

# SPEEDY

"THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS"

## ARNE SKOOG



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## SWEDEN CALLING DXERS

AUGUST 1977

Vol. VII No. VIII



# KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

## CONGRATULATIONS TO 9 NEW FULL MEMBERS

DAVID AMBRUSTER  
RACINE, WI

PHILLIP BOWERS  
NEW YORK, NY

EDUARDO RIGGI  
LOS ANGELES, CA

TONY DAVIS  
KAILUA, HI

AARON GADOVAS  
ST. ALBANS, VT

BRUCE KLEMENS  
CLIFTON, NJ

TIM McCURDY  
LA CANADA, CA

JOSEPH PIA  
SYRACUSE, NY

MICHAEL WESTFALL  
RIALTO, 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

DARRELL LANG  
SANTA MONICA, CA

WILLIAM LIGON  
DUNWOODY, GA

TERRANCE WARD  
WAGO, TX

HUGH MONTGOMERY  
NEW YORK, NY

RIK GLASGOW  
ACKERMAN, MS

IRWIN WALDMAN  
HAZLET, NJ

GREGORY SKORA  
ONT, CANADA

WILLIAM CASE  
MORRISVILLE, PA

PAUL BECK  
DANBURY, CT

AKIO KOODA  
JAPAN

WILLIAM LEWIS  
CULVER CITY, CA

LEWIS PADGETT  
FT WALTON BCH, FL

JERRY SHORT  
ANAHEIM, CA

TRAVER SMITH  
SAN JOSE, CA

ROBERT FRASER  
COHASSET, MA

RICK ELDER  
SASK., CANADA

STEPHEN MURPHY  
ROYAL OAK, MI

DENNIS STREVELER  
KANEOTE, HI

DAN WATTS  
ONT., CANADA

THOMAS HODSDON  
COTTAGE GROVE, MN

DAVID DUKE  
EL PASO, TX

JAMES BOWMAN  
JEFFERSONVILLE, GA

Welcome to SPEEDX. You have joined a club that has an incentive program; that is, you gain full membership by supporting the various columns and sections. By doing so you help the club and yourself, as a full member does enjoy a few privileges not afforded to associate members. We are looking forward to hearing from you often.

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## STATEMENT OF CANDIDATES FOR BOD ELECTION

ROBERT BUTTERFIELD - Having been nominated for a SPEEDX BOD position, it seems appropriate to acquaint newer members and to review with older ones, my activity and interest with SPEEDX. I've been a staff member of SPEEDX since its inception. For the first two years as Station Skeds editor, for the next three years plus as the then Europe/Africa editor, and as a Special editor since. I have worked on numerous special publications including the SPEEDX "Guide to Soviet Broadcasting" which I co-authored with Doug Snyder, and the largest SPEEDX undertaking to date, the "SPEEDX Utility Guide" of which I was one of the editorial staff. I am currently working on several more projects for SPEEDX.

I feel I have shown through such various special projects and editorships my qualifications for being a BOD member, one who takes an active and working interest in the club. SPEEDX cannot hope to be active and thus a leader among shortwave organizations unless its guiding personnel are. I hope that you feel as I do that SPEEDX is one of the best DX Clubs in the world. I want to help SPEEDX become the best...and I need your vote to help me do it.

Candidate statements cont next pg.

PAUL LAYC - I am greatly honored to have been nominated to serve on the Board of Directors of SPEEDX. As a founding member, former Utility editor and editor of the new "Utility Guide", I pledge, if elected, to strengthen the founding goals of SPEEDX. That is to encourage and maintain the idea that SPEEDX is the club for active listeners and to encourage the membership's support of SPEEDX's various columns and activities.

In any case, whether you cast your vote for me or another candidate, do indeed vote.

MARK ZIMARC'SKI - First of all I'd like to thank whoever nominated me. I consider it a great honor and one which I will try to live up to if elected.

Looking back on the remarkable growth of SPEEDX over the past six years I think two factors have contributed more than anything else to this success. The first has been the club's commitment to maintain a professional level of quality both in the magazine and in other projects. The second has been the open-minded attitude of the management toward new ideas. By keeping these principles in mind we can assure the continued success of SPEEDX in the years to come.

Even more important though is that all members have a say in how the club is run. If I am elected I will do my best to see that the decisions made by the Board of Directors reflect the wishes of the membership. In order to do this I'll need you to let me know about any opinions or suggestions you might have. By doing this you can help assure that SPEEDX provides the greatest possible service to its members.

LARRY TALBOT - Thank you for the nomination to the SPEEDX Board of Directors. Along with the honor of being nominated and elected comes the responsibilities of the position. I think a board member should do more than put forth his own ideas. He should be responsive to the feelings of the total membership. One should not forget the needs and wants of the newest members as well as those of the DXperts. I feel that SPEEDX has remained one of, if not the best DX club by following this philosophy. SPEEDX has always encouraged the support and contributions of all its members. That way all of us can feel that we are a part of SPEEDX.

As a member of the Board of Directors I would help preserve that philosophy which has made SPEEDX great. I pledge to co-operate with the officers and other members of the board in making decisions that will continue this idea.

BOB BODELL - First, let me thank all who have nominated me for this position. It is indeed an honor. As a brief introduction, I am 29 years old, single, a geographer specializing in the Pacific, and currently working for my Masters degree.

When I joined SPEEDX four years ago, I was motivated by the motto "the DX magazine for active shortwave listeners." We are an organization of active members, and, more than anything else, it has been your participation that has made SPEEDX one of the foremost radio clubs in the world.

However, every organization needs leadership to provide guidance for continual upgrading. In SPEEDX, there is currently a need for "new blood" in the leadership, particularly in this critical period for all major clubs as many new "specialized" clubs are emerging.

As a result, the pressure is on established clubs to produce quality material that will attract and retain the interest of all, from the beginning SWL to the veteran DXer. It is important that your representatives be in tune with the hobby, be innovative, and be willing to devote a lot of time and hard work to provide the quality you demand.

As your BOB representative, I will work hard for you to provide the best SPEEDX possible. I will want to hear your suggestions, complaints, and inquiries. Read all the candidates statements carefully and be sure to vote! When it comes down to it, your votes will decide the future of SPEEDX.

more statements cont. next page

CHARLES M. YOUNG - Hi, I am Charles Young and I am running for BOD. I am 15 years old. I feel that I am just as qualified as anybody else running for BOD. But, I think we should start a new generation in the BOD instead of the people that are running and have been with SPEEDX staff for a long time. I will serve SPEEDX to the best of my ability. I hope you will vote for me when election time comes, and remember that I will serve SPEEDX like a King.

ALAN BROOKS - The next two years may well see SPEEDX become the established leader in the shortwave field. During this span we should strive to continue our orderly growth and not allow ourselves the luxury of self-satisfied stagnation...

Some of the priorities to be addressed during this period should include some of the following efforts:

- 1...further encouragement of increased membership participation through contest projects, exchange of ideas, and self-help programs.
- 2...generation of program content critiques and equipment analysis reviews to provide better communication with manufacturers and broadcasters in matters of concern to DXers.
- 3...development of hobby promotional material for dissemination to the media.
- 4...an increase in technical assistance data covering various levels of expertise.
- 5...continuation of "hold-the-line" methods in financing in order to prevent or minimize dues hikes without forcing a decline in quality of club services.
- 6...a concerted effort to recruit and retain new members.

For my part, possession of mature judgement and an attentive ear will mean support of well-reasoned proposals in the best interest of SPEEDX and its members that maintain our level of excellence while promising further improvement. Encouragement of more active participation in Board decisions by welcoming suggestions of members would assure that this voice would be representative of as much of the membership as possible.

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Eleven members seeking your support to serve as a Board member for the next two years. Four statements were published last month, and seven statements herewith. There were a total of 16 nominees, however 3 declined to run, and we have to assume that the 2 that we have not heard from also declines the nominations by their silence. The names of the 11 candidates will appear on an insert ballot in the September issue of SPEEDX. We urge all full members to support SPEEDX by voting for three candidates of your choice.

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#### CENTRAL DISTRIBUTION EDITOR

A reminder that Bob Zilmer, 9016 W. Mt Vernon Ave, Milwaukee, WI 53226, is our CDE for those that wish to take advantage of mailing their loggings to one point. However keep in mind his deadline is the 10th of each month.

#### COOPERATION A TWO WAY STREET

Did you read that item in our July issue? It applies to our editors also. Please cooperate with our editors and cut your loggings. An editor has to spend a good 2 hours each month cutting the loggings, whereas it would take but 3 to 4 minutes of your time to cut them. You not only would be helping our busy editors, but you would insure getting SPEEDX in the mail sooner.

#### CONGRATULATIONS ARE IN ORDER

Congratulations to Glenn Hauser for being selected the North American DXer of the year. Congratulations also to Clayton Howard of HQJB for being selected as International Man of the year. Announcement was made at the ANARC Convention '77. See Alan Brooks' ANARC report.

Sorry, no room for items for sale and or wanted. We publish these items only when we have the extra space. Items that have not been published should be sent to me again, as they are not used if a couple of months old.



This is a summary of the SPEEDX & SPEEDXTRA accounts for the period from July 1, 1976 to June 30, 1977 inclusive. A detailed financial report is provided to the BOD each month. SPEEDX publishes this financial summary each year to keep members informed of how their money is being handled. It should be noted that the stability of a club can be judged by the balance on hand. This is the amount in the bank to insure that all issues paid for can be delivered. SPEEDX has this stability.

SPEEDX ACCOUNT

Balance on hand July 1, 1976.....	<u>\$3,933.69</u>
RECEIPTS	
Prepaid Subscriptions.....	\$3,625.00
Prepaid Renewals.....	4,942.00
Miscellaneous Income.....	<u>363.65</u>
Total Receipts	\$8,930.65
DISBURSEMENTS	
Bulletin Printing(12 issues).....	\$3,499.17
Bulletin Postage.....	2,309.19
HQS Printing(Flyers,NMP,rept forms)..	650.69
HQS Postage.....	754.73
SPEEDXGRAM(Printing & Postage).....	52.49
Address Labels.....	85.00
HQS Supplies(Includes Collator).....	681.50
Misc.(ANARC,POB E,BBC-MS,etc).....	<u>185.12</u>
Total Disbursements	\$8,217.89
Balance on hand June 30, 1977.....	<u>\$4,646.45</u>

\$

SPEEDXTRA ACCOUNT

SPEEDXTRAS is our Project Division, designed to generate its own funds to produce additional DXing aids. Items in this department include:LL Guide, SS Booklet, USSR Guide, Utility Guide, Country list & awards program, tri-lingual forms, rubber stamps, contests, etc. Note that the account shows a negative cash balance. This because we just printed the SPEEDX Utility Guide. It is expected that as supplies are sold, this account will again be in the black, matching or exceeding last years balance.

Balance on hand July 1, 1976.....	<u>\$659.46</u>
RECEIPTS	\$1,793.40
DISBURSEMENTS	2,548.13
Balance on hand June 30, 1977.....	<u>-\$95.27</u>

I certify this summary of SPEEDX and SPEEDXTRA accounts is true & accurate to the best of my knowledge for the period of July 1, 1976 through June 30, 1977.

*Don Johnson*  
\_\_\_\_\_  
Don Johnson - Treasurer

# ANARC

PART I

As Observed By Alan W. Brooks  
74 Massachusetts Road...Oakdale, Connecticut 06370

**DARF ICH SIE SELBST VORSTELLEN:** The 1977 Convention of the Association of North American Radio Clubs...not to be confused with the "Gong Show"...opened on Friday, 15 July, with films, receiver displays, exhibits, informal get-acquainted sessions, and the gradual, day-long appearance of hobbyists from California to New Brunswick and from Agner to Zondlo. At that evening's opening ceremonies Convention Chairman Jeff White revealed that according to registration data the composite DXer in attendance was between 26-35 years of age, had SWBC as his primary interest, and listened to Radio Nederland more frequently than any other station. Messages from those unable to attend and suitable kudos to all who assisted the host WINDX club were read...



**CRIED CÀ NE È CRU DE LOC:** On the opening night program was a taping from RCI's affable Ian McFarland in which he lamented on his employer's lack of desire to underwrite the expenses necessary to send him to Chicago for the Convention...wonder if RCI paid for the recording tape?...Mass introductions completed, an inquiry from the convention floor resulted in a brief survey from which it was learned that the attendee who had been DXing for the longest span of time was probably New Brunswick's Alfred Thornton...the St. John resident has been tuning the SW dial since 1935...The auction for the benefit of the Handicapped Aid Program was ably controlled by Kevin Mikell. A myriad of items were up for bid ranging the gamut from a Japanese crystal to a pre-selector. There was spirited bidding, for example, among Minnesotans Tom Cavaras and Greg Ravenhorst for a set of obsolete Radio Canada QSL cards, 1967 vintage...a good year for verifications as I recall...Bids for this good cause rolled along so well at one point that a copy of the new **SPEEDX Utility Guide** sold for 5¢ over its current retail price..."DXing I Love You" patches seem popular, but a copy of the last RCI schedule listing the Radio Canada SW Club program put them all to shame....After auctioning off a twenty-four hour clock, a copy of the 1977 WRTVH produced surprising competition on the floor in spite of the fact that most all the bidders already owned one.... but I suppose it never hurts to have a second copy handy for checking parallels....Caught up in the occasion, SCAD Pete Grenier offered to auction off his hotel bill...When the dust settled \$176.50 had been realized for HAP....then Paul Gunn suggested cash donations from the floor in order to reach \$200...but so enthusiastic was the response that the total for the evening's effort tallied at \$225.50...Immediately thereafter commenced the competitive endeavors...to no one's surprise...given the absence from this year's convention of Woody Seymour...Tom Cavaras repeated his previous victories in the interval signal contest while your editor served to further the mystique of his personal gift of tongues by topping the list of participants in the language identification contest....Following those awards club delegates met to select the DXer-of-the-Year recipient with others retiring to various and sundry haunts...Ken Eaton and I to the Paddock Lounge, where what looked for all the world like a FRIENDX staff meeting was taking place over in the corner...and Frank Woltman tried his hand at being a waiter...everyone else, it seemed, was in John Trautachold's room...

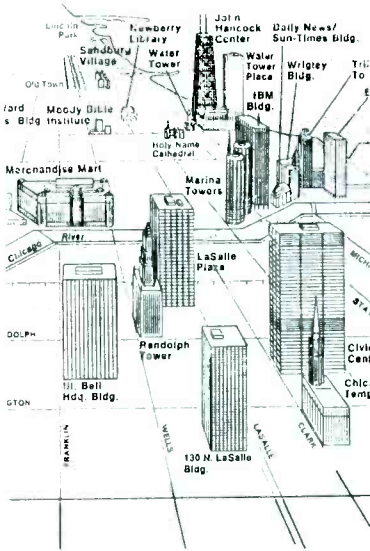
**MGLIO TARDI CHE MAI:** Saturday dawned bright and early...too early for some apparently...late arrivals to the bus for Woodfield Mall, site of the day's activity, were given a standing ovation....Along the route the riders carefully scrutinized the passing countryside for possible sites for future Radio Schaumburg clandestine transmitters...Following a club-by-club headcount a panel discussion on the DX/SWL controversy was launched. Panelists were ANARC's Dave Browne, HCJB's Clayton Howard, Alfie Thornton, and your editor. Discussion, much of it the result of questions formulated by ORF's Jon Marks, was quite animated... John Trautachold, the next speaker, apologized for wearing a tie tack which spelled out "DXer" by explaining that it did not necessarily mean that he was not also an "SWL"; then he mercifully proceeded with an interesting presentation entitled "Technical Monitoring For Short-wave Stations"....The morning concluded with a most informative highlight, a Don Jensen talk, "On To The Top", about the DXing struggle...



# ANARC

PART II

As Observed By Alan W. Brooks  
74 Massachusetts Road...Oakdale, Connecticut 06370

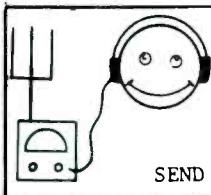


KIKO WAHI CHOO CHA WANAUME? After spending our lunchtime checking out "parallels" in the expanse of gigantic Woodfield Mall...billed as the world's largest enclosed shopping center....all returned for the afternoon session...During the morning activity a group had been observed in the back of the room feverishly preparing a club bulletin....with the advent of afternoon we learned not only that the group was the WFFDA, that their bulletin was the "VHF-UHF Digest", but how they put it together each month...Mike Hogan also enlightened us on why we do what we do in his presentation on "The Psychology of DXing"...Then a panel discussion re "Local DX Clubs" among the team of Gavaras, Ravenhorst, Browne, Grenier, and your editor wrapped it up...

TEM, KDO PRIJDOU POZDE, NEDAME NIC K JIDLJI: Saturday evening of any ANARC convention generally provides the highlight...ANARC '77 was no exception...attendees had been transported back to the convention headquarters at the Howard Johnson's Motor Lodge in Palatine in plenty of time to allow all who so desired to deck themselves out in their banquet finery...SPEEDXers generally held their own in the banquet buffet line...among them were Hubert Paulson, Rich Eddy, John Winslow, Gary Atkins, Gene Sawyer, and Jay Golden...while seemingly oblivious to it all, Don Erickson continued his never ending search for the identity of Charlie Loudenboomer...Your editor suffered brief castigation...watch that word carefully...from the unbeatable team of Eaton, Grenier, and Trautschold for my suggestion that we wait 'till the end of the buffet line...only to find that our gentle manner nearly resulted in not getting anything to eat when there was a temporary shortage of main dishes...but refills soon poured from the kitchen, the grip on my throat was loosened, and I was allowed to live...temporarily...Our appetite sated...temporarily...it was on to the rest of the traditional festivities...Dave Browne, after a brief memory lapse, announced that the recipient of ANARC's coveted North American DXer-of-the-Year honor was Glenn Hauser...then presented the International DXer-of-the-Year Award to HGJB's Clayton Howard...This year's conventioners were treated to two superb speakers...the first was John Faxon, the Chicago Bureau Chief of the Voice of America, who gave an interesting, often amusing, insight into the life of a VOA correspondent...ears picked up all over the banquet hall when he mentioned satellite relays...he also indicated VOA support for doubling of SW band allocations as a means of combating congestion...and gave a fascinating account of his hectic schedule during the election/Bicentennial year just past...DX Party Line" host Clayton Howard concluded slated activity with an audio-visual tour of the parallel careers of HCJB and himself since 1941...and some asides on his first exposure to DXing back in 1925...he allowed that initially he heard nothing but static....shows you how things really haven't changed much in fifty years, doesn't it?...Formal chatter soon became a babble of informal verbiage as the banquet events concluded...Chicagoan Richard Piatek, who may have memorized each and every "DX MONTAGE", and I, who never reads it, bombarded each other with said babble...

BARDZO MI BYLO PRZYJEMNIE: Sunday is a business day...so I got right down to business by attempting to talk Mike Agner into climbing up on my roof someday to alter my antenna...I'm not sure whether I succeeded or not...Dave Browne gaveled the business meeting into session and immediately got down to the work-a-day operations of ANARC...wonders never cease...as Pete Grenier marked the occasion by finally bringing his own pen...he'd been borrowing mine for two days...Questions on the frequency and cost of the newsletter, status of ANARC clubs present and future, financial and committee reports, dominating...Among the more significant was Bob Zilmer's report on the work of the Frequency Recommendation Committee...with an able assist from committee-man Ken Earhart...Oh, this isn't all the activity at ANARC '77...we've a lot more next month...much of it "inside"...but first we have to clean it up...Anyone wishing translations of this month's paragraph headings, please send a stamped, pre-addressed envelope to L. Toledo, P. O. Box 848, Sanford, North Carolina, 27330...





# TECHNICAL TOPICS ?????

Editor

RALPH SANSEIRINO

TECHNICAL TOPICS  
8422 CRANE CIRCLE  
HUNTINGTON BEACH  
CALIFORNIA 92646

SEND YOUR TECHNICAL QUESTIONS TO:

FRG-7 Mods: Grant Manning is doing switchable selectivity mods on the FRG by adding a switch to the front panel for broad/sharp selectivity switching. An inboard 100khz calibrator and VLF converter(10khz-500khz) can also be added. For more info write Grant at 3417 Purer Rd., Escondido, CA 92025. Please enclose a self addressed stamped envelope for a reply.

Collins Mechanical Filter: New info on Collins F455FD-38(3.8khz min @ 4dB 10khzmax @ 60dB) filter. I can supply these units @ \$48.00 each. This unit will work nicely in the FRG-7.

FRG-7 Digital Readout: Engineering model has undergone test and is working well, now on to production. Ham Radio will sell this unit for \$125.00.

Panasonic RP2200: Sent demo back to the factory to have dial calibration checked and to have them look into dial backlash problem this unit had. This set is very hard to come by, the factory is way behind and we can not get any to sell. Will let you know more next time. Dave Duke of El Paso is going to let me know about the antenna tuning unit that goes with this set. Even with minor problems this is a good muti-band portable.

Balun: Have a question from Charles Young wanting to know what a balun is and does. A balun is a coil and is either made from coax cable or solid copper wire. What it does is to match an unbalanced coax feed line to a balanced two-wire system, like a dipole antenna.....Thanks Charles.....

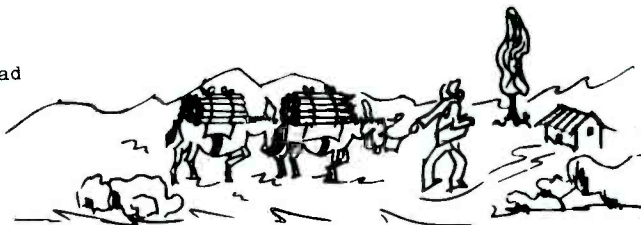
The Radio Shack 100khz Frequency Standard--A user's review -R.Colin Newell  
It was quite a relief early in June, when I finally got a Frequency standard for my receiving set-up. It was the end of a fair amount of work with my DI150B to obtain a useable frequency readout, namely, right down to 5 khz. You see, I was a fan of the interpolation chart, a medium which performs well with many receivers with bandspread dials. I must have been enthusiastic over these few years with them as I now have a book of 53 sheets of graph paper, many containing 2 or more frequency ranges on one sheet. As you can imagine I breathed a sigh of relief when I didn't have to rely on someone elses listed frequency to put together my chart. The Radio Shack model did the job. I didn't feel bad after laying out the \$13 for the calibrator. That was one thing that kept me from buying before; the price of others seemed high. Knowing the only expensive item in the calibrator was the crystal, it made things easy. Putting the calibrator together was little trouble. The instructions, I found, were clear though I found the usual trouble of finding my way around the underside of the P-Box. That is, since it's unmarked! Once all the wiring is in place it was only a matter of getting the 3 AA cells required for power. Yes, it does use AA cells, not the 9 volt Alkaline cells that look like AA cells. You know, the ones that retail for \$4.95 each! The convenient source of energy eliminates the old worry of remembering that sole dealer in the city who sells those. Once connected the calibrator is ready to use. The calibrator utilizes the Colpitts oscillator, a reliable, basic, circuit. It is very stable, and can be set to within 2hz of WWV at 15 mhz. This, in effect, gives your base frequency an accuracy of better than plus or minus .02 Hz. Using a pocket one can find the harmonic frequency differential at any frequency giving you the ability to tell who is off frequency. For example, Radio Clarin is listed on 11700 khz. Upon setting the calibrator to within 2 Hz of WWV on 15 mhz the difference at 11700 is 2 Hz. (100.00002 khz multiplied by 117, the calibrators harmonic for 11.7 mhz) If you hear a het you know their off, knowing your own frequency stability. I figure their frequency to be about 11699.94 khz from my own observations. As is this freq marker would be an excellent base for a counter. As stated in the instructions this can be used with a counter, a clock, or a timer. Don't forget also, that it is excellent for making 50 or more interpolation charts or checking the calibration of your PTO oscillator gives you. All in all, after you finish playing with this new toy you soon realize that it is a very valuable piece of 'lab' gear. A small price to pay for hair that would otherwise be torn out! .....Thanks R. Colin Newell.....



