujung Pandang: Indo YL ancmts (Steen 6/12)(Uerlings OR)  
4754 1235 OR RRI Ujung Pandang: Indo pop mx, // 4719 (Bodell 6/19 434)  
4845 1134 WA RRI Ambon: Indo nx, mx (Steen 6/12)  
4855 1312 OR RRI Palembang: Indo tlk, // 4875? (Uerlings 5/20 333)(Steen WA  
4875 1245 CA RRI Sorong: local mx, ancmt by YL (Forsman)(Uerlings)(Steen)  
4945 1239 CA RRI Bandung: local mx, ancmt by YL (Forsman 5/16 353)  
5047 1203 WA RRI Yogyakarta: weak w/ Indo nx, heavy het. (Steen 6/12)  
5987 1205 WA RRI Manado: Indo ID, nx, mx, good after RJ leaves (Steen 6/12)  
7286 1347 OR RRI Fakfak: ancmts, Oriental chants, s/off mx, 1402\*(Uerlings)  
11789 1430 VOI: EE w/ lesson in Bahasa Indonesia every Tues. (Collins)  
(Howarth WA)(Sulak PA)(Hodsdon MN)(Ruggley IL)(Mappin WA)  
(Miller CA)(Smith FL)( Indo @ 1538 Thompson CA).....  
15202 0706 OR RRI Jakarta: Indo OM w/ long tlk (Uerlings 5/20 243)

IRAN

9022 2135 PA V. of Iran: Persian mx, Farsi anmts (Earhart 5/25 433-)  
15084 1600 ONT VOI: Farsi w/ beautiful Persian mx, tlk (Buhagiar 5/27)  
(@ 1900 Forsman CA)(Uerlings OR)(Hagen IL)(@ 1635 Thompson NM)

IRAG

11785 1640 SC Voice of the Masses: AA mx, tlk, 1701 ID (Donly 5/30 444)  
11905t 2355 CA R. Baghdad: AA mx, tent. ID, chants, TPs (Naylor 5/14 232)

ISRAEL

7412 0500 ENG IBA: EE nx (Proom 555) FL  
9435 2255 NJ IBA: EE w/ complete sked given (Yohana 5/18)(Fraser MA)(Prath  
11640 2100 NY IBA: Hebrew nx, call-in pgm, ads (Nadav 5/22 433)  
11655 0456 NY IBA: relay of "Reshet Bet" Hebrew domestic svce (Kaufman 6/9)  
(EE @ 0503 Grenier CA)(on 11653 Trautschold WI)(Harrington CO)  
(@ 2230 Rudolph AL)(Worrel ND)(Stickle NY)(Thompson CA).....  
15105 0501 CA IBA: EE wrld nx, Mideast mx (McCurdy 5/19)(Famularo NJ)  
15485 \*2230 CA IBA: nx, cntry, "Israel Hit Parade" (Kemp-Blair 5/30)(EE @  
2230 Smith FL)(Grenier CA)(Donly SC)(Hodsdon MN)(Hebrew @  
2300 Buhagiar)(Hebrew @ 0420 Kaufman NY).....  
15530 1225 KY IBA: EE wx, freqs, nx, 1230 into FP (Heath 5/12)(Buhagiar ONT  
15545 1100 AUSTRIA IBA: Hebrew w/ ID, nx, ads (Eba)(@ 0435 Peck NY)// 120774  
Novello NY)(@ 2254 Naylor CA).....  
17630 1230 WI IBA: Hebrew tlk, EE records, in HS (Zilmer 5/14 352)  
17685 0340 NY IBA: IS, RR tlk by YL, jammed, // 15230, 15415, 17710, 17815  
(Magharian 5/25)(EE @ 0508 Famularo NJ)(Baum FL).....  
17710 0340 NY IBA: "Hatikvah" IS, ID, RR tlk, //s (Peck 5/25 454-)  
17815 1800 HI IBA: IS, noise (Harada 5/27 333) more details please, reb.  
21495m 1830 NY IBA: Hebrew nx, // 17815 (Nadav 5/22)(@ 0412 Magharian NY)  
(EE @ 1200 Zilmer WI).....  
21625 1956 TN IBA: unlisted w/ EE, IS, 2001\* (Hauser)(RR to 1955 Zilmer WI)  
21650 2000 WI IBA: EE nx, low powered station, // 17710 (Zilmer 5/14 252)  
25605 1445 FL IBA: Yiddish tlk by OM (Prath 5/ 333)

JAPAN

3377 1030 CA NHK Osaka 2: "EE Hr. Pgrm", mx request, same as MW (Howard 5/13)  
9505 1008 MA RJ: EE to America, nx, almost daily (Lobdell)(Buhagiar ONT)  
9560 1500 GREECE RJ: EE nx (Constantinides 5/8 433) unlisted freq., reb.  
9595 1615\* SC NSB: JJ tlk, EE ads, s/off (Donly 5/24)(Pimblett ALB)  
9675 \*1045 KY RJ: IS, JJ/EE ID, Indo pgm (Heath 6/4 353)  
11815 1600 CA RJ: EE w/ world nx (Somers 5/20 353)(@ 1900 Thompson CA)

JAPAN (continued)

15105 0710 LA RJ: EE cmtry, newspaper articles (Monjure 6/4)(Thompson CA) (@ 1700 Hackney TN)(Pimblett ALB)(@ 2003 Jones MS).....  
 15195 0215 OR RJ: EE nx, then 0230 SS (Chan 5/31)(Bryan WA)  
 15270 0020 NJ RJ: EE w/ "Japan Today" (Yohana 5/25 344)  
 15300 1514 KY RJ: EE OM w/ "Current Topics", IDs (Heath 5/12 353) 15310?  
 15310 1700 MN RJ: EE w/ ID, OM nx, mx (Hodsdon 5/7)(Maghakian NY)  
 15420 0130 ONT RJ: EE cmtry on world population problems (Stone 5/24 333)  
 17725 0148 NJ RJ: EE YL tlk, JJ mx, // 17755, 17825 (Famularo 6/6 242)  
 17795 1000 ENG RJ: EE nx, cmtry (Proom 5/13 353)  
 17825 0215 IL RJ: EE w/ Asian nx (Ruggley 5/11)(Stone ONT)(Heath KY) (Grenier CA)(Lobdell MA).....  
 21535 0810 ITALY RJ: EE mx, features, interviews, ID, DX nx (Marable 6/4 333)

KAMPUCHEA

4908 1347 OR RDC: Khmer w/ Oriental chanting by OM, no insts. (Uerlings)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

6770 1205 CA R. Pyongyang: SS tlk on Kim, nx, ID, choral mx (Thompson 6/5)  
 9420 0915 CA RP: EE nx, tlk by YL, CW QRM (Prath 5/29)(McCurdy CA)  
 9977 1515 CA RP: EE tlk on CC/KK relations (Gaede)(Thompson CA)(@ 1215  
 10040 1545 CA RP: EE political cmtry and singing (Stephenson) / Prath)  
 11350 1000 WI KCBS: KK tlk by YL & OM (Zilmer 5/28 353)  
 11532v 0740 CA RP: EE YL tlk on ROK, 0751\* (Smith 6/11)(@ 1200 George TX)  
 11778 1400 IL RP: FF nx or cmtry, mx (Ruggley 343)

REPUBLIC OF KOREA

9580 1010 CA R. Korea: EE cmtry, mx (Miller 5/13 534)  
 9640 1605 CA RK: EE political tlk (Stephenson 5/30)(Gaede CA)(Miller CA)  
 9650 1130 WI RK: EE freqs, time sked, nx, cmtry, // 11965 (Zilmer 6/3 333)  
 9720 1823 PA RK: EE tlk on DPRK arms buildup (Sulak 5/24)(@ 1600 Pimblett ALB)(Thompson CA)(Grenier CA)(Thompson NM)(Stephenson CA)....  
 11860 1359 AUSTRIA RK: EE tlk, ID, RM QRM before 1359 (Eba 5/2 353)  
 11965 1130 WI RK: EE w/ freqs, nx, cmtry, // 9650 (Zilmer 6/3 322)

KUWAIT

12085 1834 NY RK: EE tlk on religion, rock mx, "your super requests" (Stickle)(Fisher RI)(Hackney TN)(Proom ENG)(Heath KY).....  
 21685 1440 SC RK: AA mx, "Huna Kuwait" ID @ 1459, tlk by YL (Donly 6/8 252)

LAOS

6130 1145 CA "Lao National Radio" (per QSL): u/lang w/ OM tlk, SEA mx, @ 1200 bell slowly rang seven times (Howard 5/13 333).....

LEBANON

11965 0230 MD RL: EE w/ 1/2 hr. of mx (Luskin 6/9)(Peck NY)(Heath KY)(Fisher RI)(PF @ 0130 Donly SC)(AA @ 0200 Maghakian NY).....  
 17765 \*1827 SC RL: EE w/ IS, anth., 2300 PP (Donly 5/31+)(0029 SS Maghakian)

MALAYSIA

5965 1300 WA RM Kuala Lumpur: Bahasa Malaysia tlk, nx, local mx (Steen )  
 7180 1245 CA BBC Tebrau: EE w/ "EE by Radio", ID for Far East relay(McCurdy)  
 7295 1355 WA RM Penang: EE w/ nx (Steen 6/12)  
 11750 1035 PA BBC Tebrau: EE w/ review of mx of the 20s (Earhart 5/29 343)  
 11900 1225 OR Suara Malaysia: CC YL w/ Malay pop mx (Bodell 6/19 333)  
 15280 1100 WI BBC Tebrau: EE w/ world nx, // 11750 (Zilmer 5/25 333)  
 15295 0855\* NJ V. of Malaysia: EE w/ Asian nx @ 1530, IDs, pop mx (Billier)

Sarawak

4835 1130 WA R. Malaysia Sarawak, Kuching: Melanau? w/ ID, mx (Steen 6/12)  
 4895 1255 CA RMS Kuching: u/lang pgrm (Stephenson 5/16 322)  
 4950 1208 WA RMS Kuching: EE nx, pop mx (Steen 6/12)(Stephenson CA)  
 7270 1230 CA RMS Kuching: inst. mx, pips, BM ID, nx (Thompson 6/5 545)

MONGOLIA

12060 1219 CA Ulan Bator Radio: EE w/ IS to 1220, then ID, nx, mx, news-  
 paper editorials, more mx, 1247\*, // 6383 (Keller 5/31 332)..

NEPAL

5005 1500 GREECE R. Nepal: EE tlk, nx (Constantinides 222)

PAKISTAN

11680 2135 NY RP: u/lang w/ Pakistan film mx, ID, anthem (Peck 5/27 433)  
 15110nf 1104 WI RP: nx in special EE, 1115\*, each sentence repeated twice at normal speed, not 15115 (Zilmer 5/28)(Lobdell)(Fraser MA)  
 15521v 1615\* WI RP: EE nx, // 11672 (Zilmer 5/29)(Urdu @ 1529 Naylor CA)  
 117830 0230 MD RP: 15 minutes of EE nx (Luskin 6/9 555)(Hodsdon MN)(Peck NY) Maghakian NY)(Swahili? @ 0308 Earhart PA)(EE @ 0336 Zilmer)..  
 17845 0238 NY RP: EE nx, then 0244 Indo, anthem, 0245\* (Maghakian 5/28) (Peck NY)(Earhart PA).....  
 21590 \*0230 NY RP: IS, TC, ID, EE nx, // 17830 (Novello 6/2)(Maghakian NY)  
 21730 \*0200 NY RP: IS, EE ID, Indo tlk, Qu'ran, nx (Novello 6/2)(Maghakian)

PHILIPPINES

6010 1300 CA VOA: EE ID, nx, cmtry, 1330 into Korean (Miller 5/25 333)  
 9715 1535 CA FEBC: CC dialect?, YL Christian hymns (Thompson 5/15 444)  
 11715 1330 IL VOA: EE nx, mx (Ruggley 5/13 333)  
 11830 1513 CA R. Veritas Asia: Tamil? address, nx, mx, 1529\* (Thompson 5/22)  
 11850 0825 CA FEBC: EE tlk, ID, nx, religious mx (Miller 5/13 544)  
 11955 1410 GREECE RVA: EE tlk (Constantinides)(@ 1500 Thompson CA)  
 15155 1100 WI VOA: EE nx (Zilmer 5/29 322)  
 15170 1500 CA RVA: u/lang tlk, mx breaks, ID, local mx, 1530\* (Thompson 6/5)  
 15215 2228 CA VOA: EE/u/lang w/ IS, ID, tlk (Naylor 6/4 222)  
 15300 1247 CA FEBC: Indo w/ tlk, relig. mx, ID, 1300\* (Thompson 6/5 444)  
 17765 1510 SC VOA: CC tlk by OM & YL, VOA jingle (Donly 5/25 333)  
 17810 0050 NJ FEBC: EE OM w/ relig. tlk, mx (Famularo 6/6)(O'Brien BC)  
 21485 0325 TN VOA-Philippines?: much stronger than RA-21680, inst. mx(Hauser 5/19)

SINGAPORE

5052 1300 CA R. Singapore: EE tlk, U.S. pop mx, het. (Forsman 5/26 322)  
 11940 1524 WA RS: EE YL, soft rock mx (Bryan 5/14)(Onken IL)(Grenier CA) (Somers CA)(Thompson CA).....

SRI LANKA

11835 1110 WI SLBC: EE w/ science show w/ tlk on meteors, diseases (True-blood 6/9)(Onken IL)(Fraser MA)(Zilmer WI).....  
 15120 1100 WI SLBC: EE nx, mx, cmtry, relig. pgm (Zilmer 5/29 222)  
 15185 0205 IL VOA Colombo: EE nx, cmtry, mx (Ruggley 5/7 333)  
 15425 0130 NY SLBC: EE w/ TPs, EE ID by OM, "Meditations" pgm w/ hymns (Peck 5/28)(Famularo NJ)(Constantinides GREECE)(Donly SC) (EE @ 1633 Naylor CA).....  
 17810 1101 NY SLBC: EE relig. pgm, ID, freqs, mx, // 15120, 11835 (Stickle 5/21)

TAIWAN

11860 1210 IL VOFC: Mandarin? tlk, Oriental mx (Hagen 5/20)(Ruggley IL)  
 11905t 0750 OR BCC Minhsiung: CC OM & YL tlk, march mx (Uerlings 5/20 333)  
 15225 2205 AUSTRIA VOFC: EE mx, cmtry on politics in SEA (Eba 6/5 343)  
 15345 0329 CA VOFC: EE ID as Taipei. CC stringed inst. mx (Smith 6/12 222)  
 15425 0030 CA VOFC: CC pgm (Stephenson 5/1 444)  
 17890 \*0100 KY VOFC: EE nx, interviews, ID, asks for reports, contest, cmtry (Heath 5/24)(Miller CA)(@ 0305 Stephenson CA).....

THAILAND

4830t 1340 OR RT: u/lang w/ Oriental type chanting mx by YL (Uerlings 5/23)  
 9655t 1125 OR RT: Indo YL w/ long tlk on SEA, U.S. pop mx (Uerlings 5/26)  
 11905 0842 CA RT: u/lang tlk, Thai mx (Keller 5/31 333)

TURKEY

9515 2140 MD V. of Turkey: EE nx, ID @ 2145, feature show (Pyne 5/17 434) (Fraser MA)(Buhagiar ONT)(Prath FL)(Yohana NJ)(Eba AUSTRIA)..  
 18900 0223 TN apparent Turkish (per Tony Buhagiar) private/pirate station on 5/7 w/ non stop mx, occasional pauses, still audible past 0500 (Hauser)(@ 0040 on 5/6 Stone ONT).....

UNION OF SOVIET SOCIALIST REPUBLICS (Asiatic and unknown sites) (Jones)  
 5960 1117 MS R. Station Peace & Progress via Vladivostok: EE nx, cmtry  
 5970 1155 CA Mayak pgm w/ IS, pips, RR nx, site? (Thompson) not Alma Ata  
 7750 1820 CA Mayak pgm w/ IS, OM ID, tlk, concert, site? (Thompson 6/7)  
 9725 1530 CA Yakutsk w/ RR pgm (Gaede 5/11 444)  
 9730 1745 CA Mayak pgm w/ classical mx, IS, TPs, ID in RR (Thompson 6/5)  
 11720 0005 MN R. Moscow via Vinnitsa: EE nx, cmtry (Hodsdon 5/15) Euro. sit

U. S. S. R. (continued)

11750 0258 NE RM via unknown site: EE cmtry on Soviet economy (Pimblett)  
 12020 0200 NY R. Magallanes via Moscow: SS ID, IS, freqs, to Chile (Peck)  
 1730 FL RM via Petropavlovsk: FF s/on, nx, cmtry (Prath 5/21 232)  
 12030 0259 CA R. Kiev via Petropavlovsk: IS, s/on in u/lang (Naylor 5/14)  
 15100 2210 ALB RM via Petropavlovsk: EE to UK, 2300 EE to NA (Pimblett)  
 15180 \*0300 NY R. Yerevan via Yuzhno Sakhalinsk: IS, s/on w/ Armenian tlk  
 and mx, EE from 0322-27 (Maghakian 5/17 342)(Peck NY).....  
 17890 0248 NY RM via Sverdlovsk: CC? tlk by OM/YL, IS (Maghakian 5/21)

Kazakh SSR

9780 \*0000 NY R. Alma Ata: IS, Kremlin bells, USSR & Kazakh anthems, RR  
 tlk by YL/OM (Peck 5/22 343-)(Maghakian NY).....

Kirghiz SSR

11740 1220 FL RSPP via Frunze: EE political cmtry, heavy QRM (Prath 5/20)

Uzbek SSR

11730 \*1200 NY R. Tashkent: IS, ID as "RT Calling", freqs, nx (Novello 5/27)  
 15460 1220 MA RT: EE interviews at film festival (Lobdell 5/21)(Buhagiar)  
 15505 1148 CA Mayak via Tashkent: RR? mx, tlk by OM & YL (Gaede 5/15 222)

VIETNAM

4819 1335 OR Ha Tuyen: Viet cont. tlk, het. from 4820, 1400\* (Jackson 6/12)  
 7083 1320 OR Bac Thai: Viet w/ MOR mx, tlk (Jackson 6/12 242)  
 10040 \*1000 KY V. of Vietnam: EE ID, nx, mx (Heath 5/23 222)(FP @ 1340  
 Thompson CA)(EE @ 1530 Klumb CA).....  
 10060 1115 NJ Hanoi 1: Viet tlk (Famularo 6/9)(Thompson CA)(Prath FL)  
 12035v 1000 WI VOV: EE nx, cmtry, varies to 12033, // 10040 (Zilmer 5/21)  
 15009v\*2030 NJ VOV: EE w/ nx of Vietnam, mx (Billier)(FP @ 1404 Miller CA)  
 (Viet @ 1445 Hackney TN)(Thompson CA)(JJ @ 1435 Donly SC)  
 (JJ @ 1547 Pimblett ALB)(FP @ 1946 Uerlings OR) .....

YEMEN ARAB REPUBLIC

9780 0428 NY R. Sana': AA mx, march mx, AA nx @ 0430 (Kaufman 6/9 333)

# OCEANIA

AUSTRALIA

4920 1335 CA ABC Brisbane: EE tlk, jazz mx (Howell 6/6 533)  
 5995 0945 NY RA Lyndhurst: Pidgin w/ mx, ID, freqs, IS in Pacific Is.  
 Svce, // 9760, 11790 (Stickle 5/21 554)(Heath KY)(EE @ 1030  
 Earhart PA)(EE @ 1230 McCurdy CA).....  
 6090 1315 BC ABC Sydney: EE w/ piano mx, AFRTS QRM (O'Brien 5/2 331)  
 6140 0945 KY ABC Perth: EE w/ wx rpt, lite mx (Heath 5/23 443)  
 6150 1200 CA ABC Melbourne: EE jazz pgrm, 1300 nx, ABC ID (Klumb 5/22 444)  
 9540 1125 PA RA Lyndhurst: EE mx, "Business Rpt", // 9580 (Earhart 5/26)  
 9570 1230 IA RA: EE w/ "Australian Nx in Brief" (Pettit 5/19 545)  
 9580 1230 PA RA: "Australia Tonite", "Review of Aust. Press" (Willis)  
 (Stickle NY)(@ 1100 Fraser MA)(Budolph AL)(Prath FL).....  
 9770 1245 OR RA: interview w/ OM from R. Singapore on facilities, ads,  
 sprts coverage, etc. (Bodell 6/19)(@ 1525 Gaede CA)(Grenier CA)  
 11790 0900 KY RA: Pidgin w/ ID for PNG, lite mx (Heath)(EE @ 0830 Prath FL)  
 11800 \*1800 CA RA: EE w/ world nx, pop mx (Thompson 6/1) unlisted, reb.  
 11835 0630 CO RA: EE nx (Harrington 6/8 545)(@ 0730 Miller CA)  
 11880 1621 NY RA: "Business Rpt.", stock rpts, mx (Stickle 6/12)(Hodsdon MN)  
 15140 0509 CA RA: EE nx, "Roundabout" McCurdy 5/23 544)  
 15160 0402 LA RA Lyndhurst: TPs, EE nx, ID, "International Report" (Mohjure  
 5/9)(Smith CA)(Mappin WA)(Pimblett ALB)(@ 0630 Grenier CA)...  
 15205 2227 SC RA: IS, EE ID, @ 2229, IS, into Viet pgrm (Donly 5/19 343)  
 15240 0650 PA RA Lyndhurst: EE mx pgrm (Sulak 5/31 353)(Thompson CA)  
 15260 0610 PA RA: EE YL giving world nx (McIntosh 5/20)(Naylor CA)  
 15320 0445 WA RA: EE pgrm, // 15160 (Mappin 6/7 444)(Stephenson CA)(Somers  
 CA)(@ 0130 Grenier CA)(@ 2205 Eba AUSTRIA).....  
 17725 0431 FL RA: EE w/ Aust. nx, pop mx, sprts magazine (Smith 5/7 454)  
 (Proom ENG)(Zilmer WI).....  
 17795 0015 CA RA: EE nx, "Focus on Australia" (Miller 6/12 444)(@ 0130  
 Stone ONT)(Heath KY)(Hodsdon MN)(Earhart PA)(@ 0330 McIntosh  
 PA)(Stephenson CA)(Smith FL)(@ 0521 Smith CA)(@ 0705 Sulak PA)

AUSTRALIA (continued)