# SWBC DX - Western Hemisphere

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

Tim McCurdy  
271 Starlight Crest  
La Canada, CA 91011



## EMISORA MERIDIANO 70

Recently Emisora Meridiano 70 was the subject of much discussion when, after several years of operation in the 90 meter band, the station began transmitting on 4925 kilohertz in the 60 meter band and became generally audible throughout most of North America. This month, thanks to a friendly and informative letter from station directress, **Emperatriz Rodriguez G.**, we spotlight this Colombian broadcaster and take a look behind the scenes at the station, its environment, and the people that make things go.

Founded approximately four years ago, Emisora Meridiano 70 serves Arauca, a city of approximately 5,000 located in eastern Colombia on the border with Venezuela. Arauca is the capital of the Intendencia of Arauca, a large sparsely settled agricultural region in the "llanos" or plains area of Colombia. The city was founded in 1772 by a Venezuelan, Juan Francisco Lara, and is situated on the southern banks of the Arauca River which serves as the border between Colombia and Venezuela at that point. Nearby is the International Bridge which is the main link between Colombia and Venezuela in the region.

The studios of Emisora Meridiano 70 front on the principle plaza of Arauca, Simón Bolívar Park, and boasts some of the most modern equipment in Colombia. The transmitters, which like the studio equipment are of American manufacture, are located on the outskirts of town on the road leading to the International Bridge.



The beauty of the "llanos" and the gusto of the people who inhabit the region have long served as inspiration for song-writers and it is from this region we get the well known "música llanera" tipified by José Elias Gutiérrez's famous "Alma Llanera". It should come as no surprise therefore that the head of the group which owns Emisora Meridiano 70 is a well known composer and singer of plains music, Dr. Jairo Meza Latorre. Dr. Meza Latorre is best known for his song "Adoración" which won the Colombian equivalent of the "Grammy" award but he has also received other honors such as taking first place in the "Festival of Colombian Songs" held in Villavicencio. Sr. Meza Latorre does not, however, handle day to day operations which are the responsibility of Emperatriz Rodriguez G..

Emisora Meridiano 70 is affiliated with the TODELAR network which currently sits in first place in audience polls. Programming is not limited strictly to network feeds, however, and local programs are produced under the direction of Artistic Director, Henry Arenas Peña. One such program is the news program "Arauca Informa" produced and presented by Bernardo Rivera while another is the Saturday only "Sabadito Popular" which presents the latest in the popular "música tropical" and greets the many listeners to the program. Two regular announcers, three controllers, and two transmitter engineers complete the station's personnel roster.

Emisora Meridiano 70 broadcasts on the frequency of 4925 kilohertz in the 60 meter band with a listed power of 1 kilowatt. This channel is a relatively clear one and thus reception, despite the low power, can be quite good on the East Coast. West Coast listeners have a problem in that

the station signs off long before it gets dark but early morning reception should be possible. You are encouraged to tune their way sometime soon as their programming is highly polished with a distinct and pleasant "llanos" flavor. I have no doubt you'll enjoy the experience.

----- 0000 -----

Radio Nacional de Guatemala, 6180 khz, has begun to play a role in the escalating dispute between Guatemala and Great Britain over the tiny territory of Belize according to a report by the BBC Monitoring Service. This takes the form of a new program, aired Monday thru Friday at 1830-1845 GMT, to "explain our rights". The announcement monitored also indicated the featurette was to be "an authentically historical series for the patriotic cause of the return of the territory of Belize, which belongs to Guatemala".

----- 0000 -----

Radio Progreso, La Paz is once again on the air reports the BBC Monitoring Service as well as various DXers, most notably Tony Jones of Asunción, Paraguay. This station was shut down recently for siding with the miners in a strike along with those stations controlled by the miners unions. Operations on 6005 khz have apparently returned to normal as the sign-off has again been noted at 0600 GMT after a short period during which an 0400 GMT sign-off was observed.

----- 0000 -----

As reported in this column in June, Radio Agricultura, the voice of the Chilean farm owners, has been monitored on 9630 khz. Radio Agricultura heads a network, La Cadena Radial de Agricultura, which according to an announcement copied by the BBCMS includes the following stations:

Radio La Pertada, Antofagasta; Radio Interamericana, Concepción; Radio Alonso de Ercilla, Illapel; Radio Soberanía, Linares; Radio Sago, Osorno; Radio Provincial, Putaendo; Radio San Martín, Quillota; Radio Rengo, Rengo; Radio Centenario, San Javier; Radio Conchagua, Santa Cruz; Radio Jesu Santos Ossa, Taltal, and Radio Regional, Traiguén. Don't be surprised to hear any or all of the above as a station ID as this network feeds both ways.

----- 0000 -----

An article in the Panama City Sunday newspaper "Dominical" relayed to your editor by a business associate and also reported by the BBC MS reports that Radio Libertad, the six year old, medium wave only voice of the Panamanian government exchanges programs with Radio Moscow, Radio Havana Cuba, Deutsche Well, Radio Tripoli and the BBC. This article also states that technical and other studies have been carried out regarding the feasibility of establishing a short wave broadcasting station and "at any moment" such a station may be established "so its programs can be heard in other countries".

----- 0000 -----

Beginning with this issue Western Hemisphere will be produced in two parts, a textual lead in section prepared by yours truly and a loggings section handled by Tim McCurdy. This change has been made necessary by my increased travel requirements which leave me too little time to devote to my family and my column and hopefully this new arrangement will permit me to continue to play at least some role in the preparation of this column. In the future, therefore, loggings should be sent directly to Tim with the deadline as before, the 15th of each month. Information of a general nature such as newsy QSL letters, articles, program notes, etc. should be directed my way as before. I hope you will all give Tim the same great support you gave me and at the same time don't forget I need material too!

Well, tis time to turn things over to Tim who will need all the space he can get to squeeze in all the loggings. Before I go, however, the usual reminder that all times are GMT, all dates are in the month/day format, and the SIO code is used to indicate reception conditions noted. In addition, I'd like to add a note of warning to all those of you using the new FRG-7 receivers. Many of you are not recalibrating your dial each time you switch from one band to the other with the result that your reported frequencies are often as much as 5 khz off. For a better column, please be accurate!!

ANTIGUA

6040 0130 DW Antigua: EE nx and Saturday magazine (434 7/10 Grenier-CA)  
 6175 0600 BBC Antigua: EE World news (554 6/9 Unruh-CA)(McCurdy-CA)  
 6195 1107 BBC Antigua: EE World news, news about Britian (444 7/11 McCurdy-CA)  
 9510 \*0500 BBC Antigua: EE sign-on wld nx (55- 6/14 Brodsky-NY)(Reese-KA)(McCurdy-CA)  
 9545 0506 DW Antigua: GG newscast (444 6/30 Gaede-CA)  
 9605 1300 DW Antigua: GG ID freq's nx (444 Zilmer-WI)(Agner-NJ)  
 9690 0600 DW Antigua: GG ID's nx (544 6/11 Dutkowsid-BC)  
 11795 2200 DW Antigua:GG tx chorus singing (454 7/5 (Zilmer-WI )(Grenier-CA)  
 11810 1300 DW Antigua: GG ID nx organ mx (454 7/10 Zilmer-WI) Bob says that this is not the EE program that is listed in the schedules. ed  
 15185 1200 DW Antigua: GG ID nx organ mx (333 7/10 Zilmer-WI)

ARGENTINA

5985 0930 LRS2 R. Splendit: ID's must be more than the 2kw listed (333 7/4 Legge-VA)  
 6120 0550 LRL1 R. El mundo: SS ID LA tango mx and ID's (353 6/19 Sparks-CA)(Jones-MS)  
 9690 0524 LRA32 R.A.E.: SS ID LA tango mx om tx (343 7/7 Trautschold-WI)  
 11710 2300 LRA35 R.A.E.: EE is ID nx (353 Gaede-CA)(Yaiko-PA)(Hall-CA)

BELIZE

3285 0250 Radio Belize: LA mx tx in SS by om (312 6/23 Franck-VA)(1127 SS 6/23 Jones-MS)

BOLIVIA

4875 0030 CP75 R. La Cruz del Sur: SS ID's LA mx TC's rel. mx (322 6/15 Rogers-ME)  
 6035 1102 CP92 R. Panamerica: (322 7/1 Jones-MS)

 BRAZIL

3335t 0223 ZYC50 R. Clube da Conquista: PP pops rapid DJ no definite ID due to CHU (-2 6/23 Meritz)  
 4985 0841 ZYX2 R. Brasil Central: PP Echo chamberads ID's (554 7/10 Lentz-PA)  
 4755 0115 ZYF23 R. Dif do Maranhao: PP fast tx (333 6/23 Agner-NJ)  
 4775 0815 ZYZ5 La Voz do Oeste: PP Brazilian mx ads TC's tx (322 6/15 Tannenwald-NY)  
 4905 0007 ZYD71 R. Relogio Federal: PP TC's ads (-2 7/5 Meritz)  
 5015 0852 ZYX24 R. Cultura: PPpomp tx severe het (222 6/28 Trautschold-WI)  
 5045 0232 ----- R. Cultura do Para: PP lively mx ID's (444 6/30 Maghakian-NY)  
 15245 \*2100 PRL8 R. Nacional: EE farwell program nx messages (333 6/11 Maghakian-NY)

CANADA

5960 0315 RCI: EE DX Digest program letters (545 6/20 Yohana-NJ)(Mappin-WA)(Saxon-NY)  
 6005 2006 CFCX: EE wx pop mx ID ads relay CFCF (433 6/14 Begelow-DE)(Brodsky-NY)(Saxon-WA)  
 6070 0155 CFRX: EE Road report commercial for insurance (433 6/20 Kelly-WI)(Noon-ILL)(Lentz-PA)  
 6130 1919 CHVX: EE pop mx ID ads (222 6/24 Begelow-DE)(Routenburg-ONT)  
 6195 0105 CBC N.S.: EE discussion of old company stores (544 7/3 Kelly-WI)  
 9445 2219 CBC A.F.: EE commentary on Belize (333 7/7 McCurdy-CA)  
 9535 0300 RCI: EE special program w/ songs of Gordon Lightfoot (544 6/29 Grenier-CA)  
 9605 0352 DW Sacville: GG ID mx (4445/17 Hall-CA)  
 9625 0201 CBC NS: EE nx (333 6/20 Kelly-WI)(Gaede-CA)(Reese-KA)  
 9655 0245 RCI: SS ID mx (333 6/27 Gaede-CA)  
 11720 1420 CBC NS: EE "Sunday Morning" program (454 7/10 Saxon-NY)(Arnold-CA)(Hall-CA)  
 11845 0307 RCI: EE Sunday Mailbag (555 6/26 Corbishley-DE)(Arnold-CA)(Smith-FL)(Noon-ILL)  
 11855 2045 RCI: EE Sunday Magazine (434 7/10 Grenier-CA)  
 15325 1800 RCI: tx by om yl ID's (533 6/19 Dutkowsid-BC)

CHILE

9565 0110 CE955 R. Nacional: EE mx ID and nx (333 7/7 Franck-VA)  
 9750 1209 CE957 R. Minería: SS ID's LA mx (433 7/15 McCurdy-CA)

COLUMBIA

4815 0420 HJVG R. Guatapuri: SS fast tx ID's (232 6/25 Trautschold-WI)(Tannenwald-WI)(Jones-MS)  
 4865 0238 HJLZ LV de Ginaruco: SS IE pop mx (242 6/21 Jones-MS)  
 4945 0420 HJDH R. Colosal: SS om DJ mx TC's (343 7/9 Schipelliti-MA)(McCurdy-CA)  
 4965 0530 HJAE R. Santa Fe: SS ID's Columbian pops QRN (4535/9 Peck-NY)(Grenier-CA)(Trautschold-WI)  
 4975 0934 HJGA Ondas del Ortegaaza: LA vocals (-2 7/4 Meritz)(Jones-MS)  
 5010 0953 HJGX R. SurColumbia: SS many ID's vocal mx (323 7/10 Lentz-PA)(Meritz)  
 5075 1013 HJGC R. Sutatenza: SS nx many ID's (333 6/7 Routenburg-ONT)  
 5095 0925 HJGG R. Sutatenza: SS yl LA mx ID's (443 6/27 Reese-KA)(Hall-CA)  
 5961 0610 LV de los Centauros: SS Ballads and usual mx TC's ID's (444 5/29 Schipelliti)(Sparks-CA)(Routenburg-ONT)(Tannenwald-NY)

COLUMBIA

6000 0813 HJGB R. Super de Medellin: SS ID's TC's (444 6/15 Jones-MS)  
 6067 0737 HJAX R. Super: SS ID's TC's Colombian rhythms (454 6/29 Schipelliti-MA)  
 6115 \*0903 HJIA LV del Llano: SS mx Complete ID LA pop mx (453 Jones-MS)  
 6150 0850 HJFR LV del Huila: SS chimes ID's (333 6/10 Hamilton-CA)(Tannenwald-NY)  
 (Schipellitti-MA)  
 6160 0811 HJKJ Emiss. Nueva Granada: SS Ballads (444 6/29 Schipelliti-MA)(McCurdy-CA)  
 (Hamilton-CA)  
 6170 1030 HJKF LV de la Selva: pop mx ID (353 7/2 Sparks-CA)  
 6180 0445 HJOC R. Nacional: SS om LA mx (433 7/9 Reese-CA)  
 6185 0814 R. Bandeirantes: SS LA mx rooster crowing TC pip (353 6/29 Schipelliti-MA)  
 9655nf 2200 HJZM R. Dif. Nacional de Columbia: SS mx tx ID (322 6/23 Zilmer-WI)  
 15328 2300 HJZP R. Dif. Nacional de Columbia: SS tx classical mx //9655 (322 6/23  
 Zilmer-WI)

COSTA RICA

4832 0813 TIHB R. Reloj: SS LA mx ID's (444 6/20 Martin-CA)(Tannenwald-NY)  
 6006 0735 TIHB R. Reloj: SS LA mx tx (454 6/22 Hamilton-CA)(Yaiko-PA)(McCurdy-CA)  
 12012 0720 TIHB R. Reloj: LA mx ID NA mx (323 6/22 Hamilton-CA)

DOMIN. REP.

4850t 0240 HILR R. Clarin: SS classical mx (222 6/25 Trautshold-WI)  
 (Smith-FL)(Stuart-MA)(Peck-NY)(Brodsky-NY)(Tannenwald-NY)(McCurdy-CA)  
 4825 \*1000 HIFA LV de las Feur. Armadas: SS NA bugles and drums (322 6/17 Jones-MS)  
 11700 0100 HILR R. Clarin: SS many ID's vocals (444 6/17 Thompson-NM)(Zilmer-WI)  
 (McCurdy-CA)(Maghakian-NY)(Stone-ONT)(Somers-CA)(Klemens-NJ)(Heath-KY)  
 (Donly-SC)(Agner-NJ)(Routenburg-ONT)(Earhart-PA)(Gaede-CA)(Saxon-NY)  
 (Miller-CA) 15 reports

ECUADOR

3390 0426 HCOT1 R. Zaracay: SS LA pop chimes (343 6/13 Smith-FL)  
 3985 1050 HCE5 R. Escuelas R. Populares: folkloric mx ID's (343 6/11 Sparks-CA)  
 4680 0100 HCWE1 R. Nacional Espejo: SS nx tx mx IDs (433 6/16 Maghakian-NY)(Smith-FL)  
 4870 0142 HCGM7 R. Rio Amazonas: SS tx mx (-3 7/4 Meritz)(Agner-NY)  
 4960 0129 HCSE7 R. Federacion: SS mx IDs (433 6/23 Agner-NY)  
 5060 0308 R. Nacional Progreso: SS tx ID mx (443 6/16 Maghakian-NY)(Smith-FL)  
 9560 0230 HCJB La Voz de Andes: EE "DX Party Line" SPEEDX report (444 7/2 Arnold-CA)  
 (Bigelow-DE)(Smith-FL)(Grenier-CA)  
 9745 0752 HCJB La Voz de Andes: EE Religious program (222 7/12 McCurdy-CA)(Grenier-CA)  
 11835 0700 HCJB La Voz de Andes: EE Call of the Andes (454 6/3 Smith-FL)(Earhart-PA)  
 (Zilmer-WI)  
 11915 0512 HCJB La Voz de Andes: EE "Telling the Truth" (322 6/11 Smith-FL)(Noon\_IL)  
 (Odhner-PA)(Miller-CA)  
 11960 0439 HCJB La Voz de Andes: SS Classical mx (444 6/29 Gaede-CA)(Hamilton-CA)  
 15115 1233 HCJB La Voz de Andes: EE Morning in the Mountains (444/26 Miller-CA)  
 (544 6/9 Peck-NY)(Earhart-PA)(Corbishley-DE)(Grenier-CA)  
 15120 1700 HCJB La Voz de Andes: FF religious program (433 7/9 Zilmer-WI)  
 15295 0100 HCJB La Voz de Andes: PP tx mx EE ID //13885 (443 6/25 Zilmer-WI) ex 15300  
 15310 1700 HCJB La Voz de Andes: EE "DX Party Line" (454 6/27 Trautshold-WI)  
 (Odhner-PA)  
 15345 0000 HCJB La Voz de Andes: GG religious program (433 7/3 Somers-CA) Roger  
 Legge reports that 15345 replaces 15375 for the Japanese program  
 17755 2100 HCJB La Voz de Andes: Religious program in FF (545 6/20 Yohana-NJ)(Yaiko-PA)  
 (Earhart-PA)(Stone-ONT)(Smith-fl)(Willis-PA)

FRENCH GUIANA

3385 \*0900 FR3 Cayenne: FF pips IS ID mx (242 7/9 Jones-MS)

GUATEMALA

3300 0416 TGNA Radio Cultural: EE religious sermon freq's (222 6/22 Franck-VA)

HONDURUS

4820 0427 HRVC LV Evangelica: EE tx about Independence Day (323 7/5 Franck-VA)

MEXICO

6105 1225 XEQM Su Pantera: SS ads fiesta mx (343 6/26 Jones-MS)  
 6165 1138 XEWW LV de la America Latina: SS TV theme mx IDs (332 6/28 Jones-MS)  
 9515 0500\* XEWW LV de la America Latina: SS IDs sign-off (353 7/4 Sparks-CA)  
 15385 0350 XEMRX R. Mexico: SS light mx (555 6/27 Schipelliti-MA)

MONTSERRAT

126145 0940 DW: GG program //6085, much stronger 0950 sign-off (232 7/4 Legge-VA)  
 9590 1100 DW: SS tx and mx (422 6/20 Zilmer-WI)(Routenburg-ONT)



MONTSERRAT cont.

11970 1200 DM: GG freq and time schedule mx to NA organ mx (333 7/10 Zilmer-WI)  
 15215t 1230 BBC: EE Cricket match announced as beamed to Caribbean and Australia-NZ  
 test transmission? (443 7/9 Zilmer-WI)

NETH ANTILLES

6165 0125 R. Nederland: DD Dutch and Russian mx (4446/7 Stone-ONT)(0255 544 6/17  
 Yohana-NJ)(0609 444 6/22 Gaede-CA)  
 9570 0723 TWR: FP mx religious program (323 6/24 Miller-CA)  
 9715 0530 R. Nederland: EE "Whats New" (434 7 Grenier-CA)  
 9585 0420 R. Nederland: SS musical program (444 6/30 Gaede-CA)  
 9590 0339 R. Nederland: SS commentary (544 6/8 Dutkowski-BC)(Routenburg-ONT)(Hall-CA)  
 9630 0739 R. Nederland: EE "His and Hers" (444 7/12 McCurdy-CA)  
 9715 0545 R. Nederland: EE mx Parsons Penthouse (544 6/8 Dutkowski-BC)(Unruh-CA)  
 9770 0811 R. Nederland: DD commentary (433 7/12 McCurdy-CA)  
 11790 0139 R. Nederland: IS ID address mx (444 7/3 Kawchuk-SASK)  
 11925 0033 TWR: EE ID rel mx tx on drugs (444 7/4 Naylor-CA)(Routenburg-ONT)(Kelly-WI)  
 (Reese-KA)(Stone-ONT)(Miller-CA)(George-TX)  
 15190 1630 R. Neerland: EE/DD tx mx off at 1653 (444 7/4 Thompson-NM)  
 15255 1345 TWR: EE "Radio Bible Class" (444 6/5 Stone-ONT)(Grenier-CA)(Brodsky-NY)  
 (Miller-MA)  
 15420 2330 TWR: RR IS rel mx 454 6/19 Donly-SC)  
 15445 0025 TWR: FP rel mx (454 6/26 Klemens-NJ)(Earhart-PA)

PERU

4885 0435 OAX5X R. Huancavelica: SS ID TCs Andes mx on host (222 7/1 Routenburg-ONT)  
 4935v 0324 OAX9E R. Tropical: mx ID's folklore mx (-2 Moritz)  
 5970 0450 OBX4Q R. El Sol:SS IDslow ballads (323 7/1 Routenburg-ONT)(\*1026 343 6/25  
 Jones-MS)  
 5980 0605 OBX4M R. Panamerica: SS pop mx ID's ads (433 6/19 Routenburg-ONT)  
 6020 0955 OAX4Q R. Victoria: SS vocals mx (-2 7/4 Meritz)(Legge-VA)  
 6045 1052 OCY4H R. Santa Rosa: SS Rel mx ID's prayers (332 6/23 Sparks-CA)  
 9505 0150 OAX4V R. America: SC tx ads mx (-3 7/5 Meritz)

SURINAM

4780 0300 SRS: DD US pop mx sign-off at 0300 (322 7/10 Rogers-ME)(Agner-NJ)(Jones-MS)  
 (Brookwell-CA) Welcome back Larry. ed

URUGUAY

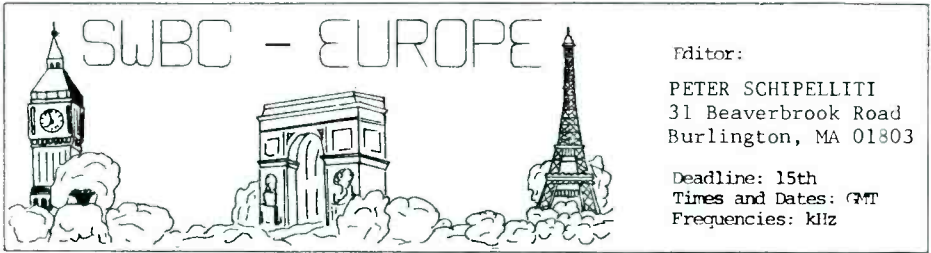
6045 0201 CXA61 R. Dif del Uruguay: SS ID ads mx mentions of Montevideo (232 6/25  
 Jones-MS)  
 15273 0118 CXAL4 S.O.D.R.E.: theme from Rocky and mentions of Uruguay (-3 6/14 Meritz)

UNITED STATES

5980 1030 KGEI: EE ID and "Haven of Rest" (444 7/13 McCurdy-CA)  
 6030 0800 AFRTS: EE news fed to Caribbean/Anartica (554 6/3 Unruh-CA)(Brodsky-NY)  
 6125 0545 VOA: EE/Slovak full ID at 0547 a program in Polish (555 7/11 Schipelliti-MA)  
 6160 0315 WYFR: EE Bible Quiz (433 6/20 Noon-IL)  
 9615 1324 KGEI: BS mx vocals (333 6/25 Gaede-CA)  
 9700 1203 AFRTS: EE CBS Radio Network ID followed by mx and commentary (232 6/26 Miller)  
 9715 0450 WYFR: SS program and tx (544 6/29 Mappin-WA) Try and include more details  
 next time. ed  
 9730 1345 VOA: EE tx about Isreal (333 7/3 Gaede-CA)  
 9755 0535 AFRTS:EE "News Call" (555 6/3 Unruh-CA)(Brodsky-NY)  
 11740 0045 VOA: EE mx under SS program to NA (322 7/8 Zilmer-WI)  
 11760 0559 AFRTS: EE Test tones ID CBS mx (444 6/28 McCurdy-CA)  
 11805 1950 WYFR: EE mx (555 6/2 Brodsky-NY) Try and include more details. ed  
 15100 1952 WYFR: EE "Sound for new Life" ID rel mx (544 6/21 Smith-FL)  
 15330 0315 AFRTS: EE Armed Forces mx (544 6/30 Yohana-NJ)  
 15410 1840 AFRTS: EE Baseball White Sox vs A's (555 6/18 Brodsky-NY)(Saxon-NY)  
 15410 1637 UN Radio: EE debate on aggression of S. African countries upon Mozambique  
 (555 6/30 Schipelliti-MA)

VENEZUELA

3275 0201 YVMC R. Mara: SS ID's ads pop mx (342 6/21 Jones-MS)  
 4770 0200 YVINW R. Bolivar: SS LA vocals ID (333 7/2 Yaiko-PA)(Tannenwald-NY)  
 4780 0342 YVLA IV de Carabobo: SS singing ID ads Venezuelan mx intense het (422 6/21 Jones)  
 4800 0342 YVHO R. Lara: SS LA mx (322 6/17 Hall-CA)(Tannenwald-NY)  
 4810 0335 YVMC R. Popular: LA mx TC's ID's (343 7/10 Rogers-ME)(1033 444 7/20 McCurdy-CA)  
 (Hall-CA)  
 4860 0545 YVQE R. Maracaibo: SS tx ID's LA mx (353 6/9 Peck-NY)(Brodsky-NY)(Tannenwald-NY)  
 (Hall-CA)  
 4900 1030 YVIN: R. Juventud: SS LA mx tx ads ID's (222 6/18 Tannenwald-NY)



Editor:

PETER SCHIPELLITI  
31 Beaverbrook Road  
Burlington, MA 01803

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

ALBANIA

- 6200 0151 R. Tirana: Economic tlk (434 6/30 Yajko-PA) 0130 (323 6/30 Sibus-NY)(433 6/26 Zilmer-WI)  
RT: OM w/Mx, 0030\* (342 7/9 Reese-KS)  
7065 0025 R. Peking Relay: Nx about Super Powers, Chinese Mx, ID (322 6/7 Stone-CANADA)  
7120 0110 RT: cmntry on 8th Congress of Trade Unions, Press rpts (444 6/25 Compton-MA)  
7300 \*0130 (444 6/21 Stone-CANADA)(433 6/27 Martin-CA)  
9480 2220 RT: Agricultural Development tlk, into FF at 2230 (222 6/27 Corbishley-DE)  
(343 6/5 Beaudoin-CT)  
9750 0025 RT: Political cmntry (333 7/2 Yajko-PA)(0530 TENTATIVE, w/OM tlk under severe jamming, No ID heard but did hear IS @ 0530 that sounded like theirs, 121 6/18 Trauttschold-WI)  
9780 0110 R. Peking Relay: Nx & cmntry (232 7/10 Saxon-NY)(353 5/28 Fowler-CANADA)(343 6/28 Thompson-NM)  
9790† 0020 RT: String Mx-Mandolin, YL tlking w/OM, This is the first time I've ever recorded reception on this freq. in 5 years of records. Calling Tent. since heard no ID, but NO question Tirana. ALBANIAN language (454 7/3 Earhart-PA) This does coincide w/ BBC MS Sked 94/77. 11st // 7300 & 6200 kHz. ps.  
11985 1534 RT: Nx & cmntry (343 6/13 Otaka-JAPAN) beamed to Africa. ps.