21525 0445 PA RA: weak w/mx (McIntosh 5/23)(Maghakian NY)(Smith CA)  
21570 1535 CA RA Canarvon: EE w/ world nx, mctry (Stephenson 5/29 222)  
21680 0500 FL RA: EE w/ world nx to SEA (Leonard 544)(@0115 Thompson NM)

COOK ISLANDS

5045 0810 OR Cook Islands Broadcasting Corp.: u/lang w/ long tlk (Uerlings 5/20 211)

GUAM

15135 1430 BC Trans World Radio (KTWR): EE w/ "Songs in the Night" (O'Brien 5/13 332)

NEW CALEDONIA

7170 1045 ONT R. Noumea: FF tlk, intro to songs, musette waltzes by  
accordion (Buhagiar 5/6 322)(Peck NY)(@ 0745 Prath FL).....  
11710 0500 HI RN: "Radio scope" w/ interview (Harada 5/29)(Howell CA)

NEW ZEALAND

6105 0643 CA RNZ: EE inst. mx, "Sportscall" @ 0645 (Thompson 6/7 433)  
15130 0530 PA RNZ: EE mx, "Roundabout" (Snellman 6/6 444)(Pimblett ALB)  
(McIntosh PA)(Mappin WA)(Stephenson CA)Hagen IL)(Ireland TN)  
(Donly SC)(Peck NY)(Smith CA)(Thompson CA).....  
15380 0330 CO RNZ: EE mx, ID (Harrington 6/7 444)  
17710 0130 BC RNZ: EE w/ MOR mx, wx, ID (O'Brien 5/12)(Miller CA)(@ 0230  
Kemp-Blair CA)(Baldwin NC)(@ 0320 Peck)(Grenier CA)(Yohana NJ)

PAPUA NEW GUINEA

2428 1100 CA R. New Ireland: Pidgin w/ local/U.S. mx, 1130 ID (Forsman 5/26 252)  
3275 1228 OR R. So. Hillands: YL w/ Pidgin ancmts, local pop mx (Bodell)  
3290 0800 CA R. Central: EE/Pidgin? w/ local mx, IDs in EE (Forsman)  
3305 1241 OR R. Western: u/lang w/ U.S. mx (Uerlings 5/17 323)  
3322 1204 CA R. No. Solomons: Pidgin w/ local, U.S. mx, bad skips (Forsman)  
3335 1030 BC R. East Sepik: OM tlk, "Jailhouse Rock" (Seiler 5/21)(Forsman)  
3385 1040 KY R. E. New Britain: Pidgin/EE tlk, TCs in EE, EE pop mx,  
TPs, ID @ 1100, Local mx (Heath 5/12 343)(@ 0857(Howell)(Keller  
4890 0850 FL NBC: EE pop/classical mx, ads, TC (Prath)(Grenier)(Collins OR)  
9520 0643 CA NBC: EE sports best (Smith 6/11 333)

SOCIETY ISLANDS

6135 0533 WI R. Tahiti/FR3: FF/Tahitian tlk, beautiful island mx, // 11825,  
15170 (Trautschold 5/24)(Mappin WA)(Collins OR)(Gaede CA)....  
11825 0517 CA RT: Tahitian w/ island mx (Thompson)(Gaede CA)(Smith CA)  
15170 0045 ONT RT: FF songs (Buhagiar 5/26)(Prath FL)(@ 0335 Ruggley CA)  
(Peck NY)(Stephenson CA)(@ 0400 Kaufman NY)(Smith CA)(Snell-  
man PA)(@ 0530 Ireland TN)(McCurdy CA)(Mappin)(@ 1628 Thomp-  
son CA)

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

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AFGHANISTAN - RA's external svce has a completely new sked: Urdu (1300-1400),  
English (1400-30) both on 4775; Arabic (1630-1700), Russian (1700-30), Pushtu  
(1730-1800), Dari (1800-30), German (1830-1900), English (1900-30), all on 11770  
BBCMS

AUSTRALIA - RA is rebuilding the Darwin transmitter site, expect completion by  
1982, tho could be active in 1 year, also 2 new 100 Kw xtrs in Shepparton.....  
Mike Harvester OKINAWA

BANGLADESH -The latest domestic service sked is: (0030-0400, Su. 0500) on 4890,  
6145; (0600-1000, 1030-1300) on 7150 (not 1115-45), 9615; (1300-15) on 9615;  
(1315-30) on 4880, (1330-1730) on 3965, 4880.....the external svce in English:  
(0445-0515) on 15400, 17890, 21685; (1230-1300) on 15520, 21460; (1815-1900) on  
9550, 11890.....A. E. M. Abdullah, Bangladesh in WRTH Newsletter.

BRUNEI - Sked sent to Bob Donly, SC is as follows: Malay svce (2200-0600, 1100-  
1215, 1230-1430, Fri., Sat. 2200-1430) on 4865; Iban and Dusan svce (1215-30)  
on 4865; English svce (2258-0030, 0300-0500, 1200-1430) on 7215; Chinese svce  
(0030-0300, 0800-1100) on 7215; Churka Forces svce (1100-1200) on 7215.....

CHINA - broadcasts of the Taiwan service in the domestic service continue to  
be similar to those published in last months' A/O, with the exception of some  
earlier sign on times, 3860 is discontinued, and 6125 should read 5125...BBCMS



**CHINA** - The summer/autumn sked of the domestic service has changed to this:  
Beijing 1: 4460 (2000-2300, 1403-1735); 4800 (2000-0100, 1100-1735); 4905  
 (2000-2300, 1100-1735); 5320 (2000-0000, 1103-1735); 5860 (2000-0100, 1100-1735);  
6225 (2000-0100, 1100-1735); 6665 (2000-1735, not Fri. 0500-800); 6750 (2000-  
 0100, 1100-1735); 7095 (2000-0100, 1100-1735); 7504 (2000-1735); 7935 (2000-  
 2200); 9064 (2000-1735); 9080 (2000-2300, 2303-1400, 1503-1735); 10245 (2000-  
 0100, 1100-1735); 11290 (2000-1735); 11330 (2000-1735); 12120 (2300-0800, not  
 Fri. 0500-0800); 12420 (2203-0300, 0750-1735); 15550 (0003-1100); 15590 (2303-  
 1500); 17605 (0303-0750).....Beijing 2: 4250 (2100-2215, 1403-1700)  
4850 (2102-2240, 1433-1700); 5075 (2100-0000, 1333-1700); 5163 (2100-0000, 1333-  
 1700); 6345 (2100-0000, 1243-1700); 7190 (2218-1400); 7270 (2100-1700); 8007  
 (2100-0000, 0700-1700); 8320 (2243-0000, 0700-1430); 9020 (2100-1700); 9670  
10260 (2100-1700); 11040 (0003-1240, not Tu. 0530-0900); 11505 (2300-1500);  
12200 (0003-1100); 15030 (0000-1400).....frequency usage for the domestic svce  
**Minority Programme** is: 3900 Hailar (2230-2325, 0500-55) in Mongolian; 4035  
 Lhasa (0600-55, 1100-55) in Tibetan; 4068 Huhhot (0500-55) in Mongolian; 4110  
 Urumqi (0030-0125, 1300-55) in Uighur; 4190 (1200-55, 2230-2325) in Mongolian;  
4620 (2130-2225) in Korean; 4895 Huhhot (0500-55) in Mongolian; 4953 Xilinhot  
 (Xilin Gol Meng) (0500-55) in Mongolian; 4970/5440 Urumqi (0130-0225, 1400-55)  
 in Kazakh; 5915 (1200-55, 2230-2325) in Mongolian; 6045 Yih Ju (Donsheng) (0500-  
 55) in Mongolian; 6080 Hailar (Hulun Bol Meng) (0500-55, 2230-2325) in Mongolian;  
6430 (1000-55, 2130-2225) in Korean; 7010 (0500-55) in Mongolian; 7050 Urumqi  
 (0030-0125, 1300-55) in Uighur; 7660 (0500-55) in Mongolian; 8565 (0400-55, 1000-  
 55) in Korean, (1300-55) in Uighur, (1400-55) in Kazakh; 9490/9653 Lhasa (0600-  
 55, 1100-55) in Tibetan; 9920 (0030-0125) in Uighur, (0130-0225) in Kazakh,  
 (0400-55) in Korean, (1100-55) in Tibetan, (1300-55) in Uighur (1400-55) in  
 Kazakh; 11000 (1100-55, 2330-0025) in Tibetan; 15510 (2330-0025) in Tibetan,  
 (0030-0125) in Uighur, (0130-0225) in Kazakh.....BBCMS

**GUAM** - Here is **KTWR's** official sked for the period J-78 to 02 September:  
 (0845-1000) on 11780, 11890 in Japanese and on 17830 in Mandarin; (1000-1100) on  
11780, 11890 in English and on 15135 in Indonesian; (1100-30) on 11720, 11775,  
17855 in Cantonese or English; (1130-1300) in Mandarin on 11770, 11775, 17855;  
 (1300-30) in Viet, (1330-1400) in Lao, (1400-30) in Cambodian, (1430-1500) in  
 English, all on 11890, 11900, 15135; (2100-30) on 15135 in Russian; (2130-2230)  
 on 15135 in Japanese; (2200-55) on 15175, 17855 in Indonesian; (2230-2300) on  
15135 in Viet; (2300-0000) on 17830, 17855 in Mandarin; (0000-30) on 17830 in  
 Russian, on 17855 in English; (0030-0100) on 17830, 17855 in English; (0100-  
 0130) on 17855 in English.....thank to Bob Donly, SC...

**INDIA** - **AIR's** external service has the following changes form '78 **WRTH**; the Thai  
 programme is discontinued; **GOS** to **ANZ** (1000-1100) is on 11725, 15205, 17705,  
 and (2045-2230) 9535 replaces 7145; Cantonese/Kuoyu (1215-1315) 15250 replaces  
 7105; Nepali service is now on 7125, 9630 only; Tibetan (1230-1315) 9705 re-  
 places 5955.....via **WRTH** Newsletter

**INDONESIA** - In the **VOI** sked reported in last months' A/O (1500-30) should read  
 in Thai. The government says that private stations (non **RRI**) have been abusing  
 their rights after midnite, thus it has been forced to limit broadcast time to  
 2300-1700 GMT.....BBCMS

**IRAQ** - **Voice of the Masses** Arabic svce is now on 11935, ex 11925.....BBCMS

**KUWAIT** - The latest **RK** sked reads: 6055 (1600-2115); 7120 (0400-0730); 9505  
 (0815-1430); 11940 (0400-0715); 11990 (1830-2115); 17750 (0815-1515); 21685  
 (0930-1515) all in Arabic.....Programme 2 is: Arabic on 9650 (0900-1500);  
 Urdu on 9650 (1500-1645); Arabic on 21605 (0815-1315) and 9840 (1600-1915);  
 English (0400-0800) on 9650, 15345, (1700-2000) on 9650 and 12085...**WRTH**xltr

**LEBANON** - **RL** is now using 17765 (ex 15440) for English (1830-1900), Arabic  
 (1900-2000), French (2000-30), Portuguese (2300-30), Arabic (2330-0030), Span-  
 ish (0030-0100); and 11965 (ex 11825) for the period (0130-0330) in French,  
 Arabic, English.....BBCMS

**MONGOLIA** - The current frequency usage for **UBR's** domestic svce (**UBR 1 & 2**)  
 and the external service (**ES**) is as follows: 4082 and 4763 **UBR1** (2200-0100,  
 1054-1500), xcept relay Moscow's Mongolian service (1200-45), and **ES** in Russian  
 (1330-1400, Mon., Fri.); 5055 **UBR1** (2200-1500), xcept **ES** in Chinese (0730-0800,  
 Mon., Thu.), in Russian (1330-1400, Mon., Fri.), and relay Moscow in Mongolian  
 (0600-50, 0930-1000, 1200-45); 5980 **UBR2** (0829-1050), xcept Moscow in Mongolian

MONGOLIA, (continued)

(1000-30); 6383 UBR2 (0829-1050), xcept Moscow in Mongolian (1000-30), ES in English (1220-50, not Su.); 7238 ES in Chinese (1000-30), Mong. (1130-1200), Chinese (1300-30), Mong. (1330-1400), Chinese (1400-30), Mong. (1430-1500), Chinese (2100-30), Mong. (2130-2200); 7262 ES in CC (0730-0800, Mon.,Thu.), rest // 7238, plus UBR1 (0100-1054); 8890, 9575 ES in English (1715-45, not Su.) 11855 UBR1 (0100-1054), xcept ES in Chinese (0730-0800, Mon.,Fri.); 12070 ES in English (1220-50, not Su.).....BBCMS

NEW ZEALAND - The complete J-78 sked for RNZ is: 6105 (0500-1030); 9620 (0745-1030); 9770 (1800-2015); 11800 (1800-2215); 15380 (2030-0345); 17710 (2230-0445).....15130 also appears to remain in use.....WRTH Newsletter

NORTHERN MARIANAS - The planned FEBC SW transmitter on Saipan will be delayed until a lease for 12 acres of land has been accomplished, FEBC says they aren't anxious to get the SW station on air as the PI and Korean stations are operating "unmolested". Also, environmental factors are being taken into account. The MW outlet on 940 (1Kw.) is now operational (2000-0900), will be increased to 10 Kw. via Mike Hardester

PAKISTAN - The domestic service has this frequency usage for the period J-78: 3155 Peshawar (0045-0415, 0445 Fri., 1430-1810); 3240 Quetta (0045-0400, 0500 Fri., 1430-1900); 3335 Rawalpindi (0045-0400, 0500 Fri., 1430-1900); 3915 (1630-1810); 4735 Karachi (2345-0045); 4935 (Balti service) (0300-0400); 5010 Rawalpindi (0600-1100, 1200-1410) and Islamabad (0215-0415); 5060 (0045-0210, 1200-1325, 1400-1615, 1630-1810); 5110 (1300-1600), Sheema service (0300-0400); 5760 Peshawar (0600-1415); 5980 Quetta (0600-1030, 1045-1345, 1400-1600); 6030 Balti service (1130-1330); 6115 Karachi (1715-1845, 1915-2145); 7135 (0045-0325, 0350-0400, 0600-0803, 0830-1100, 1400-10, 1430-40, 1500-1615); 7265 (1000-1200); 7290 (0830-0945, 1005-08, Fri.); 9445 (0430-45, short pgrms @ 0600, 0700, 0800, 0900, 1000, 1050-07, 1200-1325); 9645 Karachi (0300-0430, 0500-0815, 1330-1430, 1445-1600)....frequencies without sites listed are Islamabad.....DSWCI

SAUDI ARABIA - the domestic service frequency usage is: 5875 (0300-2300); 6080 (1600-2300); 6085 (0500-0730); 7220 (0300-0730, 1000-2300, 0300-2300 Fri.); 9665 (0830-1055, 1300-1600); 9670 is Jeddah relay; 9720 (0300-0730, 1000-2300, 0300-2300 Fri.); 11685 (0600-0800, 1800-2300); 11775 (1800-2300); 11815 (0500-0700); 11870 (0500-1500); 11950 (0300-0730, 1000-2300, 0300-2300 Fri.); 15080 (1100-1300); 15365 (0700-0900, not Fri.); 17760 (0900-1800).....BBCMS

SINGAPORE - According to G. Romanin, Italy, the BBC has already moved part of its relay from Tebrau to Singapore and is at present using 7180 (2200-0045, 0930-1830) in Asian languages.....WRTH Newsletter.....

SOLOMON ISLANDS - Full independence for the Solomons is due on 07 July.....

SRI LANKA - The domestic service Channels 1 & 2 in Sinhala now sign on @ 0000. Special All Night Service on Full Moon days is (1600-0000) on 4902, (1730-0000) on 3395. The 3395 outlet now carries English (1330-1730, 1230-1730 Sat./Sun.). Deutsche Welle is building 2x250 Kw. SW transmitters at a new relay site at Trincomalee in NE Sri Lanka.....Oliver T. Goonawardena in WRTH Newsletter

TURKEY - VOT broadcasts in Turkish on 7170 (0400-0600, 1700-2000), 7270, 9515 (1700-2125), 9665 (0400-1200), 11800 (0600-1700); and English (1200-1300), Urdu (1300-30), Farsi (1330-1400), Arabic (1400-1500) on 9665; Romanian (1500-30), Greek (1530-1600), Bulgarian (1600-30), Serbo-Croatian (1630-1700), all on 7270; German (2000-2100), French (2100-30), both on 7170; English (2130-2255) on 7170, 7270, 9515.....BBCMS

VIETNAM - V. of Vietnam, the external service of R. Hanoi, sent this sked to Bob Donly: Russian (2130-2200) on 19, 25, 31 metrebands, (0400-30), on 25, 31m. (1630-1700) on 19, 25, 31mb.; Pekinese (2300-30) on 31, 41mb., (0330-0400) on 25, 31, 41mb., (1400-30) on 25, 31, 41, (2300-0000) on 25, 31, 41, 63mb., (1500-1600) on 31, 41, 63mb., (1100-1200) on 25, 31, 41, 63mb., Cantonese (0430-0500) on 25, 31, 41, (0000-0100) on 25, 31, 41, 63, (1300-30) on 31, 41, 63, (1430-1500) on 31, 41, 63; Lao (2230-2300, 0400-0500, 0930-1030, 1030-1100, 1400-30) all on 31, 41, 63mb.; Kampuchian (2200-30, 0100-30, 0330-0400, 0900-30, 1330-1400), all on 31, 41; English (1800-1900, 2030-2130) on 19, 31, (0900-30, 1000-30, 1530, 1630) on 25, 31, 41; French (1900-2000, 2000-30) on 19, 31, (0100-0200, 1300-1400) on 25, 31, 41; Spanish (0200-30) on 25, 31, 41, (1100-30) on 31, 41; Japanese (2200-2300, 1200-1300, 1430-1530) on 25, 31; Thai (2330-0000; 0500-30, 1130-1200) on 31, 41, (1600-30) on 31, 41, 63; Indonesian (0000-0100) on 31, 41, (0930-1000) on 25, 31, 41, (1030-1100) on 25, 31, 41, (1200-1300) on 31, 41  
freqs: 19mb=15009v, 14490; 25 mb=12035; 31mb=10040; 41mb=7470; 63=4860 73, B

# WORLD SERVICE STATION SKEDS

ÉMISSIONS

## PROGRAMMI

Editor:

TRASMISSIONI

PROGRAMS

BULLETIN DE PROGRAMMES

ORLA REESE  
1639 Massachusetts St  
Lawrence, KS 66044

SERVIZIO

ENGLISH SERVICE

Deadline: 15th

COMUNICATI NEL CORSO

PROGRAMME SCHEDULE

Well, here I go with my first try at this. I find out now how well I type. First, let's take a look at the feature of this column, the schedules. Here I go...

AFGHANISTAN, R. Afghanistan, EE, now on 11770 to Eur. @ 1900-1930, & on 4775 to S Asia @ 1400-1430. Diamond.

FINLAND, R. Finland, EE to NA, to 3 Sept.: 1300-1330(to 1430 Sun) 15105. 1430-1500 15200. 2300-2330 11800,15265. Zilmer.

ALGERIA, Radiodif. Tel. Algerienne, no lang. given: 0600-09007145,7245,6145,6160. 0600-0000 9685. 1200-0000 7145. 0900-1800 9510,9705. 1200-1500 6160. 1800-0000 6145,7245. 1800-2200 6160. Dalum.

AUSTRIA, ORF, EE to 3 Sept.:

to North America  
0130-0200 6155,9770,11870.  
0300-0400 6155,9650,9770.  
to WCNA, Australia, & SE Asia  
0430-0500 6015,17840.  
to Europe, NA, Australia, & SE Asia  
1230-1300 6155,9770,15155,17710.  
DeKoyer, S. Snyder.

BAWGLADESH, RB, Gen. Overseas Svce., in EE: 0445-0515 15400,17890,21685,25685 to M East. 1230-1300 11900,15520,17720,21460 to Eur. 1815-1900 7290,9500,11890,15285 to Eur. T. Smith.

BELGIUM, ORU, EE to 1 Oct.: 2345-0100 6080,9685 to North America. 1615-1700 11940,15250 to Africa/N Eur. Buhaglar, Hagewood, Worrel.

BRUNEI, R. Brunei, EE, on 7215 @ 2258-0030, 0300-0500 & 1200-1430. Donly.

CHINA(TAIWAN), VOFC, EE to NA, to 2 Sept.: 2140-2240 9685,17890. Hardester.

COMORO STATE, R.-Comores, has Int. Svce. in EE @ 1600-1700 on 3331 (4 KW). Kusalik.

COSTA RICA, R. Casino, EE @ 2300-0000 & 0400-0600, both on 5954. Diamond.

CYPRUS, Cyprus B. C., in Greek to Greek Cypriots abroad @ 2215-2230(Fri-Sun) on 6150,7130,9770. Buhaglar.

DENMARK, Danmarks Radio w/ test prgm. @ 2055-2105(2110) on 9710. Bartunek.

DOMINICAN REPUBLIC, R. Clarin, EE Int. Svce. @ 1500-2230(Mon-Sat), 1700-2300(Sun), & Special Service 1130-1730(Sun), all on 4850 & 11700. Radtke.

EGYPT, R. Cairo, EE 1200-1300 17920, replaces 1315-1445. Bartunek.

GERMANY, EAST, RBI, EE  
0100-0145 9730 ECNA. 0230-0315 9730 ECNA.  
0330-0415 11840,11890,11970 WCNA.  
0445-0530 9500,11720 E & W Africa.  
0645-0730 17700,17815,21465 SE Asia.  
1200-1245 15125,15320,21540 SE Asia.  
1315-1400 17800 Central Africa.  
1400-1445 15125,21540 SE Asia.  
1530-1615 15125,17700 SE Asia.  
1800-1845 15145,15170,15250 SE Asia.  
1830-1915 6080,6115,7185,7300,9730 Europe.  
2000-2045 15250,15390 W Africa.  
2115-2200 7260 Europe.  
Diamond, Dobbins, Watts.

GERMANY, WEST, DW, EE:

to Asia/Australia  
0120-0220 6055,7210,7285,9690,11945.  
0930-1030 9650,11850,15275,17710,17780, 17800,21540.  
1720-1750 7160,9590,11785,15405,17825.  
2100-2200 7130,9765.  
to South, Central & East Africa  
0430-0515 7150,7225,9565,9765,11765. 21600.  
1045-1115 11785,15410,17765,17875,21500,  
1715-1745 9735,11965,15135,17730.  
1745-1805 15135,17730.