AUSTRIA

- 9770 0130 Osterreichischer Rundfunk (ORF): Rpt from Austria (422 6/24 Lobdell-MA)(353 6/12 Fowler-CANADA)(434 6/30 Yajko-PA)(333 6/19 Willis-PA)(333 Brodsky-NY)  
(0335 222 6/15 Bigelow-DE)(\*0000-GG, 444 6/19 Klemens-NJ) \*2300-GG, (444 6/16 Donly-SC) & (444 6/26 Corbishley-DE)  
15320 2000 ORF: GG, tlks & Classical Mx (342 6/3 Otaka-JAPAN)  
15410 0845 ORF: YL tlking about clothes, Mx (332 7/1 Bowers-TURKEY)  
15435 2200 ORF: GG, tlks, IS from 2155-2200 // 11895 poor, to S.Am (322 7/3 Zilmer-WI)

BELGIUM

- 9730 0026 Belgische Radio en Televisie (BRT): Organ Mx, & local Nx about Socialist Party (333 7/3 Earhart-PA)(333 6/12 Fowler-CANADA)(333 7/3 Romani-MI)(7/2 322 Yajko-PA)(433 6/29 Klemens-NJ)(433 7/9 Reese-KS)(243 7/11 Saxon-NY)  
11805 1729 BRT: FF, Drum IS, YL w/ID, OM w/tlks (333 7/9 Hall-CA)  
21460 0900 BRT: FF, Nx & Mx pgm (322 6/26 Otaka-JAPAN)



BULGARIA

- 7670 \*0400 R. Sofia: Greek?, Nx? (343 6/30 Maghakian-NY) BBC MS sked 90/77 shows this xmsn to indeed be Greek. this xmsn is beamed to Europe. ps.  
9530 0430 RS: Freq. 2 Time sked then into Nx to N.A. (422 7/3 Zilmer-WI) (IL)  
0318 R. Moscow via Plovdiv\*: "Moscow Mailbag" (333 6/20 Kelly-WI)(453 6/12 Noon)  
9700 1700 RS: Italian pgm; at 1730 pgm into GG, w/ Nx, cmntry & Mailbox pgm (545 6/27 Cabos-WEST GERMANY) this is beamed to Europe. ps.  
9705 0001 RS: Nx all about revolution & the USSR etc. Read by YL. Monitoring this for ANARC. (444 7/3 Earhart-PA)(343 6/11 Brodsky-NY)(323 7/11 Saxon-NY)(433 6/30 Yajko-PA)(534 6/6 Peck-NY)(322 7/3 Romani-MI)(333 6/19 Routenburg-CANADA)  
9745 2135 RS: World Nx & Bulgarian Nx (544 7/3 Brodsky-NY)/(11750-422; 432 7/2 Zilmer-WI)(333 7/4 Yajko-PA) this xmsn beamed to Great Britain & Ireland. ps.  
11750 2140 RS: Nx, Much QRM from BPC. (322 6/21 Sibus-NY)  
11870 0115 R. Moscow via Sofia\*: Mx request, Soviet Jazz recordings (444 6/15 Stone-CANADA)(444 7/5 Yohana-NJ)  
15305 2030 RS: Nx & cmntry (444 6/4 Otaka-JAPAN) BBC MS sked shows 15310. ps.

NOTE: ALL REPORTS ENGLISH UNLESS UNDERLINED OTHERWISE.

## CZECHOSLOVAKIA

5930 0144 R. Prague: DX pgm (333 5/16 Stone-CANADA)(0300 444 6/24 Odhner-PA)  
 7345 0100 RP: OM, YL, Nx, "Topics of the day", Folk recording session (333 7/2 Arnold-CA)(544 6/4 Brodsky-NY)(444 6/21 Noon-IL)(343 6/4 Link-CA)(332 7/7 Romani-MI)  
 9540 \*0100 RP: s/on & into pgm notes. //11990, 7345 (433 6/30 Yajko-PA)(322 6/19 Willis-PA); 0330 (343 7/11 Odhner-PA)(554 6/21 Brodsky-NY)  
 11990 0125 RP: cmntry, Mx, Winners in competition, Art in Czech. (343 6/11 Smith-FL)(544 6/1 Stone-CANADA)(444 6/21 Sibus-NY)(333 6/9 Somers-CA)(232 6/20 Kelly-WI); 0301 (444 6/17 Gadouas-VT)(444 7/3 Hall-CA)(333 6/15 Brodsky-NY); 1730 (433 7/4 Yajko-PA)(252 6/8 Peck-NY)  
 15110 1430 RP: Nx & cmntry (322 6/23 Otaka-JAPAN)  
 15395 0730 RP: Nx & Mx (344 6/30 Bowers-TURKEY)  
 17840 1430 RP: S/on w/ freqs. Nx to Asia (433 6/30 Maghikian-NY)

## DENMARK

15165 1930 R. Denmark: DANISH, Nx (343 6/25 Otaka-JAPAN)(1330 DANISH, w/EE ID, 353 6/9 Peck-NY)(1601 S/on in EE & DANISH, tlks, 222 6/20 Gadouas-Vt.)(\*1730 DANISH, 444 ??/ Maghikian-NY)

## FINLAND

11735NF 2300 R. Finland: S/on at 2300 in FINNISH, at 2330 into EE pgm to N.A.: This is a Test Freq. to replace 11755 as Per ANARC: (?? ?/? Zilmer-WI)(I tried this freq. tonight w/ the following results; SINPO-42433 This is not such a good freq. choice as there is much QRM. 2330-EE, 7/19 Schpelliti-MA)  
 11755 2340 RP: DX Nx w/Mxcal tunes between, DX Nx about IA stations. Gave Glenn Hauser a boost about his bulletin. (343 6/6 Earhart-PA)(211 6/12 Lobdell-MA)(232 6/25 Odhner-PA)(333 6/19 Agner-NJ)  
 15105 1300 RF: Nx, Wx in Finland, & Tourist Info (555 6/15 George-TX)(344 6/11 Beaudoin-CT)(433 6/20 Sibus-NY)(433 6/12 Earhart-PA)  
 15260 1300 RF: Nx & Sports pgm. (322 6/9 Otaka-JAPAN)(//15105; 322 6/25 Zilmer-WI)  
 15265 1900 RF: Sunday Letterbox pgm, Finnish Pops (322 6/12 Peck-NY)(344 6/12 Beaudoin-CT)

## FRANCE

7135F 0515 R. France International: w/FF GOS to Tunisia, OM & YL tlks w/Nx & cmntry, ID psbl as "Ici Rdf France..." buried under Ham QRM at 0530, into "Sir Duke" by Stevie Wonder, then more tlk at 0536 (222 6/11 Trautschold-WI)  
 7285 \*0500 RFI: FF, ID, tlks by OM, station address (333 7/2 Franck-VA)  
 11705 2118 RFI: FF, Mxcal pgm mostly vocal to 2125, then tlk by OM followed quickly by YL. QRM from R. Sweden @ 2128 (333 6/7 Earhart-PA)(0625-FF, 433 6/8 Dutkowski-CANADA)  
 11735 0615 RFI: FF, FF Mx, IDs @ 0625 & 0630, tlks about domestic politics (232 6/16 Hamilton-CA)  
 11745 1636 RFI: "Paris Calling Africa" (333 6/16 Pimblett-CANADA)  
 11845 1615 RFI: "Paris Calling Africa" (343 6/19 Lobdell-MA) CANADA  
 15135 0500 RFI: FF, ID w/Freqs. tlks & Mx (444 6/26 Maghikian-NY)(444 6/17 Pimblett-CA)  
 15155 1600 RFI: Nx, views & comments (444 6/12 Stone-CANADA)(0500-FF; //15315, 15200; 433 7/6 Dutkowski-CANADA)  
 15200 1606 RFI: ID, "PCA"--Nx & tlks (222 6/20 Gadouas-VT)(333 7/5 Somers-CA)(242 6/26 Corbishley-DE)(343 6/18 Fowler-CANADA)  
 15210 1625 RFI: "Paris Calling Africa" (343 7/5 Somers-CA)  
 15315 \*1600 RFI: "PCA" Nx, Spotlight on Africa (333 6/4 Heath-KY)(333 6/28 Noon-IL)  
 15355 2000 RFI: FF, Nx (434 6/25 Otaka-JAPAN)  
 15360 1800 RFI: FF w/GOS, OMs in disc w/Nx breaks, etc; some FF Mx. Haven't heard this freq. for a while and not always listed in RFI's sched (333 6/27 Trautschold-WI)  
 17720 1621 RFI: "PCA"--Mx & tlks (222 6/20 Gadouas-VT)(544 7/10 Carrier-FL) WI  
 (1330-FF, 555 6/9 Sibus-NY)  
 17720A 0920 RFI- Co-Operation Radiophonique: FF tlks abt Afr. (454 6/21 Cabos-W. Germany)  
 17850 1606 RFI: Nx & Mx (444 6/17 Brodsky-NY)  
 17860 1655 RFI: "PCA"--Interviews. EE S/off at 1656 (433 7/4 Yajko-PA)  
 21620 1601 RFI: EE ID, FF up to 1670 (142 6/30 Newell-CANADA)

## GERMANY (EAST)

6040 0090 R. Berlin International: SS, ID, freqs. Nx (322 7/11 Saxon-NY) ps.  
 7300 \*2130 RFI: GG22 tlks (343 6/15 Maghikian-NY) WRTH shows SWEDISH-xmsn, European svc.  
 9645 0130 RFI: SS, Nx to S. America (433 7/5 Yajko-PA)  
 9730 0100 RFI: ID, Nx & cmntry (444 6/12 Fowler-CANADA)(422 6/26 Reese-KS)(0426-GG, 333 6/? Dutkowski-CANADA)  
 11840 0401 RFI: OM, YL, Nx, cmntry & ltrbx pgm (332 6/29 Arnold-CA)(333 7/9 Pimblett-CANADA)(444 7/1 Corbishley-DE)  
 11890 0452 RFI: GG, tlk on Africa (343 7/3 Naylor-CA); 0330-0415 EE (Unruh-CA, Smith-MA, Ricci-CA, Maghikian-NY, Link-CA, Hamilton-CA, Grenier-CA, George-TX, Earhart-PA, & last but not least Rich Bigelow-DE)



GERMANY (WEST)

6010 0148 Deutsche Welle: s/off, request for letters (433 6/20 Kelly-WI)(2235-GG, 212 6/18 Gadouas-VT)  
 6030 0435 Sudddeutscher Rundfunk: GG, ID, Nx, GG pop Mx pgm (222 6/9 Routenburg-CANADA)  
 6075 0130 DW: Nx to N. America (544 7/3 Kelly-WI)  
 7265 2254 Sudwestfunk: GG, Mx, Nx at 2300 (332 6/19 Donly-SC)(0510 333 6/29 Gaede-CA)  
 9545 2215 DW: PP, tlks & casual conversation by 2 OM; to Brazil (434 7/3 Kawchuk-CANADA)  
 9700 0751 DW: DX pgm in GG & EE. (454 6/11 Smith-FL)  
 9765 2134 DW: Asian Svc. "MailBag" Pgm. (343 6/4 Fowler-CANADA)(0500 w/EE best of Nx & World cmntry, 0515 ID, into FF nx to Africa at 0516 333 6/18 Trautschold-WI)  
 11765 0549 DW: to WCNA-0550\*; \*0555-0605 IS & s/on to West Africa w/Nx (354-SIO-WCNA; 252-SIO-Africa 6/16 Hamilton-CA)(0620 333 7/1 Lobdell-MA)  
 11775 2245 DW: GG, Mx w/YL anncr (533 7/10 Dutkowski-CANADA)  
 11795 0408 DW: AA, Mx, ID, Nx by OM (253 7/4 Hamilton-CA)  
 11865 2355 DW: SS, SS Mx & ID (444 6/30 Mappin-WA)  
 11905 2026 DW: FF, IS ID, QRM w/Arabic station (322 6/28 Agner-NJ)  
 15135 1725 DW: tlk about OAU meetings, xmsn to Africa (333 7/4 Yajko-PA)  
 15150 1947 DW: cmntry, press conf. to Africa (444 7/4 Yajko-PA)(343 6/20 Trautschold-WI)(444 6/11 Beaudoin-CT)

GREAT BRITAIN

5975 0200 British Broadcasting Corporation: World Nx, tlks (343 6/18 Thompson-NM)  
 7130 0417 BBC: cmntry (333 6/28 Odhner-PA)  
 11945 \*0645 BBC: "EE br R. for listeners in Europe" 0700\* (322 7/9 Hamilton-CA)  
 11955 \*0538 BBC: Sarah Ward show, The World Today, to Aust/NZ; sked shows this freq. opening @ 0545, but it didn't - they just turned the transmitter on early, no tuning signal or anything. QRM-R.Moscow-11955 (434 7/5 Hamilton-CA)(0928 333 7/4 Gaede-CA)  
 12095 2031 BBC: Pop Mx (323 6/11 Smith-FL)(1744 333 7/9 Hall-CA)  
 15070 1450 BBC: "Sat. Sports Special" (343 6/4 Fowler-CANADA)(343 5/27 Newell-CANADA) (333 6/9 Smith-FL)(151 6/22 Hamilton-CA)  
 15365 1050 BBC: "The World Today" (333 7/5 Somers-CA)  
 18080 1222 BBC: CC, tlks by OM & YL (354 7/5 Yajko-PA)

GREECE

9530 1855 Voice of Greece: GRK, 1000 hz test signal/IS/ s/on at 1902, Nx in Greek. (242 6/14 Donly-SC)  
 9700 1550 VOA Kavala: usual tlks & interviews (252 6/27 Schipelliti-MA)  
 9720 0219 VOG: OM w/Nx, 0220-ID, Nx continued (444 6/27 Compton-MA)  
 9760 0020 VOG: Nx pgm (433 7/5 Yajko-PA)(0219 534 6/28 Miller-MA)  
 11730 0015 VOG: Nx to N. America, //9760 (443 6/23 Zilmer-WI)(544 6/28 George-TX)(544 6/4 Brodsky-NY)(333 6/25 Sibus-NY); 0215 (544 6/13 Peck-NY)(333 7/2 Yajko-PA)  
 11925 0430 VOA Kavala: "Breakfast Show" (433 6/5 Ricci-CA)

HUNGARY

7200 2130 R. Budapest: Nx, Mx & tlks (444 6/11 Cabos-W. GERMANY) NOW using 7215 instead.  
 9585 0224 RB: Many station skeds (333 7/1 Corbishley-DE)(333 6/29 Willis-PA); ps.  
 0320 (333 6/19 Routenburg-CANADA)(444 6/17 Gadouas-VT)  
 11910 0400 RB: Calling DX'ers (434 6/29 Grenier-CA)(2138 333 7/4 Yajko-PA); 0150 (344 6/30 Yajko-PA, 444 6/1 Stone-CANADA, 433 6/29 Kelly-WI); 0300 (222 7/1 Arnold-CA, 343 6/15 Brodsky-NY, 444 6/29 Thompson-NM, 444 6/15 Link-CA)  
 15160 1203 RB: YL w/annts & Pop Mx (322 6/20 Lobdell-MA) not transmitted Sa. & Su.,ps.  
 15225 0219 RB: OM w/ pgm on Hungarian folk instruments (444 6/15 Brigham-IL)(434 7/5 Yajko-PA)(444 6/10 Stone-CANADA)  
 17715 1030 RB: Nx, comment & Mx request (443 6/4 Otaka-JAPAN)  
 17780 2130 RB: Nx, cmntry & DX pgm (332 7/3 Zilmer-WI)

ITALY

9575 0104 Radiotelevisione Italiana: tlk about Education // 11810 (333 6/30 Yajko-PA) (433 6/6 Grenier-CA)(233 7/11 Saxon-NY)  
 9710 0235 RAI: ITALIAN/SS Mx, Ital. to 0305, into SS at 0306, IDs (544 7/4 Miller-MA)  
 11800 1946 RAI: cmntry & Mx (333 6/25 Odhner-PA)(2000-unid. lang. 332 6/4 Otaka-JAPAN)  
 11810 0100 RAI: Nx (333 6/19 Smith-OH)(333 7/2 Franck-WA, 434 6/18 Sibus-NY, 242 6/13 Kelly-WI, 554 6/9 Brodsky-NY)(0310-SS, QRM-PolishR.-11815 444 6/21 Hamilton-RAI: SOMALIA, Lang. as per WIRTH, tlks & lt Mx (353 6/11 Maghakian-NY) CA) (0430-ITALIAN, at 0435 IS, ID into Ital. pgm. (??? 6/25 Hauser-TN)

LUXEMBOURG

6090 0100 R. Luxembourg: Rock Mx & comments about Rock Groups (444 6/6 Peck-NY)(323 7/11 Saxon-NY)(333 6/30 Yajko-PA)(2151-GG, 433 6/18 Gadouas-VT)  
 15350 0125 RL: FF, EE Pop Tunes, FF songs, OM anncr. (444 6/12 Beaudoin-CT)

NOTE: ALL REPORTS ENGLISH UNLESS UNDERLINED OTHERWISE.



MALTA

6130m 0130 Deutsche Welle Relay: OM anncr, Nx, "Current Affairs" 0150\* (544 7/6  
Carrier-FL)(444 6/26 Thompson-NM)  
9565m 0142 DW: Nx & cmntry 0150\* (433 6/21 Carrier-FL)  
9590 0130 DW: ID as MALTA RELAY w/ freqs. given then into Nx (422 6/28 Zilmer-WI)  
What Gives?? I thought 9590 from 0130-0150 GMT was Montserrat.

MILVERSUM HOLLAND

P.O. BOX 222

NETHERLANDS

9715 \*2130 R. Nederland: DX Nx--Communications lesson on "Scatter"--Tech. Quest. & Ansvers.  
(444 6/9 Sibus-NY)(444 6/17 Bigelow-DE)(333 7/4 Thompson-NM) To ECNA. ps.  
11730 \*1830 RN: IS then Nx (433 6/23 Agner-NJ)(242 7/5 Pimblett-CANADA) To Afr. & Eur.  
2130 RN: "Sat. Show" w/ Nevil Gray, Nx (353 6/4 Unruh-CA)(333 6/19 Naylor-CA)  
(545 6/16 Sibus-NY)  
11950 2130 RN: SS, SS version of "Happy Station" (222 7/3 Grenier-CA) To N.A. ps.  
17700 1831 RN: Nx (343 6/30 Pimblett-CANADA)(333 6/23 Agner-NJ)

NORWAY

11860 0202 R. Norway: Discussing Newspapers' pros & cons of them becoming a tool of  
the government. (433 6/13 Earhart-PA)(433 6/30 Stone-CANADA)(0000 422 7/4  
Zilmer-WI)  
11935 \*1800 RN: tlks about Norway (323 7/10 Saxon-NY) To Eur. & N.A. ps.  
15175 1605 RN: Nx, cmntry & "Norway this Week" (433 6/12 B.Miller-CA)(Newell-CANADA,  
Trautschold-WI, Donly-SC, McDonald-HI, Corbishley-DE, Miller-MA, Peck-NY,  
Sibus-NY, Brodsky-NY) Informative list of R.N. sked, May issue p. 32. ps.

POLAND

6095 0200 Polish R.: Polish Mx, Nx at 0205 (?? ? Zilmer-WI)(221 6/10 Maghakian-NY)  
7270 0200 PR: Pgm notes & freqs. //11815, 9525, 6095 (333 7/5 Yajko-PA)  
11815 0300 PR: ID, Nx by OM, cmntry, Book Fair in Poland, Sports (333 5/31 Onken-IL)  
(Perry-CANADA, Brigham-IL, Klemens-NJ, Arnold-CA, Hamilton-CA, Naylor-CA,  
Heath-KY, Franck-VA, & Pimblett-CANADA) A very popular freq. indeed! ps.  
15120 1309 PR: POLISH Nx broadcast for seamen (333 6/28 Schipellitti-MA); 0210 (444 6/15  
Peck-NY)(353 6/10 Maghakian-NY); 0300 (232 6/26 Heath-KY)

POLSKIE RADIO

00-950 Warszawa, Box 46

PORTUGAL

11840 \*2230 R. Portugal: PP, Mx to Brazil (443 6/27 Maghakian-NY)  
11935 0300 RP: S/on w/chimes, anthem. To N.A. (444 7/7/77 Lobdell-MA)(454 6/5 George-TX)  
(444 6/27 Grenier-CA)(333 6/23 Somers-CA)(322 6/2 Link-CA); 1850-PP, 343 6/19  
Maghakian-NY)

ROMANIA

5990 \*0130 R. Bucharest: Nx then Sports rpt (222 7/11 Saxon-NY)  
9510 0220 RB: Tourist Nx (444 6/15 Bigelow-DE)  
9570 0147 RB: tlk about common market (444 7/2 Yajko-PA)(332 6/18 Gadouas-VT)(343 6/22  
Willis-PA); 2330-ROMANIAN (433 6/11 Peck-NY)  
11940 2120 RB: tlks about Romania (333 7/9 Jechenthal-IL)(1930 332 6/11 Otaka-JAPAN)  
(2000 444 6/26 Klemens-NJ)(2200 322 6/22 Willis-PA)(1945 444 6/14 Donly-SC)  
(1957 333 7/1 Yajko-PA)(2000 433 6/20 Sibus-NY)

SPAIN

6065 0339 R. Nacional de Espana: tlk on Spanish government (333 6/18 Bigelow-DE)(333  
6/22 Hamilton-CA)(333 6/30 Yajko-PA)(433 6/21 Brodsky-NY)(433 6/26 Zilmer-WI)  
9360 0030 RNE: SS,IDS, Time pips, Nx, vocals (444 7/7 Thompson-NM)(444 7/4 Kawchuk-  
11730 0645 RNE: Special Election Coverage pgm, election results anncd every CANADA)  
few minutes, w/Spanish Mx (253 6/16 Hamilton-CA)  
11755 2200 RNE: SS, Nx & tlks w/Mx (222 7/3 Grenier-CA); 0410-SS (354 6/24 Trautschold-  
WI)(444 6/16 Hamilton-CA)  
11880 0300 RNE: Nx & comments (545 6/6 Ricci-CA)(Kelly-WI, Lobdell-MA, Gaede-CA, Hall-CA,  
Naylor-CA, Corbishley-DE, Yajko-PA, Sibus-NY, Pimblett-CANADA, Stone-CANADA,  
Grenier-CA, Link-CA, Arnold-CA, Somers-CA, Unruh-CA, Hamilton-CA, McDonald-  
HI, Thompson-NM, Yohana-NJ) That's 31.25 % of all contributors this month! ps.  
11920 1933 RNE: SS, Panorama (342 6/4 Otaka-JAPAN)

SWEDEN

6120 2305 R. Sweden: tlks & reports (322 7/5 Romani-WI)(Gadouas-VT)(Agner-NJ)  
9695 2305 RS: Nx, "Mailbag" pgm (433 6/19 Routenburg-CANADA)(Saxon-NY)(Gadouas-VT);  
2100 (433 6/18 Agner-NJ); 0230 (McDonald-HI, Dutkowski-CANADA, Grenier-CA,  
Kelly-WI, Hamilton-CA, Thompson-NM, Willis-PA)  
11705 0230 RS: Nx & tlks (444 6/13 Smith-MA)(Pimblett-CANADA, Earhart-PA); 2300 (Donly-  
SC, Sibus-NY, Gadouas-VT, Earhart-PA); 0027-PP? (Naylor-CA)  
11845 2100 RS: "Week that Was", letters (333 6/5 Beaudoin-CT)  
11905 0030 RS: (Kelly-WI, Sibus-NY, Ricci-CA, Reese-KS, Yajko-PA, Somers-CA, Stone-CANADA,  
Arnold-CA, Brodsky-NY, Earhart-PA, & George-TX)

SWITZERLAND

6045 \*0130 Swiss Broadcasting Corporation: "Dateline" To WCNA (443 6/14 Smith-FL)  
 6135 0200 SBC: tlks about U.N. (323 7/11 Saxon-NY)  
 9725 \*0145 SBC: //5965, 6135, 11715 (434 6/30 Yajko-PA)(6/24 Reese-KS)(7/7 Carrier-FL)  
 (6/28 Thompson-NY)(6/20 Hamilton-CA)(7/6 Dutkowski-CANADA)  
 15140 1323 SBC: DX pgm //15430 (344 6/11 Beaudoin-CT)(333 6/25 Sibus-NY)(412 6/21 Carrier-FL)(333 6/25 Fowler-CANADA)(343 7/2 Earhart-PA)  
 15305 \*0700 SBC: "Dateline" (454 7/4 Heath-KY)(Unruh-CA)(Otaka-JAPAN); 0900 (Carrier-FL)  
 (Bowers-TURKEY); 2100 (Noon-IL)(Zilmer-WI); 0000-FF, (Earhart-PA)  
 17830 0720 SBC: tlk about cigarettes, Mx (344 7/4 Bowers-TURKEY)  
 17840 0900 SBC: Nx & Shortwave Merry go Round (432 6/11 Otaka-JAPAN)

UNION OF SOVIET SOCIALIST REPUBLICSEUROPEAN RSFSR & UNDETERMINED SITES

7150 0031 R. Kiev via SERPUKHOV\*: Nx, Panorama (545 6/21 Donly-SC)(554 7/1 Brodsky-NY)  
 7390 2150 R. Moscow via MOSCOW\*: Moscow Mailbag (444 6/26 Stone-CANADA)(6/4 Smith-FL)  
 9610 2310 R. Vilnius: tlk about Soviet Politics (323 7/4 Yajko-PA)  
 R. Kiev: "Ukrainian Panorama" (444 6/15 Bigelow-DE)  
 9720 2330 R. Rodina: RR, ID, YL & OM, Mx (444 6/13 Smith-FL) NJ  
 2300 R. Vilnius: Nx, interviews (434 6/3 Sibus-NY)(6/13 Smith-FL)(6/22 Klemens-  
 0036 R. Kiev: cmntry, Mailbag (443 6/5 Smith-FL)(544 6/29 Klemens-NJ)(444 7/2  
 Yajko-PA)(423 6/7 Stone-CANADA)(343 7/5 Kelly-WI)  
 12000 2130 R. Moscow via TULA\*: Nx to Africa (343 6/19 Brodsky-NY)  
 15180 2300 R. Vilnius: Nx, Opera type Mx (454 6/25 McDonald-HI)(333 6/28 Zilmer-WI)  
 0030 R. Kiev: Nx, Mx, cmntry & tlks (212 6/23 Miller-CA)  
 15185 1230 R. Station Peace & Progress: Nx (343 6/25 Beaudoin-CT)  
 15295 1230 R. Station Peace & Progress: Nx, Mx & cmntry (333 6/25 Zilmer-WI)  
 15425 0315 R. Kiev: Calling DX'ers & Hams (242 6/21 Lobdell-MA)(??? ?? Link-CA)  
 15480 2042 R. Moscow: "People & Events" (443 6/10 Smith-FL)Sked shows 15490 thus TULA.\*  
 15500 1300 R. Station Peace & Progress: "Roundup of Events" cmntry (6/30 Bowers-TURKEY)  
 17885 1340 R. Moscow: Nx, cmntry (454 6/28 Schipelliti-MA)(544 6/7 Smith-FL)

UKRAINIAN SSR

9600 0315 R. Moscow via NIKOLAYEV\*: "Moscow Mailbag" (333 6/19 Routenburg-CANADA)(444  
 6/7 Smith-FL) FL  
 9665 2250 R. Moscow via VINNITSA\*: Nx, tlk on Fed. structure of USSR (333 6/6 Smith-  
 11765 2300 R. Vilnius: Nx & cmntry (444 6/27 George-TX) Sked shows 11770 thus KIEV\*. ps.  
 11850 0012 R. Moscow via SIMFEROPOL\*: cmntry, DX pgm (454 7/1 Compton-PA)(333 5/23  
 Brigham-IL)(423 6/12 Stone-CANADA)(454 6/27 Smith-FL)

\*\*suggested sites by editor and/or UHN.\* All reports ENGLISH unless otherwise indicated. NOTE

VATICAN

NOTE: Vatican Radio is testing on 11800 @ 0000-0130 during August.

5995 \*0100 Vatican Radio: Religious Nx (343 6/7 Brodsky-NY)  
 9605 0107 Vatican Radio: Religious tlk about Catholic Education in the U.S. (423 6/30  
 Yajko-PA)(322 7/8 Lobdell-MA)  
 11700 0101 Vatican Radio: Religious tlks about saints (444 7/2 Yajko-PA)(444 6/11  
 Thompson-NM)  
 11705 2110 Vatican Radio: Religious Nx (332 7/4 Zilmer-WI)  
 17840 1125 Vatican Radio: tlk about European communism (444 7/5 Yajko-PA)

YUGOSLAVIA

9620 2200 R. Belgrade: Nx (344 6/19 W. GERMANY)(332 6/9 Earhart-PA)(433 6/8 Peck-NY)  
 (322 7/4 Yajko-PA)(333 6/26 Reese-KS)

UNIDENTIFIED

9770 0445 (ORF, Austria maybe?) 0445, heavy jamming on this channel; could hear some  
 OM & YL tlking coming through along w/ jazz or pop Mx - mostly unintelligible.  
 Who might be getting jammed here? (??? 6/18 Trautschold-WI)

11990 1103 Russia: RR, misc. Mx but mostly piano solos of classical type. YL annrc  
 seldom broke in. (454 7/2 Earhart-PA)

\*\*\*\*\*

64 contributors this month!

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NETHERLANDS

According to recent announcements in R.N. external svc. broadcast in EE,  
 from 6th November the xmsn time of each programme will be reduced from one  
 hour 20 minutes to 50 minutes.

\*\*PLEASE NOTE\*\* At least 60% of all loggings I recvd this month were uncut. I do not mind  
 cutting a few up but if everybody sends me uncut loggings this really slows me down. I had  
 to spend a few hours in the middle of this 'Heat Wave' breaking in my scissors. Please help.  
 \*\* I will be at the N-U Convention in Columbus, Ohio August 12-13-14. Hope to have a good time.  
 Special thanks to Fran Hart for letting me borrow his SPR-4 for the Bad Guys meeting on 6/26.

73's  
 Peter

# SWBC DX - AFRICA



DEADLINE: 15th  
TIMES & DATES GMT  
FREQUENCIES kHz

WAYNE OLIVER  
P. O. BOX 355  
PLAISTOW, NH 03865

## ANGOLA

3375 0522 Radio Nacional de Angola: pop mx, ??? lang, (211 6/23 Brigham-IL)

## ASCENSION ISLAND

7105 0504 BBC Atlantic Relay: EE nx, ID (222 6/17 Hall-CA)  
7270 0700\* BBC: EE w/World Service "Record Requests" pgm,s/off (544 7/10 Hamilton-CA)(323 0506 6/17 Hall-CA)  
9600 0730 BBC: African Service w/ "Network Africa" (222 7/8 Hamilton-CA)  
9765 0225 BBC: w/LA Service in SS (444 6/27 Gaede-CA)  
11740 1350 BBC: w/EE mystery play (534 6/16 Dutkowski-BC)  
11860 \*0726 BBC: w/IS, ID as BBC WS to Africa (443 6/25 Smith-FLA)  
15260 2315 BBC: w/World Radio Club, 2330\* in EE (452 6/8 Unruh-CA)  
15400 1304 BBC: EE nx w/ID (433 6/26 Agner-NJ)

## BENIN

4870 0520 La Voix de la Revolution Beninoise: FF w/Political Comments (434 6/14 Brigham-IL)(343 2200 FF ID 6/11 Beaudoin-Conn) (0030 FF 6/30 Yajko-PA)(444 2330 7/5 Rogers-ME) (354 FF at 0515 6/24 Trautschold-WI)

## BOTSWANA

3356(T)0600 Radio Botswana: tlk in ??? before 0600, EE after, afro choral mx (232 6/29 Peck-NY) Most likely station-wlo

## CHAD

4904.5M 0450 Radiodiffusion Nationale Tchadienne: Vern. ID ● 0500 (222 7/11 Brigham-IL)(343 0441 FF 7/9 Schipelliti-MA) Is this FF or???; Isuspect this to be FF! Check languages! wlo

## CONGO, PEOPLE'S REPUBLIC OF

4765 0045 Radiodiffusion Television Congolaise: FF w/ID, s/off 0334 (?????? Rogers-ME) Remember to include date and SIO with every logging, John! wlo. (242 2215 FF 6/11 Beaudoin-CONN) (353 2218 FF 6/12 Earhart-PA)(333 0020 FF 7/2 Yajko-PA)  
15190 2100 RTC: French version of Everly Brothers 'Dream' (333 6/25 Klemens-NJ)(222 1723 6/28 FF Brookwell-CA) (343 2137 w/EE nx 6/10 Lobdell-MA)(332 2129 EE nx 7/11 Eaton-WI)(333 2244 FF 6/30 Smith-FLA)

## EGYPT

7120 0257 Radio Cairo: w/EE to NA, only heard for two minutes while Tirana off the air. (333 6/6 Lobdell-MA)(312 0318 EE nx 6/10 Hamilton-CA)(353 0255 EE 6/6 Heath-KY)  
9425 \*0200 RC: mideast mx, EE (ID???) (443 6/24 Reese-KS)  
9475 0205 RC: EE ID into 'Egyptian Drums' (344 6/19 Willis-PA) (444 0200 EE 7/11 Odhner-PA)(333 0300 EE 6/9 Ricci-CA) (333 0330\* EE into AA 6/10 Hamilton-CA)(434 0227 EE nx 7/2 Yajko-PA)(444 0220 EE nx 6/16 Stone-ONT)  
9805 2250 RC: EE ID, folk mx (322 7/5 Romani-MI)  
9850 0425 RC: AA tlks, 0430 IS then mx. (354 0430 6/18 Trautschold-WI) (433 0309 AA 7/1 Naylor-CA)  
11715 0201 RC: FF under Swiss BC (322 6/26 Magahakian-NY)  
12005 1835 RC: AA chants (343 6/19 Magahakian-NY)  
15210 2155 RC: AA/EE w/EE ID at 2155 (243 6/26 Trautschold-WI)  
17920 1343 RC: EE nx to SEA (252 6/28 Schipelliti-MA)

ETHIOPIA

6015 1630 Voice of Revolutionary Ethiopia: EE nx,mx (Shreedhar-INDIA)  
 6185 1624 Radio Ethiopia: Amharic ID at 1630 (222 6/24 Junqua-JAPAN)  
 7180 1604 V. of Rev. Ethiopia: Amharic tlks (222 6/24 Junqua-Japan)

GHANA

4915 0540 Ghana Broadcasting Corporation 1: tlks in ??? (ID???wlo)  
 (353 6/12 Peck-NY)(323 0530 EE s/on 6/2 Lobdell-MA)  
 (333 2250 EE nx 7/4 Yajko-PA)(252 0600 EE ID 7/4 Heath-KY)  
 4980T 2235 GBC 2: EE tlks, UTE QRM (332 6/12 Earhart-PA)  
 6130 2245 Radio Ghana: EE ID, nx 2300\* (322 6/14 Lobdell-MA) Ed. Note:  
 This is the only frequency currently being used for Ghana's  
 External Service. wlo

GUINEA

7124.IM 0702 Radiodiffusion Nationale: FF ID (433 6/10 Zimarowski-MA)

IVORY COAST

4940 2255 Radiodiffusion Television Ivoirienne: FF tlks (343 7/4  
 Yajko-PA)

LIBERIA

4770 0630 ELWA: EE rlg. pgms. (333 6/30 Martin-CA)  
 7280 0730\* VOA: EE to Africa, nx 0700 (554 7/4 Hamilton-CA)  
 15400 0255 VOA: EE s/off 0300 (222 6/27 Gaede-CA)

MALAGASY REPUBLIC

11730 2010 Radio Nederland: EE w/ 'Happy Station' (433 6/26 Stone-  
 Ontario)(343 2050 EE 7/2 Romani-WI)  
 21800 \*1800 RN: EE nx (232 6/22 Smith-FLA)

MOROCCO

7295 0458 VOA: EE nx,mx,ID (222 6/17 Hall-CA)  
 9540 0345 VOA: EE mx (433 6/8 Dutkowski-BC)  
 9615 2215 Radiodiffusion Television Marocaine: tlks. in ??? (ID ???)  
 (232 6/12 Peck-NY)  
 15360 1640 RTVM: AA tlks. and mx (343 6/7 Cabos-W. Germany)(433 1248  
 AA tlks 6/29 Agner-NJ)

MOZAMBIQUE

3210 0330 Radio Mozambique: PP rock and roll mx 0400-nx (333 6/14  
 Smith-MA)  
 4815T 0535 RM: Vernacular tlks. (444 6/14 Agner-NJ)

NIGER

5080T 0550 Office Radiodiffusion Television Niger: ???language w/ drum  
 mx. Heavy QRM (312 6/15 Agner-NJ) NF???-ed. wlo

NIGERIA

3204.3M\*0500 Nigerian Broadcasting Corporation: (Ibadan) IS, ???Lang.  
 (211 6/23 Brigham-IL)  
 4932 2226 NBC: (Benin) EE ID (322 6/11 Beaudoin-Conn)  
 4990 \*0430 NBC: (Lagos) IS, EE nx (232 6/25 Peck-NY)  
 5965 \*0500 NBC: (Jos) s/on, EE ID (322 6/14 Zimarowski-MA)  
 6090 0513 NBC: (Kaduna) EE tlks. (222 ??? Brookwell-CA) Date Larry???  
 7275 0600 NBC: (External Service at Lagos) EE ID (534 7/4 Hamilton-CA)  
 15120 0630 Voice of Nigeria: EE nx, ID, TC (353 7/4 Heath- KY)  
 (353 0708 EE 6/10. // 7275 Zimarowski-MA)

RHODESIA

3396 0410 Rhodesian Broadcasting Corporation: EE ID, tlks (311 6/23  
 Martin-CA)(121 0415 EE w/ Rock&Roll mx. 6/14 Smith-MA)



RWANDA

7225 0445 Deutsche Welle: (Kigali) EE w/African Service (222 6/17 Hall-CA)  
 15410 1315 DW: FF ID, nx (344 6/11 Beaudoin-CONN) BBCMS Confirms this site/time/lang per Zilmer, wlo. (343 1220 EE // 17765 Zilmer-WI)(353 (tent.) 2326 GG 7/2 Earhart-PA)  
 17765 \*1200 DW: EE ID, nx (343 6/27 Beaudoin-Conn)  
 21540 0940 DW: EE nx to AustralAsia (544 6/19 Shreedhar-INDIA)

SAO TOME E PRINCIPE

4806.5 2200 Radio Nacional: PP nx, ID (242 6/21 Cabos-W. Germany)

SEYCHELLES

11755 0307 Far East Broadcasting Association: IS, 0310 s/on ??? lang. (444 7/1 Magahakian-NY) NOTE: BBCMS reports this station is back on the air after several days off, because of supposed 'security' problems. wlo.  
 11800 0356 FEBA: EE s/on 0400 (333 7/1 Magahakian-NY)(333 0355EE Peck-NY)  
 11900 0436 FEBA: EE s/off (444 7/9 Donly-SC)(333 0350 AA 6/30 Zimarowski-MA)  
 15270 0700 FEBA: EE nx, 'Roundabout' pgm. (322 6/30 Bowers-Turkey)

SOMALIA

9585 1920 Radio Mogadishu: AA tlks and Somalian folk mx(333 6/17 Peck-NY) Martin, please list as tentative if no ID heard, or other features are proof positive of reception. wlo

SOUTH AFRICA

3965 0500 SABC: EE nx (212 6/29 Hamilton-CA)  
 3980 0047 SABC: EE ID, mx(444 6/25 Schipelliti-MA)(0505 312 Hamilton-CA)  
 5980 2230 Radio RSA: EE ID, nx (343 6/24 Odhner-PA)(333 2250EE 7/10 Saxon-NY)  
 7185 0528 SABC: EE world nx at 0530 (242 6/22 Hamilton-CA)  
 7270 0449 R. RSA: EE w/IS, ID (222 6/17 Hall-CA)  
 7285 0602 SABC: EE nx, wx (232 6/22 Hamilton-CA)  
 9585 \*2228 R. RSA: EE ID, TC, nx (323 6/23 Smith-FLA)(333 2240 EE 6/20 Miller-CA)  
 11900 1300 R. RSA: EE ID, nx, mx (333 6/24 Miller-CA)(444 0600 EE nx 6/13 Ricci-CA)(444 0648 EE 6/28 McCurdy-CA)(555 0558 EE to W. Africa //15220 7/11 Schipelliti-MA)(544 2245 EE 7/2 Arnold-CA)(344 1600 EE 6/20 Shreedhar-INDIA)(544 \*0600 EE 6/12 Brodsky-NY)(422 0615 EE 6/12 Hamilton-CA)  
 15220 \*0200 R. RSA: EE nx on terrorism in Rhodesia, to West Africa (343 6/28 Peck-NY)(454 0530 PF 6/26 Trautschold-WI)  
 15225 1300 R. RSA: EE mailbag in African Service (Beaudoin-CONN)  
 17780 \*0559 R. RSA: EE nx.//11900&15220 (454 7/1 Magahakian-NY) (353 0558 s/on 7/4 Heath-KY)  
 21535 1100-1600 R.RSA: EE rptd. by Smith-FLA, Lobdell-MA, Miller-MA, Brodsky-NY,

SWAZILAND

4980 0550 Swazi Commercial Radio: EE/Vern pgm. Pop mx. (433 6/19 Agner-NJ)  
 11715NF\*0515 Trans World Radio: Bell IS, under Swiss BC, TWR ID (322 6/26 McCurdy-CA)

TANZANIA

9685 0445 Radio Tanzania: EE tlks, ID 0500\*, //15435 (232 6/7 Bodell-OREGON)

TOGO

5047 0630 Radiodiffusion du Togo: FF tlks, mx (322 7/3 Martin-CA) (222 0545 FF //7265 7/6 Wilson-CA)  
 7265 0607 R. Togo: FF tlks. //5047 (343 6/12 Lobdell-MA)

TUNISIA  
7275 0424 Radiodiffusion Television Tunisienne: AA songs, speeches  
ID at 0500 (322 6/16 Lobdell-MA)

UGANDA  
15325 \*1800 Ugandan Broadcasting Corporation: EE ID, FCI co-channel QRM  
(323 6/26 Heath-KY) (3221603 EE 7/9 Zimarowski-MA)

FLASH-----FLASH-----FLASH-----FLASH

Shortly after 1600 on 6th May a programme of western pop music with English announcements was intercepted on 6205 khz. Reception initially was very poor, but improved later. In the course of the broadcast the following announcement was made in English: "You are in tune with a test transmission to be heard on 773 and VHF/FM 90MHz and also the 49 metre shortwave band on 6205 khz. This test transmission will continue until 1 o'clock this morning". (Ed. note: The transmission I monitored in May also listed 9810 khz. w/o) The station closed at 2300 with the announcement "We now conclude this test transmission for the moment. We hope to join you again tonight at 8 o'clock."  
On 28th June a similar musical programme was heard in progress on 6205 khz. This continued until 1630 when the station identified itself as "The Socialist People's Libyan Arab Jamahiriyah Broadcasting Corporation". Thereafter the programme, which was in English, included a news bulletin followed by a press review at 1730-1735. The transmitter went off the air just after 1745, but returned at 1756 with a programme of unannounced music. A time check at 1727 said 'the time in Tripoli is 7:27'.  
BBCMS Also notes: According to unofficial reports earlier this year the radio-ship 'Mebo II', which at one time was operating off the Dutch coast as 'Radio Nordzee', had sailed for Libya after being equipped with new transmitters. 'Radio Nordzee's theme tune, 'Man of Action,' was also used during the test transmissions observed on 6205 khz.

(BBCMS)

(This adds another piece to the puzzle of that mysterious station on 6205!!!)

CAMEROON- Radio Yaounde's domestic service programme has been observed on a new frequency of 5105khz. This is in parallel with 4972.5.  
(BBCMS)

ANGOLA- It is now reported that Angola now transmits 24 hrs/day in PP on 7245 - 4820 - 3375 khz.

(BBCMS)

UGANDA- The old Blue Channel Service is now reported back to normal on 5026 khz. Reports are being solicited on this service.

(BBCMS)

RHODESIA- Gwelo's new schedule shows EE on: 6020: 0800-1400; 5012: 0545-1545; 3396: 0350-0615; 2425: 0350-0445.

(BBCMS)

I would like to thank the 54 reporters this month and hope you all will continue to support, the Africa column. I would like to extend my sincere appreciation for help with my first edition to Ollie Ellsworth, who smoothed the transition, and to Ralph Famularo and Pete Schipelliti who gave me an 'editor's viewpoint! On behalf of SPEEDX and myself, Ralph, I would like to thank you for the excellent job you have done for the last year, and wish you success in school this fall.

A little room here, to tell you a little about myself. I'm 20 yrs. old, a Senior at the University of New Hampshire, majoring in Political Science and Business Administration, and will be getting married next year. In response to the many requests for my attendance at BAD Guy's meetings, I've been trying for months to get free on meeting days, but I promise I will make one very soon, if at all possible! And as always, if you want to write don't hesitate....I enjoy hearing from and writing to everyone....