West Africa  
0600-0630 9700,11765,11905,15275,17765.  
1200-1245 15410,17765,17875,21600.  
1930-2000 11905,15150,17780.

North America  
0130-0150 6040,6075,6085,6100,9545,9565,  
9605,11865.

0530-0550 5960,6100,6185,6135,9545.  
P. Thompson.

GREECE, VoG, to NA, to 3 Sept.; to last month's sked add 0000-0150 in Greek/EE/FF. EE nx. usually 15 min. after start of transmission. DeKoyer, Donly.

GRENADA, R. Grenada, EE (all 5 KW): 1545-1800 9550. 1945-2200 15105. 2205-0230 3300. Dobbins.

HUNGARY, RB, EE

2100-2130 6060,6110,7215,9655,11910,15225 Eur.  
0200-0230 6080,6160,9585,11910,15225,17710 to NA (except Mon).  
0300-0330 6080,6105,9585,11910,15225,17710 to NA.

HUNGARY, continued

0400-0415 ditto 0300 freqs, on Wed, Sat (DX prgm.). Earhart, S. Snyder, Talbot.

INDONESIA, RRI: Overseas Svce. (VoI) @ 0100-0200, 0800-0900 & 1400-1500 on 7110,11790. Also RRI, Celebes Is. in Indonesian @ 0830-1515 & 2130-0030 on 3215,5990,7296. Kusalk.

IRAN, VoI, @ 1830; 9022 is only freq. listed on summer sked. Dobbins.

IRAQ, R. Baghdad, EE: 2130-2230 9745. 0300-0400 11905. Hagewood, Radtke, T. Smith, Somers, Worrel.

ISRAEL, IBA, EE, off air 14 June: 0500-0515 W Eur/NA 9835,11655,11960,15105; Aust/NZ 11655; additional 17710. 1200-1230 W Eur/NA 11655,15405,17815,21495; Aust/NZ,S&E As 15530; addit. 17710,25605. 2000-2030 W Eur/NA 9815,11655; Af 9009,9425,17685; addit. 15630,17710. 2200-2230 W Eur/NA 9815,11655,15485; Af 17710; CA/AF 9435. Ligon, Hardester.

ITALY, RAI, EE nx. & mx., to Aug.: to NA @ 0100-0120 11810,15315. Dalum, Hagewood, Hardester.

KOREA, REPUBLIC, RK, changes in EE, thru Sept.: 0630-0700 15205. 1130-1200 9710,11965. 1330-1400 9710,11965. 2300-2330 9650. 1930 on 9665 discontinued. All other services remain the same. P. Thompson.

LEBANON, R. Lebanon reports that NA Svce. 0130-0330 changed from 11825 to 11965. EE @ 0230-0300. Diamond.

MALAYSIA, BBC, Tebrau Relay, to 2 Sept.: 0900-1130 15310. 0900-1615 9740,11755. 1100-1615 6195. 2200-2245 9570. Baldwin.

MONGOLIA, Ulan Bator R., Ext. Svce., EE: 1220-1250 (Mon-Sat) 6385,12070. 1715,1745 (Mon-Sat) 8890,9575. to SE Asia/F East. Diamond.

NEW ZEALAND, RNZ, EE to 2 Sept.: Pac.: 1800-2015 11800. 1800-2045 6105. 2025-0345 15380. 2100-0445 17710. 0400-0730 15130. 0500-1030 6105. Aust.: 0745-1030 9620. P. Thompson.

PHILIPPINES, FEBC, Overseas English Service: 11765 @ 0800-1000. 11850 @ 0800-1000. 11890 @ 2300-0130. 15395 @ 0130-0500. 15440 @ 1245-1515. 15450 @ 2300-0040. 17810 @ 0000-0500. 21515 @ 2300-0500. Yajko.

R. Veritas, EE, to 3 Sept.: 0100-0200 15275,17710 to S&SE Asia. 1400-1500 9590,11955,15165 to S&E Asia. DX prgm. @ 0105(Sat) & 1440(Mon). Miller.

PORTUGAL, R. Portugal, EE off air 8 June: 0300 & 0500 6025,11935 to NA. 2030 6025,9740 to Europe. 1800(1700 Sun) 15340,17880 to Africa.

1400 & 1600 (Mon-Sat) 17895 to India/M East. direct.

ROMANIA, R. Bucharest, EE to NA: 0130-0230 & 0400-0430 on 5990,6155,9570,11705,11840,11940. Kasprzyk, Moody.

SEYCHELLES, FEBA, EE S Asia 0630-0815 (wkends) on 19 MB. 0645-0815 (M-F) on 19 MB. 1530-1640 (dly) on 19,25, & 31 MB. E Africa 0400-0445 (dly) on 25 MB. New freq. @ 1530: 11865. Don't know the other freqs. Baldwin, Bartunek.

SINGAPORE, R. Singapore, EE: 0600-0000 on 5052 & 11940. Radtke.

SOUTH AFRICA, RSA, EE, to Oct.: 0256-0426 9585,7270,4990,3995 to E Africa. 0556-0700 11900,15220,17780 to W Africa. 1056-1156 17780,21535 to C & E Af/Europe. 1258-1450 (Mon-Sat) 11900,15220,17780,21535 C & E Af/Europe. 1458-1550 (Sun) 11800,21535 to C & E Af/Eur. 1556-1650 4990,9585,11900,21535 to E Af/ME. 2056-2150 7270,9585,11900,11800 to W Af/Eur. 2226-2320 5980,9585,9650,11900 to NA/Can. Dalum, Fraser, McIntosh, S. Snyder, Watts.

SPAIN, Spanish Foreign Radio broadcasts in EE @ 0100-0400, Teus. thru Sun., on 6065 & 11880. Hagewood.

SRI LANKA, AWR, EE 0330-0400 (Sun) 9720,15425. 1330-1400 (Fri) 6075,9720,15425. DX program, "Radio Monitor International" @ 0315 (Sun) 9720,15425; 1100 (Sun) 11835,15120,17850; 1900 (Mon) 9720,11870,15115,17850. The program is 15 min. long. Proom.

SLBC, EE Overseas Service to Asia: 0030-0230 6005,9720,15425. 0230-0430 9720,15425. 1230-1730 6075,9720,15425. to Aust: 1030-1130 11835. to Japan: 1030-1130 15120. to SE Asia: 1030-1130 17850. to Eur/N Af/ME: 1845-1945 11870,15120. to E Af: 1845-1945 15115,17850. Donly.

SWAZILAND, TWR, EE to Aug.: 0415-0420 (Sat) on 90 MB. Freqs.: 0430-0615 (daily) on 60,31 MB. 3200,3240, 0630-0905 (Sun) on 49,25 MB. 3275,4760, 0630-0835 (Mon-Sat) on 49,25 MB. 5055,5950, 1600-2105 (Sun) on 90 MB. 6070,7215, 1600-2035 (Mon-Sat) on 90 MB. 9520,9590, 1845-1850 (Sat) on 90 MB. 9730,11760, 1900-2105 (Sun) on 6 11955,17740. 1900-2035 (Mon-Sat) on 60 MB. All programs beamed to Africa. Baldwin, Earhart, Dalum, Leistner, McIntosh, P. Thompson.

SWEDEN, RS, EE to 3 Sept.: to NA 0030 11905. 0230 9695,11705. 1400 17790. 2300 9690,15205. to Eur 1100 9630. 1600 6065. 1830 6065. to E Asia 1230 15240. 15205 replaces 11800. All broadcasts are 30

SWEDEN, continued.

min. in length. Also, a special DX program, "Short Wave Corner-Radio In Sweden", only July-Aug. Buhagiar, Dobbins, Hardester, Moody, S. Snyder, Watts.

Another RS tidbit: A Swedish test program in SSB @ 1200-1600 21555 & 1600-1800 17785. Relays home service via PTT Sweden in Varburg. Bartunek.

SWITZERLAND, SBC,EE to N. Am., to 4 Nov.: 0145-0215 6135,9725,11715,15305,11780(SSB). 0430-0500 9725,11715. 1315-1345 15140,17740(SSB). Also, omnidirectional prgms. @ 0700,1200, 1315,1530,1815 on 3985,6165 & 9535. Diamond, Gaede, Stickle, Talbot, Watts, Zilmer.

TURKEY, Voice of Turkey, EE 1200-1300 9665 to Pakistan/India. 2130-2300 7170,9515 to Europe. Watts.

USA, AFRTS, EE to 2 Sept.: to Eur/Af 0000-0500 11790B. 0500-1200 9685B. 1200-1400 15430G,15330B. 1800-2300 11790G. 1800-0000 15430B. 2300-1200 6030G. to Carib/ 0100-0500 6030B. Antarc 0500-1200 9755B. 1200-1400 & 1800-0100 15330B. to Pacif/ 0600-1400 11805D. F East 1000-1400 9700D. 1800-0600 17765D. 1800-1000 15330D. to Indian 0100-0900 21670P. Ocean 1900-0100 11835P. Sites: B=Bethany D=Dixon G=Greenville P=Philippines Moody.

KGEI, EE, to 3 Sept.: 0800-1000 9555. 1000-1200 9580. 1200-1300 9530. Stickle.

UN Radio, EE news: 1830-1845(Fri) 15410,19505,21670 Greenville, & 17710 Tangier. 2245-2300(Fri) 11955,15240 Greenville. 0545-0600(Sat) 6055,9620 Greenville. 0707-0715(Sat) 6055,6135 Greenville. 0800-0815(Sat) 15235,17860 Monrovia. 1000-1005(Sat) 15250 Philippines. T. Smith.

WINB, "Mostly" EE: 1700-2000 17720 to Eur. 2002-2245 15185 to Europe. 2247-0330 15145 to S Am. Earhart.

WYFR, EE, to 2 Sept.: 6155 @ 0100-0500(0600 wkends) to Mexico. 11805 @ 1605-2000 to N & E Europe. 15110 @ 1230-1551(wkends) to Eur/N Africa; 1605-1700 to Europe/N Africa; 1800-2000 to Europe/N Africa. 17785 @ 1230-1551(wkends) to Eur/N Africa. 21525 @ 1605-2100 to W Africa. From Florida, 15440 @ 1700-1900 to Eur/N Af. 17845 @ 1700-1900 & 2000-2300 to Eur/N Af. Moody, S. Snyder, Watts.

See next column for USSR and beyond...

USSR, R. Kiev, EE to 3 Sept.: to Eur 2030-2100 9630,9775,11830. to N Am 0030-0100 9600,11780,15180,15405. 0300-0330 9775,11780,12030,12050,12060, 15425(9610 replaces 12060 Aug. 1). Fraser, Hardester, Monjure, Wampler, Worrel.

R. Moscow, EE to N America, to 2 Sept.: 2300-0100 9530,11720,11730,11750,11770, 11850,11960,12030,12050,15100,15240,15420. 0100-0300 7290\*\*,9530\*,9660\*\*,9680,9700, 11720,11730,11750,11770\*,11960,12030,12050, 15100,15240,15420. 0300-0400 7290\*\*,9530\*,9660\*\*,9680,9700, 11720,11750,11770\*,11960. to WCNA: 0330-0430 9710,12030,12050,15100, 15180,15400,15420. 0430-0730 9710,11720,12030,15100,15180,15400. \*to 31 July \*\*from 1 August Benjamin, Dalum, Diamond, Earhart, Kusalik, Ligon, Talbot. For transmitter & QSL sites, and other info on USSR DXing, see the USSR HF Bdcst Newsletter, edited by Roger Legge. \$3/12 issues from Box 232, McLean, Virginia 22101.

R. Tashkent has EE @ 1200-1230 & 1400-1430 on 11730,11925,15115,15460. Buhagiar.

VATICAN CITY, Vatican Radio, EE: N Am 0100-0115 6015,9605,11845 daily. Africa 1115-1130 17840,21485 Mon-Fri. 1200-71630 17840,17900,21485 daily. 1700-1945 11830,15120,17900 daily. 2045-2100 9625,11705,15120 daily. 2115-2145 6190,7250,9645 daily. Aust. 1515-71830 11810,15120,17825 Mon-Fri. 2210-2230 7235,9615,11705 Mon-Fri. Earhart, Stickle, Watts.

YUGOSLAVIA, R. Yugoslavia, EE: 1530-1600 9620,11735,15240. 1830-1900 6100,7240,9620. 2000-2030 & 2200-2215 same freqs. as 1830. T. Smith.

+++++ Now to let you know who you've let loose as your new editor of Station Skeds. I am Orla Reese, an 18 year old male (don't be embarrassed those of you who thought otherwise; it happens all the time). I am presently on summer "vacation", but I'm also a sometime student at Anderson College in Indiana, where I'm majoring in architectural engineering. I have been DXing for 5 years, and have been in SPEEDXfor land a half year. My other big hobby is genealogy.

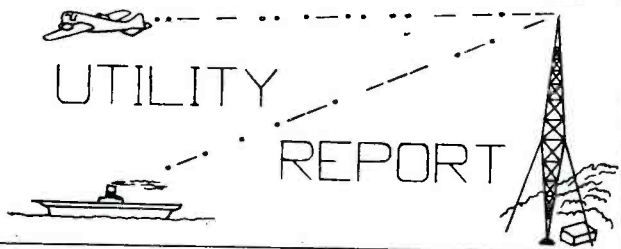
I would like to thank Larry Talbot for his 2 years as editor of the column. It has really helped me to find out where some of those stations are, and I know I'm not the only one that he's helped with his efforts. My hat's off to you, Larry.

I am certainly not the definitive expert on station skeds. That's where you all out there come in, by contributing to this and the other columns (that is why SPEEDX is called "the club for active shortwave listeners"). Also, send in all of your complaints and suggestions for making the column better. C U next month. *Orla*

Editor:

KEN COMPTON  
7 Mount Vernon Street  
Brighton, MA 02135

Deadline: 15th



**ZAIRE AIRLIFT:** MIKE CHABAK-CG and GARY RUSSELL-IL made some very interesting loggings during the recent U.S. airlift operation to Zaire. Mike reports that an Air Lift Control Center (ALCC) was set up at Dakar, Senegal, and another ZAA, at Kinshasa, Zaire, the latter evidently a temporary site for FORMAT, the 21st Air Force Op Center normally at McGuire AFB. Kinshasa was also referred to as FZAA, while FZQA seemed to be either Dakar or Libreville, Gabon. Gary reports that Dakar also seemed to be using the TAC call sign, DOMICILE. USAF Ascension announced 15015 to be used as a backup freq for these operations. See the loggings under Senegal, and Aircraft.

**MORE ON  
THE  
"MYSTERY  
SIGNAL"**

## **Electronic smog called signal from naval site**

EUGENE, Ore. (UPI) — Eugene's mysterious, pulsating, high-powered radio signals are not coming from outer space, but are a "naval operation" in Alameda, Calif., a Federal Communications Commission official said yesterday.

Marshall Van Ert, an industrial hygienist at the University of Oregon who was one of the original investigators of the pulses in the Eugene area, said the signals caused his skin to turn red.

"On at least five occasions I have had to leave my apartment," Van Ert said. "The signal strength will begin to increase in intensity in the evening from 6 to 7 o'clock and continue through the night and into the morning until about 8 or 9 o'clock."

Smith said the FCC had determined the signal was emanat-

ing from a "naval operation" at the Alameda Naval Air Station, on San Francisco Bay, but he did not know what the operation was.

"The data transmission is something that has been going on for some time," he said, "and there is nothing particularly mysterious about these radio signals that we can see."

The Oregon State Health Division said yesterday that matter now was in the hands of the federal Environmental Protection Agency for any further action.

(Brookwell-CA)

**EXPLANATION OFFERED** by Cmdr. Bennett of Alameda Navy Air, Treasure Is., San Francisco, CA: "The 11 dot, 1 dash signal emanating from Dixon is a 7500w xman supplying data from Moffett Field, and is not the signal reported as causing illness & high fever in the Eugene, OR area and reputed to be from a UFO or outer space. This mystery signal was originally reported on 4750 khz but the media confused the issue by assuming it to be the xman from Dixon on 4715 khz." Sounds more like a "homing" signal rather than "data" as the Commander states. (Larry Brookwell-CA)

**ANOTHER "MYSTERY":** A LORAN net was heard, mainly on 7461 & 9218 khz, at 0600-1000 GMT during mid May by MIKE CHABAK-CO. Apparently also on 3181, 4491, and 5776 khz. Transmissions were mainly radio checks between "Eglin Monitor", "Anderson Loran", "Raeford Loran", & "Keatchie Loran", with Eglin Monitor obviously the master station. Mike wrote USCG 7th District HQ and was informed that the CG has no such stations & the freqs are not authorized for Coast Guard use. The CG is of the opinion that it was probably a USAF experimental LORAN study.

**UNIDS ID'D:** DON LONGACRE-NY & BOB FRENCH-MD both note that HRN, hrd on 17500, is a SWBC station in Honduras, and that IDQ 6393a is listed by the ITU as Rome. Don thinks it may be the Italian Navy there.

Bob French wonders if the "D36" QRA mkr hrd on 9200a could be a mis-punched tape for D3B? And Bob says the LW "FCH" on 345 is really on 344; Chandler NDB, Fresno, CA. He also notes that ITU shows AAC30 hrd on 7699a as assigned to Fort MacArthur, CA.

Don Longacre adds that the CLP call hrd on 15544a is probably CLP4 at Ensenada Mora, Cuba; that GPW on 5605a is probably GPW35-45 at Rugby, England; and that the AYO CQ mkr hrd on 9868 come s/rcom Maquina, Argentina. Don wonders if the time tick hr on 6100 with "Asian language" announcements might possibly be YVTO, the Venezuelan Caracas Cbs time sig with SS announcements on that freq. And, from the May UNIDS, the JPA43/44 is listed by the ITU as Tokyo and the WRD it was calling as Tsing Sha Tsui, mainland China.

QSL COPIES WANTED: The Utility Report welcomes copies of your best ute QSLs, both cards & letters, which have good contrast. This latter is important---frequently the copies we receive are of too poor quality to be reproduced again. For example, received this month was a copy of a QSL from Edinburgh Rescue which was very unfortunately too faint in places to be used. So be sure the copies you send are of good quality so they may be printed here as space permits. But if you don't see your cherished QSL here immediately, don't despair---it may be used in a later issue, or it may be used for the next edition of the SPEEDX UTILITY GUIDE.

Incidentally, Utility Report has been receiving enthusiastic acclaim for the SUG 2nd pr. from both SPEEDX and other utilities buffs. So if you don't have a copy yet, order yours from HQ!

#### QSLs

All freqs in khz

AMERICAN SAMOA: KUQ20 GAS Pago Pago 17391.5 f/d ltr 30d ms (Russell-IL)  
ANTARCTICA: VLV Mawson Base 15845 PFC in 2m air for IRC (Russell-IL)  
VNJ Casey Base 15845 PFC in 81d air for IRC (Russell-IL)  
AUSTRALIA: VNG Telecom Australia Lyndhurst 12000. F/d fldr cd w/sta history & view of Melbourne in 27d air for IRC (Fisher-RI)  
CANADA: "YBK" Sanikiluaq aero beacon 208. PFC from Poste-de-la-Baleine Aeradio, Que. in 11d for BASE (Curtis-VT)  
VFG Gander Aeradio 5652 f/d form ltr 75d for no RP in 75d (Stickle-NY)  
CONGO: Brazzaville VOLMET 10073. No data ltr & sked 14 days air for FF report and 2 IRGs (Beukelman-HOLLAND)  
DENMARK: Lyngby R. 2182 QXZ antenna cd in 4m for 2 IRGs (Proom-ENGLAND)  
ENGLAND: GPU Portishead R. 4390 f/d cd in 8d for ms (Proom-ENGLAND)  
HAWAII: NRO7 Kure Ia. Loran 5320. PFC, ltr, & Kure orientation & info booklet in 46d for ms. VS: Keith Larsen. (Russell-IL)  
HOLLAND: PCH Scheveningen R. 1890 f/d cd in 7m for IRC (Proom-ENGLAND)  
Heliport Amsterdam 5654 PFC in 11d for ms & Dutch rpt (Beukelman-HOL)  
Address: KLM Noordzee Helikopters B.V. Hangar 6 Schiphol East Netherlands. (Also sent booklet + 2 stickers and 2 color postcards.)  
FBV Valkenburg Naval Air Base 8970 no data ltr, acft photo in 7d for ms, returned. (Beukelman-HOL) Address: Aan de Chef Verbindingsdienst Van Met Marine Vliegkamp Valkenburg Holland  
PCK93 PTT Hilversum 13810 date & freq only cd 83d for IRC (Broday-NY)  
ICELAND: NRR USN Keflavik 5167 PFC 10d for BASE (Curtis-VT) Address:  
U.S. Naval Communications Station Box #22 FPO NY 09571  
ITALY: IAR PTT Rome R. 13154.9 f/d ltr 45d air for 2 IRGs (Proom-ENGLAND)  
SCOTLAND: Edinburgh Rescue 5680 PFC in 32d for IRC (Beukelman-HOL)  
SWITZERLAND: MBG Prangins 75 khz. PFC via Schweiz R. 13d for IRC (Trochinczyk-FRG)  
U.S.A.: WLO Rogers City MI 4382.2 PFC 5d for ms. 1 kw (Brick-TX)  
WOO ATT Manahawkin NJ 4409.4. Date only cd 9d for ms (Brick-TX)  
NMC USCG Pt. Reyes CA 6506.4 f/d cd, sked & fldr 16d for ms (Brick-TX)  
NMF USCG Boston 6506.4 f/d cd & sked 11d for ms (returned) (Brick-TX)  
WFM ANCOM Jeffersonville IN 6518.8 PFC & ltr 4d for ms. 1kw. (Brick-TX)  
KMI ATT Oakland CA 8751.3 date only Ball cd 44d for ms (Broday-NY)  
NOQ USCG Mobile AL Air 8984 PFC + ltr 24d for ms (returned) (Russell-IL)  
Correct address for Mobile Air is: Commanding Officer U.S. Coast Guard Aviation Training Center Mobile, AL 36608  
WOM ATT Ft Lauderdale FL 13120 date only cd 7d for ms (Brick-TX)  
SHIPS: HMS "Antrim" GRTS 2182 PFC in 30d for ms (rtnd) (Proom-ENGLAND)  
NPCR CGC "Dallas" 6506.4 PFC in 9d for ms. 500w. (Brick-TX)  
NFIN CGC "Chilula" 6508 PFC in 7d for ms. 100w. (Brick-TX)  
NRLT CGC "Resolute" 6506.4 PFC & Folder in 9d for ms (Brick-TX)  
AIRCRAFT: Alitalia 566 DG10 8945 f/d ltr 57d for IRC & EE rpt (Beukelman-H)  
Address: Alitalia Palazzo Alitalia 00144 - Roma/Eur Italy  
CG #1492 5696 PFC & ltr 21d for no rp (Brick-TX)  
CG #1468 5697.4 f/d cd & TTY copy of flight sit rpt 7d for ms (Brick-TX)  
Swan 24 WC130E 6738 PFC in 58d for ms. 200w. (Chabak-GO)  
Gull 22 WC130E 8989 PFC in 8d for ms. 400w. (Chabak-GO)  
USCG 01 VC11 (VIP transport) PFC in 8d for ms. 400w. (Chabak-GO)  
King 54 HC130H 1551 Flying Training Sqdn, 1550 Aircrew Training & Test Wing, Kirtland AFB NM 11182. PFC 2 pics, 2 shoulder patches & ATTW data sheet in 33d for ms. (This wing part of the Aerospace Rescue & Recovery Service.) 400w. (Chabak-GO)  
SHIPS: "Olympic Falcon" 500. ltr 7 photo 35d for ms. 200w. (Holbrook-MD)  
IBPA "Americana" 500. PFC & photo in 37d for ms. 300w. (Holbrook-MD)  
NIKA "Sealift Atlantic" 500. Ltr in 380d(!) for IRC. 500w. (Holbrook)  
KAAZ "Overseas Vivian" tanker 500. Ltr in 17d for ms. 500w. (Holbrook)  
HOAP "Texaco Brighton" tanker 500. PFC in 27d for IRC. 200w. (Holbrook)