Wayne 73's

# ASIA-OCEANIA

BOB BODELL - EDITOR  
 5230 S.E. 48th AVE  
 PORTLAND, OR 97206  
 (503) 771-8804  
 DEADLINE: 15<sup>th</sup> of the month



## ASIA

FREQ   TIME   SIO   LOCATION

AFGHANISTAN

15230 1131 322 SC RA: EE w/ pop mx, ID, tlk, local mx, 1200\* (Donly 7/9)  
 (Zimarowski MA)

BRUNEI

7215 1115 333 INDIA RB: Gurkha svce, Ind. film mx (Shreedhar 6/15)(EE @  
 1300 Martin CA)

CAMBODIA

4907 1150 534 CA DCR: Khmer mx, tlk, ID @ 1200 (Martin 6/25)  
 11938t 0930 444 CA DCR: Khmer? tlk (Wade Smith 7/8)(Woody Smith TN)

CHINA

3310 1218 554 JPN Changchun: CC tlk by XYL (Oriyama 6/25) Jilin JKT  
 3340 1223 554 JPN Heilongjiang JKT: CC tlk by OM (Oriyama 6/25) city?  
 3940 1109 434 CA Wuhan: CC tlk by OM/YL, mx, 6 pips, ID (Naylor)Hubei JKT  
 4045 1200 453 JPN PLA 1: CC w/ mx (Oriyama 6/25)  
 4380 1350 --2 CA PLA 2: Amoy w/ YL tlk, mx (Cleveland 6/24)(Beal WA)  
 4525 1150 333 CA Xilinhaote: CC tlk, 5 pips, "EIR," ID (Naylor 6/17)  
 4750 1240 252 JPN Halla'er: CC tlk by XYL (Oriyama 6/25) Neimenggu JKT  
 4815 1207 353 JPN R. Peking: Korean mx by OM (Oriyama 6/25) unlisted, reb.  
 4830 1236 453 JPN Shenyang: CC mx (Oriyama 6/25) Liaoning JKT  
 4865 1230 242 JPN Lazhou: CC mx (Oriyama 6/25) Gansu JKT  
 4915 1226 222 JPN Nanning: CC w/ tlk by OM (Oriyama 6/25) Guangxi JKT  
 5950 1107 443 CA Ha'erbin: CC w/ OM tlk, VOA QRM, (Naylor 7/5)(Hall CA)  
 6225 111? 222 TN RP: tlk (Smtih 7/3) more details please, lang, etc., reb.  
 6520 1354 444 CA RP: CC songs (Hall 7/3)  
 6660m 1414 454 BC Beijing 1: CC YL w/ ylk (Newell 6/28)(Naylor CA)  
 6750 1406 353 BC Beijing 1: CC tlk by OM (Newell 7/7)  
 6955 1420 444 BC RP: Korean tlk by OM, ID (Newell 6/28)(McCurdy CA)  
 7504 1439 533 BC Beijing 1: CC opera mx, VNG QRM (Newell 7/8)  
 7770 1439 533 BC Beijing 2: CC YL w/ opera, RTTY QRM (Newell 7/7)  
 8520a 1343 444 CA RP: CC songs (Hall 7/3)  
 9020 1230 555 CA Beijing 2: OM w/ CC songs (Hall 7/10)  
 9064 1512 444 CA Beijing 1: CC songs (Hall 7/3)  
 9080 2035 434 BC Beijing 1: harp mx, CC tlk, mx (Newell 7/10)(Naylor CA)  
 9440 1308 444 CA RP: FF (L): tlk, CC mx, string mx (Hall 7/3)(Miller CA)  
 9500 \*0000 434 NY RP: FF w/ IS, nx, mx (Brodsky 6/19)(Hall CA)  
 9965t 0840 343 CA RP: CC tlk, IS, mentions Peking (McCurdy 6/21)  
 10260 1447 434 BC Beijing 2: CC tenor, slite B1 QRM 10245 (Newell 7/7)  
 10620 1451\* 544 BC RP?: caught "Internationale" then off (Newell 7/7)  
 11040 1254 444 CA Beijing 2: CC w/ play (Hall 7/3)  
 11100 1340 242 MI Taiwan svce: CC? tlk (Keilholz 6/13) MI or CA?, reb.  
 11290 1340 242 MI Beijing 1: CC tlk, // 11330 (Keilholz)(Newell)(Hall CA)  
 11375 1506 444 BC RP?: RR YL w/ tlk, jamming (Newell 7/7) unlisted, reb.  
 11505 1055 344 CA Beijing 2: CC tlk, mx. // 9020 (McCurdy 6/29)(Dutkowski)  
 11530t 1400 444 MI RP?: RR w/ mxprgm (Keilholz 7/11)  
 11650 0355 444 IL RP: EE w/ s/off (Noon 6/20)(Fimblett)(Arnold)(Miller CA)  
 11655 1514 322 BC RP: EE tlk on politics in Fakistan, ID (Newell 7/7) rf?  
 12055 1611 222 CA RP?: CC tlk, also 0100-0200 (Brookwell ???)  
 12260 1355 131 MI RP: tlk in u/lang (Keilholz 6/13)  
 12420 1523 344 BC Beijing 1: CC w/ YL vocals, choir (Newell 7/7)(Keilholz)  
 15045 1145 343 CT RP: SS nx, local mx (Beaudoin 6/27)(Schipelliti MA)  
 15060 0025 343 ONT RP: EE nx, cmtry (Stone 6/15)(Yajko FA)(Beaudoin CT)

USA (continued)

1508h	0205	243	MA	RP: SS tlk by OM to LA (Schipelliti 6/28)(Yajko PA)
1559h	1632	222	BC	RP: CC YL/OM w/ play (Dutkowski 7/1)
1559h	*0400	344	CA	RP: EE cmtry after s/on (McCurdy 6/26)
1535	0000	343	NY	RP: SS nx by YL, // 15045 (Maghikian 6/26)
17650	0224	433	ALB	RP: SS w/ political tlk (Pimblett 6/30)(Miller CA)
17680	0200	342	WI	RP: EE nx, cmtry (Zilmer)(Stone ONT)(Pimblett ALB)
18104h	0958	333	JPN	Xilinhaote: CC mx, tlk, 4 x 4526m (Junqua 6/17)
19490h	0937	333	JPN	Beijing 2: CC drama, 2 x 9745 (Junqua 6/21)
19694h	1051	232	JPN	Wuhan: CC opera, etc., 5 x 3939 (3940n) (Junqua 6/16)
20490h	1437	232	JPN	Beijing 1: CC mx, 2 x 10245 (Junqua 6/14)
22080h	0727	131	JPN	Beijing 2: CC mx, very weak, 2 x 11040 (Junqua 6/30)
23030h	1023	333	JPN	Beijing 2: BR tlk, C. Asian mx, 2 x 11515 (jammed)(Junqua)
24704h	0812	232	JPN	Xian: CC mx, tlk, 4 x 6176 (covered by NHK)(Junqua 6/16)

CYPRUS

7195	2210	444-	NY	Cyprus Broadc. Corp: IS, Greek s/on, tlk, mx (Maghikian 7/1)
9770	2230*	433	SC	CBC: guitar IS, Grk nx, ID folk mx (Donly 7/9)
11740	*0345	343	ALB	BBC Limassol: AA chants, // 11680 (Pimblett 6/18)
15420	1310	343	MA	BBC Limassol: EE nx, ID (Schipelliti 6/25)(Dutkowski BC)

INDIA

9523	2105	333-	PA	AIR Aligarh: EE w/ political tlk (Earhart 6/10)(Maghikian)
9912	1738	242	ALB	AIR Delhi: AA w/ mx to West Asia (Pimblett 7/6)
11795	1638	333	BC	AIR Delhi: Hindi w/ mx (Dutkowski 7/5)
15080	1910	444	HI	AIR Delhi: EE cmtry, then Quiz time (McDonald 6/25)

Radio Republik Indonesia

3205	1344	--1	CA	RRI Gorontalo: back here again w/ Indo pops (Cleveland)
3225	1145	353	CA	RRI Tanjungpinang: Indo songs, ID, Jakarta nx (Sparks)
3265	1450	232	JPN	RRI Bengkulu: Indo ID, pops, Jak, nx relay (Wakisaka)
3325	1400	333	JPN	RRI Palangkaraya: Indo w/ local mx, ID, pops (Wakisaka)
3345	1400	333	JPN	RRI Ternate: Indo w/ local mx, ID "LA" (Wakisaka daily)
3414t	1234	222	JPN	RRI Medan: Indo pops, ID, not // 4764 (Wakisaka 7/5)
3550t	1347	--1	CA	RRI Kupang: Indo pop mx, no ID (Cleveland 6/14)
3800t	1347	--1	CA	RKPKD Jember: Indo ancmts by YL, local mx (Cleveland)
3892t	1343	--1	CA	RPDK Sidoarjo: Indo w/ YL tlk below AROs (Cleveland 6/21)
3900	1234	423	WA	RRI Palangkaraya: Indo w/ Gene Austry mx (Beal 6/25)
3960	1149	333	CA	RRI Padang: Indo mx, 1201 nx (Naylor 6/24) or Palu, reb.
3975	1135	343	CA	RRI Surabaya: Indo songs, ID by YL (Sparks 7/2)
4000	1115	333	CA	RRI Kendari: Indo songs, nx, ment Kendari (Sparks 7/9)
4375	1335	--2	CA	RPDK Soppeng: Indo tlk by YL (Cleveland 6/13)
4500a	1100	333	CA	RRI? w/ IS, gongs for 7 (Arnold 6/28) ??? saka)
4719	1210	343	JPN	RRI Ujung Pandang: Indo w/ Jak nx, ID, ads, UP nx (Waki-)
4764	1500	433	INDIA	RRI Medan: Indo w/ Jakarta nx relay (Shreedhar 6/16)
4789	1120	333	CA	RRI Pak2: YL tlk, Indo/C & W mx (Sparks 7/2)
4830	1300	322	WA	RRI Madiun: Indo ID, 3 pips, Oriental mx, tlk (Beal 6/25)
4855	1200	232	JPN	RRI Palembang: Indo w/ Jak nx on ASEAN, ID (Wakisaka)
4874v	1320	222	WA	RRI Sorong: C & W mx, YL anncr (Beal 6/25)(Sparks CA)
4885	1250	322	WA	RRI Bukittinggi: U.S. pop mx, Indo ancmts (Beal 6/25)
5887	1310	232	WA	RRI Pekanbaru (L): island mx, vocals, guitars (Beal 7/4)
6070	0950	333	CA	RRI Jayapura: pol cmtry, local ID, C & W mx (Sparks 7/9)
7139	1010	354	CA	RRI Ambon: Indo songs, local ID by YL (Sparks 7/4)
11789	0845	433	CA	VOI: EE to 0900, altho sked/ancmt said 0900-30 (Hamilton 6/15+), JJ @ 1200 (Wakisaka & Ishizaki JPN), PF @ 1300 (Routenburg ONT)(Kawchuck SASK), EE @ 1400 (Pimblett ALB)

**URUSAN KERAJAAN DULI YANG MAHA MULIA**

<u>IRAN</u>				
15084	1930	354	WI	VOI: Farsi w/ domestic svc, chanting, cl. mx, IS, ID, anthem, nx (Trautschold 6/26)(Schipelliti MA)(Donly SC)

IRAQ

9740	*1931	333	MA	RBI: EE w/ lite mx, nx (Zimarowski 7/1), on 9745 (Franck VA)(Brotsky NY)(PF @ 2100 Martin CA).....
11905nf	*0230	333	MA	V. of the Masses: AA w/ Qur'an, mx (Zimarowski 6/30)

Israel Broadcasting Authority

ISRAEL

9435	2245	353	WI	IBA: EE w/ "Calling All Listeners" (Kelly)(Bigelow DE)
9815	*2000	333	NY	IBA: EE nx, then "CAL" (Saxon 7/10)(Corbishley DE)(Peck)
9820m	0500	333	PA	IBA: EE nx (Odhner 7/10) / (Perry QUE)
11625	204a	454	PA	IBA: Hebrew w/ semi cl. mx, ads, TC, nx? (Earhart 6/24)



11655 2015 433 NY IBA: EE w/ education/relig tlk (Kratzer 7/4)(Willis PA)  
 Brodsky NY)(Hamilton CA)(Perry QUE)(Yajko PA).....  
 11960 \*2100 311 HI IBA: trumpet IS, Russian tlk (McDonald 7/4)(EE @ 0500  
 Ricci CA)(Hamilton CA)(EE @ 2000 Willis FA).....  
 12045 0503 444 NY IBA: EE nx (Maghakian ???)  
 12077 2245 333 WA IBA: Hebrew w/ jazz & contemporary mx (Beal 7/6)  
 15100 2240 343 PA IBA: EE cmtry (Yajko 7/4)(Earhart PA)(@ 1254 Schipelliti)  
 15240 \*1800 222 NY IBA: IS, RR s/on, listed as 15230 (Maghakian 6/19)  
 15485 1205 544 INDIA IBA: EE w/ "Report from Jerusalem" (Shreedhar 6/21)  
 @ 2230 (Rafe NY)(Stone ONT)(Somers CA)(Thompson NM)....  
 15512 2140 444 MA IBA: Hebrew w/ mx (Smith 6/18)  
 15545 0450 323 FL IBA: Hebrew w/ semi-cl. mx, TC ID (Smith)(Earhart PA)  
 17815 1205 333 MA IBA: EE special on 6 Day War (Lobdell 6/4)(Yajko PA)  
 (RR @ 0345 Peck NY)(RR @ 1800 Maghakian NY).....

**RADIO JAPAN**

**JAPAN**  
 3910 1345 --2 CA FEN: EE w/ pop mx below AROs (Cleveland 6/21)  
 3925 1348 --2 CA NSB: JJ YL w/ tlk, mix w/ Port Moresby (Cleveland 6/21)  
 6055 0832 344 CA NSB: JJ w/ cmtry (McCurdy 6/21)(Cleveland CA)  
 6155 1630 343 ALB FEN: EE w/ pop mx, OM DJ, 1655 f/o (Pimblett 7/6)  
 7140 1345 --3 CA RJ: RR/CC prgm, s/off in EE/JJ (Cleveland 6/22)  
 9505 1000 232 MA RJ: s/on in EE w/ nx, GOS (Lobdell 6/30)(@ 1314 Gaede  
 CA)(@ 1700 Maghakian NY)(@ 1812 Yajko PA)(@ 0700 Arnold)  
 9585 1517 423 BC RJ: EE w/ cmtry, IDs (Dutkowski 6/3)  
 9595 0530 434 CA NSB: rapid burst of JJ tlk, 2 OMs cmtry (Hamilton 6/22)  
 9670 1635 333 ALB RJ: EE nx, cmtry to So. Asia, Africa (Pimblett 6/17)  
 9760 1529 444 NM NSB: IS, JJ ID, tlk, orch. mx (Thompson 7/4)  
 11705 1500 443 INDIA RJ: Hindi w/ tlk on Japanese customs (Shreedhar 6/21)  
 11815 1405 353 SC RJ: EE nx, ID, "Let's Learn JJ" (Donly 6/21)  
 11840 0230 333 CA RJ: SS nx, unlisted freq (Brookwell)(Dutkowski BC)  
 11950 1855 222 VA RJ: EE to Europe, freqs, RR @ 1900 (Franck 7/2)  
 15105 2010 322 MA RJ: EE nx in GOS (Lobdell 6/12)(@ 2200 Corbishley DE)  
 (@ 1958 Donly SC)(@ 0210 Link CA)(@ 0500 Ricci CA), etc.  
 15195 0800 342 FL RJ: EE w/ world nx, cmtry, "The Island Today" (Carrier  
 7/6)(@ 1100 Beaudoin CT)(@ 0130 Stone ONT).....  
 15270 0030 353 WI RJ: EE w/ DX nx (Kelly 6/28)(Lobdell)(Brodsky)(Naylor)  
 15310 0608 343 ALB RJ: EE w/ "Current Topics," // 15105, 17780 (Pimblett)  
 17725 0201 343 NY RJ: EE mx, tlk on Pandas, etc. (Maghakian 6/27)  
 17825 0300 444 CA RJ: EE w/ weekly nx review (Grenier 6/27)(Yajko PA)

**DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA**

**NSB**

3032a 1213 443 JPN Wonsan: KK tlk by XYL, mx (Oriyama 6/25)  
 4118a 1205 453 JPN V. of Rev. Party for Reun. of Korea: KK tlk (Oriyama)  
 4770 \*1200 444 CA KCBS?: anthem, YL vocals, 1219\* (Naylor 6/29)  
 6772 0957\* 555 CA RP: SS, then EE prgm, ID, // 9420, 9977, etc. (McCurdy)  
 7203 1240 433 CA RP: EE tlk on socialism (Grenier 7/3)  
 9420 1000 444 CA RP: EE sked, tlk, 1100\* (Arnold 6/26)(RR @ 1100 Pimblett)  
 9977 1022 444 CA RP: EE w/ "Immortal Songs" of rev. mx & composers  
 (Hall 7/10)(Yajko PA)(EE @ 1335 Miller CA)(Thompson NM)  
 11350 1200 342 WI KCBS: KK tlk, local mx (Zilmer 7/3)  
 11535 \*1200 535 CA RP: mx, EE cmtry, // 6772, 9420, 9977, 11780 (McCurdy)  
 (Keilholz MI)(RP @ 1134 Earhart PA)(KK @ 1100 Zilmer)..  
 11780 0925 554 CA RP: SS w/ "Aqui P'yongyang" (Hamilton)(EE @ 1000 Onken)  
 18752h 0846 333 JPN RP: KK w/ very nice mx, 3 x 6250.6 (Junqua 6/16)  
 18840h 0954 232 JPN RP: SS prgm, 0955 ID, anthem, 2 x 9420 (Junqua 6/21)  
 17015h 1553 333 JPN RP: KK tlk by YL, 3 x 5338+ (Junqua 5/17)  
 20310h 0850 333 JPN RP: KK w/ tlk, 3 x 6770 (wakisaka 6/24)(Junqua JPN)  
 28260h 0955 232 JPN RP: SS tlk, anthem, EE @ 1000, 3 x 9420 (Junqua 6/16)

**REPUBLIC OF KOREA**

**Korean Broadcasting System**

7150 \*0200 412 MA R. Korea: EE w/ YL ID, nx, Moscow QRM (Miller 7/1)  
 9525 0800 443 CA RK: EE w/ ID, then KK tlk, mx w/ vocals (Wilson 7/9)  
 9600 0759 444 CA RK: Indo w/ ID, freqs, tlk (Hall 7/10)(Miller CA)  
 9640 1520 453 CA RK: EE nx, cmtry, "Melodies of Korea" (Link 6/4)  
 (Arnold CA)(Thompson NM)(Pimblett ALB)(Grenier CA)....  
 9720 1759 444 NM RK: EE w/ IS, IDs, "Current Happenings in KK" (Thompson)  
 11960 \*1128 222 MA RK: EE w/ IS, ID, nx (Zimarowski 7/3)(Beaudoin CT)

**INWAIT**

6/26)

9590 1510 533 INDIA RK: Urdu w/ Ind./Pak. film mx, Islamic tlk (Shreedhar

KUWAIT (continued)

12085 1959\* 333 MA RK: EE w/ s/off ancmts for SW, ID for FM stereo (Lobdell)(Corbishley DE)(Schippelliti MA)(Heath KY)(Reese KS)(Martin CA)(Smith MA)(Routenburg ONT)(Brodsky NY)...

15345 0520 243 OR RK: continuous MOR mx (Bodell 7/13)

MALAYSIA

5100 1330 343 WA Suara Malaysia: Thai nx, tlk, ment. Malaysia (Beal 7/4)

7295 1120 232 CA R. Malaysia Penang: EE w/ local mx (Hamilton 6/12)

9515 1350 343 WA RM Penang (L): BM w/ orch mx, YL annor (Beal 7/4)

9665 1102 434 CA RM Kuala Lumpur: BM tlk by YL, EE mx (Hall 7/10)

9670 1100 444 CA BBC Tebrau: EE w/ OM world nx (Hall 7/10)

9740 1340 423 BC BBC Tebrau: EE w/ "World Radio Club" (Dutkowski 6/15)

11750 1540 444 ALB BBC tebrau: EE w/ rugby on Sat. Special" (Pimblett 7/9)

15295 0635 534 INDIA Suara Malaysia: EE w/ nx, request prgm (Shreedhar 6/21)

Sabah

4970 1350 --2 CA R. Malaysia Sabah: BM w/ YL annor, local mx (Cleveland)

Sarawak

4950 1210 323 CA RMS Kuching: EE nx, mx (Grenier 7/9)(CC @ 1346 Cleveland)

5005 1350 --3 CA RMS Sibiu: Iban tlk by YL (Cleveland 6/23)

PAKISTAN

4735 0135 322 WA PBC Karachi: subcont mx, tlk in u/lang (Beal 7/5) via LP

9790 2115 342 WI RP: EE nx, cmtry, local mx, 21468 w/ anthem (Zilmer 7/2)

11640 2100 353 PA RP: Urdu tlk, mx, EE nx @ 2145 (Odhner 6/25)(Onken IL)(Corbishley DE)(Lentz PA)(Peck NY)(Donly SC)(Perry QUE)

15115 1115 343 HI RP: EE w/ slo speed nx (McDonald 7/4)(Beaudoin CT)

15325 \*0200 333 NY RP Islamabad: EE IS, ID, Indo prgm (Maghakian 6/27)

15520 1545 434 OR RP Islamabad: Urdu tlk, Pakistani mx (Bodell 7/12)

17665 1400 232 NY RP Islamabad: Urdu w/ film mx (Peck)(\*0200 Maghakian)

17830 0231 253 FL RP Islamabad: EE slo speed nx, 0245\* (White 6/10)

PHILIPPINES

6010 1100 322 WI VOA: EE nx (Zilmer 6/23)

9579 0727 545 CA V. of Philippines: EE nx, mx mailbag (Miller)(Dutkowski)

9605 1440 544 INDIA R. Veritas Overseas: EE prgm, // 11955, 15215 (Shreedhar)

15145 0615 342 TURK VOA: EE nx, cmtry, etc. (Bowers 6/30) unlisted, reb.

15390 0642 333 ALB FEBC: EE w/ relig. tlk, ID, address Pimblett 6/12)

15395 \*2130 311 KS VOA: EE ID, then prgm in Asian lang (Reese 6/26)

15440 1338 --3 CA FEBC: EE w/ world nx, ID, editorial (Cleveland 6/22)

17810 2335 323 IL FEBC: EE nx, ID, relig. tlk, mailbag (Onken 6/11)(White)

**FAR EAST**QATAR

9570 1450 323 INDIA QBS: AA mx, tlk, Kuwait QRM (Shreedhar 6/27)

SA'UDI ARABIA

11854.7m 2100 322 MA BSKSA: EE tlk by YL, cl. mx (Zimarowski 7/8)(Maghakian NY)(Corbishley DE)

SINGAPORE

5052 1356 --2 CA R. Singapore: EE w/ pop mx (Cleveland 6/14)

11940 1424 222 CA RS: EE tlk by YL/OM, sprts nx (Brookwell)(Grenier CA)

SRI LANKA

7190 0100 454 INDIA SLBC: Hindi film songs, // 11800 (Shreedhar 6/28)

11835 1101 333 MA SLBC: EE ID, tlk, interviews (Schippelliti 6/29)

15120 1100 343 HI SLBC: EE w/ MOR isnr., 1130\* (McDonald 7/4)

15185 1103 232 CT VOA Columbo: EE w/ "Breakfast Show" (Beaudoin 6/6)

15425 0140 232 MA SLBC: EE relig. prgm, nx, ID (Zimarowski 7/8)(Donly SC)(Onken IL)(Bowers TURK)(Peck NY)(Smith MA)(Zilmer)

TAIWAN

11745 0915 444 CA VOFC: CC tlk, cl. mx, march mx, // 11825 (Hamilton 6/15)

11905 1112 252 SC CBS: Mongolian tlk, 1130\*, anthem (Donly 7/8)

15345 0150 434 MA VOFC: Cantonese w/ Oriental mx, tlk (Miller 7/1)

17890 \*0100 222 KY VOFC: IS, EE ID, nx, mx, cmtry, asks for reports (Heath 6/28)(Ricci CA)(White FL).....