ELPH liner "Fairwind" 500. Ship pc w/QSL info added 47d IRC(Holbrook)  
 KAMP SS "TransIndiana" 500. Ltr in 20d for ms. 500w. (Holbrook-MD)

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	All times	<u>GMT</u>	<u>LOGGINGS</u>	All freqs in kHz
			<u>NORTH AMERICA</u>	
<b>ALASKA:</b>	7441	0650	NRW2 St. Paul Is. Loran wkg Attu USB (Chabak-CO)	
	8989	0639	AKA Elmendorf AFB OM EE wkg MAC60182 USB(Jones-CA)	
	13344	0357	KIS7Ø Anchorage VOLMET OM EE aero wx AM (Jones-CA)	
<b>CANADA:</b>	4402	0210	VCS CG Halifax OM marine wx SSB (Cohen-NJ)	
	5395a	2105	CJM247 Salmon Lake R/T OM EE tfc SSB (Curtis-VT)	
		2110	CGU916 Salmon Lake R/T OM EE/FF tfc SSB (Curtis-VT)	
	5652	0122	VFG Gander VOLMET OM EE aero wx AM (Stickle-NY)	
	6420a	0040	CFN Navy Grindstone R. C13L V mkr CW (Hrivnak-IL)	
	6693	0603	CKN Vancouver Military OM EE wkg Oreo(Devendorf-CA)	
	6746	0247	CHF Halifax Mil OM EE tfc to J54T USB(Devendorf-CA)	
	6925	0607	CKN Navy Vancouver C13E V mkr CW (Monjure-LA)	
	7335	0350	CHU Ottawa OM EE/FF time sigs AM (Thompson-CA)	
	8440	0640	VCS DOT Halifax R. NS V mkr CW (Forsman-CA)(Rugley 2355 (Hrivnak-IL))	
	8697	0811	CFH Navy Ellerhouse NS V mkr CW (Forsman-CA)(Hrivnak)	
	8854	1948	VFG Gander Aeradio OM EE wkg Alitalia 610(French)	
	8868	0529	VFG Gander VOLMET OM EE aero wx AM (Jones-CA)	
	11233	0030	CJX RCAF St Johns Mil OM EE wkg VXA USB(Compton-MA)	
	12722a	1704	CFH Navy Ellerhouse NS V mkr CW (Pyne-MD)	
	14670	1825	CHU Ottawa time sta OM FF/EE time sigs AM(Thompson)	
	14950a	1945	CJX St Johns Mil OM EE aero wx SSB (Proom-ENGLAND)	
	15035	1535	CHR RCAF Trenton EE wx USB(Hackney-TN)	
		1543	CJX RCAF St. Johns NS EE wx USB(Hackney)(Leonard-FL)	
		2332	CHR Trenton Mil OM EE aero wx SSB (Leonard-FL)	
		0415	XFS Tampico de Tamaulipas R. V mkr CW(Longacre-NY)	
<b>MEXICO:</b>	8690	0415	XFL Mazatland de Sinaloa R. CQ mkr CW (Cohen-NJ)	
	12772	0115	XFU Vera Cruz de Vera Cruz R. CQ mkr CW(Longacre)	
	12775	0005	WLC Central R/T Rogers City MI wx USB(Hackney-TN)	
<b>U.S.A.:</b>	2514	0527	KQD407 W. Va. CAP wkg Overland 311 SSB(Cohen-NJ)	
	4585	0302	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	5652	0545	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	5692	0633	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	5696	0137	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	5707a	0817	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	6325a	0330	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	6435.5	0830	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	6506.4	0550	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
		0530	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	6518.9	0615	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	6683	0408	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	8450	0040	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	8550	0300	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	8510a	0230	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	8748	1806	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	8765.4	1747	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
		0628	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	8989	0229	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
		1750	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
		1757	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	9023	0632	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	10454	0650	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	10498a	0147	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	11239	1734	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	11271	0250	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	12997.5	2300	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	13033.5	1405	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	13113.2	*1630	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	13162	2248	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	13244	1500	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	
	13272	2240	NY Volmet OM EE wx AM(Proom-ENG)2220(Pyne-MD)	



14790a 1905 ATT Dixon CA OM EE vm USB (Trueblood-WI)  
 15015 1540 AFL Loring AFB MA OM EE wkg Scott AFB USB(Hackney)  
 19640 1830 Orion Control Cape Canaveral Fl OM EE tfc USB  
 (Diebold-FL)  
 25017.5 2015 WCC RCA Chatham MA ID mkr CW (Trubee-HI)

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CARIBBEAN

BARBADOS:12709 0230 8PO C&W St. Phillip ID mkr CW (Thompson-NM)  
 CUBA: 8512 0500 CLS Navy HQ Havana CQ mkr CW (Boutin-CA)  
 8573 0735 CLA3 EMRAIN Havana CQ mkr CW (Forsman-CA)  
 13474 1907 CLA223 IRTS Havana bagpipe mkr AM (Jones-CA)  
 15285a 1455 IRTS Havana YL EE/SS vm USB (Nadav-NY)  
 GUANTANAMO:9275a 1840 AAC&R OM EE vm SSE // 10250a (Leonard-FL)  
 11130a 0215 AAC&R OM EE vm USB (Ireland-TN)1957(French-MD)  
 JAMAICA:12942a 0245 6YI C&W Kingston V mkr CW (Longacre-NY)  
 MARTINIQUE:6388.6 0929 FUF French Navy Fort de France V mkr CW(Forsman-CA)  
 PUERTO RICO:3470a 0055 NMR USCG San Juan CQ mkr CW (Hrivnak-IL)  
 8471a 0425 NMR USCG San Juan CQ mkr CW(Conway-MWI)(Forsman-CA)

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CENTRAL AMERICA

COSTA RICA:12000a 2321 TIM Limón R. V mkr CW (Monjure-LA)  
 13100 0014 TIM Limón R. V mkr CW(Osterman-OH)1335(Conway-MWI)  
 PANAMA GZ:8614 0515 NBA USN Balboa CQ mkr CW (Conway-MALAWI)  
 8993 2342 AHF Albrook AFB OM EE clg MAC70165 USB (Compton-MA)  
 11176 0444 AHF Albrook AFB OM EE wkg acft USB (Walters-NJ)  
 15095 0211 AHF Albrook AFB OM EE wkg AGREED USB (Russell-IL)

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SOUTH AMERICA

ARGENTINA:17045.6 0150 LPD46 Gen. Pacheco R. CQ mkr CW (Ruggley-IL)  
 BRAZIL: 8502 2017 PPL PTT Salinopolis V mkr CW (Conway-MALAWI)  
 14515 2200 PYP EMERATEL Rio YL EE/FF/SS OM PP vm (Stone-ONT)  
 2345 OM SS/EE vm USB (Ireland-TN)  
 CHILE: 6480 0740 CGS Navy Santiago V mkr CW (Forsman-CA)  
 COLOMBIA:4415a 0445 HKC EMERATEL Buenaventura CQ mkr CW (Howell-CA)  
 6386 0719 HKC Buenaventura-Valle R. ENTEL ID mkr CW(Forsman)  
 ECUADOR: 7600 0324 HD210A INOCAR Guayaquil OM SS time AM(Thompson-CA)  
 URUGUAY:12750 0215 CWA S/T Cerrito V mkr CW (Thompson-NM)  
 VENEZUELA:6100 0806 YVTO Obs Cagagal Caracas OM SS time sigs AM(Keller)  
 8959 0033 YXA Maiquetia Aeradio OM EE wkg VIASA 53(Compton)  
 17141.6 1335 YVG MinCom La Guaira R. CQ mkr CW (Ruggley-IL)

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EUROPE

AZORES: 8469 2045 GUG GPRM San Miguel V mkr CW (Longacre-NY)  
 8967 0634 CUW USAF Lajes OM EE wkg MAC60125 USB (Chabak-GO)  
 13244 1925 CUW USAF Lajes YL EE wkg NO1NC USB (Child-ME)  
 CYPRUS: 17240a 1537 5BA CTA Nicosia YL EE/Gr vm USB (Koizumi-JAPAN)  
 CZECHOSLOVAKIA:5575 0645 Prague VOLNET YL EE aero wx AM (Proom-ENGLAND)  
 8635a 1953 OMP GSPD Prague(?) V mkr CW (Conway-MALAWI)  
 DENMARK: 4303 0205 OXZ2 DGPT Lyngby CQ mkr CW (Cohen-NJ)  
 8598 0300 OXZ4 DGPT Lyngby CQ mkr CW (Thompson-NM)  
 12916.5 0310 OXZ6 DGPT Lyngby CQ mkr CW (Osterman-OH)  
 ENGLAND: 2182 2100 GHD Stonehaven R. OM EE tfc AM (Proom-ENGLAND)  
 4310 0430 MTI Navy Plymouth QSK mkr CW (Longacre-NY)  
 5688 0240 MKL RAF Tynemouth tfc CW (Compton-MA)(Walters-NJ)  
 8711 0128 GKP Ongar R. call mkr CW (Longacre-NY)  
 10000 0028 MSF N.P.L. Rugby time tick, ID @ 0030 CW(Compton)  
 11176 0727 AJE USAF Croughton OM EE wkg MAC60131 USB(Chabak)  
 2320 MKL RAF Tynemouth coded groups CW (Longacre-NY)  
 12835.5 2004 GKB Fortishead R. ID QRL mkr CW (French-MD)  
 16956 1355 GEC BPO Fortishead R. ID mkr CW (Ruggley-IL)  
 FINLAND: 2182 2158 OHF A.P.T. Mariehamn R. OM EE tfc AM (Proom-ENG)  
 FRANCE: 2182 2110 FFO PTT S. Nazaire EE tfc AM (Proom-ENGLAND)  
 2105 FPU PTT Brest-Le Conquet R. tfc AM (Proom-ENG)  
 6268a 0415 FUG Navy La Regine V mkr CW (Cohen-NJ)  
 8453 0212 HWN Navy HQ Paris "FC de HWN QRV K" CW (Cohen-NJ)  
 6348 0330 HWN Navy Hq Paris V mkr CW (Thompson-NM)  
 8522 0320 FFL4 PTT S. Lys R. CQ mkr CW (Osterman-OH)  
 8783.2 2305 PTT S. Lys R. mx OM FF vm USB (Compton-MA)  
 11034 0042 FTL3 FTS Paris YL EE/FF vm USB (Ireland-TN)  
 14888 0240 FT088 Intnt'l Network Paris OM FF vm USB(Walters)  
 17040.8 1630 FFS8/FFT PTT S. Lys R. V-CQ mkr CW (Longacre-NY)  
 18515 1009 FT351 Intrnt'l Network OM FF vm USB (Koizumi-JAPAN)


18855a	1336	Internat'l Network OM EE/FF vm USB (Koizumi-JAPAN)
20080	1810	FTU8 R. France Intnt'l OM FF vm USB (Compton-MA)
GERMANY, E.:12745	0225	DHS Ruegen R. V mkr CW (Thompson-NM)
GERMANY, W.:5690	0105	DHM95 Lahr Mil OM EE aero wx, 0110 clg Rhein Military USB (Compton-MA)
	0115	Rhein Military OM EE wkg DHM95 USB (Compton-MA)
11233	0226	DHM95 Lahr Mil OM EE wkg Trenton Mil USB (Devendorf)
12898.5	2000	DAN Norddeich R. CQ mkr CW (French-MD)
12852.5	0110	DFM95/DFM93 Bonames V mkr CW (Longacre-NY)
13027.5	0235	DAL DB Norddeich R. V mkr CW (Osterman-OH)
17143.6	1848	DAN DB Norddeich R. CQ mkr CW (Rugzley-IL)
17177.6	1845	DAL DB Norddeich R. CQ mkr CW (Rugzley-IL)
GIBRALTAR:4222.1	0150	GYU BRN ID mkr, slow CW (Cohen-NJ)
	6371	GYU BRN ID mkr CW (Thompson-NM)
	8625a	GYU BRN ID mkr CW (Kasprzyk-TX)
	9225a	GYU BRN clg MUL8 CW (Walters-NJ)
GREECE: 13047	0210	SVA OTC Athinal R. ID mkr CW (Rugzley-IL)
HOLLAND: 8970	0900	PBV Navy Valkenberg OM EE wkg acft USB (Beukelman-H)
	6385.5	PBC Navy Noordwijkhout V mkr CW (Walters-NJ)
	10302.5	PKC30 PTT Kootwijk OM EE vm USB (Walters-NJ)
	11034a	PTT Kootwijk OM EE vm USB (Diebold-FL)
ICELAND: 5167	2350	NRK USN Keflavik CQ mkr CW (Curtis-VT)
HUNGARY: 4239	1930	HAR Budapest Naval R. CQ mkr CW (Conway-MALAWI)
IRELAND: 5533	0700	KIP Shannon VOLMET OM EE wx AM (Proom-ENGLAND)
	5638	Shanwick Aeradio OM EE wkg Olympic 420 USB (Compton)
	5673	Shanwick Aeradio OM EE wkg Speedbird 252 (Compton-MA) 0700 aero tfc SSB (S. Proom-ENGLAND)
ITALY: 4350	0328	IRM2 Rome Medical R. V mkr CW (Curtis-VT)
	4393	IAR I.P.T. Rome OM EE/It vm SSB (Moody-ITALY)
	4616	IDR2 Navy Rome V mkr CW (Walters-NJ)
	16895	IAG Genoa R. V mkr CW (Trubee-HI)
	17232.8	Roma R. OM EE/It vm USB (Koizumi-JAPAN)
SPAIN: 12717	0255	ERA Navy Madrid EBCQ V mkr CW (Longacre-NY)
	12887.5	EAD44 CTNE Aranjuez R. tfc list CW (French-MD)
	13052.5	ERA Navy Madrid EBCQ V mkr CW (Cohen-NJ)
SWEDEN: 2182	2206	SAR A.C.T. Tingstade OM EE tfc AM (Proom-ENGLAND)
	8498	SAG2 G8teborg R. CQ mkr CW (Thompson-NM)
USSR: 8390a	0206	UPD M.P.T. Kharauz clg UNUC CW (Longacre-NY)
	8466	UJY M.P.T. Kaliningrad V mkr CW (Longacre-NY)
	12160	RGD25 R/T Moscow YL EE vm AM (French-MD)
	12855.8	UBF2 M.P.T. Leningrad V mkr CW (Longacre-NY)
	13050	UJQ2 M.P.T. Murmansk R. CQ mkr CW (Longacre-NY)
	13055.5	UJQ7 M.P.T. Kiev CQ mkr CW (Longacre-NY)
	17110.2	RIV Navy Khivi clg COY895 Holquin Cuba CW (Longacre)

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AFRICA

ANGOLA: 14958a	2105	EMPUTEL Luanda OM PP YL EE/FF vm USB (Russell-IL)
	20535	CQX58 EMPUTEL Luanda OM EE/PP YL FF vm (Koizumi-J)
ASCENSION IS.:6753	0627	AFE83 patching MAC60619 to 21st AF USB (Chabak-CO)
	19120a	AFE83 USAF OM EE wkg Patrick AFB FL USB (Russell-IL)
CENTRAL AFRICAN EMPIRE:	18845	0620 TLZ88 FCR Bangui YL FF/EE vm (Ireland-TN)
CHAD: 16411	0228	STIC n'Djamena YL FF/EE vm USB (Ireland-TN)
	16600a	STIC n'Djamena YL FF/EE vm SSB (Osterman-OH)
CONGO: 10073	1935	Brazzaville VOLMET OM FF aero wx AM (Beukelman-HOL)
	12125	TMB21 STIC Brazzaville YL FF vm SSB (Osterman-OH)
EGYPT: 8472	0411	SUP TOE Port Said V mkr CW (Longacre-NY)
	8959	0150 Cairo Aeradio OM EE wkg Air France 102 USB (Compton)
		2350 Khartoum Aeradio OM EE wkg Lufthansa 540 (Compton-MA)
IVORY COAST:10147	0705	INTELGI Abidjan YL FF/EE vm USB (Ireland-TN)
	20128	1352 TUA320 INTELGI Abidjan YL EE/FF vm USB (Koizumi-J)
LIBERIA:11685	0320	KRM44 U.S. Embassy Monrovia QRA mkr CW (Hrivnak-IL)
LIBYA: 8959	0011	Tripoli Aeradio OM EE wkg Galedonian 214 (Compton-MA)
SENEGAL:4575a	0247	6WW French Navy Dakar-Hann R. V mkr CW (Walters-NJ)
		0307 (Curtis-VT)
	11176	0700 Dakar ALCC patching MAC flt to FORMAT SSB (Chabak)
	11226	0315 DOMICILE Dakar ALCC wkg Andrews, Lajes, & Ascension LSB (Russell-IL)
UPPER VOLTA:11095	0030	XTA9 FCR Ouagadougou YL FF/EE vm USB (Ireland-TN)
		0224 (Osterman-OH)
	18090	1740 XTA80 FCR Ouagadougou YL FF/EE vm USB (Russell-IL)

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ASIA

CHINA: 16885	2105	XSQ7 Kwangchow R. ID mkr CW (Trubee-HI)
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HONGKONG: 8583 1005 VFS Cape D'Agulliar R. callsign mkr CW (Cohen-NJ)  
 13031 1113 VRN6Ø BRN ID mkr CW (Conway-MALAWI)  
 INDIA: 20535 1104 ATJ71 CTS New Delhi OM EE/Hindi vm USB (Koizumi-J)  
 12736a 2212 VTG Navy Bombay CQ mkr CW (Cohen-NJ)  
 INDONESIA: 3542 1448 PKI DJPL Jakarta CQ mkr CW (Conway-MALAWI)  
 8686 1115 PKB DJPL Belawan CQ mkr CW (Cohen-NJ)  
 JAPAN: 8000 1330 JJY Koganei YL JJ time AM (Keller-CA)  
 8547.5 0720 JFA Central Fisheries Chiba CQ mkr CW (Forsman-CA)  
 1440 (Conway-MALAWI)  
 8903 1742 JMA Tokyo VOLMET OM EE aero wx AM (Thompson-CA)  
 KOREA, N.: 18510 1243 KCWS Pyongyang YL EE vm AM (Koizumi-JAPAN)  
 MALAYSIA: 12768a 1040 9M32/3 Penang R. CQ mkr & tfc list CW (Cohen-NJ)  
 OMAN: 4233 1922 A4M OTC Muscat ID mkr CW (Conway-MALAWI)   
 SINGAPORE: 8708a 1210 9VG T.A.S. ID mkr CW (Kasprzyk-TX)  
 20823.5 1807 9VC97 TAS YL EE vm USB (Koizumi-JAPAN)  
 TURKEY: 17021.6 1918 TAH PIT Istanbul CQ mkr CW (Pagano-DC)

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OCEANIA

AUSTRALIA: 4500 1148 VNG Telecom Australia Lyndhurst time tick (Thompson-  
 8470 0659 VHP Navy Canberra V mkr CW (Forsman-CA) CA  
 8975 0700 AXH RAAF Townsville wkg a/c JMM USB (Chabak-CO)  
 12000 0620 VNG TA Lyndhurst time AM (Thompson-CA) 0700 (Pettit-IA)  
 16919a 2058 VIS AOTC Sydney V mkr CW (Trubee-HI)  
 GUAM: 11176 0638 AIE Andersen AFB YL EE wkg MAC60181 USB (Chabak-CO)  
 HAWAII: 8650 0415 NMO USCG Honolulu CQ mkr w/freqs CW (Conway-MWI)  
 8903 0630 KVM7Ø Honolulu VOLMET OM EE aero wx AM (Jones-CA)  
 9050 0431 NMO USCG Honolulu NUKO V mkr CW (Walters-NJ)  
 16909.7 0405 NMO USCG Wahiawa CQ mkr CW (Ruggley-IL)  
 NEW ZEALAND: 8505 0455 ZLB4 NZPO Awarua CQ mkr CW (Boutin-CA)  
 8678 0602 ZLP Navy Irirangi V mkr CW (Longacre-NY)  
 TAHITI: 8461 0451 FJA O.P.T. Mahina R. CQ mkr CW (Longacre-NY)  
 8625a 0325 FUM French Navy Papeete V mkr CW (Cohen-NY) (Forsman)