19370h 0937 232 JPN VOFC: CC mx, tlk, is tent., 2 x 9685 (Junqua 6/24)

23650h 0906 343 JPN VOFC: CC w/ opera?, 2 x 11825 (Junqua 6/14)

TURKEY

9515 & 2300 212 NY VOT: EE nx, mx (Saxon 7/9)(Bigelow DE)(Odhner PA)(Reese  
 11880 ANKARA KS)(Corbishely DE)(Yajko PA)(Stone ONT)(Pimblett ALB)  
 Turkish @ 0402 Hamilton CA)(Feck NY).....

UNION OF SOVIET SOCIALIST REPUBLICS

RADIO MOSCOW

4040 1155 443 JPN Vladivostok w/ Mayak pgrm, RR mx (Oriyama 6/25) MOSCOW, USSR  
 4050 1203 343 JPN Yuzhno Sakhalinsk w/ Moscow 1: RR tlk, SSB (Oriyama)  
 4825 1209 443 JPN R. Moscow via Vladivostok: CC w/ nx (Oriyama 6/25)  
 5015 1340 121 CA Vladivostok w/ Mayak pgrm, RR mx (Keilholz 7/11)  
 7100 1500 533 BC RM via Petro Kam: CC w/ OM ID after IS (Newell 7/8)  
 7200 2010 544 BC Yakutsk w/ Mayak pgrm, harp/violin mx, ID (Newell 7/10)  
 7210 1509 544 BC Khabarovsk: Mayak pgrm w/ YL singing (Newell 7/8)  
 7265 2008 232 BC RM/Peace & Prog via Yakutsk: CC OM w/ tlk (Newell 7/10)  
 7320 1953 553 BC Magadan w/ local pgrm, Mayak in vern./RR (Newell 7/10)  
 7370 1950 532 BC unid site w/ Mayak pgrm, RR tlk, romantic mx (Newell)  
 9545 0708 354 CA unid site w/ Mayak pgrm, not // 11990 (Hamilton 6/24)  
 9620 1600 444 SASK Khabarovsk w/ R. Tikhy Okean: celeste IS, ID (Kawchuck)  
 9710 0445 544 WA RM via Petro Kam: EE nx to WCNA (Mappin 6/29)(Pimblett)  
 9780 0920 534 CA PM via Nikolaevsk: EE tlk, nx, to A/NZ (Hamilton 6/24)  
 9810 0510 343 WA unid site w/ RR tlk (Mappin 6/29)(@ 0935 Hamilton CA)  
 11690 0615 433 CA RM via Nikolaevsk: EE w/ "Moscow Mailbag" (Hamilton)  
 11720 0545 453 CA RM via Khabarovsk: EE w/ DX pgrm (Hamilton)(Miller CA)  
 11860t 0325 333 DE R. Kiev via Petro Kam: EE tlk on USSR/Ukr (Corbishley)  
 11990 0600+ 454 CA Vladivostok w/ Mayak/"Govorit Leningrad" (Hamilton 6/11)  
 12020 0902 433 CA RM via PK: JJ w/ chimes, "hosowa Moskwa" (Hamilton 6/26)  
 12070 1356 --2 CA RM via unid site: RR tlk, to NA, EE ID (Cleveland 6/24)  
 14475h 0945 232 JPN RM via Vlad?: KK w/ KK tlk by OM, is 3 x 4825, //  
 24125 (5 x 4825), 19300 (2 x 9650) (Wakisaka 6/27).....  
 15045h 0824 333 JPN RM? via Vladivostok: OM/YL tlk, 3 x 5015 (Junqua 6/22)  
 15100 2300 443 CA RM via Khabarovsk: EE nx, "Moscow Mailbag" (Unruh 6/4)  
 15180 0300 141 NY R. Yerevan via Yuzhno Sakhalinsk: Armenian w/ IS, IDs  
 "Yerevanne Khosum" (Peck 6/18)(RM @ 0330 Kaufman NY)...  
 15185 1600 222 CA Peace & Prog via unid site: IS, EE ID, freqs (Brookwell)  
 15425 0105 322 ONT RM via Irkutsk: EE nx, cmtry (Routenburg 6/20)(Donly SC)  
 15450 1859 343 CA unid site w/ Mayak pgrm: RR tlk, ID, MOR mx (Naylor 6/12)  
 19110h 1036 333 JPN RM via unid site: CC tlk, 2 x 9555 (Junqua 6/21)  
 19300h 0941 232 JPN RM via Vlad: EE tlk, mx, IS, 4 x 4825 (Junqua 6/21)  
 19520h 1646 232 JPN RM via unid site: RR tlk by OM, 2 x 9760 (Junqua 6/17)  
 20060h 0932 222 JPN RM? via Vlad: RR drama, messages to kids, 2 x 5015 (\*)  
 23500h 1055 333 JPN RM via unid site: RR classical mx, 2 x 11750 (Junqua)  
 23880h 0809 --- JPN Peace & Prog via unid site: CC tlk, 2 x 11940 (Junqua)  
 24240h 0933 242 JPN Vladivostok w/ Mayak pgrm: RR nx, 6 x 4040 (Wakisaka)  
 25075h 0747 343 JPN RM via Vlad: RR OM tlk, is 5 x 5015 (Junqua al. dally)  
 28280h 0755 232 JPN RM? via Vlad: RR cl mx, Mayak IS, 7 x 4040 (Junqua)  
 28440h 1003 333 JPN RM via unid site: RR YL tlk, 3 x 9480 (Junqua 6/16)  
 28726h 1017 232 JPN RM? via unid site: RR opera, 3 x 9575+ (Junqua 6/20)  
 28840h 0731 333 JPN RM via unid site: RR cl mx, 4 x 7210, // 28860 (Junqua)

Azerbaijan S. S. R.

21490 1330 333 FL RM via Baku: EE w/ IS, nx, to Africa (White 6/22)

Kazakh S. S. R.

11950 0000 333 ONT R. Alma Ata: RR w/ IS, ID, cl mx, tlk (Routenburg 7/1)

Kirghiz S. S. R.

11890 1630 343 SC R. Frunze: IS, RR ID, nx, lite cl mx, tlk (Donly 6/18)  
 15175 0000 212 CA RM via Frunze (presumed): CC tlk, TC, IS, ID (Brookwell)  
 6/24)

Uzbek S. S. R.

11730 1216 332 SC R. Tashkent: EE tlk, Asian mx, ID, 1230 to Urdu (Donly)  
 15505 1840 433 PA RT: EE economic tlk, African nx (Yajko 7/4)

UNITED ARAB EMIRATES

9620t 2035 332 SC Abu Dhabi: AA tlk by OM, mx, no ID heard (Donly 7/5)

VIETNAM

6165 1050 454 CA Ho Chi Minh city: rev. mx, pol. speech, pips, nx (Sparks)  
 6450 1357 343 CA Hanoi 1: Viet tlk by OM (Hall 7/3)  
 9645 1107 544 CA Tay Bac: Viet pgrm of flute mx (Hall 7/10)  
 9887 1300 444 CA Hanoi 2: Viet mx, YL ID, tlk (Hall 7/3)  
 10040 \*1000 222 KY V. of Vietnam: EE nx, political tlk, mx (Heath 5/25)  
 (McDonald HI)(Shreedhar INDIA)(FF @ 1355 Keilholz MI)..

VIETNAM continued)

10060 1347 434 CA  
15009v 2032 141 PA

Hanoi 1: Viet tlk, Oriental mx (Miller 5/23)  
V. of Vietnam: EE ID, nx (Lentz 6/2<sup>a</sup>)(Beaudoin CT)  
@ 1900 (Zilmer WI)(Maghakian NY)(Foutenburg ONT)(White FL)(Grenier CA)(PR @ 1546 Brookwell CA)(Khmer @ 1350 Donly SC)....

YEMEN ARAB REPUBLIC

7235 0500 433 NY  
9780 1916 353 SC

R. Sana': AA tlk, chants, folk mx (Peck 6/23) is DW, reh  
RS: AA tlk by OM, cl. mx bridges, 1940 ID, AA mx (Donly 6/13)



# OCEANIA

AUSTRALIA

4920 0906 121 MA  
5995 0931 555 PA

9515 0659 ??? PA  
9540 1040 454 MA  
9580 1130 333 AL

9510 1740\* 444 ALB

9680 0803 343 CA

9690 1200 433 WI

9760 0730 444 BC

11705 0840 332 CA

11720 1105 332 PA

11725 \*1900 353 CA

11740 0500 343 NJ

11825 1150 343 PA

11855 1100 232 CT

11935 0558 555 WA

15140 0300 333 TURK

15160 0430 344 MA

15190 0131 333 CT

15205 0430 545 CA

15230 0516 333 ALB

15290 0300 333 CA

15320 0215 433 NY

15355 0335 322 DE

15410 0230 454 FL

15425 0430 343 SC

17795 0200 332 PA

17870 0300 333 IL

21570 0900 434 TURK

C=Canarvon L=Lynnhurst S=Shepparton

ABC Brisbane: EE nx (Lobdell 5/12)(Smith TN)(Cleveland RA(L): Australian nx, ID, Aussie hits (Lentz 7/10)(Naylor CA)(McCurdy CA)(Schipelliti MA)(Yajko PA)(@1345 Kellholz MA)  
RA(S): ID, FC, nx (Odhner 7/9)(Unruh CA)(Trautshold WI)  
RA(L): "Countdown" pgrm (Schipelliti)(Yajko)(Trautshold)  
RA(S): mx, interviews (Rudolph 6/27)(Smith FL)(Carrier FL)(Beaudoin CT)(Schipelliti MA)(Earhart PA)(Smith TN)...  
ABC Peth: past usual s/off w/ cricket (Pimblett 7/7)  
@ 1100 Heath KY)(Yajko PA)(Schipelliti MA)(Kellholz CA)..  
ABC Melbourne: ID "This is ABC R.," (Hamilton)(Trauts.)  
RA: nx, // 9695, 9540, 9580 (Zilmer 7/10)(Pimblett ALB)  
RA(S): nx, mx (Dutkowski 7/1)  
RA(S): "DXers Calling" (Unruh 5/5)(@ 1132 Earhart PA)  
RA(S): OM/YL w/nx (Earhart 6/10)(Zilmer WI)  
RA(S): world nx, "Focus on Australia" (Unruh 6/8)  
RA(S): world nx (Klemens 7/10)(Maghakian NY)(Carrier FL)  
RA(S): Indo w/ pop mx, EE ID, nx (Earhart 6/20)  
RA: nx, on unlisted freq (Beaudoin 6/27)(Zilmer WI)  
RA(S): FF to Africa, EE ID, 0500 EE (Mappin)(Schipelliti)  
RA(S): "Focus on Australia" (Bowers 5/30)(Carrier FL)  
RA(L): "Int'l Rpt" // 15140, 15240, 15290, 15320, 15355, 15410, 17795, 17870 (Smith)(Lobdell)(Mappin WA)(Arnold)(Naylor CA)(Yajko PA)(Trautshold WI)(Maghakian NY).....  
RA(S): Australian nx in brief, mx (Beaudoin 5/5)  
RA(S): mx, cmtry (Ricci)(Unruh)(Brookwell)(Zilmer)  
ABC Melbourne: football cmtry, // 15240 (RA) (Pimblett)  
RA(S): pop mx (Grenier 7/1)  
RA(S): "Int'l Rpt" (Kratter 7/6)(Stone ONT)(Peck NY)(Smith TN)(Carrier FL)(Ricci CA)(FF @ 0500 Kaufman NY)..  
RA(S): mx, tlk on freqs (Bigelow 6/20)(@ 0500 Trautshold)  
RA(C): ID, nx, "Countdown" (Carrier 7/5)(Schipelliti MA)  
ABC Perth: nx, ID, cmtry, TC, wx (Donly)(Carrier FL)  
RA(S): world nx to NA (Willis 6/25)(Stuart MA)(Rafe NY)(Stone ONT)(Link CA)(Grenier CA)(Miller CA)(Yajko PA)..  
RA(S): ID, wrld nx (Breitung 7/4)(Noon IL)(Maghakian NY)(Earhart PA)(Yajko PA)(Shreedhar INDIA)(Grenier CA).....  
RA: world nx, Aussie hits (Bowers 6/12)

Seksi Indonesia Radio Australia

NEW CALEDONIA

7170 0700 544 WA

11710 0605 333 CA

P. Noumea: FF w/ lite mx, tlk (Mappin 6/22)(Martin CA)(Limarowski MA)(Schipelliti MA)(Yajko PA).....  
RN: FF singing, comedy, tlk (Hamilton 5/10)(Pimblett)

NEW HEBRIDES

3945 0755 242 OR

NHBS: FF tlk by CM (Bodell 7/2)

## VILA

NEW ZEALAND

5105 0730 232 CA

11705 0356 333 WI

15130 0400 333 KY

PNZ: EE nx, mx (Wilson 7/3)(Lobdell MA)(Schipelliti)  
PNZ: mx, nx, wx, ID, freqs (Eaton 7/10)(Mappin WA)(Klemens NJ)(Earhart PA)(Hall CA)(Kellholz MI)(Brodsky)  
PNZ: Nat. pgrm w/ nx, mx (Heath 6/26)(Beaudoin CT)(Kaufman NY)(Rafe NY)(Lentz PA)(Smith MA)(Carrier FL)

PAPUA NEW GUINEA

3905 1015 343 CA

4890 0930 353 KY

National Broadcasting Commission of Papua New Guinea  
P. Manus: local nx in Pidgin, strong signal (Sparks 7/9)  
NBC: EE ads, pop mx (Heath 6/18)(McDonald HI)(McCurdy CA)(Unruh CA)(Trautshold WI)(Miller CA)(Kellholz MI)..



SOCIETY ISLANDS

11P25 & 1600-454 CA P. Tahiti: FF, Tahitian tlk mx (Hamilton)(Odhner PA)  
15170 0730 Perrv QUE(Somers CA)(Smith MA)(Mappin WA)(Klemens NJ)

SCILMON ISLANDS

5020 0745 222 CA SIBC: EE/Fldgin w/ nx, mx, isle mx (Wilson 7/7)(Smith CA)  
9545 0732 333 OR SIBC: local choral mx, EE ancmts, // 5020, 0800\* (Bodell 7/R)

(McDonald HI)

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

CHINA - changes in skeds issued in June SPEEDX: FLA 1, change 7850 to 7853; FLA 2, add 3300, change 7280 to 7380; bcsts to Taiwan, 3830 is no longer listed; minority prgm, Mongolian (1200-55) remains on 4190, 5915, but is no longer relayed by Regionals, (2230-2325) is now on 5915, 6645, Korean (1000-25) is on 8260 (ex 4620) as well as 6430.... Jansu JLT, Lanzhou, bcsts in Mandarin on 4865, 5970, 6155, 7324 (2100-0100, to 0330 Sun., 0320-0610, 1000-1600).... the main domestic svce is, Beijing 1: 3450 (2000-2200), 4460 (2000-2315, 1130-1730), 4800 (2000-0100, 1103-1735), 4905 (2000-2200), 5320 (2000-0100, 1103-1735), 5860 and 6225 (2000-0100, 1100-1735), 6665 (2000-1735, not Fri 0437-0830), 6750, 7095, 7504 (2000-1735), 7935 (2000-2300), 9064 (2000-1735), 9080 (2000-2200, 2203-1735), 10245 (2203-0100, 1100-1735), 11290, 11330 (2000-1735) 12120 (2300-0800, not Fri 0500-0900), 12420 (2203-0430, 0733-1735), 15550 (0103-1100), 15500 (2318-1130), 15590 (2303-1735), 17605 (0433-0730).... and Beijing 2: 4250 (2100-2240, 1333-1700), 4850 (2100-0000, 1403-1700), 5075 (2100-2330, 1103-1700), 5163 (2100-0000, 1203-1700), 6345 (2100-2330, 1403-1700), 7190 (2243-1330), 7270 (2100-0000, 1000-1700, from 0950 Wed/Fri), 9020 (2100-1700), 9570 (0700-1200), 9754 (0700-1400), 10260 (2100-1700), 11040 (2333-1400 not 0530-0900 Tues), 11505 (0000-1200), 12200 (2333-1100), 15030 (2300-1200)... Peking's bcsts in Russian are as follows: (0000-55) on 9345, 9530, 11675; (0100-55) on 11675; (1200-55) on 11675; (0300-55) (reversed tape) on 6995, 8260, 8425, 11455, 11609, 11675, 15045, 15115, 15255, 15300, 15355, 15670, 17490; (0400-55) on 11590, 11675, 15045, 15115, 15255, 15290, 15355, 15670, 17490; (0900-55) (reversed tape) on 9224, 9340; (1000-55) on 5145, 6560, 7130, 9480, 9525, 11515, 11550, 11675, 11920; (1100-55) on 514, 955, 7130, 9390, 9655, 11515; (1300-55) on 5145, 6560, 7130, 9390, 9625, 9820, 11675; (1600-55) on 3920, 6430, 6495, 6560, 7130, 7800, 9390, 9530, 9625, 9820, 11675; (1900-55) on 4110, 4058, 4895, 6430, 6495, 3550, 6840, 7045, 7130, 7650, 7800, 9390, 9530, 9625, 9820, 11600, 12055; (1700-55) on 3920, 4068, 4895, 6495, 3840, 7045, 7130, 7650, 7800, 9030, 9390, 9530, 9555, 9685, 9820, 11600, 12055; (1800-55) on 4110, 4220, 6280, 6495, 7045, 7130, 7800, 9030, 9335, 9390, 9530, 9555, 9685, 11600, 12055; (1830-1925) (reversed tape) on 6550, 8345; (1900-55) on 4110, 4220, 4500, 6280, 6495, 6825, 7215, 7225, 9340, 9390; (2000-55) on 4110, 4220, 4500, 5440, 6280, 6495, 7130, 9530; (2100-55) on 6495, 7130; (2130-2225) on 6890, 6930, 7035, 7340, 9365, 9390, 9415, 9425; (2200-55) on 7130, 9525; (2230-2325) on 7080, 9360, 9390, 9435, 9445, 9475, 9880, 11450; (2300-55) on 7130, 9625, 11675, 11990....these and all other items used by permission of BBCMS....

INDONESIA - the following preliminary data on recent changes in VOI indicate EE now @ 0830, Indo @ 0930, CC @ 1000, JJ @ 1200, FF @ 1300, EE @ 1400, AA @ 1500, all on 11789 and new 9585 (ex 9710).....

KOREA, REP. - KBS 1 is relayed on SW on 2510 (1955-0005, 0658-1800), 3930 (1955-1800), 5975 (0025-0320, 0400-0605)....KBS educational sta. in KK and JJ is on 6135 (0858-0103).....

KUWAIT - RK's domestic svce in AA is: 9520 (0315-1400, 1600-1800), 11920 (1830-2115), 21605 (0415-1305), 21625 (1000-1505).....

LAOS - Luang Prabang regional is now on 4700 only, Houa Phan regional is now on 4665, 7186.....

U. S. S. R. - Radiostantsiya Mkhv Okean has this sked: (0700-0800) in RR (not Mon/Thur) on 3995, 4030, 4495, 5015, 9520, 9645, 9700, 9720, 9810, 15100, 15350, 15505, 17720, 17245, 21505; (1430-1530) in RR (not Mon/Thur) on 7125, 7245, 9590, 9620, 9745, 9760, 9775, 12010; (1900-30) RR nx relay Moscow 1 on 5015, 5000, 5020, 7125, 9555, 9710, 9750, 9760, 11720, 12010; (1930-2030) in RR (not Mon/Thur) on 5015, 6000, 6020, 6175, 7280, 9590, 9610, 9710, 9750, 9760, 11705, 11720, 12010....Mkhv Okean prgms are produced in Vladivostok...

VIETNAM - the new station on 4820 is Ha Huyen, bcsting in Viet and local langs (1030-1200)....Hue bcsts on 4580 (1030-1530, 2200-0000).....

Just enough room to say thank to all who have supported A/O over the past two years, and particularly to the four who have been with me from the start. Bill Cleveland, Gib Lingua, Ken Earnhart, and Tom Smith...and thank to 75 reporters this mth. 73, 846 07/22/77 29

# WORLD SERVICE STATION SKEDS PROGRAMMI

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

BULLETIN DE PROGRAMMES

Editor: LARRY TALBOT

N84 W15119 Knoll Terrace  
Menomonee Falls, WI 53051

ENGLISH SERVICE

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

AUSTRALIA, RA, changes to sked given last mo: EE now on 9690 1130-1730. 1000-1100 JJ, 1100-1300 EE, 1300-1400 JJ now 11855 ex 11720. EE to Asia 0900-1730 on 9545 will change to 0900-1600 on 9695. Maghakian, Bernstein

BRAZIL, RNB, as mentioned last mo has ceased their sw bdcsts. They have announced they will not return to external bdcsts until July 78. Xmtrs will be used for regional svcs. McCurdy.

BULGARIA, R. Sofia, EE to Sept. 4, To Britain: 1930-2000 9700 & 11720. 2130-2200 9745 & 11750. To NA: 0000-0100 on 9705. 0430-0500 on 9530. Ricci, Wood.

COOK ISLANDS, R. Cook Isl, now using 3265 only, 1630-1930 & 0430-0830. Franck.

CANADA, RCI, EE to Sept 3: To Western Europe: 0615-0630 11790 9660 7155 6140. 0645-0700 same 1400-1500 (Su only) on 6195. 1645-1700 on 17820, 15325. 1930-2000 17760 15325 11855 9530 5995. 2030-2100 17820 15325 11855 9530 5995.

To USA: 0100-0130 on 9535. 0200-0230 on 11845 & 9535. 0300-0330 11845, 9655, 9535, 5960. 0400-0430 on 11845 & 9655. 2200-0000 (M-F) on 5960.

To Caribbean/Antilles: 0100-0130 on 11940.

To Latin America: 0100-0130 on 11940 & 9535. 0200-0230 on 11845 & 9535. 0300-0330 on 11845 9655 9535 5960. 0400-0430 on 11845 & 9655.

To Africa: 0615-0630 on 11720 & 6150. 0645-0700 on same. 1400-1415 on 17780 & 15325. 1800-1830 on 17820 & 15260. 1900-1930 on same.

To Eastern Europe: 1530-1600 on 11935 & 9555. Maghakian, Corbishley, Jechenthal.

DOMINICAN REP., R. Clarin, EE pgm @ 2330-0000 on 11700 & 4850. Other pgm in SS 1900-0200. Maghakian, Wood.

ECUADOR, HCJB, sked changes: 1630-1800 Czech, FF GG now 15120. 2230-0030 RR GG JJ GG now 15345. 2200-0230 JJ PP RR FF now 15295. Maghakian.

FINLAND, RF, EE, Sa-Su 0930-0955 W/Eur 9550, C/Eur 11755, 15270. 1300-1325 C/Eur 11755, NA 15105, F/E 15260. 1900-1925 Eur/ME 11755, Eur/Afr 15265 2030-2055 Eur 11755, Eur/Afr 15265. 2330-2355 NA on 11735 ex 11755. Zilmer, Batson, Maghakian.

FRANCE, RFI, Paris Calling Africa To NW/Afr 15300. To W/Afr 15315 & 17720. To C & S/Afr 15155, 17850, 21580. To E/Afr 15210 & 17800. To Indian Ocean: 15200, 17860. Heath. Underlined hrd his QTH in Ky. Heckenlively.

GERMANY, W./ANTIGUA/MONTSERRAT, DW GG to NA 1330-1350 now on 9605, 11810 from West Indies & 11850, 15245 & 17800 from Germany. 11865 & 11970 have been dropped. Wood. GG to SA on 11775 @ 1200 via Antigua Heckenlively.