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UNIDENTIFIED

2550a 0015 ZWA22 QTH? CQ mkr fol by bulletin CW (Curtis-VT)  
 4715 0320 11 dots & 1 dash "mystery signal" CW (Howell-CA) 0619  
 (Monjure-LA)  
 7590a 1510 "W" beacon CW (Hackney-TN)  
 8548a 0747 VFA CQ mkr CW QTH? (Forsman-CA)  
 8635a 1535 HLW mkr & tfc, clg chips manually CW (Conway-MALAWI)  
 8963a 2343 CEF3A: "QRA DE CEF3A TELCO SANTIAGO DE CHILE AR ET" CW  
 (Compton-MA)  
 9010a 0136 11 dots and a dash, beacon-like "mystery sig"? CW (Compton)  
 9070a 0140 DTD6: "VVV QRA DTD6 DTD6 DTD6" CW (Compton-MA)  
 9980a 0440 Time tick, no ID, ticks a little higher & longer each  
 minute CW (Reese-KS)  
 11312a 0532 YL RR wkg acft, Aeroflot freq, CW also on it USB (Russell)  
 11420 0649 Tone every 5 seconds, no ID on hour CW (Thompson-CA)

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SHIPS

2182 2050 GLZM Warship HMS "Blake" wkg Land's End AM (Proom-ENG)  
 2115 Warship HMS "Yarmouth" OM EE tfc AM (S. Proom-ENGLAND)  
 2350a 0300 USS "Bowen" OM EE wkg Savannah marine op AM (Stone-ONT)  
 5680 1424 NFIN USCGC "Chilula" OM EE wkg acft TT22 USB (Compton-MA)  
 6506.4 0447 NCFX USS "Colombia" OM EE wkg USCG Miami USB (Russell-IL)  
 6521.8 2342 NJPJ CGC "Reliance" OM EE wkg Portsmouth CG USB (Starr-GA)  
 2353 NMDU USCGC "Diligence" R. ck w/Portsmouth SSB (Starr-GA)  
 2354 NNGP USCGC "Cherokee" R. ck w/Portsmouth SSB (Starr-GA)  
 6715 0739 "Porte Dauphine" Can. Navy wkg Halifax Mil USB (Chabak-CO)  
 8288 2343 H3XZ "Ocean Cyclone" cargo OM EE wkg WOM USB (Compton-MA)  
 12367 0951 PDGH "Breeveertien" OM Du wkg Scheveningen R. USB (Beukelman)  
 1740 PFSP "Makiri Smits" OM GG wkg PCH USB (Beukelman-HOLLAND)

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AIRCRAFT

5673 0257 Jamaica 001 OM EE wkg NY Aeradio USB (Compton-MA)  
 0302 France Coast Guard 054 OM EE wkg Shanwick USB (Compton-MA)  
 0305 World 805 OM EE wkg Shanwick Aeradio USB (Compton-MA)  
 5680 1418 TT22 OM EE wkg sailing vessel "Conestoga" in distress off  
 Bermuda, & clg USCG Portsmouth VA USB (Compton\*MA)  
 5688 0711 Allen Ø2 OM EE wkg "E3A LAB" Boeing Flight Test? USB (Chabak)  
 6727 0258 Edgy 12 OM EE wkg Scott patch to RAYMOND 24 USB (Chabak-CO)  
 6738 0628 Kiw1 876 OM EE wkg Hickam patch to LETTERMAN USB (Chabak)  
 6756 0250 Air Force 2 OM wkg Andrews AFB patch to CROWN USB (Devendorf)

8854 1755 Air France 02 OM EE wkg Gander Aeradio SSB (Compton-MA)  
 8910 0008 Maverick 791 OM EE wkg Gander relay to Clipper 1492(Compton)  
 2022 Clipper 910 OM EE wkg Gander Aeradio SSB (Curtis-VT)  
 8945 2315 Pakistani 703 OM EE wkg Santa Maria Aeradio USB (Compton-MA)  
 2317 KLM762 OM EE wkg Pakistani 703 USB (Compton-MA)  
 2319 "Axe 46" OM EE wkg San Juan Aeradio USB (Compton-MA)  
 8959 0038 Trans Aeros 38 OM EE clg Maiquetia Aeradio USB (Compton-MA)  
 0220 India 207 OM EE wkg Khartoum Aeradio USB (Compton-MA)  
 8967 0516 Saudi Air Force 908 OM EE wkg Lajes USB (Chabak-CO)  
 1835 Air Force 2 OM EE wkg Andrews AFB LSB (Russell-IL)  
 8984 0426 Coast Guard 01 OM EE wkg USCG Portsmouth VA USB (Chabak-CO)  
 8989 0230 Gull 220 OM EE wkg MacDill AFB USB (Compton-MA)  
 0607 Allen 02 OM EE wkg McClellan AFB USB (Chabak-CO)  
 0643 Dryer 20 (B-52G) OM EE wkg McCellan patch USB (Chabak-CO)  
 1755 AGAR 26 OM EE wkg MacDill AFB USB (Compton-MA)  
 11176 0337 MAC40652 OM EE wkg Ascension relay to FORMAT USB(Chabak-CO)  
 0544 MAC38082 OM EE wkg Ascension patch to FCRMAT USB(Chabak-CO)  
 11182 1646 GULL 16 OM EE wkg Scott patch to Miami Monitor USB (Chabak)  
 1704 MAPUP 79 OM EE wkg Scott AFB USB (Chabak-CO)  
 1951 Air Force 2 OM EE wkg Scott patch to CROWN USB (Chabak-CO)  
 2133 Ascot 2408 OM EE wkg Scott patch to Peterson Base(Devendorf)  
 11222 1213 Middle East 272 OM EE wkg patch to Brisbane USB(Beukelman-H)  
 11233 0034 Military 407 OM EE wkg Trenton Mil patch to Summerside Ops  
 USB (Compton-MA)  
 13215 1950 SAM86971(AF3) OM EE wkg Andrews patch to CROWN LSB(Russell)  
 13328 1720 Speedbird Concorde 170 clg NY Center SSB (Cohen-NJ)  
 15015 1623 Swing 04 OM EE wkg Loring patch to Swing Base USB(Chabak-CO)  
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**TACTICAL**

4700a 0120 BAGMAN & BIG PIE OM EE clg SKYKING SSB (Stone-ONT)  
 6735 0520 GUMDROP OM EE wkg DRAGNET OPS & TOPSOIL SURVEILLANCE(Russell)  
 6742 0150 ARIZONA PETE OM EE wkg PAPA NOVEMBER USB (Chabak-CO) 0211  
 (Devendorf-CA)  
 6898a 1530 GAMBLER OM EE wkg TRUNK re tac air strike USB (Russell-IL)  
 9025 0258 SLY 22 OM EE wkg EYE GOGGLE patch to OUCH CONTROL USB(Compton)  
 9027 1358 ANWAR(?) 81 OM EE wkg VETERAN & AFDA CONTROL USB(Compton-MA)  
 2015 DOGPOUND OM EE wkg SKYBIRD & ASPER(?) 25 USB (Compton-MA)  
 9035a 0156 BRISKLY OM EE wkg DEMAND & DIGNIFY USB (Compton-MA)  
 11214 0652 BRAGNEY 10 OM EE wkg GUMDROP patch to RAYMOND 24(Devendorf)  
 15041 1550 BUCK 19 OM EE clg SKYBIRD on "Frequency Mike" USB(Hackney-TN)  
 17300a 2245 GERONIMO OM EE wkg AEROSOL HQ USB (Russell-IL)  
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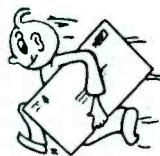
**"SPY" NUMBERS STATIONS**

4308a 2314 YL EE 5-digit groups AM 5/21/78 (Maghakian-NY)  
 5811a 0325 YL SS 4-digit groups AM 6/1/78 (Ireland-TN)  
 5820a 0130 YL EE 4-digit groups AM 6/16/78 (Starr-GA)  
 0504 YL (different than 0130) SS 4-digit groups AM 6/16(Starr-GA)  
 5810a 0413 YL SS 4-digit groups AM 6/9/77 (Trueblood-WI)  
 6748a 0732 YL SS 5-digit AM 5/19/78 (Devendorf-CA)  
 6770a 0618 YL SS 5-digit "Final" @ 0619 AM 6/4/78 (Jones-CA)  
 7342a 0614 YL SS 5-digit groups AM 6/7/78 (Thompson-CA)  
 8960a 2343 "656" repeated. 2345: 759 44 BT 5-d grs ea gr rptd 2348 off  
 CW (Compton-MA)  
 9450a 0231 "Charlie Mike" flute tones, "We have information for 395" YL  
 5/11/78 (Maghakian-NY)  
 10449.8m 0235 "Charlie Mike" YL EE, tones 3 & 4 digit USB5/21(Mellinger-NJ)  
 10502a 0203 "Papa Uniform" electronic tones YL accented EE "We have in-  
 formation for 599, 5-digit groups, ea gr rptd. 0220 "End of  
 the information", off. AM 5/27. # also hrd on 5/29 @ 0210,  
 & PU again w/same xmen 5/30/78. # again @ 0206 6/2/78 &  
 0207 6/3. (Compton-MA) Same YL hrd again @ 0200 6/4 w/  
 "Sierra Foxtrot" & different msgs, and rptd same on 6/5 &  
 6/8 & 6/12. Hrd w/"PU" & different msgs on 6/6, 6/10, & 6/13.  
 11107a 0048 "Achtung 663" YL GG 5-digit groups AM (Ireland-TN)  
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**RADIOTELETYPE**

ALASKA: 8459 0428 NOJ USCG Kodiak tlc to NNHB "Yacona" 100 wpm/170 hz  
 shift (Boutin-CA)  
 BRAZIL: 13797 0315 ZVK City? RY test 60/??? (Keller-CA)  
 PERU: 7535 0200 AFP Lima SS news 66/170 (Boutin-CA)  
 UNID: 4060 0320 WBC128 weather ??/??? (Boutin-CA)  
 U.S.A.: 7737.5 0218 WFA37 AP NY SS news 66/170 (Boutin-CA)  
 44 14725 0100 WFD44 DPA NY SS news 66/425 (Boutin-CA)

# QSL REPORTS



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

Verified countries -- 136

Deadline: 15th of month



July again! We're over the hump for this year and even SPEEDX is a year older. HAPPY SEVENTH BIRTHDAY!

Of interest (and importance) is a press release from R. Finland forwarded by Don Johnson which I will quote in part. "....The number of reception reports flooding in has risen to a level where we either have to hire more secretarial staff and cut back on our program-makers, or tighten up on QSL card policy. We've chosen the latter. From now on, a R. Finland Audience Card is going to mean a lot more. From June 1st, the minimum details for a verified report are: (1) date, (2) time (GMT), (3) frequency, (4) program subject, (5) comment on program, (6) reception conditions. But to reward our faithful listeners and regular correspondents, we're bringing out a series of 12 Audience Cards, a different one for every month of the year.

There will still be no charge for an Audience Card - no IRCs needed. We think this would be unfair to our younger listeners, and those in developing countries. And if the postal charges to Finland are too high for any listener, he or she is welcome to send their report to the nearest Finnish embassy."

For those who don't notice much change, let me point out that it is in item 5. You must have comments on the program. Speaking frankly (and personally), I think it is a good idea. They have a good idea of the quality from their regular monitors; what they really want to know is how their worldwide audience accepts their programming. This single item fundamentally determines their course of action in the future--indeed, even whether or not they continue worldwide SW broadcasts. At any rate, it is heartening to know that the number of SW listeners is increasing. (And don't forget to send me copies of their new cards as they are issued.)

A goodly number of reporters (75) reporting this month, 15 for the first time. Keep it up--it's your club and I can only report what you send in. On with the show.

## Europe

- ALBANIA:** R. Peking Relay, 9780, date/fqy cd w/photo of steel mill in 23d air (LINK CA)  
R. Tirana, 6200, date/time "poster type" cd in 59d air, no rp (RUGGLEY IL), 49 mb, f/d cd "Haut Leve L'esprit Revolutionnaire" in 96d sfc (HOWELL CA); 41 mb, same in 106d sfc (HOOK FL); 11985, same in 83d air, no rp (SMITH FL)
- AUSTRIA:** ORF, 9270, f/d cd "Moosbrunn shortwave transmitter" in 47d air, no rp (SMITH FL), f/d cd "Lovers" by Wolfgang Hutter in 27d air, 1 IRC (DE KOYER NJ); 15320, same cd in 5 wks air, no rp (LOBDELL MA)
- BELGIUM:** ORU, 6080, f/d blue/white globe and logo cd in 33d air + pennant (GARFIELD MA), same cd in 40d air, no rp (HAGWOOD TN), same, 50d air for 2 IRCs (BUHAGIAR ONT), same in 55d air, no rp (WORRELL ND); 9230, same cd in 39d air, no rp (DOBBINS NC)
- BULGARIA:** R. Sofia, 6070, date/time cd "Resort of Pamporovo" in 94d air, no rp (YAJKO PA), f/d "Alexander Nevsky Memorial Cathedral" cd in 90d sfc, no rp (PROOM GB); 7115, same cd in 75d air, no rp (SMITH FL); 9200, same in 70d air (McCURDY CA); 9265, same in 7d (?) air, no rp (HOGAN NC); 31 mb, same in 60d air (STICKLE NY)
- CZECHOSLOVAKIA:** R. Prague, 4990 (?), 5930, 7345, 9540, 9650, 11990. F/d cd "Trade Fair Grounds" in 56d air, no rp (MILLER CA), "40 yrs of R. Prague" in 7 wks (VOCKEROTH PA), "Highest Peak of the Low Tatra Mountains" in 60d air, 1 IRC (STONE ONT), drawing of castle and statue in 44d air (SNYDER NY), castle near the Danube in 58d air (WORRELL ND), "Castle of Prague Hradcany" in 73d air (GARFIELD MA), "Lpno Dam" in 45d air (SNYDER NY), "Bratislava" in 46d air (SMITH FL), drawing of building (SNYDER NY), view of castle from across the Danube in 58d air (FRASER MA)
- DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 36d air (GARFIELD MA)
- FINLAND:** R. Finland, 11735, f/d cd "Winter in Finland" in 39d air, 2 IRCs (MAYER CA); 11755, f/d cd "Spring in Finland" in 38d air, no rp (O'BRIEN BC); 15105, f/d "60th Anniversary" cd in 35d air, no rp (LOBDELL MA), same in 26d + pennant, 1 IRC (DOBBINS NC), f/d "Spring in Finland" cd in 29d air, 2 IRCs (THOMPSON NM), same in 54d air, no rp (ZAVATSKY CT), "Picture postcard" in 29d air, no rp (RUGGLEY IL); 15270, same cd in 44d air, no rp (HOWELL CA)

**FRANCE:** R. France International, 11860, date/time cd w/11 views of Paris in 46d air for 1 IRC (DOBBINS NC); 15210, f/d cd "Couleurs et Lumiere de France" in 43d air, no rp (BYCURA PA); 15300, f/d color pc of Paris street in 51d air, 2 IRCs (KELLER CA)

**GERMANY (Democratic Rep.):** RBI, 9600, f/d cd, no desc., in 53d air, no rp (HOWELL CA); 15145, f/d "The Decibel" cd in 72d sfc, no rp (BRODSKY NY); 17880, same cd in 73d air (SMITH FL); 21540, f/d cd w/red sketch of clock tower, 56d air, 1 IRC (DOBBINS NC), f/d cd "Kronentor--Dresden" in 2 mo, no rp (LOBDELL MA), f/d blue cd w/red clenched fist in 41d air, no rp (SMITH FL)

**GERMANY (Federal Rep.):** Deutsche Welle, 6100, no data circles cd in 62d for 2 IRCs (WORREL) 6145, date only cd "Fair girl with a doll" in 19d air (THOMPSON NM); 6185, no data multi-colored logo cd in 86d air (HOWELL CA), no fqy, same cd in 70d (ZAVATSKY CT) R. Free Europe, 21665, f/d blue/white/yellow map cd in 121d air, no rp (SMITH FL) Süddeutscher Rundfunk, 6030, date/fqy yellow logo cd in 80d air, no rp (HOFFMAN PA) Sudwestfunk, 7265, date/fqy black/white/gray abstract design cd in 19d air for 1 IRC (MELLINGER NJ)

**GREAT BRITAIN:** BBC, 15435, no data "London Bridge" cd in 35d air (BALDWIN NC) VOA Relay, 7200, f/d "3 scenes" (cable car, White House, Statue of Liberty) cd in 11d (SMITH FL)

**GREECE:** V. of Greece, 9760, f/d plain white cd in 28d air, 1 IRC (DE KOYER NJ); 11730, same in 19d, no rp (O'BRIEN BC); 15345, same in 19d air, 1 IRC (DOBBINS NC)

**HOLLAND:** R. Nederland, 9590, f/d antenna towers cd in 35d air (SCHANCER NY); 9715, f/d cd "Curtain antenna at Madagascar Relay" in 20d air (SMITH FL), f/d cd "Authentic Costumes--man and woman" in 15d air (SMITH FL), f/d cd "Authentic Costumes--Dutch girl" in 20d air, 1 IRC (STICKLE NY), f/d cd, no desc., in 10d (PROOM GB)

**HUNGARY:** R. Budapest, 6000, f/d cd w/line drawing of bridge in 40d air (PYNE MD), f/d cd w/purple/gold letters and the world from space in 101d sfc (DIEBOLD FL); 6105, f/d "Are you a member?" cd in 41d air (WORREL MD); 11910, f/d Earth from space cd in 41d air (FRASER MA); 21525, f/d black cd w/blue pix of Budapest and logo in 73d sfc, no rp (SMITH FL)

**ICELAND:** R. Reykjavik, 12175, f/d cd w/4 scenes in color in 75d sfc for 3 IRCs (MACRIS MO), same in 6 mo air for 1 IRC (BARFUNKL AUSTRIA)

**ITALY:** RAI, 6010, f/d cd "Ritratto di Bambino" in 74d sfc (DALUM IN); 9575, f/d "Il Pescatore" statue cd in 60d air (HAGWOOD TN), same in 90d air (FRASER MA), f/d cd "Vaprio Sull' Adda" in 62d sfc, 3 IRCs (GEORGE TX); 21690, "Ritratto di Bambino" cd in 122d sfc (SMITH FL)

**LUXEMBOURG:** R. Luxembourg, 6090, f/d antenna cd in 39d air, 1 IRC (MAYER CA), same in 47d sfc, 2 IRCs (LINK CA), same in 49d air, 2 IRCs (LEISTNER CA)

**MALTA:** Deutsche Welle Relay, 6100, no data circle cd, 1 IRC (MACRIS MO), date only cd "Italian Haven by Moonlight" in 26d (THOMPSON NM)

**MORACO:** TWR, 7105, f/d map cd w/xmtr sites in 31d air (BALDWIN NC), same in 44d, 1 IRC (BYCURA PA), same in 60d, 1 IRC (PROOM GB), same in 112d for MS (SCHANCER NY)

**NORWAY:** R. Norway, 9550, f/d cd "Frogneseteren, Oslo" in 31d air (PYNE MD), ski lodge in winter in 63d, no rp (HOWELL CA); 9645, same cd in 60d (HOOK FL); 15175, same in 122d air (BYCURA PA), "Frogneseteren" cd in 41d + pennant (FOWLER ONT), winter scene cd in 41d (KASPRZYK TX), picture pc in 53d (RUGGLEY IL), f/d cd "Ramsøya ved Skottevik" (fjiord) in 17d (MILLER CA); 21730, same cd in 19d, 1 IRC (FRASER MA), "Frogneseteren" cd in 60d (THOMPSON NM)

**POLAND:** Polskie R., 15120, f/d blue/white 1977 peace cd in 17dair (spec. del.), no rp (HEATH KY)

**PORTUGAL:** R. Portugal, 6025, f/d cd of women in native costume (at right) in 29d air (PROOM GB), same in 59d air (SMITH FL); 11935, same in 29d air (MILLER CA)

Adventist World R., 9670, f/d cd of cross and angels in 14d air, 1 IRC (STICKLE NY), f/d "Tongue of Fire" cd, 42d air (PYATT PA)



PORTUGAL (continued): IBRA R., 9670, f/d cd of Moscow church + pennant in 27d air, 1 IRC (STICKLE NY)

R. Free Europe, 15115, date/fqy map cd in 43d sfc, no rp (PYNE MD)

ROMANIA: R. Bucharest, 6150, f/d cd w/pix of peasant woman in robe in 56d air, no rp (ZAVATSKY CT); 9570, same in 96d air (MILLER CA), f/d cd of young girl of Bonat Region in 97d air (MILLER CA); 11940, f/d cd "Pedes Castle" + pennant in 15 wks (VOCKEROTH PA)

SPAIN: REE, 6065, 11880, f/d white form ltr in 24d air (SKORA ONT), same in 30d air (STONE ONT), same in 23d (MILLER CA), same in 37d (RUGGLEY IL), same in 60d (HAGEWOOD TN), f/d photo cd "La Isla Blanca" in 29d air (O'BRIEN BC), same in 32d (MILLER CA), same in 37d (THOMPSON NM), same in 31d (ASHABRANER AR)

SWEDEN: R. Sweden, 9590, 9625, 11705, 11855, 11905, 17790, 21555, f/d blue/yellow map cd in 14-41d air for no rp or 1 IRC (DOBBINS NC)(MOODY ITALY)(BARTUNEK AUSTRIA)(STONE) (SNYDER NY)(O'BRIEN BC)(ANGELONI NY)(MILLER CA)(GRENIER CA)

SWITZERLAND: RCBS, 7210, date/fqy globe/headphones cd in 36d air, 1 IRC (KASPRZYK TX), same in 72d air, 2 IRCs (FISHER RI) John's copy is below. bc



SBC, 9725, f/d cd of SBC buildings in 29d air, no rp (FRASER MA); 11710, f/d "picture pc" in 33d sfc, no rp (RUGGLEY IL)

USSR: (Ed. note: fqys are as received in both kHz and MHz; spellings have been adjusted to agree with "Guide to Soviet Broadcasting." Please do not indicate sites unless so designated on your QSL cd. Even these are suspect. For more accurate information refer to "USSR High Frequency Broadcast Newsletter.")