GREAT BRITAIN, BBC, 15260 2000-2330 England 11750 2000-0230 England 9915 2245-0330 England 9580 2000-2115 Caribbean 2115-0030 England 0030-0330 England 9510 0030-0330 Greenville 6005 2245-0330 Ascension 5995 2245-0330 England 5960 2000-2245 England To NA/CA/Caribbean: 17840 1500-1615 Ascension 15365 1500-1745 Sackville 15260 2000-2330 England 15070 1100-1330 England 11750 2000-2330 England 0000-0230 England 9580 1500-1600 Sackville 1600-1730 England 2000-2115 Caribbean 2115-0030 England 0030-0330 Ascension 9510 0500-0630 Caribbean 2200-0030 Sackville 0030-0330 Greenville 7325 2245-0330 England 6195 1100-1330 Caribbean

GREAT BRITAIN (cont)

6195 2000-2330 Caribbean  
6175 2200-2330 Sackville  
2330-0730 Caribbean  
6120 2330-0330 Sackville  
5990 1100-1330 England  
5975 2245-0730 England  
5960 2000-2245 Ascension  
To the South Atlantic:  
9915 2245-0330 England  
7130 same  
5975 same

To the Middle East:

21710 0700-1515 England  
17790 0600-0730 England  
0900-1330 England  
15420 0900-1215 Cyprus  
15310 1300-1615 Tebrau  
15070 0500-2030 England  
12095 1300-2130 England  
11955 0300-0430 Cyprus  
11760 0600-1330 Cyprus  
11750 0400-0730 England  
1300-1615 Tebrau  
9410 0300-0730 England  
1600-2315 England  
7185 0300-0630 England  
7140 0330-0400 Cyprus  
0900-1215 Cyprus  
7120 1600-2315 England  
6050 0300-0530 England  
5975 0300-0430 England  
1700-2115 England  
3989 1700-1815 Cyprus  
2000-2115 Cyprus

During the next 3 years BBC F/E relay @ Johore, Malaysia (Tebrau) will move to Singapore. Zilmer.

GRENADA, RG,

3300 2205-0230. All 5kw.  
9550 1545-1800.  
15105 1945-2200.

Corbishley, Watts.

GUAM, TWR, KTWR,

0930-1000 on 11780 & 11900  
1000-1100 same to Japan/Indonesia.  
1100-1300 on 11780 & 9575 to China.  
1300-1330 same to seAsia.  
Reports requested to Trans World Radio  
PO Box 3518, Agana, Guam 96910. Miller.

HAITI, 4VEH, everyday

1000-1100 SS, 1100-1400 EE,  
& Su only 1700-1945 EE,  
Again everyday @ 2000 SS followed by  
2330-0030 EE. Bdcsts on 9770 & 11835  
Jechenthal.

HOLLAND, R. Nederland, EE

0630-0750 to NZ/Pac on B9630.  
0800-0920 to Au/NZ/Pac on B9715.  
0930-1050 to Eur on L9660, L7240  
L5955, L6045.  
1400-1520 to seA on L17810, L15185,  
L9895 & M11740.  
1400-1520 to Eur on L 6045 & L5955.  
1830-1950 to S & E/Afr on M6020.  
1830-1950 to Europe on L6020.  
1830-1950 to W/Afr on L17700 L11730.  
2000-2120 to W/Afr-Eur on M11730.

HOLLAND (cont)

2130-2250 to NA L11730 & L9715.  
0200-0320 to NA on B6165.  
0500-0620 to NA on B9715 & B6165.  
According to anmcmnt on "His & Hers"  
pgm, beginning Nov 7, all bdcsts will  
be 50 min in length instead of the  
80 min now used. Brodsky, Bernstein.

HUNGARY, R. Budapest, possible error  
in last mo sked. in 0300-0330 to NA  
I showed 15255. RB sked shows 15225.  
Bigelow.

INDIA, AIR, an around the clock sked  
has been compiled by Jim Bryan which  
takes all the guess-work out of the  
hard to read India skeds. I have ex-  
tracted the EE parts as follows:  
0000-0115 7215, 9525, 9535, 11770,  
11815, 11850.  
1000-1100 11725, 11775, 15190,  
15205, 15250.

1330-1400 11810, 15335.  
1400-1500 11810, 15335.  
1745-1800 9525, 9730, 15080, 11620.  
1800-1900 9525, 9730, 11620, 15080.  
1900-2000 9525, 11620.  
1945-2000 9912.  
1900-1945 9730-15080.  
1945-2000 9755, 11880.  
2000-2100 9525, 11620, 9912.  
2000-2045 9755, 11880.  
2045-2230 11740.  
2100-2200 9525, 11620.  
2100-2330 9912.  
2245-2300 7215, 9535, 11770, 11815,  
11850.  
2230-2300 9525, 11620.  
2300-0000 7215, 9525, 9535, 11770,  
11815, 11850.

If you would like a copy of the  
whole sked, drop me a SASE. LT.

ISRAEL, IBA, using cards aimed at  
non-technical listeners. Give time  
as 5:30-6:00 PM EST on 7.4, 9.4,  
9.8, & 11.6 on your dial. To be more  
technical try 7412, 9435, 9815 &  
11625/11655. also 15435, 2230 GMT.  
Insinger.

JAPAN, NHK, EE to Sept 3

To NA 2345-0045 on 15270, 15300.  
To NA/LA/Hawaii 0130-0230 on 17725,  
17825, 15420, 15195.  
To Europe 0800-0830 on 15325, 15430.  
To Au/NZ 0930-1030 on 15235, 11875.  
To seAsia 1115-1145 on 11875, 9675.  
To As/Afr 1630-1700 on 11705, 9670.  
To Europe 1830-1900 on 9605, 11950.  
To mE/Afr 2015-2045 on 9700, 11875.  
Bernstein.

KOREA, (North) R. P'yongyang has 5  
new freq. to Americas 0800-0900 KK  
0900-1000 SS, 1000-1100 EE on 6772,  
9420, 9977, 11535, 11780. McCurdy.

KUWAIT, RK, EE to E & sE Asia  
0800-1100 on 15345. 1700-2000 to Eu/  
seAsia on 12085 & 9580. Lobdell.

MALAWI, MBC, to Aug 31, no lang given  
0245-1110 & 1300-2030 on 3380.  
0400-1415 on 5995. Cabos.

MOZAMBIQUE, RM, again no langs:  
On 15295 0700-1500  
11820 0500-1700  
9620 0500-1700  
6115 0400-2200  
4855 0400-0630 & 1615-2200.  
3210 0400-0600 & 1700-2200.  
Cabos, Peters.

NEW ZEALAND, RNZ, according to sked  
uses 0100-0715 11705, 7 $\frac{1}{2}$ kw. Dave  
Brodsky informs us that Sweden also  
uses 11705 until 0330 w/500kw.  
0458-0800 RFI uses that freq 100kw.  
So if you want to hear RNZ on 11705  
you have to do it between 0330-0458.

PORTUGAL, RP, If you think you heard  
two lang at same time on 6025, you  
may be right. Richard Wood reports  
that RP has been interfering with  
themselves on that freq w/EE to WCNA  
0500-0530 & PP to Eur same time same  
freq, equal power. He says the PP  
is quite listenable after the EE goes  
off @ 0530. Other EE to NA  
0300-0330 on 6025 & 11935.  
0500-0530 same.  
To India & m/E 1400-1430, 1600-1630  
on 17895.  
To Afr 1800-1830 (Su 1700-1730) on  
15340 & 17880.  
To Europe 2030-2100 on 6025 & 9740.  
Ricci, Bernstein.

POLAND, PR, here are more comments  
on freqs for PR. Ed Insinger says  
7270 still good @ 0200. Heath got  
sked showing 0200 & 0300 on 6095,  
6135, 9525, 11815, 15120. Underlined  
heard his QTH. Richard Utter heard  
same sked on air July 18 except  
6135 was given as 6185. Try both?  
Tnx all who came to our aid. LT.

SAUDI ARABIA, BSKSA, to Sept 4, EE  
1000-1300 & 1900-2200 on 11855. Also  
FF 0500-0700 & 1700-1900 on 11855.  
Watts.

SOUTH AFRICA, RSA, EE to NA will be  
on 9585, 11800, 11900 after Sep 4.  
Currently using 5980, 9585, 11900.  
Wood.

SPAIN, RNE, EE to NA 0100-0400 on  
6065 & 11880. To Europe on 9505 &  
11840 @ 2030-2230. All ex Su. All  
from Arganda (Madrid) 100kw.  
Cabos, Ricci.

SWAZILAND, here is a mystery sked  
from unknown bdcstr & no mention  
of lang.  
0430-0615 on 3275 & 7255.  
0630-0905 on 5055 & 11760.  
1630-2035 on 3275. I would guess that  
it's TWR. LT. Sibus.

SWITZERLAND, SBC, EE to NA is  
0145-0215 on 5965, 6135, 9725, 11715  
0430-0500 on 9725 & 11715.  
1315-1345 on 15140.  
DX pgm 2nd & 4th Sa. Yajko.

TOGO, Rdif. du Togo, from QSL,  
FF,EE, Vernac.  
M-F 0530-0900, 1200-2300.  
Sa-Su 0530-2300.  
5047 used 0530-0803, 1703-2300.  
7265 used 0803-0900, 1200-1703.  
Hall.

U.S.S.R., R. Kiev, EE to Europe  
1930-2000 on 7390, 7310, 7205.  
EE to NA 0030-0100 on 7150, 7205,  
9720, 11720, 15180, 15405. And from  
0300-0330 on 7205, 7390, 9610, 9720,  
11790, 12020, 12050, & 15425.

R. Moscow EE to NA changes  
2230-0200 To July 31: 9650, 9660,  
From Aug 1: 7130.  
0200-0400 same plus 7290 from Aug 1  
0330-0730 to July 31: 15100, 15180.

Here are excerpts from Roger Legge's  
USSR HF Broadcast Newsletter.  
NA Svc 2230-0400 Radio Moscow  
11960 Kenga (Novosibirsk)  
11870 Kaunas (Sofia) 2300-0300  
11850 Vinnitsa (Simferopol)  
11750 Lvov (Plovdiv) to 0000  
9720 Kiev (Nikolayev) 2230-2300  
9700 Chita (Sofia) 0130-0400  
9685 Moscow (Simferopol)  
9665 Kenga (Vinnitsa)  
9600 Moscow (Nikolayev)  
9530 Moscow (Plovdiv) from 0030

R. Kiev, R. Vilnius, R. Rodina ECNA  
2300-2330 Vilnius 9610 9720 11770  
11790.  
0030-0100 Kiev 7150, 7205, 9720,  
0300-0330 Kiev 7205, 9610, 9720,  
11790.

To WCNA:  
2300-2339 Vilnius 11720 15180 15405  
0030-0100 Kiev same.

R. Moscow to WCNA:  
15180 Petropavlovsk (Yuzhno-Sakhal-  
15100 Khabarovsk (Vlad.) insk)  
12050 Khabarovsk (Petropavlovsk)  
12020 --- "  
12000 Khabarovsk (Nikolaevsk)  
11720 " "  
11590 " "  
9710 Petropavlovsk "  
9635 Vladivostok (Khabarovsk)  
Site is one indicated with probable  
actual site in ().

If you would like 4 pages of really  
good info on USSR stns incl skeds,  
changes etc. why not subscribe to  
UHN. Write Roger @ Box 232, McLean,  
VA, 22101. It's only \$3/12 issues.  
That's it for this mo. Watch for  
major changes most broadcasters in  
Sept. 73s, good DX, Larry.



Editor:

KEN COMPTON  
7 Mount Vernon Street  
Brighton, MA 02135

Deadline: 15th

UTILITY

REPORT

Praise for the new SPEEDX UTILITY GUIDE is arriving daily from both the U. S. and abroad. Its interest and usefulness is acclaimed by ute DXers everywhere! If you don't already have it, order from SPEEDX HQ now (\$6.95 sent bookrate to anywhere in the World).

QSLs

All freqs in khz

ALASKA: NOJ USCG Kodiak 5696. PFC 15d for ms. 8.5kw (Simon-NY)  
AUSTRALIA: VHG PMG Lyndhurst 12000. F/d fldr 60d air for no rp (Unruh-CA)  
CANADA: XJT29 Eddie Point NB 2182. PFC 25d for IRC. 1kw. (Holbrook-MD)  
ENGLAND: GFT26/27 Bracknell Meteo 5793. F/d ltr 46d, IRC rtrnd (Denissen-H)  
HAWAII: WWVH Kauai 15000. Date & freq Aloha cd 30d for ms. (Unruh-CA)  
HOLLAND: RM Kootwijk 17416. F/d ltr 15d air for no rp. (Bowers-TURKEY)  
ITALY: IRH31 ITALCABLE Rome 10135. F/d map cd 12m surface for EE report & an IRC. VS: unintelligible. (Watts-IN)  
JAPAN: JCK Nippon T&T Kobe 4250. PFC 4d for SASE. (Wakisaka-JAPAN)  
JCS Nippon T&T Choshi 4349. F/d cd 7d for ms. (Wakisaka-JAPAN)  
JOS Nippon T&T Nagasaki 8437. Map ltr w/confirmation & asked in 5d for ms. VS: Kimura. (Wakisaka-JAPAN)  
LEBANON: CDR4 PTT Beirut 13101. F/d ltr for EE rpt & IRC 4924 (Denissen)  
U.S.A.: NME USCG Charleston SC 2670. PFC 14d for ms. 1.5kw (Simon-NY)  
NEM37 USCG Fort Macon NC 2670. NO data ltr 2w. (Simon-NY) Any RP, Dave?  
NEM13 USCG Loran Cape Hatteras NC 2671.4. PFC 2w. 150w (Simon-NY) RP Dave?  
Oakland CA VOLMET 13344. PFC in 6d for ms. (Granone-IN) Same in 7d for no RP (George-TX) Congratulations on your 1st ute QSL, Charlie!-Ed.  
SHIPS: DNGR "Oliva" tanker @ 15-05.9N/73-15.8W 2182. Ltr 32d (Holbrook)  
Freighter "Paula J." H03519 400mi. NE of St. Maarten 2182. PFC in 106d for IRC. (Holbrook-MD) This is Hank's Ship QSL \$3,000!!!  
GROR "Kurdistan" tanker 250mi. W of Azores! 2182. 3p handwritten ltr in 28d air for 1 IRC. 400w. (Holbrook-MD)  
MGE USS "William R. Rush" DD714 2716. PFC in 8d (QTH: off Newport).  
400w. VS: RMN Robert L. Heath (Simon, NY) Return Postage, Dave?  
MCRP USS "Adroit" minesweeper 2716. PFC 3w. 35w. (Simon-NY) RP, Dave?  
NIYY USS "Bigelow" DD-942 2716. PFC 2w. (Simon-NY) RP?  
NLDL USS "Milwaukee" AOR-2 2716. F/d photo of ship 2w for ms (Simon-NY)  
NMAP USS "Freeland" fast frigate 2716. PFC 8d for ms. 25w. (Holbrook-MD)  
NMXU USS "Santa Barbara" off Charleston SC 2716. PFC 434 (Holbrook-MD)  
NFFS USS "Manley" DD-940 at 31N 81W 2716. PFC & 8x10 color ship photo in 44d for ms. 300w. (Holbrook-MD)  
NQRS USS "Salinan" ocean tug 2716 PFC 10d for ms. 15w. (Holbrook-MD)  
NZOC USS "Mahan" Guided Missile Frigate 2716. PFC 51d for ms (Holbrook)  
USS "Will Rogers" 2716. PFC in 12d for ms. (Holbrook-MD)  
NOVJ USS "Canisteo" A099 2716. PFC in 2w. 300w. (Simon-NY) RP, Dave?  
NCEG USS "Portland" LSD-37 2716. PFC in 2w. 100w (Simon-NY) RP?  
NYRD USS "Leader" minesweep 2716. PFC 14d. 35w (Simon-NY) RP?  
NINM USS "Detector" M80-29 2716. PFC 10d. (Simon-NY) RP?  
USS "Orion" AS-18 sub tender 2716. PFC in 2w for ms (Simon-NY)  
NHMF USNS "Waccamaw" T-AO-109 2716. Ltr w/all data except freq in 2w for ms. VS: RM3 David Hayes (Simon-NY)  
NJOR USCGC "Gallatin" 6521.8. PFC & ltr 4m for ms, + 15pp of mission information! (Gebhardt-IA)  
NPCR USCGC "Dallas" 6521.8. PFC & ltr 42d for ms. (Gebhardt-IA)  
NRFJ USCGC "Northwind" 6521.8 PFC & ltr in 72d. (Gebhardt-IA) RP, Jim?  
GSES "King William" bulk carrier 8363.3. Ltr 1m for IRC (Holbrook-MD)  
AIRCRAFT: Air France 256 2931. Ltr in 22d air for IRC 125w (Holbrook-MD)  
N111AK American Capital 2931. PFC 37d for ms. 400w. (Holbrook-MD)  
CFRD Empress 322 3467. Ltr & plane photo 26d for IRC (Holbrook-MD)  
Continental 608 3467. PFC 10d for ms. 400w. (Holbrook-MD)  
N905WA Western DC10 on ground at Honolulu! 3467. PFC in 17d for ms. 200w. "Ready for takeoff" bound for L.A. CA (Holbrook-MD)

N903 Western DC10 3467. PFC & color photo of plane, QTH-over Ocean Station November, for ms. 200w (Holbrook-MD)  
 N412 American on ground at L.A. 5603. PFC 10d for ms. 100w(Holbrook)  
 ZKNZR Air New Zealand 556 5638. PFC & acft cd 17d for ms. 120w. QTH: 100mi. N. of W. Samoa. (Holbrook-MD)  
 OUT OF ORDER: (Sorry!)  
 U.S.A.: KMI AT&T Dixon CA 8738.4 date only map cd 12d for ms (Gebhardt-IA)  
 WOO AT&T Manahawkin NJ 8757 date only cd 3m for ms (Gebhardt-IA)

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The Utility Report is overwhelmed with loggings this month! Please try to limit your contributions to your better loggings. One member sent 185 this month! We admire enthusiasm, but please don't send more than one logging for each station on a single freq. Also, be very careful in deciding what freq you heard -- many are obviously incorrect as submitted. Do not indicate a freq was measured (m) unless it was measured with a BC-221 or its equivalent in accuracy. This cannot be done with a crystal calibrator or a direct-freq readout rx no matter what the quality. Only a good freq meter or digital freq counter properly used can yield the accuracy needed for use axing. Anything less can be very misleading.

Also, please include all the information indicated on the ute report form whenever it is available. "Station Name" means the name of the company or government agency operating the station. "Call" means the ITU assigned type of call (or tactical call) not, in the case of snips, the vessel identification number (which may be included under "Station Name"). If the call cannot be determined, strike that portion and give all the other identifying data you can.

The new SPEEDX Utility Guide is an unmatched aid for ute station identification and contains many freqs for most stations. If the freq cannot be measured nor found listed in the SUG or in other sources, please do not hesitate to list it as approximate (a). If you indicate any freqs to have been measured, include somewhere in the report how you measured it, i.e., with a BC-221 or whatever. Including it at the beginning of your report with your rx is fine.

And finally, before you send your loggings in, CHECK them for accuracy and completeness! This will insure them to be of the most interest and value to your fellow SPEEDXers.

All times GMT LOGGINGS All freqs in khz

Larry Cotariu reports that the RAF has been flying troops and supplies to Belize because of the Guatemalan war rumblings. The flights work a Nassau, Bahamas aeradio, and ID as "RAF AIR", on a freq slightly below Canadian RCAF freq, on USB. See his logging under AIRCRAFT.

NORTH AMERICA

<b>ALASKA:</b>	2980	0726	KIS70 Anchorage VOLMET OM aero wx AM (Hall-CA)
	5696	0559	NOJ USCG Kodiak wkg #1467 USB (Simon-NY)
	6210.6	0530	WIA402 Fish Fleet Base OM EE w/KC239 USB(Trubee)
	8463a	0447	NOJ USCGAS Kodiak CQ mkr CW (Hall-CA)
	8903	0325	KIS70 Anchorage VOLMET OM EE aero wx AM(Granone-NM)
	13344	0456	KIS70 Anchorage VOLMET aero wx AM (Gebhardt-IA)
<b>CANADA:</b>	6705	0031	CHR Trenton Military OM EE aero wx AM (Compton-MA)
	8453	0625	VAI CCG Vancouver V mkr CW (Trubee-HI)
	8652	0654	VFG Gander VOLMET OM EE aero wx AM (Hall-CA)
	8697	0559	CFH Navy Ellerhouse NS V mkr CW (Trubee-HI)
	8813.4	0315	VAI DOT Vancouver BC EE tfc USB (Granone-NM)
	8868	0520	VFG Gander VOLMET OM EE Aero wx AM (George-TX)
	8889	2000	VFG Gander Aeradio OM EE wkg TWA309 SSB (Agner-NJ)
	13272	0420	VFG Gander VOLMET OM EE aero wx AM (Granone-NM)
	15035	2245	CJX St. Johns Mil MFDDL OM EE aero wx USB(Stuart-MA)
<b>GREENLAND:</b>	14900	2030	GTO Godthaab YL EE travel vm SSB (Machakian-NY)
<b>MEXICO:</b>	4285	0332	XFM Manzanillo de Colina R. CQ mkr CW (Hall-CA)
<b>U.S.A.</b>	2662	0432	NY151 USCG Rockaway NY cutter tfc USB (Simon-NY)
	2670	0325	NYC11 USCG Humboldt Bay CA tfc SSB (Gaede-CA)
		0428*	NMB USCG Charleston SC OM EE Securite USB(Watts-IN)
		0120	NY154 USCG Short Beach NY tfc AM (Simon-NY)
		0506	MMQ USCG Long Beach CA OM EE marine wx SSB(Gaede-CA)
		0526	NYC USCG SanFran CA OM EE wkg MDLK SSB (Gaede-CA)
	2694	0100	NYF21 USCG Castle Hill RI w/#44349 USB (Simon-NY)
		0106	NYF26 USCG Pt. Judith RI w/#44349 USB (Simon-NY)
		0125	NYEN USCG Lightship Nantucket wkg Chatham USB(Simon)
	2980	0538	KSF70 Oakland VOLMET aero wx AM (Gaede-CA)
	4396.6	0745	KMI ATT Oakland CA marine tfc LSB (Granone-NM)

4422.2	0510	WLC Central R/T Rogers City MI wx USE (Granone-NM)
5652	0200	WSY70 NY VOLMET OM EE aero wx ALI (Stone-ONT)(Brodsky)
5696	2310	NMY USCG NYC wkr CG#1346 USE (Simon-NY)
5970	0335	NAR USN Key West FL NAM/NTS NUKC multicall V mkr CW (Watts-IL)
5696	0458	NOR USCGAS San Diego CA OM EE wkg 1482 USB(Gebhardt)
5680	0540	NMY5 USCGAS Astoria OR phone patch tfc USE(Gebhardt)
5692	1430	NOM USCGAS Chicago OM EE wkg #1370 USB (Gebhardt-IA)
6521.8	0532	NMN USCG Portsmouth VA OM marine wx USE (Gaede-CA)
6738	1532	AFI McClellan AFB CA Skyking beat SSB (Hall-CA)
7651	0350	VCA EE & unkn lang feeder to Munich SSB(Maghakian) 0430 2 EE feeders USB & LSB (Brodsky-NY)(Hall-CA)
7770	0415	VCA Bethany OH EE feeder USE (George-TX)
8200a	2310	KMI ATT Oakland CA EE tfc USB (Gaede-CA)
8459a	0444	MLF USCG Boston MA CQ mkr CW (Hall-CA)
8525	0635	WNU TR&T Slidell LA CQ mkr CW (Trubee-HI)
8576	0548	WCC RCA Chatham MA V mkr CW (Trubee-NI)
8729	0123	NMA USCG Miami FL OM EE tfc USB (Maghakian-NY)
8754	0458	WOO ATT Manahawkin NJ OM EE rolcall SSB (Unruh-CA)
8760.8	0412	NMT USCG Portsmouth NJ OM EE wx USB (Walters-NJ)0535 (George-TX) 2230 (Granone-NM)
8785a	2300	WWD BuCom Fisheries La Jolla CA OM EE wx USB(Granone)
8792.8	0129	WOM ATT Fort Lauderdale FL OM EE tfc SSB (Brodsky-NY)
8989	0334	AFI McClellan AFB CA OM EE Foxtrot beat USB(Gebhardt)
9905m	0505	WOC AT&T OceanGate R. Manahawkin NJ OM EE vm LSB (Schipelliti-MA)
10015	0713	WED40 AT&T NYC OM EE vm then tfc USB (Franck-VA)
10237	2030	VCA Greenville NC Serbo-Croat & unknown language feeders to Munich USB & LSB (Maghakian-NY) 2155 RR feeder USB (Brodsky-NY)
11176	1820	AFG37 Scott AFB OM EE wkg Kelly AFB Command Post & "Gulfstream" USB (Agner-NJ)
11246	0249	AFES USAF MacDill FL OM EE tfc USB (Novello-NY)
9278.5	0452	NMN73 USCG Carolina Beach Loran wkg NOL USB(Simon-NY)
13151.2	2104	WOM AT&T Ft Lauderdale OM EE wkg acft 3ZAA(A. Mason)
13154.5	1900	WOM AT&T Ft Lauderdale OM EE tfc USB (Granone-NM)
13161.5	0500	KMI ATT Oakland CA EE tfc USB (Granone-NM)
13182.5	0405	KMI ATT Oakland CA OM EE wkg "Mermaid" SSB(Hall-CA)
13272	0400	WSY70 NY VOLMET OM EE aero wx AM(Granone-NM)(Unruh)
14896a	1710	"Cape Radio" & "Orion Control" NASA Cape Kennedy FL wkg Agar 27 acft w/tech & wx info USB (Olsson-GT)
15015	1814	AFG37 Scott AFB IL YL EE wkg 854 USB (Agner-NJ)
15175.5	1700	WOO OceanGate R. Manahawkin NJ OM EE vm USB(Granone)
16973.6	1954	WCC RCA Chatham MA V mkr CW (Hall-CA)
17256.4	2130	NCE USCGAS North Bend OR manual CQ fol by tfc CW (Compton-MA)