Azerbaijan SSR: R. Moscow, 2149 (Baku), f/d cd w/logo and birch trees in 31d air, no rp (DALUM IN)

Byelorussian SSR: R. Minsk, 7420, f/d cd of monument in Minsk in 91d air, no rp (HOFFMAN PA), f/d cd showing city of Minsk in 217d sfc for MS and RR rpt (PINEAULT QUE) R. Moscow, 9650 (Orsha), f/d CMEA Building cd, no time (VOCKEROTH PA)

Estonian SSR: R. Moscow, 17700, (Tallinn), f/d CMEA Building cd in 44d air, no rp (KUSALIK ONT)

Kirghiz SSR: R. Moscow, 11890, f/d CMEA cd w/site (what is site? bc) in 44d air, no rp (KUSALIK ONT)

Lithuanian SSR: R. Vilnius, 7215, f/d cd w/drawing of tree and birds in 73d air, no rp (ANGELONI NY), same in 94d (SMITH FL); 7360, same in 98d (DALUM IN); 15100, same in 130d sfc for 2 IRCs (KELLER CA)

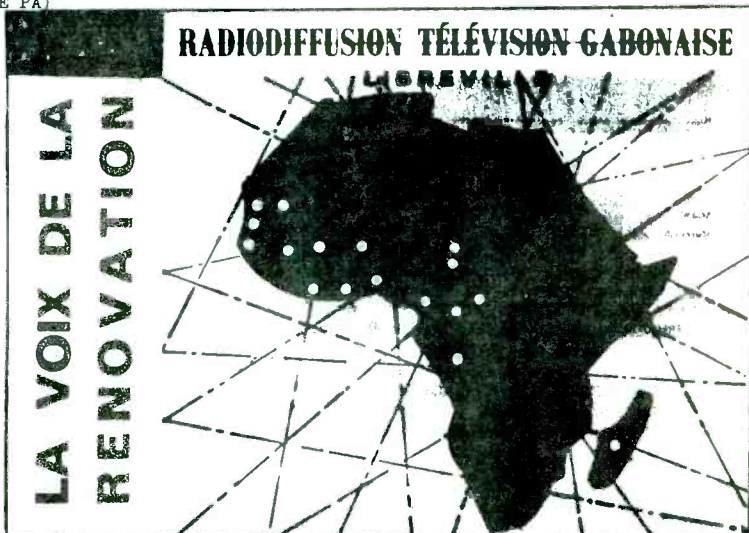
RSFSR: R. Moscow, 594, 710 (Moscow), 713 (Moscow), 7190 (Moscow), 7205 (Moscow), 736 (Moscow), 950 (Moscow), 9580 (Blagoveschensk), 9760 (Kenga), 9795 (Serpukhov), 11925 (Krasnoyarsk), 11940 (Krasnoyarsk), 15140 (Ryazan), 15150 (Omsk), 15185 (Serpukhov), 15200 (Kalach-na-Don), 15400 (Moscow), 17720, 17765 (Tula), 17860. F/d cds in 30-106d air, no rp. CMEA Building (KUSALIK ONT), 60th Anniversary (PRATH FL)(SMITH FL)(GRENIER CA)(DALUM IN)(MILLER CA)(HOFFMAN PA)(FOWLER ONT)(BRODSKY NY), Modern building and church (GARFIELD MA)(SMITH FL), Skyscraper (MILLER CA)(SMITH FL), Birch trees (FRASER MA)(SCHANGER NY), studio building (GRENIER CA), picture post card (RUGGLEY IL) R. Peace and Progress, 19 mb, f/d cd w/line drawing of Lenin Square in 32d sfc for 1 IRC (MOODY ITALY), no fqy, date/time cd w/drawing of river and birch trees in 22d air, no rp (DOBBINS NC)

Ukrainian SSR: R. Kiev, 7150, f/d cd "Institute of Scientific & Technical Information" in 51d air, no rp (FRASER MA), f/d orange/blue circles cd in 53d air (WORREL ND); 11790, f/d cd w/silhouette of the Kiev-Pechersk Lavra architectural monument in 60d air for

USSR (Ukrainian SSR continued): 1 IRC (STONE ONT); 15100, f/d cd "Building of the Ukrainian SSR Supreme Soviet" in 102d air (GARFIELD MA)  
 R. Moscow, 6170 (Lvov), 7.21 (Lvov), 17860 (Vinnitsa), f/d 60th anniversary cd in 63d air (SMITH FL), same (BRODSKY NY), winter scene w/birch trees, 56d (SMITH FL)  
 Uzbek SSR: R. Tashkent, 9540, f/d cd "Tashkent telecommunications center" + pennant in 44d air (BUHAGIAR ONT); 2600, f/d map cd in 45d air (BUHAGIAR ONT), f/d cd w/pix of radio station in 38d (LUSKIN MD), f/d cd w/hammer and sickle emblem held by two hands in 44d air (BUHAGIAR ONT)  
 R. Moscow, 15330 (Tashkent), f/d CMEA Building cd in 44d air (KUSALIK ONT)  
 VATICAN CITY STATE: Vatican R., 11845, f/d antenna farm cd in 19d air, no rp (STICKLE NY), f/d cd w/picture of garden, building and antenna in 45d air, no rp (STICKLE NY)  
 YUGOSLAVIA: R. Beograd, 9620, f/d cd w/picture of Budva city in 60d for 1 IRC (A. DIAMOND)  
 f/d folder cd w/pix of lake scene in 42d air, 1 IRC (PETERS KY); 15240, f/d folder cd in 30d air w/request for reports, 2 IRCs (LEISTNER CA)

Africa

ALGERIA: Rdif. TV Algerienne, 9685, date/fqy white cd w/AA & EE logo & stn emblem and veri info in blue, 122d air, no rp (send reports to Direction des Services Techniques) (DALUM IN)  
 BENIN (People's Rep.): LV de la Revolution Populaire, 4870, f/d cd w/five scenes in 46d air for MS (2nd rep) (DALUM IN)  
 EGYPT: R. Cairo, 6230, f/d cd, 1st serial--4th scene (street scene w/man on camel) in 90d air, 1 IRC (STONE ONT); 9475, same cd in 86d air, 1 IRC, v/s "Rita" (MILLER CA), same cd in 99d air, 1 IRC (THOMPSON NM)  
 GABON (Republic): Rdif. TV Gabonaise, 4777, f/d map cd (below) and FF ltr in 300d sfc, no rp (CASE PA)



GHANA: GBC, 4915, f/d plain white cd w/red/yellow/green border in 80d air, no rp (SMITH); 6130, same cd w/date and fqy in 30d air, no rp (LUSKIN MD)  
 GUINEA-BISSAU (Rep.): Rdif. Nacional, 5041, date/fqy green logo cd in 30d air for 1 IRC, PP rpt, v/s Viruco de Monn (RADTKE CA); 7180, same cd in 108d sfc, no rp (FOWLER ONT)  
 MALAGASY (Dem. Rep.): R. Nederland Relay, 11730, f/d cd w/9 color scenes of Holland in 65d air, no rp, site on cd (HOOK FL)  
 MOROCCO: VOA Relay, 7220, cd "4 seasons in the USA" in 19d air (LINK CA)  
 NIGERIA: NBC (Enugu), 6025, EE ltr w/fqy in 6 wks air for tape recording and 2 IRCs, v/s N. Mesigo, Engineer in Charge (LOBDELL MA), date/fqy ltr in 43d sfc for 1 IRC, same v/s (MELLINGER NJ)  
 NBC (Maiduguri), 6100, f/d form ltr w/site and stn details in 4 mo air, 2 IRCs (KUSALIK)  
 NBC (Ilorin), 7145, f/d form ltr w/site and details from NBC HQ, 4 mo air (after f/up) 2 IRCs (KUSALIK ONT)  
 V. of Nigeria, 7275, f/d green/white logo cd in 46d air for 3 IRCs (KELLER CA); 15120, same cd in 46d air, no rp (SMITH FL)  
 RHODESIA: RBC, 3396, f/d very large cd w/map of southern Africa, 33d air for 3 IRCs (returned) (KELLER CA)  
 SENEGAL: Rdif. du Senegal, 4890, date/time cd w/black/white pix of native stringed instrument, in 78d air for 1 IRC, tri-lingual report form (HEATH KY)

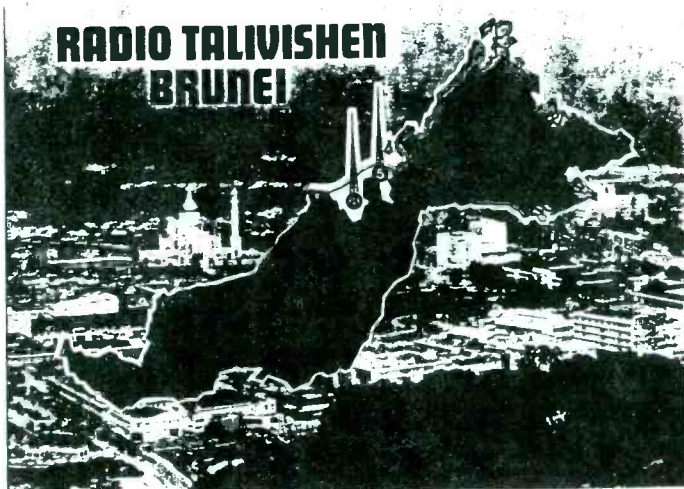
.....He who talks like a big wheel may be only a spokesman.....



SEYCHELLES: FEBA, 11865, no data yellow map cd in 120d sfc, no rp (LEONARD FL)  
 SIERRA LEONE: SLBS, 3316, f/d aerogram ltr in 49d air for 1 IRC (HEATH KY), same in 78d air for 1 IRC (KENNEDY FL)  
 SOUTH AFRICA: RSA, 4990, 9585, 9650, 11800, 15155, 15220. F/d cds in 14-35d air for no rp. SABC radio and TV center (GRENIER CA), "Lights of Rissick St. and Park Station" (LOBDELL MA), aerial view of Johannesburg (SMITH FL), "Statuesque Stripes" (PROOM GB), "Johannesburg from Auckland Park" (MILLER CA), "Malachite Kingfisher" (MILLER CA) (HEATH KY)  
 SABC, 4810, f/d "Industries" cd in 29d air, 3 IRCs (KELLER CA), same cd + pennant in 30d air, 1 IRC (STONE ONT), f/d cd, no desc., + pennant in 37d air, no rp (MELLINGER NJ)  
 TANZANIA: R. Tanzania, 15435, date/fqy "Sauti ya Tanzania" cd in 42d air, 2 IRCs (MAYER CA), no fqy, f/d yellow and pink cd showing broadcasting house in 387d, 3 IRCs (PINEAULT QUE)  
 UPPER VOLTA: Rdif. TV Voltaique, 4815, date only FF ltr memo confirming rpt in 59d air, MS, and EE/FF rpt (PETERS KY)

Asia

BRUNEI: R. Brunei, 7215, date/fqy green island map superimposed over black/white pix of Bandar Seri Begawan (below) in 26d air for 3 IRCs (DONLY SC)



CHINA (People's Rep.): R. Peking, 7120, 9780, 11945, 15060, 15270. Date/fqy cds in 15-30 days, no rp. "Peonies" (LUSKIN MD), "Yao Mountains" (VOCKEROTH PA), "After the Performance" (SKORA ONT), steel foundry (HEATH KY), girl holding toy giraffe (GARFIELD MA), "Happiness Canal" (SMITH FL), logging train (STONE ONT)  
 CYPRUS: CBC, 6150, f/d cd w/montage of Cyprus sites in 53d air, 1 IRC (HEATH KY), same in 60d air, 1 IRC (SULAK PA), same in 96d air for MS (SKORA ONT)  
 INDIA: AIR, 9525, f/d cd of two Indian temples in 422d air, 3 IRCs (SOMERS CA); 9912, f/d cd of tomb in New Delhi, no time, 1 IRC (SULAK PA); 11620, f/d cd "Peacock in Mosaic" in 8 mo air, 1 IRC (BRODSKY NY); 11725, date only Taj Mahal cd in 25d air, no rp (MILLER)  
 INDONESIA: RRI Fak-Fak, 4790, date/fqy veri statement ltr in 35d air for MS, II rpt, v/s Suwardi, BA (KUSALIK ONT)  
 VOI, 11790, date/fqy cd "Cikar" in 85d air, 1 IRC (FOWLER ONT), f/d cd, no desc., in 226d air for 2 IRC (PINEAULT QUE)  
 IRAN: V. of Iran, 9022, f/d cd "Zahedan Television" building and tower in 45d air, no rp (LEONARD FL), f/d cd "Rezaiyeh Television" in 48d air, 1 IRC (DOBBINS NC), f/d cd of "TV station" in 91d air, no rp (BALDWIN NC); 15084, same in 25d air, 2 IRCs (KELLER CA), f/d picture postcard in 28d air, no rp (RUGGLEY IL)  
 IRAQ: R. Baghdad, 9745, f/d map cd w/pix of ruins of Hatra (300 A.B.) in 56d air, no rp (SMITH FL), f/d map cd w/"The Golden Shrines of the Two Imams" in 48d air for 1 IRC (returned) (DALUM IN), same in 81d air (SMITH FL); 11905, same cd in 89d air, no rp (MAYER CA), f/d map cd in 55d air, 3 IRCs (LEISTNER CA), same in 72d sfc, 1 IRC (O'BRIEN) same in 80d sfc, no rp (HAGEWOOD TN), same in 90d sfc for 2 IRCs (HOWELL CA), same in 90d air + paper pennant for 2 IRCs (GRENIER CA), same in 93d sfc for 2 IRCs (SOMERS CA); 11925, f/d map cd and picture of tomb of the unknown soldier in 47d air for 2 IRCs (WORREL ND)  
 ISRAEL: IBA, 7412, f/d cd w/detail of Western Wall in 63d air, no rp (STICKLE NY), same cd in 60d air (RUGGLEY IL); 11655, f/d cd, no desc., 35d for MS (SCHANCER NY); 11960, f/d 30th anniversary cd in 17d air, no rp, Hebrew rpt (McCURDY CA)

JAPAN: R. Japan, 5990, 15105, 15270, 17795. Date/fqy cds in 11-19d air, no rp. "Pagoda and Sarusawa Lake" (HEATH KY)(McCURDY CA)(PROOM GB)(CLEVELAND CA)(GARFIELD MA)(FOWLER)(THOMPSON NM)

KOREA (Dem. People's Rep.): R. Pyongyang 9277, f/d cd w/scene from Korean Opera in 101d sfc, + flag and pin (SNELLMAN PA), same in 4 mo + pin and pennant (HOWARD CA), f/d pc in 3 1/2 mo after f/up (LOBDELL MA)

KOREA (Republic): R. Korea, 9220, f/d cd "Korea Traditional Music Orchestra" in 29d air + pennant, 2 IRCs (THOMPSON CA); 11860, f/d flower cd + pennant in 32d air, no rp (BARTUNEK AUSTRIA)

KUWAIT: R. Kuwait, 12085, f/d folder cd in 60d air, no rp (LEONARD FL), same in 65d air, 1 IRC (SULAK PA)

LAOS: Nat'l R. of Laos, 4700, date only personal ltr in EE, in 42d air for 2 IRCs (HOWELL CA)

MALAYSIA: R. Malaysia Kuala Lumpur, 9665, f/d green map cd w/antenna in 26d air for 2 IRCs (LINK CA)  
R. Malaysia Sarawak, 4950, f/d cd w/pix of broadcasting house in 20d, air for 1 IRC (FORSMAN CA)

PAKISTAN: R. Pakistan, 11675, 15115, 15520, 17665, 17830. Date only cd "Main Gate, Royal Fort, Lahore" in 20d air, no rp (SULAK PA), same in 29d for 1 IRC (HEATH KY), same in 26d for 1 IRC (THOMPSON NM), "Minar-i-Pakistan, Lahore (monument and garden) in 41d air, 2 IRCs (DALUM IN), f/d cd of fountain in park in 46d sfc for 3 IRCs (KELLER CA)

PHILIPPINES: FEBC, 11850, f/d logo map cd in 27d air, 3 IRCs (MILLER CA)  
R. Veritas, 9530, f/d cd "Lilies on a pond" in 17d air, no rp (MILLER CA); 9590, same cds in 18 and 19d air (MILLER CA); 11955, same cd in 20d air, 1 IRC (SULAK PA), f/d cd of dancing group in folk costume, 32d air, 2 IRCs (PINEAULT QUE)  
VOA Relay, 6010, f/d "4 seasons" cd in 14d (MILLER CA)

SAUDI ARABIA: BSKSA, 11800, no data registered form ltr in 66d air, no rp (HOWELL CA); 11855, f/d white cd in 83d for 1 IRC (SULAK PA)

SINGAPORE: R. Singapore, 11940, f/d cd "Singapore by Night" in 27d air, 1 IRC (COLLINS OR) same in 28d for 1 IRC (O'BRIEN BC), same in 90d sfc, no rp (RADTKE CA)

SRI LANKA: AWR-Asia, 11835, f/d special QSL cd #176 "First QSL 11835 kHz in USA" + ltr and sked in 15d for 2 IRCs (LOBDELL MA)  
SLEBC, 11835, f/d cd w/picture of woman's face in 90d air, 1 IRC (SULAK PA); 15425, same cd in 20d air, no rp (IUSKIN MD), f/d cd of native girl in jewelry in 74d air for 1 IRC (FISHER RI); 17850, same cd in 45d air, 3 IRCs (this after 2 yrs of reports) (DONLY SC)  
VOA Relay, 15185, f/d picture pc in 10d (RUGGLEY IL)

SYRIA: R. Damascus, 9655, f/d globe cd in 104d air, 1 IRC (HAGEN IL)

TURKEY: V. of Turkey, pc and pennant, no desc., in 37d, no rp (RUGGLEY IL)

VIETNAM (Socialist Dem. Rep.): f/d cd, no desc., in 149d, no rp for cassette tape (PINEAULT QUE)

#### Oceania

AUSTRALIA: ABC Perth, 9610, f/d map cd in 92d sfc for 4 IRCs (GEORGE TX)

R. Australia, 9570, 9580, 9270, 11705, 11790, 11900, 15410, 17725, 17795, 17870. F/d cds in 90-126d sfc for no rp, 14-95d air for 1 IRC, 106d sfc for 2 IRCs, 22d air for MS. Kangeroos (LOBDELL MA)(PRATH FL), Common Fringe Lily (GARFIELD MA)(MILLER CA), Sydney Opera House (THOMPSON NM)(PROOM GB), Scarlet-crested Parakeet (VOCKEROTH PA)(MILLER CA) White Flowering Mallee Gum (GARFIELD MA)(MILLER CA), Pink Rose Cone (SMITH FL)(BRODSKY)(SCHANCKER NY)(STICKLE NY), Blue Wren (PRATH FL), Lorikeets (GARFIELD MA)(MILLER CA)(SMITH FL)(STICKLE NY)

COOK ISLANDS: R. Cook Islands, 5045, f/d conch-shell horn cd in 38d air for MS (KLONTZ CA) 51d for 3 IRCs (HOWARD CA), 65d for 2 IRCs (MAYER CA), 65d for 4 IRCs (LINK CA), 69d for 4 IRCs (LEISTNER CA) (See copy in October, 1977 column. bc)

...One robin doesn't make a spring, but one lark is often responsible for a fall...

**RADIO BAGHDAD**  
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**RADIO BAGHDAD** Transmits 70 Hours Daily in 11 Languages:  
Arabic, English, French, German, Hebrew, Kurdish, Persian, Russian, Turkish, Turcoman, and Urdu.

GUAM: TWR, 2640, f/d Bible verse cd, no time, sfc mail for SASE (SULAK PA)  
NEW ZEALAND: R. New Zealand, 11780, 11850, 15130, 15380. f/d cds in 20d air to 170d sfc  
for no rp to 4 IRCs. Fishing scene (HOFFMAN PA), pasture and mountain (HAGEN IL), Tiki  
arch (THOMPSON CA), soccer players (KASPRZYK TX), group and native statue (GEORGE TX),  
"picture postcard" (RUGGLEY IL)  
PAPUA NEW GUINEA: R. West New Britain, 2340, veri statement ltr in 36d for MS (KUSALIK)  
R. Milne Bay, 3360, f/d map cd in 119d sfc for MS (HOFFMAN PA)  
R. East New Britain, 3385, f/d map cd + pennant in 20d for 2 IRCs (LOBDELL MA)

#### South America

BRAZIL: R. Cultura Araraquara, 3365, date only ltr in 31d air for 1 IRC, PP rpt (PINEAULT)  
R. Cultura do Para, 5045, f/d pc w/pix of native girl, 6 wks air, no rp (HOWARD CA)  
R. Nacional, 11780, f/d plain white cd in 31d sfc, no rp (LINK CA)  
COLOMBIA: Emisora Kennedy, 4755, personal ltr in 16d air for MS, SS rpt (LAZARUS IA)  
R. Santa Fe, 4965, no data cd of girl picking coffee beans, 210d sfc for 1 IRC,  
(MELLINGER NJ), same in 286d sfc for MS and SS rpt (HOFFMAN PA)  
ECUADOR: HCJB, 6130, 9560, 9745, 11745, 11915, 15115, 15160, 15300, 17780. F/d cds in  
17-112d for no rp, 112 d for 2 IRCs, 23-28d for MS. Enchanting Ecuadorian Coast (PROOM)  
(MILLER CA) (SMITH FL) (DIEBOLD FL) (FRASER MA) (SCHANCER NY) (SKORA ENT), Bread dough llama  
(DIEBOLD FL), Bread dough clown (FOWLER ONT), 10-channel control board (THOMPSON NM),  
green studio cd (STICKLE NY), Mountain scenes (LINK CA), Western Plains coffee harvest  
(MILLER CA) (STICKLE NY), Ham radio in shell (STICKLE NY), DX Party Line (VOCKEROTH PA),  
Transmitters (VOCKEROTH PA), Bird (VOCKEROTH PA), Antennas (VOCKEROTH PA), Llama (VOCKER-  
OTH PA), Pretuned radios (STICKLE NY), #4 Echoes Series (VOCKEROTH PA),  
URUGUAY: R. El Espectador, 11835, f/d logo cd in 90d air for MS, SS rpt (PYATT PA)  
VENEZUELA: LV de El Tigre, 3255, date/fqy ltr + pennant in 7 mo air for MS, SS rpt and  
f/up (PYATT PA)  
R. Bolivar, 4770, date/fqy ltr in 37d air for 1 IRC, SS rpt (DEL RIO CA)  
R. Lara, 4800, date/fqy network globe cd in 50d sfc, 1 IRC, SS rpt (HAGEN IL)  
R. Juventud, 4900, date/fqy dancing teenagers cd in 42d air, MS, SS rpt (PYATT PA)  
R. Rumbos, 4970, f/d cd showing Caracas in 5 mo air (BARTUNEK AUSTRIA)  
Ecos del Torbes, 4980, no data form ltr in 120d air for MS (SKORA ONT)

#### North America

ANTIGUA: BBC Relay, 6175, no data bridge cd in 54d air, no rp (DALUM IN)  
Deutsche Welle Relay, 5960, no data logo cd in 41d air, 1 IRC (McCURDY CA); 9545, date  
only cd w/painting of sailing vessels at anchor in 19d air, no rp (THOMPSON NM)  
BELIZE: R. Belize, 3285, date/fqy map cd in 73d air, 1 IRC (MAYER CA), same in 13d for  
1 IRC (SULAK PA)  
COSTA RICA: R. Casino, 5974, plain date/fqy veri statement cd in 40d air for MS, SS rpt  
(also sent pennant) (HOFFMAN PA), f/d white cd w/EE/SS veri statement + pennant in 11 mo  
air for ? IRCs, SS rpt, date/fqy green cd + pennant in 371d sfc, 2 IRCs (GRENIER CA)  
CUBA: R. Habana, 9685, f/d cd + pin in 95d air for MS (SCHANCER NY)  
DOMINICAN REPUBLIC: R. Clarin, 11700, f/d world map cd (king size!) in 360d air for 1 IRC  
(THOMPSON CA), same in 6 mo air, no rp (RADTKE CA), folder map cd in 311d sfc for MS, SS  
rpt (HOFFMAN PA), same in 176d air for 1 IRC (DOBBINS NC), f/d folder in 400d sfc, no  
rp (SULAK PA)  
GRENADA: R. Grenada, 15105, f/d schedule cd variously described as buff, tan, lt. brown,  
etc in 80-160d sfc for no rp or 1 IRC (HOWELL CA) (HAGEN IL) (DOBBINS NC) (MELLINGER NJ)  
(PETERS KY) (HOOK FL)  
GUATEMALA: R. Cultural, 3300, f/d Bible verse cd in 28d air, 1 IRC (SULAK PA)  
HONDURAS: LV Evangelica, 4820, date/fqy red/white/blue map cd in 125d sfc, no rp  
(LEONARD FL), same cd in 206d sfc for 2 IRCs (BALDWIN NC)  
MEXICO: R. Huayacocotla, 2390, fqy only personal ltr describing equipment and stn history  
in 32d air for 2 IRCs, SS rpt, v/s Jorge V. Villalobos Grzybowicz (DALUM IN)  
NETHERLANDS ANTILLES: R. Nederland, 6165, 9590, 21640. DX Program producers (HOGAN NC),  
authentic costumes (McCURDY CA), ditto--old man w/pipe (SMITH FL), ditto--2 children  
(SMITH FL)  
TWR, 11815, 11925, f/d world map cd in 3 wks (VOCKEROTH PA), same in 31d (BUHAGIAR ONT),  
TWR building (STICKLE NY)

+ USA reports from (SNYDER) (RUGGLEY) (HOOK) (HEATH) (BYCUNA) (STICKLE) (LEONARD) (FISHER)  
(SMITH) (MELLINGER) (CARNS) (BARTUNEK) (HOGAN) (PROOM) and Canadian reports from (PRATH)  
(FRASER) (DALUM) (BUHAGIAR) (BAUM) (STICKLE) (DONLY) (COLLINS) (MILLER) (LINK)

#### Clandestine

R., Euzkadi, 12080, personal ltr from Paris on "Gouvernement d'Euzkadi" stationary in 25 mo,  
6 wks after 5th f/up and 1 yr after visit to Basque Government office in Paris. Rcvd  
by air, 2 IRCs, SS rpt. (LAZARUS IA)  
V. of the Voyager, 5850, f/d cd w/stn logo, handwritten & printed in 12d sfc after phone  
call to number given on air; mailed from Detroit (STICKLE NY)  
Looks like that's it for another month. C U in 30. B://

6/15/78

# Tips and Topics

The Feature Section of SPEEDX

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

TWR AND RADIO NEDERLAND-BONAIRE

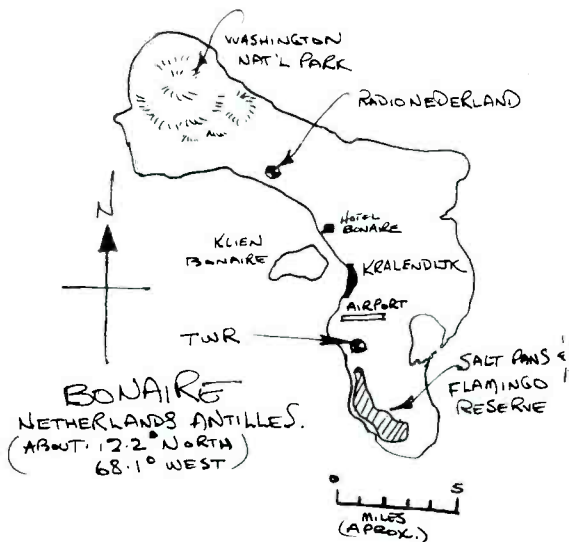
by E.V. Sandy Blaize

On a recent trip to Bonaire, Netherlands Antilles, on business, I managed to take a little side trip, which I thought might be worth sharing with the readers of this shortwave bulletin. That was my brief visit to the transmitting sites of Trans World Radio and Radio Nederland.

Bonaire is one of three islands that make up what is known as the "ABC" Antilles. The letters standing for: Aruba, Bonaire and Curacao. All the islands in this group lie off the coast of Venezuela. Bonaire itself is about 150 miles Northwest of Caracas, and about 40 miles east of Curacao. The "ABC" group being only three of several Dutch Antillean Islands. Bonaire is also the westernmost of the "ABC" group. The island is most famous to tourists as a place to go scuba diving. Some of the people I casually met say it is probably the finest place to go diving in all of the Caribbean. The reason for this is that the reefs are the island itself. One has only to go a few yards from shore and you are in the reefs and deeper water! Thus you don't have to be bothered with hiring boats, etc., for a decent dive. It is claimed that the beginner can see sights reserved for seasoned divers elsewhere. Unfortunately, time did not allow me to go diving. Another attraction for the tourist is the salt flats or "pans" as they are called there. Here a large colony of flamingoes nests and can sometimes be seen certain times of the year. You might have heard Tom Meyer of the "Happy Station" show mention Bonaire as the "Island of the flamingoes." I'm afraid I didn't get to see any, though.

I stayed at Hotel Bonaire which is a little north of Kralendijk (literally translated: coral dike or reef), which is the only town of any size on this 120 square mile island. Directly across the road was Trans World Radio's BIG sprawling building, which is the studio and office complex. A little further south towards town is the small Radio Nederland Wereldomroep building. This houses an office complex and three small studios. The studios contain only reel to reel commercial tape equipment for playback of the pre-recorded program of the Bonaire relay site. Two RACAL digital receivers are used for the Kootwijk, Holland feeder transmitter reception. These tape the news broadcasts that are transmitted everyday before the regular program tapes like: "His and Hers", "DX Jukebox" etc. Program material is fed via landline to the transmitter site on the northwest end of the island. Radio Nederland and TWR have separate sites on opposite ends of the island, but RN uses TWR's 800 kHz transmitter for their MW broadcast. This to end on January 1, 1978. Behind the RN office in the distance can be seen the rhombic receiving antennas for the feeder from Holland.

The first site visited was that of Trans World Radio past Kralendijk to the South and past the airport. Driving there one can see the big towers that are used on 800 kHz in the distance. As you near the area, you can see the two big curtain arrays and the corner reflector antennas for each band. I met Don Bean, the Chief Engineer and Chuck Roswell, Engineer, both were very friendly and were glad to have a DX'er to show the site. Chuck took me through the big Continental 250 KW shortwave transmitter first. Yes, I said through! One can walk into small "rooms" which comprise the different sections of the transmitter, and stand next to the matching networks, and tank circuits for the various frequencies. For those of you who are technically inclined, the final stage uses three big "triode" tubes, which of course require more driving power than those that use "tetrode" or "pentode" types, hence the transmitter will of necessity be



larger. By the way, don't worry about me walking in the transmitter! It was shut down at the time! Chuck left me with Don and he then took me with Don and the "little" 50 KW SW transmitter. This was really anti-climax after the one I just saw, but the best was yet to come. Next was the GIANT of the western hemisphere: the BIG Continental 800 kHz medium wave transmitter. This is very impressive. If 500,000 watts doesn't phase you, these statistics will. There are SIX BIG triode tubes in the final amplifier. It takes 40 KW of power just to light up the heaters in the tubes!!! It takes 50 KW (The power of the big clear channel transmitters here on MW) just to drive the final amplifier. Plate input power is about

750 KW to get 500 KW output!!! Would you believe this beast is powered by a 1,600,000 watt or 1,600 KW generator driven by what looks like a ship's diesel engine!!! Again for the technically inclined, the final amp. is what is called a "Dougherty Amplifier."

We went into other parts of the building to see the water circulation and cooling gear that keeps the monster transmitters cool, then to the building where the two 1,600 KW generators are kept. Next out to the antennas. Beam switching is done by manual switches that are actuated by a "hot stick" like the power lineman use. Most of the gear at TWR is early 1960's vintage. The curtain arrays are supported by straight (untapered) guyed towers, much the same as you find at broadcast stations here. The 800 kHz array uses about 700 foot towers, five of which are used to give various directional patterns depending on how they are hooked up or "phased".

Don says the best time to listen to 800 kHz here in the US is from 0230-0500 GMT. We exchanged goodbyes and I left to go back to Kralendijk and to the North of the island.

Winding through the narrow road leading to the north one can see piles of coral everywhere and several varieties of cactus profusely dotting the countryside. You dodge the hundreds of small lizards that claim the roadway and watch them really run at an amazing speed as you get close to them. In the trees you can hear the parakeets chirping to each other as you drive. Soon I was greeted by a sign on a gate leading to the main transmitter building of Radio Nederland. I met Mr. Arcario Eyebrect, Head Technician, who gave me the "50% tour" of the RN complex. They have two 300 KW Phillips transmitters of much later design than those at TWR, that use "tetrode tubes". Although they run more power, they were smaller than TWR's 250 KW rig. Like the TWR transmitters these are "vapor cooled" and require water circulation and cooling apparatus for each transmitter. RN has a complex of 14 towers that support various curtains. The towers here are the tapered or "self-supporting" type. "Beam" switching is accomplished by simply pushing a button on a big control panel in contrast to the simpler method used by TWR. Power for this complex is supplied by six large diesel generators. The number in use depending on power demand etc.

I was about to leave when Leo Krabbendam, Chief Engineer drove up. He kindly invited me into his office where we talked shop about the installation there, and about world politics!!! Leo said that the satellite relay scheme might go into effect this year, but he had serious doubts that things would be ready until at least June of 1978. Unfortunately, time

was running short, and I had to depart for the hotel.

That night, I again listened to the TWR 800 kHz transmitter and was amazed at how "clean" the signal was. The second harmonic was there with a fair signal but not at all strong for being so close. The third harmonic was a little stronger but not objectionable. You could have heard the fundamental on 800 with the radio in a double copper box buried underground!

By the way, the SSB feeders in use now for Bonaire are:

13806 kHz	1515-2020 GMT
10735.5	1825-2120
7742.5	2020-0815

Generally speaking, the day's tour was well worth while, and the transmitter hands friendly at both places. If you are ever fortunate or rich enough to visit Bonaire, don't hesitate to see these SW broadcast facilities. I hope it will be worth your while too. Don't do like I did though. Bring a camera with a working flash attachment, and get some pictures of the transmitters!

I wish to thank Mr. Oswin Elenora, of Radio Holland-Caribbean N.V., for helping to make these visits possible.

|||||  
TRIALS, TRIBULATIONS AND AN ELUSIVE QSL

by Edward J. Insinger

The evening of March 29, 1971 was a good one for DXing. At 0145 GMT, I was tuned to Radio Australia on 15320 kHz. The prospect of good DX tempted me to continue my station searching. I moved up to 15380 kHz at 0210 GMT and heard a voice say: "This is Radio Pakistan broadcasting on the morning of Tuesday. . ." I listened ever more carefully, for this was the first time I had logged Pakistan, and was prepared to make every effort to copy down all the details I could. Then I would be able to forward a reception report and request for a QSL.

Logging Pakistan on March 29, 1971 was exciting. Five days earlier, the President of Pakistan ordered the national army to enter Bangladesh and proceed to crush the separatist movement of the Bengali forces. The situation was reported in detail over Radio Pakistan. It was interesting to receive a news update from the country entangled in the essence of the news being reported and discussed.

By 0220 GMT, I had sufficient details to warrant a complete reception report. The next day, I mailed my letter to Radio Pakistan, Broadcast House, Karachi, along with two 15 cent International Reply Coupons.

The mail came on April 25, with no response from Pakistan yet. I realized it would take time. At 1520 GMT, I tuned to 17.910 MHz and found a news report in progress. At 1525 GMT, a male announcer said: "You are tuned to Radio Pakistan." I listened carefully and decided to copy some details for a follow-up report. By 1547 GMT, reception had deteriorated, but I had enough information to forward a second letter to Radio Pakistan. My address was the same as the first, with one addition: "WEST" was written before Pakistan. I mailed my report the same day, again enclosing two IRC's. Now the possibility of receiving two QSL's was real - even though one would be sufficient to please me.

1972 brought a brand new year of DXing, but January came and went without a response from Pakistan. On February 3, 1972 my morning DX included news about Gunnar Jarring, Egyptian President Anwar Sadat, the Paris Peace Talks, and the Eleventh Winter Olympics. A female announcer ended the news with an identification for Radio Pakistan, which I carefully recorded in my log book under 1310 GMT on 11705 kHz. Thus my third attempt to secure a QSL card was under way. I had received a tip previous to this logging that I might try this address, which I did: Radio Pakistan, 81-A Satellite Town, Rawalpindi, West Pakistan. I certainly felt it was worth a try - enough

to cause me to enclose three IRC's. Perhaps this would prove successful. I felt hopeful, reasoning that my first two letters may have gone astray in Karachi, while the QSL's were anxiously awaiting me in Rawalpindi. Why not? Only one thing still left me uneasy: veteran ace DX'er Al Niblack advised me that Pakistan was an erratic QSL'er and responses were few and far between. I felt a little uncertain.

My concerns proved more correct as time passed. The spring brought beautiful flowers and budding trees, but no QSL from Pakistan. Still, I felt compelled to continue my search. Too many hours had already been spent on Pakistan to simply give up my attempts. I plodded onward.

The afternoon of June 18, 1972 brought with it good signals from the near east region. At 2000 GMT, I tuned in to 11885 kHz for news and commentary from Pakistan. By this time I was well enough acquainted with Radio Pakistan to begin listening to program content. The news was followed by an interesting commentary dealing with the developmental planning of Pakistan, in terms of this underdeveloped country's land and its people. There was hope of extremes, from economic prosperity to the banishment of widespread poverty. (The entire undertaking was termed a "project.") My interest was further aroused at 2010 GMT, when mention of United States listeners was heard! Hope had sprung eternal and I was eager to again send them a detailed reception report. In order to enhance my report, I tuned in again the next day at 1957 GMT, to catch their unusual interval signal. I was careful to observe reception conditions, with special attention given to existing QRM, the degree of fading and how this affected overall signal quality. The ensuing reception report was complete in every way, with the addition of four US Peace Corps mint stamps and three more IRC's. I again chose the Rawalpindi address for the front of the red, white and blue bordered air mail envelope.

1972 did not pass without my sending one more reception report, from a transmission heard on October 26, at 1330 GMT, way up in the 13 meter band. This program was part of the General Overseas Service beamed to the Middle East in slow speed English. The channel was interference-free, providing good reception conditions on my SX-100 receiver. The signal disappeared at 1345, following the news. I decided to again try mint Pakistan stamps affixed to a SASE, but did not include any other enclosures. My records do not list an address used for this report. The remainder of 1972 passed without a word from Pakistan.

On June 7, 1973, I returned to the bands with yet another reception report in mind. I decided to continue my seemingly endless plight for a response from Radio Pakistan. This time the frequency was 11672 kHz at 2000 GMT. Whatever displeasure I may have felt from their lack of response was at least temporarily overcome by very beautiful and exotic music, aired at 2013 GMT. A combination of instruments and vocals like nothing ever heard before, or perhaps again, filled the airwaves. It was also a reminder to me that music knows no boundaries or particular races; it can please the least, the most and everyone else in between. (I was careful to mention the musical program in my report, and my commentary reached well beyond the immediate hopes of such small things as QSL's.) I addressed my letter to Chief Engineer S.A. Azia at the previously mentioned Rawalpindi location, along with a SASE having mint Pakistani stamps affixed to the upper right hand corner. I also enclosed a block of National Parks Centennial commemoratives totalling an unusual 8 cents, depicting the Cape Hatteras National Seashore. At the same time, I also decided to enlist the help of the Embassy of Pakistan in Washington DC. So I sent them a zerox copy of the above mentioned report, explaining the difficulty I was having obtaining a response from Radio Pakistan.

On July 19, 1973, I received a letter from Miss Nasra Hassan, Assistant Information Officer of the Embassy, stating that it was indeed unfortunate that I had not received any responses from Radio Pakistan. Miss Nassan promised to write to the Director General of the Pakistan Broadcasting Corporation and let me know of her findings. Unfortunately, I never heard from the Embassy or Miss Hassan again. However, my letter to the Embassy brought a monthly newsletter entitled Pakistan affairs. Once again, my efforts proved fruitless.

The years of 1974, 1975 and 1976 were quiet ones for me DX-wise, and without a QSL card from Pakistan mailbox-wise.

Reactivated like an old frequency or country, I logged Pakistan once again on the morning of November 12, 1977 on 15520 khz, in Urdu to the Middle East. A clear ID at 1330 led me to copy some details from a language I did not understand. Words and sounds seemed very strange and most unusual. I listened intently, picking out voices and music and words in the news. By 1400 GMT, I had a brief outline of details, along with an urge to try a report once again. Larry Magne provided me with the name of a person in the Engineering Department to whom I could forward my report, Mr. N. Sarwar Shaikh. As per the 1977 WRH, I addressed it to P.O. Box 443, Karachi, Pakistan, enclosing two IRC's.

A breakthrough occurred suddenly and unexpectedly on April 8, 1978, seven years since my first logging of Pakistan! Peeking inside my brass colored mailbox, I could faintly see the edge of a postcard. I opened the lock and removed the postcard, face side up, which revealed a color photograph of an unfamiliar looking stone fortress. I was puzzled by the scene. Upon turning the card over, my eyes immediately caught glimpse of the words Pakistan Broadcasting Corporation, printed in the upper left hand corner. Below this read the following: "Thank you for listening to our Service. We confirm your report as correct." The date listed was incorrect and no frequency was given for my reception confirmation. I was happy to have received a response, despite the scarcity and quality of information provided. Now, at last, I was able to speak of a QSL card from Pakistan. I could also place an overdue check-mark next to Pakistan on my country list.

Now I have a letter to write, for which I expect to receive no report nor response. This time, I will not report reception or request a QSL. My only intention is to thank the Pakistan Broadcasting Corporation for their response. Perhaps some day I will write again. There remains the possibility of securing a full data verification, which seems to be an achievable goal. It has been said that the first time around is the hardest.

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STATION PENNANTS . . .by Clarence E. Maise, Jr. . .Here is a list of some stations that send pennants to their listeners. There may be more, but these are the only ones I know of. Happy Hunting!!!

Radio France International	Radio Bucharest Romania
Radio Peking	RNE Spain
Radio Budapest	BBC United Kingdom
The Voice of Turkey	Radio Moscow
HCJB Quito Ecuador	Radio Kiev
Radio Sweden	Radio Riga
ORU Belgium	Radio Tashkent
Radio Sofia Bulgaria	Radio Yugoslavia
Radio Prague Czechoslovakia	ABC Australia
Radio Finland	Radio New Zealand
Radio Norway	Radio Afghanistan
Deutsche Welle West Germany	RRI Indonesia
Voice of Greece	Voice of Iran
Radio Berlin International	Israel Radio
RAI Italy	Radio Japan NHK
Radio Nederland	Radio Kuwait
Radio Warsaw Poland	Radio Korea
Radio Portugal	Radio Baghdad
Radio Canada International	KGEI, United States

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LETTERS TO PRAGUE . . .The postman brings hundreds of letters from abroad every day, thousands every month and about 140 thousand every year to No. 12, Vinohrady Street which is very near Wenceslas Square, the traditional center of the capital city of Czechoslovakia, Prague. These letters bear postmarks from Montevideo, Tokyo, Latakia in Syria and Bombay in India, from Accra and Havana, Paris, Kijon, London, Madrid, Barcelona, Hamburg, Munich, Bonn, Lisbon and Vienna. Radio Prague receives letters from big cities in big continents, but also from little towns and places that can only be found on very detailed maps, from 96 countries of the world. All these letters have one and the same address - Radio Prague, Czechoslovakia. And all of them pass through the hands of the editors of the foreign broadcasts of the Czechoslovak Radio, because it was to them that the writers of these letters addressed them. No matter what language these letters are in, they are always a reaction to the radio broadcasts of Radio Prague. (Direct)



SPEEDXER Pokatiloff's book on Ancient Astronauts sounds interesting therefore, we include the following promo here

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**AMALGAMATED WIRELESS (A/ASIA) LTD.**  
**AUSTRALIA'S NATIONAL WIRELESS ORGANISATION**

VK2ME

Power: 20 kw

Date: 21 March 1932

From: Henry Shaw

"THE SHORT WAVE VOICE OF LABOR AND FARMER"

This confirms your having received us Feb 27 1931

6080 KCS.—49.34 METERS  
11840 KCS.—25.34 METERS  
17780 KCS.—16.57 METERS

Our transmitter is 500 watts, crystal controlled, 100% modulation.  
Thank you for your report and please write again.

E. N. NOCKELS,  
Sec. and Gen. Mgr.

MAYNARD MARQUARDT,  
Chief Engineer.

NORTHEAST TOWER, NAVY PIER, CHICAGO, ILL., U. S. A.

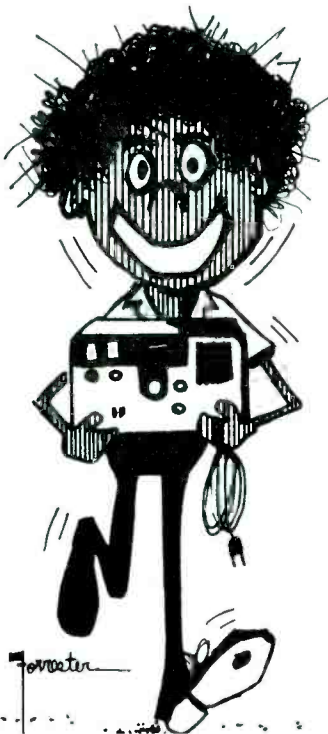
W9XAA

Power: 500 watts

Date: 27 Feb 1931

From: Henry Shaw

Does anyone remember this station? "THE SHORT WAVE VOICE OF LABOR AND FARMER". BCing on 6080/11840/17780 w/500 watts from Chicago, Illinois. No doubt one of the earlier voices heard on shortwave radio, from the USA.



NEVER PASS BY  
JUNK SHOPS,  
FLEA MARKETS,  
GARAGE SALES, AND  
THRIFT SHOPS  
WITHOUT TAKING  
A LOOK, YOU JUST  
NEVER KNOW WHAT  
YOU MAY FIND.

(Some true words presented by our "Resident Artist" in Okinawa, Robert Forrester. The many 'Swap Meets' in nearly every area can offer a hobbyist many chances to grab a real classic.)

by Robert Fraser

(I am deeply indebted to Mr. Luther W. Eldridge of South Weymouth, Mass., an engineer at WBF, for the technical information and operations of the station; and to Mr. Cornelius C. Maher, Manager of the Public Affairs Administration of the United Brands Company, for a general history of the Tropical Radio Telegraph Company.)

Back in 1871, Capt. Lorenzo Baker of Wellfleet, Cape Cod, Mass., brought to Boston, America's first cargo of bananas. Despite his friends and associates labeling them "monkey fruit", they were quickly sold. Pleased, Baker immediately went into business growing and shipping bananas. In 1885, Baker headed up a Boston group forming the Boston Fruit Company. The headquarters were located in the Board of Trade Building at 131 State Street and the firm leased the whole south side of nearby Long Wharf. In 1899, the Boston Fruit Company headed up and became controlling member of a merger of 12 American banana growing and shipping concerns which became the United Fruit Company. Merging with other food producing firms in the 1950's and 1960's, United Fruit became the United Brands Company in 1970.

Sailing ships first brought the unusual fruit and after 1879, steamships. Refrigerator ships were first used in 1903. The fruit was picked green and ripened on the voyage. But it was highly fragile and the hot tropics or cold New England weather quickly spelled disaster despite all precautions. Often, tons of rotting bananas had to be thrown overboard while at sea. Bostonians quickly learned to flock to Long Wharf whenever a banana boat was expected. Almost always, stalks of over-ripe bananas, which couldn't be sold, would be handed out. A story told me was of a man who received a stalk of about 100 bananas. As he shouldered his way through the mob on the wharf, many "helping hands" reached out. When he was free of the people, he discovered all he had was a bare stalk.

The invention of radio greatly interested United Fruit. By it, they could keep in touch with their Central American branches and ships at sea. In 1903, United Fruit began building their own network. The US Navy's "Wireless Radio Stations of the World" (1907) list four radio stations in Central America owned by the Boston Fruit Company. They were: "B" at Bocas del Toro, Panama; "X" at Puerto Limon, Costa Rica; and "Q" at Bluefields and "UE" at Rama, both in Nicaragua. The only details given was that the equipment was all by Shoemaker. As all long distance stations then, they operated on long wave, were of the spark type, and used CW instead of voice. Oddly, none of the Boston Fruit Company's American stations are listed nor none of the shipboard radios. The latter may be explained as the Boston Fruit/United Fruit only owned one ship in their whole existence, chartering all their vessels.

The tropics are plagued by many thunderstorms with resultant static. Mr. Eldridge was first at an United Fruit spark type radio station in Guatemala. He told me that the reception of a spark type transmission often sounded more like static than did the static itself.

In 1913, the Tropical Radio Telegraph Company was established as a wholly owned subsidiary of United Fruit to take over and operate the parent company's radio network.

It is not known when WBF came into existence but it was in operation in 1928 when Mr. Eldridge joined it. WBF was first located on the Board of Trade Building's roof and the four antennastowers still exist here. Mr. Eldridge passed on two stories he heard of the call letters. One is that they stand for William B. Filene, owner of the famous Filene's Department Store and prominent member of Boston's Board of Trade. The other story was that the letters stand for the Boston Fruit Company. Mr. Eldridge doesn't take stock in either legend.

Due to lack of room for the growing business, WBF was moved to Charles Street, in southeastern Hingham, Mass., located some 12 miles southeast of Boston. Two 250 towers, oriented east and west were built with a four wire flat top aerial. The antenna was divided into two portions, one for

147 kHz and the other for 436/500 kHz on the long wave marine band. The 147 kHz section was fed directly from the main transmitter using a single wire transmission line. The 436/500 kHz section was energized through an open wire feed line to a tuner house under the east tower. Inside it was a relay which selected the proper inductance of the loading coil for either 436 or 500 kHz. The relay was under direct control of the radio operator as well as various other relays within the transmitter itself. A storm (possibly the 1938 hurricane) destroyed the flat top aerial and it was replaced by a single wire, divided into 147 kHz and 436/500 kHz portions.

The main transmitter, covering the low frequency marine band, was rated at 25 kw and used a water cooled tube in the final with 20,000 volts in the plate. The transmitter had come from the TRT Guatemala station at Barrios where it had been a long wave relay between the other TRT stations and as direct communication to New Orleans. The new shortwave transmitters had made it obsolete so it was brought to the US, rebuilt to cover the long wave marine frequencies, and installed at Hingham. No one knows what type it was. Mr. Eldridge said that the nameplate had been removed in the rebuilding and never restored. Despite its age, the transmitter was very satisfactory and under good atmospheric conditions, covered most of the North Atlantic and as far south as Chile.

The auxiliary transmitter was a 750 watt RCA shipboard type. Its antenna was a single line running from the transmitter to half way up the east tower. Switching frequencies on the auxiliary was very clumsy to say the least. The radio operator was unable to do it and he had to call the man on duty at the transmitter to do the switching for him. Fortunately, the short range auxiliary was seldom used.

There were also a couple of "home-made" marine high frequency band transmitters rated at 2.5 kw input power. They energized Delta type doublet antennas with one antenna for each frequency used. The transmitters were hand tuned twice a day since there were daytime frequencies and nighttime frequencies. These antennas were oriented northeast-southwest to cover most of the traffic.

Marine operation was shut down in 1942-1945 because of the war and ceased in 1950.

The four point-to-point transmitters were also converted RCA types of 2.5 kw each. Each transmitter had its own line to the receiving station and could be separately keyed by the operator on duty. The PTP transmitters used broadband Rhombic antennas energized by 500-ohm open wire transmission lines. The antennas were oriented on Miami, Florida; New Orleans, LA; La Lima, Honduras; Guatemala City, Guatemala; and Panama City, Panama.

A FCC ruling about 1939 forced a change in the WBF transmissions. Before, a lot of private messages had been sent but now, it all had to be of a commercial nature. The FCC also required frequent identification on each transmitter while in use. Motor driven identification discs with time delays were used at WBF. With the first impulse over the keyline, the relay opened permitting the use of the transmitter by the remote operator. At the end of the operation and after a predetermined time, the relay closed putting the identification disc back in the keyline.

After World War II, the FCC ruled that each frequency was to have its own call. Thus, the PTP circuits dropped WBF and became WBW, WBO, WBQ, WCA-36, WCB-20, WCB-23, and WCB-27. (Mr. Eldridge thought there were more call letters but was unable to recall them.) Incidentally, the PTP circuits continued in use during World War II but Naval personnel were on hand for the usual censorship.

The receiving station of WBF was also moved from Boston to Charles Street, Hingham in 1930 and it stood on the southern half of the property. In 1938, due to increased traffic and its close proximity to the transmitter, the receiver was moved to Derby Street, Hingham and about 2 miles southwest. This used Rhombic antennas for the PTP circuits and Doublet antennas for the high band marine frequencies. Underground hard drawn copper transmission lines ran from the terminating transformers on the antenna poles to the antenna switchboard in the basement of the receiving station.

Until 1952, all traffic was transmitted by hand or by prepunched perforated tape and incoming messages were transcribed by the operators directly on typewriters. Teletypewriters connected the radio station to Western Union and the United Fruit headquarters in Boston. Afterwards, all manual telegraphic operations ceased and teletypewriters were used. Incoming messages were received in printed form and outgoing traffic was transcribed on tape. To prevent reception of all messages by all stations, a "forked system" (Mr. Eldridge's words) was used. A special coded pulse was transmitted first which started the teletypewriter in the desired station.

On June 30, 1960, the Hingham station was closed and its traffic then handled either by Miami or New Orleans. This may have been due to the fact that the Port of Boston had been going downhill since the end of World War II. In fact, only a few of its 250 wharves are in use today.

The northern half of the Charles Street property (where the transmitter stood) was sold to the Maryknoll Fathers who built a school on the site. The southern half of the property (where the first receiver stood) was used by the TRT Engineering Service from 1938 to 1971. Then they moved to the Prudential Building, Boston and in 1974, to Washington DC. This section of the Charles Street property was then sold to a "gentleman farmer". The Derby Street property (where the second receiver stood) is now the Hingham Shopping Plaza. Oddly, and as previously mentioned, the original WBF antennas still exist atop the Board of Trade Building in Boston.

The Tropical Radio Telegraph Company is now the Tropical Radio Telecommunications Corporation with headquarters in Washington, DC. It is still wholly owned by United Brands Company.

Mr. Eldridge added that TRT has only one active radio station in use today - WNU, New Orleans which also has two PTP circuits. The Miami station, WAX, was closed in 1975. As many Utes, TRT is now using landlines, cable, microwave, and satellite relays and automatic message distributions. Despite their radio stations closing, TRT is rapidly expanding its circuits via the new means into Europe, Central and South America, the Caribbean, and the Far East (via San Francisco).

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SOMETHING TO THINK ABOUT. . .by Brett Dauer. . .Did you know that it is possible for you to hear a live broadcast over your radio before the people within the same studio? As strange as it may seem this is true for even the most distant DX. This is made possible because of the fact that radio waves travel at approximately the speed of light which is 186,282 miles per second, compared to sound waves which only travels at a speed of 1/5 of a mile per second.

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SWL OR DX. . .by Ed Kavalesky. . .DX or SWL? To some it is very important, to others it makes little difference. As long as it is a subject that can get us to jot down a few lines for a club column it is well worth a discussion.

My own opinion is that a devout DXer is one who hunts through the bands and records or jots down information for the sole purpose of identification and/or QSLs for the club identification columns.

An SWLer is one who depends solely on program schedules, whether it be published schedules or his own, and at no time randomly turns that dial. He does not turn on the ra-did-io unless he knows a specific program is being broadcast and has no curiosity as to what might be 5 kHz up the band.

Myself, I like to turn that dial whenever possible and log whatever I can. However, if a DX program or science and tech program is being aired I'll be listening to it, if possible.

Sure there are devotees on both sides of the fence. But for about 70% of us, who like both sides of that fence, aren't we really SWEs (Shortwave Enthusiasts)??

.....  
The Prague info was sent by Jim Whitehead. May the Voice of the Voyager be with you always. See you in Montreal. I remain,  
*Arctur*

JULY CONTRIBUTORS PAGE

Each contributors name is preceded by a number, this number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for sections other than SWBC, QSL, UTE and SKEDS are not listed here, they are recorded separately by the membership chairman by perusing each issue. The \* preceding a number indicates credit is given for points that were missed the previous month.

2	ANDERSON, PETER	NY....R-300	1	HOWARTH, CHESTER	WA....SPR-4
1	ANGELONI, RICHARD	NY....DX-160	4	HOWELL, JOE	CA....DX-160
2	ASHBRANGER, JIM	AZ.....??	3	HRIVNAK, DONALD	IL....FRG-7
3	BALDWIN, MIKE	NC....FRG-7	2	IRELAND, JEROLD	TN....FRG-7
6	BARTUNEK, EWALD	AUSTRIA...FRG-7	1	JACKSON, RANDALL	OR.ICF-5900
5	BAUM, RICKY	FL.ICF-5900	2	JONES, JACK	MS..DX-150A
1	BENJAMIN, LORENZO	CA....SX-190	2	JONES, MICHAEL	CA.CRF-330K
2	BEUKELMAN, BILL	HOLLAND...XCR-30	3	KASPRZYK, EMIL	TX.....R46
2	BILLER, JEFFREY	NJ....DX-160	2	KAUFMAN, MALCOLM	NY.....SW4A
3	BLAIZE, SANDY	ENGLAND....51J3	3	KELLER, ERIC	CA...R-390A
1	BODELL, BOB	OR....R-390A	2	KEMP-BLAIR, KEN	CA....SX-122
1	BOUTIN, JOHN	CA....FRG-7	1	KENNEDY, STEVE	FL....SW-4A
1	BRICK, GEORGE	NH....NC-88	1	KLONTZ, WIN	CA....SPR-4
2	BRODSKY, DAVID	NY.ICF-5900	2	KLUMB, KELLY	CA..RF-2200
1	BYAN, ERIC	WA....DX-160	1	KOIZUMI, HIROKAZU	JAPAN..TR5-9DS
6	BUHAGIAR, ANTHONY	ONT....SX-190	2	KUSALIK, EDWARD	ONT....R-388
2	BUTTERFIELD, BOB	MA....Frg-7	1	LAZARUS, HENRY	LA....SX-100
1	BYCURA, JOHN	PA....PTL-9	2	LEISTNER, LOU & E	CA....SPR-4
1	CARNS, DANNY	SC....FRG-7	5	LEONARD, KEN	FL....DX-160
1	CASE, WILLIAM	PA..FR-101D	1	LIGON, HANK	GA....FRG-7
1	CATEY, ROBERT	IL....SX-133	1	LINK, GEORGE	CA....DX-160
2	CHABAK, MICHAEL	CO...HQ-180	3	LOBDELL, CHRIS	MA....FRG-7
1	CHAN, DAVID	OR....S-118	2	LONGACRE, DON	NY....HQ-215
1	CHILD, CRAIG	ME....FRG-7	4	LUSKIN, ARLENE	MD....FRG-7
1	CLEVELAND, BILL	CA....SPR-4	1	MACRIS, RANDY	MO....DX-160
1	COHEN, JON	NJ....FRG-7	4	MAGHAKIAN, MIKE	NY.ICF-5900
3	COLLINS, JAN	OR....SPR-4	2	MAPPIN, RUSS	WA....SCOTT
1	CONSTANTINIDES, C.	GREECE...XCR-30	1	MARABLE, IVERY	ITALY.CRF-5090
2	CURTIS, BOB	VT....SP-600	1	MAYER, JIM	CA....FRG-7
3	DALUM, GERALD	IN....FRG-7	2	McCURDY, TIM	CA..HA-600A
2	DeKOYER, RICHARD	NJ.....??	1	McDONALD, JIM	HI....S38-C
1	DEL RIO, ANTONIO	CA....FRG-7	5	McINTOSH, RANDY	PA....SPR-4
1	DENNIS, AMEL	IN....SX-190	7	MELLINGER, CRAIG	NJ....FRG-7
1	DEVENDORF, J.C..	CA....SPR-4	6	MILLER, BILL	CA....DX-160
2	DIAMOND, ABE	MD...CRF-320	4	MONJURE, RICHARD	LA....DX-160
2	DIEBOLD, CHARLES	FL....R-300	4	MOODY, PHILLIP	ITALY...FRG-7
2	DOBBINS, CHARLES	NC....DX-160	2	MORRIS, GREG	TX....S53-A
6	DONLY, ROBERT	SC.EDY-8302	3	NADAV, AMMON	NY..NRD-505
4	EARHART, KEN	PA....FRG-7	4	NAYLOR, SPENCE	CA....FRG-7
2	FAMULARO, RALPH	NJ....XCR-30	1	NOVELLO, JAY	NY..XCR-30
4	FISHER, JOHN	MA...GRP-90	2	O'BRIEN, JIM	B.C....DX-160
4	FORSMAN, STAN	CA....R-392	3	ONKEN, JOHN	IL....FRG-7
1	FOWLER, GARY	ONT....SPR-4	1	ORR, TONY	CO....DX-160
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4	HAGEN, STEVEN	IL....SSR-1	3	POTACZEK, JOE	IL....SX-71
3	HAGWOOD, KEITH	TN....SX-110	4	PRATH, JOHN	FL....FRG-7
3	HARADA, CLAYTON	HI...R-390A	4	PROOM, STEPHEN	ENGLAND.SAT-2100
2	HARDESTER, MIKE	OKI....SPR-4	2	PYATT, EDWARD	PA...HQ-100
4	HARRINGTON, ROB	CO.....??	5	PYNE, WALTER	MD....FRG-7
4	HAUSER, GLENN	TN....FRG-7	2	RADTKE, CARL	CA....SPR-4
4	HEATH, WILLIAM	KY....DX-160	1	REESE, ORLA	KS...QR-666
1	HERKIMER, JAMES	NY..HQ-129X	1	ROMANI, DAVID	OH....SPR-4
3	HODSON, THOMAS	MN....FRG-7	4	RUDOLPH, BILL	AL...NIVIC0
1	HOFFMAN, CHARLES	PA....FRG-7	6	GUGGLEY, BOB	IL....SPR-4
2	HOGAN, JAMES	NC....DX-160	2	RUSSELL, GARY	IL....SSR-1
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1	SHORT, JERRY	CA...R-390	3	TRAUTSCHOLD, JOHN	WI...FRG-7
1	SKORA, GREGORY	ONT...TRAN-0	1	TRUBEE, BILL	HI...SPR-4
6	SMITH, TOM	FL...VEF-204	3	TRUEBLOOD, JOE	WI.....??
3	SMITH, TRAVER	CA...FRG-7	1	TROCHIMCZYK, J.	W-GERMANY...XCR-30
1	SMITH, WADE	MA...FRG-7	1	UERLINGS, JAMES	OR...SPR-4
4	SNELLMAN, DAVID	PA...SSR-1	3	UTTER, RICHARD	NY...SPR-4
6	SNYDER, SCOTT	NY...GE-PORT	1	VOCKEROETH, JOHN	PA...SX-190
5	SOMERS, JACK	CA...FRG-7	1	WALTERS, JOHN	NJ...R-1530
2	STAPLETON, CLAYTON	TX...DC-1270	2	WAMPLER, MICHELE	VA...R-4C
1	STEEN, RAY	WA...FRG-7	1	WATTS, GREG	IN...DX-150B
3	STEPHENSON, NORM	CA...FRG-7	1	WHEELER, FRANK	KS...DX-160
8	STICKLE, EDWIN	NY...CF-5605	4	WILLIS, FRED	PA...SPR-4
4	STONE, WILFRED	ONT...SX-190	5	WORREL, RICK	ND...WARDS
5	SULAK, JOHN	PA...SSR-1	2	YAJKO, BOB	PA...SPR-4
1	TACOMA, SCOTT	CA...DX-160	4	YOHANA, BILL	NJ...FRG-7
1	TALBOT, LARRY	WI...FRG-7	3	ZAVATSKY, MARK	CT.PATROL-9
1	TANNERWALD, LEON	NY...SPR-4	5	ZILMER, BOB	WI...SPR-4
6	THOMPSON, GLENN	NM...FRG-7	1	ZIMAROWSKI, MARK	MA...SX-190
7	THOMPSON, PEGGY	CA...RF-2000			

A hearty thank you to 18 first time reporters, they are: Jim Ashabranner, AZ; Eric Bryan, WA; Danny Carns, SC; Richard DeKoyer, NJ; Charles Diebold, FL; Stan Forsman, CA; Ron Howard, CA; Donald Hrivnak, IL; Ken Leonard Jr., FL; Arlene Luskin, MD; Greg Morris, TX; Frederic Osterman, OH; Clayton Stapleton, TX; Ray Steen, WA; John Sulak, PA; Joe Trueblood, WI; Michele Wampler, VA; and Frank Wheeler, KS. A big thank you to 165 reporters, that helped make this issue a success.

-----

#### ITEMS FOR SALE AND OR WANTED

Barlow-Wadley XCR-30 Mark 2 receiver with all accessories in excellent cond. Price includes a set of headphones and postage costs, \$210.00. Contact Bob Pierce, 227 St. Joseph Ave., Fitchburg, MA 01420. Phone (617) 342-7200

Drake SPR-4. Calibrator 2.4 kHz mod. Out board X-tal socket. 30 X-tals included. Recently re-aligned. Good shape. First \$450.00 offer takes it. Contact, Don Johnson, P.O. Box E, Lake Elsinore, CA 92530.

Drake SPR-4 with FS-4 Synthesizer and interface. \$750.00. Franklin 24 hour clock, \$10.00. Telex Twin Set headphones, \$10.00. SM-2 MW Loop Antenna, \$35.00 or best offer. Contact: Chip Karcheski, 5 Elmhorn Road, Worcester, MA 01609 You may call Chip after 5:00 PM EDT, (617) 752-1365.

Larry Brookwell, 1826 Cypress, San Diego, CA 92154 wired up a batch of 100 kHz ztal calibrators with LED pilot to save batteries (requires 3 AA cells) and will sell them for \$15.00 each postpaid. 10% of sale will be donated to HAP. Phone (714) 429-9728.

Drake equipment: 2-C Receiver, 2-CQ Q-Multiplier and speaker, 2-AC 100 kHz crystal calibrator, 2-LF Low freq conv, 16 crystals: 3.0-3.5, 4.0-4.5, 4.5-5.0, 5.0-5.5, 5.5-6.0, 6.0-6.5, 9.0-9.5, 9.5-10.0, 11.5-12.0, 12.0-12.5, 13.5-14.0, 15.0-15.5, 15.5-16.0, 17.5-18.0, 18.0-18.5, 27.0-27.5. All for \$235.00, plus shipping. Contact: Gary L Hansen, Box 33, Gwinner, N.Dak. 58040.

WANTED: CB Channel Nine Monitoring unit. Need the type that connects on ant. and radio. Should be in good condition. Advise description and price, include shipping costs, also need a schematic for a Radio Shack PRO-2B VHF Rec. Phill Moody, Box 355, APO New York 09019. (56th Signal Company)

WANTED: Lafayette HE-30 Gen. Coverage receiver. Must be in good condition, complete with manual. Will pay top price & shipping. Needed for collection. Contact: Steve Kennedy, Box 132 Immokalee, FL 33934. (813) 657-4747 2200-0200 GMT.

No collect calls to any of the above.

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