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CARIBBEAN

BARBADOS:12709	0250	SPO C&W St. Philip ID mkr CW (Thompson-NM)
9278.5	0452	NOL Bermuda Monitor wkg NMN73 USB (Simon-NY)
CUBA: 7815	????	CLA262 IRTS Bauta music mkr AM(Smith-MA) Time, Wade?
8515	0558	CLS EMRAIN La Fé CQ mkr CW (Hall-CA)
12917a	1730	CLS EMRAIN La Fé CQ mkr CW (Walters-NJ)
13474	????	CLA223 IRTS Bauta music mkr AM(Smith-MA) Time, Wade?
CURACAO:8694	0557	PJC GRTA Willemstad CQ mkr CW (Trubee-HI)
8959	0515	PJG Aeradio OM EE wkg acft USB (Granone-NM)
MARTINIQUE:10155	0452	PZF5 FTS Fort de France YL EE/FF vm USB (Simon-NY)
8554	0557	FUF French Navy Fort de France V mkr CW (Hall-CA)
22313a	1600	FUF French Navy Fort de France V mkr CW(Cohen-NJ)
PUERTO RICO:8945	0529	WVA3 San Juan Aeradio wkg NY Aeradio USB(Gebhardt)
12700a	0612	NMR USCG San Juan CQ mkr CW (Trubee-HI)
TRINIDAD:8710	0105	9YL TEXEL Port of Spain V mkr CW (Thompson-NM)

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CENTRAL AMERICA

COSTA RICA:8478	0205	TIM CORAIN Limón V mkr CW(Hall-CA)0316(Newell-BC)
PANAMA CZ:5710	0925	AHF Albbrook AFB OM EE wkg MAC60171 USB(Gebhardt-IA)
15015	2150	AHF Albbrook AFB Balboa wkg Vista 15 SSB (Cohen-NJ)

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SOUTH AMERICA

BRAZIL: 8502	0125	PFL D.P.T. Salinopolis V mkr CW (Thompson-NM)
12753	0435	PWZ USN Rio de Janeiro V mkr CW (Cohen-NJ)

	22352.5	1150	PRR D.F.T. Rio de Janeiro V mkr CW (Denissen-HOL) 1945 (Cohen-NJ)
CHILE:	4296	0614	CCS Navy Santiago V mkr CW (Trubee-HI)
	6480	0657	CCS Navy Santiago V mkr CW (Hall-CA)
PARAGUAY:	14580	1700	ZPG45 ATELCO Asuncion SS feeder relaying R. Primero de Marzo RCUSB (Agner-NJ)
VENEZUELA:	17141.6	2040	YV3 MinCom La Guaira V mkr CW (Cohen-NJ) 2132 (Hall-CA)
			*****
			EUROPE
AZORES:	8967	0346	CUW USAF Lajes AFB OM EE Foxtrot t/c USB (Gebhardt-IA)
	8445	0548	CSY Santa Maria Aeradio OM EE/SS w/WSY7ø (Gebhardt)
	8945	0648	CSY Santa Maria OM EE w/kg Flying Tiger SSB (Hall-CA) 0710 w/kg acft in Atlantic USB (Granone-NM) over Atl.!
BELGIUM:	8652	0220	OST4 RT&T Ostend V mkr CW (Thompson-NM) 0600 (Hall-CA)
	13067	0416	OST5 RT&T Ostend CQ mkr CW (Newell-BC)
CZECHOSLOVAKIA:	5575	0248	OKL Prague VOLMET YL EE aero wx AM (Maghakian-NY)
DENMARK:	6446.8	0345	OXZ3 DGPT Lyngby CQ mkr CW (Watts-IN)
	10240	0352	OXR2ø DGPT Skamlebaek YL EE vm SSB (Maghakian-NY) 2105 (Olsson-CT)
	10605	1147	OXR4ø DGPT Skamlebaek YL EE/Dan vm SSB (Denissen-HOL) 2203 (Simon-NY)
	11415	1118	OXR61 DGPT Skamlebaek YL EE/Dan vm SSB (Denissen-HOL) 1820 (Agner-NJ)
	12753.5	0245	OXZ62 D.G.P.T. Lyngby CQ mkr CW (Thompson-NM)
	14830.5	????	OXR54 PTT Copenhagen YL EE vm LSB (Smith-MA) Time, Wade
ENGLAND:	7727	0122	KRH5ø US Embassy London QRA mkr CW (Compton-MA)
	3310	0322	KRH5ø US Embassy London QRA mkr CW (Compton-MA)
	11200a	0527	NVU RAF West Drayton OM EE aero wx USB (Simon-NY)
	11235a	2345	MKL RAF Tynemouth W39A 1IAS coded t/c CW (Compton-MA)
	12127	2320	BBC Daventry EE/unkn lang feeders on USB & LSB (Novello-NY) RR feeder to Cyprus LSB 1240 (W. Smith)
	12835.5	0625	GKB5 BPO Portishead ID mkr CW (Trubee-HI)
	16330	1710	GKX61 BPO Bristol OM EE w/kg "Lucerne" USB (A. Mason-O)
	17270	1635	GKU61 BPO Portishead OM EE w/kg 5MJQ USB (A. Mason-ONT)
FINLAND:	12687	1005	OFJ4 PTT Helsinki CQ mkr CW (Denissen-HOLLAND)
FRANCE:	6970a	0054	Intntl Network Paris OM EE vm USB (Compton-MA)
	8522	0205	FFL4 PTT S. Lys CQ mkr CW (Thompson-NM)
	10340a	0333	Intntl Network Paris OM FF/EE vm SSB (Watts-IN)
	10765	0239	FFX76 Intntl Network Paris OM EE/FF vm USB (Novello)
	11005	2151	FFL FTS Paris OM FF vm USB (Agner-NJ)
	12678	0622	FFB6 PTT S. Lys CQ mkr CW (Trubee-HI) 1005 (Denissen-H)
	13172a	0340	Intntl Network Paris OM EE vm SSB (Maghakian-NY)
	14133.9	2335	Intntl Network Paris OM FF/EE vm USB (Stuart-MA)
GERMANY, E.:	18535a	1000	U.D.P. Berlin OM EE/FF/GG vm SSB (Junqua-JAPAN)
GERMANY, W.:	18518a	0313	DAN Norddeich R. CQ mkr CW (Newell-BC)
	15775	0000	R. Free Europe Holzkirchen unkn lang feeders to Lisbon on USB & LSB (W. Smith-MA)
	16890.4	1830	DAM Norddeich R. V mkr CW (Cohen-NJ)
GIBRALTAR:	8625	0225	GYU BRN ID mkr s l o w CW (Thompson-NM)
	12325	2108z	GYU BRN ID QSX mkr CW (Compton-MA)
GREECE:	8704	0240	SVA Athina I R. CQ mkr CW (Thompson-NM)
	12867	1909	NGR USN Marathon Bay w/kg KZBK SSB (Simplex Secondary Ship/Shore) (Sueoka-HI)
HOLLAND:	8514	0245	PBC92 Navy Goeree V mkr CW (Thompson-NM)
	10302	2115	PKK3ø PTT Kootwijk OM EE vm USB (Olsson-CT)
	12768	0503	PCH5 PTT Scheveningen CQ mkr CW (Walters-NJ)
	12853.5	1700	PCH7 PTT Scheveningen CQ mkr CW (Cohen-NJ)
	13810	0220	PTT Kootwijk OM EE vm USB (Novello-NY)
	18626.5	1540	PCM98 PTT Amsterdam OM EE vm + mx SSB (Denissen-HOL)
ICELAND:	8518	2358	NRK Reykjavik NAM multical NUKO V mkr CW (Compton-MA)
ITALY:	13372	2140	ITALCABLE Rome YL EE/It vm USB (Olsson-CT)
	22378	2145	IAR2 MP&T Rome V mkr CW (Cohen-NJ)
POLAND:	16200a	0846	PTT Warsaw OM EE vm SSB (Denissen-HOLLAND)
PORTUGAL:	6389	0356	CTP NATO Oeiras ID QSX mkr CW (Compton-MA)
	8469	0205	CUL8 CPRM Lisbon CQ mkr CW (Hall-CA)
	8552	0235	CTP NATO Oeiras ID mkr CW (Thompson-NM)
	12829	1015	CTP NATO Oeiras ID mkr CW (Denissen-H) 2100 (Compton)
SPAIN:	7705	0110	AOX USN Moron AFB Rota NAM multical V mkr CW (Compton)
	12717	0028	EBA Navy Madrid EBCQ V mkr CW (Walters-NJ) (Cohen-NJ)
	12934	0116	EDX5 EMNATEL Valdecas CQ mkr CW (Walters-NJ)
SWEDEN:	12818	2011	SAB62 A.C.T. Göteborg CQ mkr CW (Hall-CA)



SWITZERLAND:19585 0641 HE08 Swiss T&T Berne YL EE/FF/It vm SSB (Simon-NY)  
 U.S.S.R.:8330a 0305 Kiev? Narrow-band pulser (Compton-MA) 7/1/77  
 10120 2237 R. Moscow EE NA Svc feeder SSB (Maghakian-NY)  
 12160 ??? RGD25 PTT Moscow YL EE vm LSB (W. Smith-MA)Time, Wade  
 12165 1845 RKB78 Moscow R/T YL EE vm SSB (Maghakian-NY)  
 15014a 1814 Kiev? Pulser centered here QRMing AFG37 (Agner-NJ)  
 15040a 0529 Kiev? Pulser, also on 14159, 14111, & 14069(Newell)  
 15075a 0527 Minsk? Pulser QRMing BBC(15070) 5/26 (Newell-BC)  
 19070a 0842 Moscow R/T YL EE vm AM (Junqua-JAPAN)  
 20400a 1605 Minsk? Pulser - highest pulser freq noted (Newell)  
 YUGOSLAVIA:16942.5 0940 YUR9 PTT Rijeka V mkr CW (Denissen-HOLLAND)  
 SPAIN: 5917.5 0350 AOK USN Rota NAM/NST multical V mkr CW (Watts-IN)

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AFRICA

AFARS&ISSAS:13042a 0456 FUV Fr. Navy Djibouti V mkr CW(Walters-NJ)  
 CAMEROON:9045.5 0306 TJP90 INTEL CAM Douala YL FF/EE vm LSB (Novello-NY)  
 15832 0651 TJP58 INTEL CAM Douala YL EE/FF vm USB (Simon-NY)  
 CENTRAL AFRICAN EMPIRE:11020 0540 TLZ2 FGR Bangui YL EE/FF vm USB(Simon)  
 CHAD: 14972a 2300 STIC N'djamena EE/FF vm USB (Olsson-CT)  
 16415a 1550 STIC N'djamena YL EE/FF vm SSB (Koizumi-JAPAN)  
 CONGO: 18265a 1453 STIC Brazzaville YL FF vm SSB (Koizumi-JAPAN)  
 EGYPT: 8959 0234 Cairo Aeradio clg Khartoum Aeradio USB (Simon-NY)  
 HONGKONG:20475 0917 ZEM97 C&W YL EE vm SSB (Junqua-JAPAN)  
 IVORY COAST:9470 0710 TUA59 INTEL CI Abidjan YL EE/FF vm AM (Franck-VA)  
 18436.5 1545 TUP84 INTEL CI Abidjan YL EE/FF vm SSB (Koizumi-J)  
 20128 1446 TUA320 INTEL CI Abidjan YL EE/FF vm SSB(Junqua-JAPAN)  
 MALAGASY:10515 0337 5RMS STIMAD Tananarive YL EE/FF vm USB (Simon-NY)  
 16020a 0515 MRIC Tananarive YL EE/FF vm, tfc SSB (Franck-VA)  
 MALI: 10694 0628 TZB910 TelInt Bomako YL EE/FF vm USB (Simon-NY)  
 18295 0753 TZA218 YL EE/FF vm TELINT Bomako SSB (Junqua-JAPAN)  
 RWANDA:16010 1748 S/T Kigali YL EE/FF vm USB (Simon-NY)  
 SENEGAL:8998 0100 6W Fr. Navy Dakar V mkr CW(Hall)(Newell)(Walters)  
 SOMALIA:19400 0557 60P26 PTT Mogadiscio OM AA/It/EE vm USB (Simon-NY)  
 S. AFRICA:4247 0608 ZRE2 Cape Naval R. Simonstown ID mkr CW (Trubee-HI)

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ASIA

BAHREIN:12709 1631 A9M C&W CQ mkr CW (Denissen-HOLLAND)  
 14623 1310 A9M68 C&W YL AA/EE vm SSB (Denissen-HOLLAND)  
 CHINA: 8491 1044 XSQ CGRA Kwangchow CQ mkr CW (Hall-CA)  
 8502 1535 XSG7 CGRA Shanghai CQ mkr CW (Thompson-NM)  
 HONGKONG:2980 0716 VOLMET OM EE aero wx AM (Hall-CA)  
 8903 1517 VOLMET OM EE aero wx AM (W. Smith-MA)  
 13941.5 0758 ZEO66 C&W YL EE vm SSB (Junqua-JAPAN)1000(Trubee-HI)  
 17096 2211 VPS C&W Cape d'Aguiar ID mkr CW (Sueoka-JAPAN)  
 18862.5 0857 ZEO89 C&W YL EE vm SSB (Junqua-JAPAN)  
 INDIA: 20535 0802 ATJ71 OTS Poona YL HHhd/EE vm SSB (Denissen-HOLL)  
 INDONESIA:16861.7 0358 PKI DDPL Jakarta tfc list CW (Sueoka-HI)  
 17031m 0555 PED DDPL Surabaya CQ mkr CW (Newell-BC)  
 ISRAEL: 8694 0235 AXO PTT&R Haifa CQ mkr CW (Thompson-NM)  
 JAPAN: 8547.5 1550 JFA Central Fishery Funabashi CQ mkr CW(Thompson-NM)  
 8903 0940 JMA Tokyo VOLMET OM EE aero wx AM (Granone-NM)(Hall)  
 KOREA,N.9270 1401 Central Wireless Relay Pyongyang YL EE vm (Junqua-J)  
 12100 0720 C.W.R. Pyongyang YL EE vm SSB (Junqua-JAPAN)  
 MALAYSIA:8698 0943 9MG2 DTG Penang CQ mkr & tfc list CW (Sueoka-HI)  
 PHILIPPINES:8586 1245 DZR RCA Manila CQ mkr CW (Hall-CA)  
 SAUDI ARABIA:10655a 0340 PTT Jeddah OM AA/EE vm USB (Simon-NY)  
 SINGAPORE:8718 1322 9VG20 TAS V mkr CW (Hall-CA)  
 20823.5 1156 9VC97 TAS YL EE vm SSB (Denissen-HOLLAND)  
 SRI LANKA:8441a 1259 4PB Dir Tel Colombo clg another sta CW (Hall-CA)  
 SYRIA: 16937 1340 YKW109 P&TE Damascus OM AA/EE vm USB (Simon-NY)  
 TAIWAN: 8441a 1259 XSW Kaohsiung R. ID mkr CW (Hall-CA)  
 USSR: 14996 0640 RTA C.E.N. Novossibirsk time tick CW (Simon-NY)

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OCEANIA

AUSTRALIA:6428.5 0552 VIX3 RAN Canberra CQ mkr CW (Trubee-HI)  
 6680 0832 VLS Sydney VOLMET aero wx AM(Hall)(Gebhardt)(Granone)  
 8478 1524 VIX Navy Belconnen CQ mkr CW (Hall-CA)  
 8597.5 0018 VIP OTC Perth CQ mkr CW (Walters-NJ)1545(Thompson-NM)  
 10017 0531 VLS Sydney VOLMET OM EE aero wx AM (Maghakian-NY)  
 12000 0400 VNG TA Lyndhurst time EE AM(Brodsky-NY)0430(Franck-VA)  
 0510(Maghakian-NY)0515(Novello)0601(Schিপellit1)  
 14535a 0920 VJP Gnarara OTC OM EE wkg Christmas Is. LSB(Trubee)

CHRISTMAS IS.:13995 0922 VLU AOTC OM EE wkg VJP LSB (Trubee-HI)  
 FIJI: 12700 2151 3DP P&T Suva CQ mkr CW (Sueoka-HI)  
 GUAM: 6521.8 0914 NRV USCG OM EE test count USB (Gebhardt-IA)  
 7581.5 0946 NRV USCG CM EE vm USB (Simon-NY)  
 8903 0950 KVM7Ø Honolulu VCLMET aero wx AM (Granone-NM)  
 HAWAII:12207 0402 NRO4 USCG Loran Fr. Frigate Shoals tfc USB(Sueoka-HI)  
 0411 NRO7 USCG Loran Kure Is. OM EE tfc USB (Sueoka-HI)  
 13029 0459 KHK RCA Honolulu V mkr CW (Walters-NJ)  
 13201 1751 AGA Hickam AFB OM EE wkg MAC5902 USB (Gebhardt-IA)  
 5979.4 0125 KHK RCA Honolulu V mkr CW (Cohen-NJ)  
 NEW ZEALAND:6393.5 0548 ZLB NZPO Awarua ID mkr CW (Trubee-HI)  
 8678 0603 ZLP2/4 Navy Wellington V mkr CW (Hall-CA)  
 8770.4 0545 ZLW NZPO Wellington wkg vessel SSB (Simon-NY)  
 NEW CALEDONIA:12698a 0350 FUJ Fr. Navy Noumea V mkr CW (Hall-CA)  
 SAMOA: 5920a 0750 G.W.S. Apia EE/Samoa tfc USB (Trubee-HI)  
 TAHITI:17040.8 2050 FJA26 OFIPOSTEL Mahina CQ mkr CW (Thompson-NM)

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UNIDENTIFIED

3810a 0652 OM SS time sigs AM (Franck-VA)  
 5300a 0205 "QRA de KWB78 QSX 3.1/3.8/5/10/14 ZRC2 K" CW (Compton-MA)  
 5780a 0422 "A" & "N" beacons on same freq CW (Hall-CA)  
 6510a 0235 "A" beacon CW (Compton-MA)  
 7600a 0130 OM SS time sigs AM (Granone-NM)0210 QRM fr DAL & RITY hvy  
 but last word is "Ecuador". Is this the new Ecuadorian time  
 sta mentioned in WRTVH?(Compton-MA)0350(George-TX)0410  
 (Hutchins-ME)0434(Newell-BC)0435(W.Smith-MA&CA!)  
 7890a 0047 "QRA de WFI27 WFK21 WFK28 WFN55 WFN2Ø WFN52 VIA PREWI NY AR  
 (Compton-MA)  
 8467.5a 0527 "K" beacon CW (Hall-CA)  
 8799 1740 KVH OM EE wkg research ships WTEQ & WTEW, switched to 6515.4  
 USB (Olsson-GT) Oceanographic Institute? Where? - Ed.  
 12750a 0245 ZZV?: "ZZV QSX 6295 K" CW (Compton-MA)  
 15004a 2258 Time tick, no ID thru 2315 CW (Hutchins-ME)

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INDIAN OCEAN

NEW AMSTERDAM IS.:8690 1155 FJY4 ATAAF S. Paul CQ mkr CW (Hall-CA)

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SHIPS

2678 0501 NBDT USCGC "Cape Shoalwater" wkg Miami USB (Simon-NY)  
 2707 0448 NJPJ USCGC "Reliance" OM EE wkg NMF Boston USB (Simon-NY)  
 2716 0021 NLDL USS "Milwaukee" AOR-2 wkg Norfolk AM (Simon-NY)  
 0740 NJVJ USS "Canistota" AO-99 clg Norfolk AM (Simon-NY)  
 0749 NYRD USS "Leader" MBO-490 clg Charleston AM (Simon-NY)  
 0853 NICE USS "Koelsch" FF-1049 wkg Norfolk AM (Simon-NY)  
 0949 USS "Manley" DD-940 clg Newport AM (Simon-NY)  
 1029 NTGE USS "William R. Rush" clg CQ AM (Simon-NY)  
 1100 USS "Spadefish" SSN-668 clg Yorktown USB (Simon-NY)  
 1126 USN Tug YTB-771 clg USS "Palute" AM (Simon-NY)  
 1155 NDWA USCGC "Morganthau" clg Charleston AM (Simon-NY)  
 1201 USS "Henry Clay" SSSN-625 wkg Portsmouth Control USB(Simon)  
 5696 0915 NRLD USCGC "Butwell" OM EE wkg Kodiak USB (Gebhardt-IA)  
 6521.8 0733 NRPN USCGC "Ironwood" OM EE wkg Kodiak USB (Gebhardt-IA)  
 0734 NODM USCGC "Hornbeam" OM EE wkg NMF Portsmouth USB(Gebhardt)  
 0746 NOTE USCGC "Redwood" OM EE wkg Kodiak USB (Gebhardt-IA)  
 0851 NHIC USCGC "Vigilant" OM EE clg NMF USB (Gebhardt-IA)  
 0852 NHKW USCGC "Confidence" OM EE wkg Kodiak USB (Gebhardt)  
 0954 MAQD USCGC "Jarvis" OM EE clg NMO USB (Gebhardt-IA)  
 1228 OSS "Oceanographer" OM EE clg NMC USB (Gebhardt-IA)  
 8363 1510 GOQH "Anco Templar" OM EE clg KOK CW (Thompson-NM)  
 12340 0040 GUVN "Cyclops" OM EE wkg GKU52 USB (A. Mason-ONT)  
 0135 6ZGO "Michael J. Golanres" OM EE wkg GKU52 (A. Mason-ONT)  
 2350 GZYB "Texaco Franklin" OM EE wkg GKU52 USB (A. Mason-ONT)  
 12555a 0555 3EZY "Yong Jin" clg JOR CW (Hardester-OKINAWA)  
 12867 0307 NAFD USNB "Gen. H.H. Arnold wkg NPN Guam CW (Sueoka-HI)  
 16467 1312 GRAX "Esso Dalmatia" OM EE wkg GKU52 (A. Mason-ONT)  
 1936 GPUM "Tantalus" OM EE wkg GKU62 USB (A. Mason-ONT)  
 16470 1635 GREQ "Texaco Sweden" OM EE wkg GKU61 USB (A. Mason-ONT)  
 1705 GNUE "Esso Hibernia" OM EE wkg GKU61 USB (A. Mason-ONT)  
 1715 GRAX "Esso Dimitri" OM EE wkg GKU61 USB (A. Mason-ONT)  
 2108 GMIR "Sir Lancelot" OM EE wkg GKU62 USB (A. Mason-ONT)



AIRCRAFT

5638 0430 TWA94 OM EE wkg Shannon Aeradio USB (Compton-MA)  
 5690 0210 CG#1482 OM EE wkg NMC on air rescue mission USB(Nemecek-CA)  
 0218 CG#1452 OM EE wkg Mexican ship USB (Nemecek-CA)  
 5696 0630 USAF Rescue 50986 OM EE wkg New Orleans USB (Simon-NY)  
 0812 CG#1392 OM EE survivor search after oil platform explosion  
 off Texas USB (Gebhardt-IA)  
 1053 CG#1488 re overdue vessel in Chesapeake Bay area (Gebhardt)  
 6540 0031 BGDG OM EE Eastern 247 wkg NY Aeradio USB (Stuart-MA)  
 0321 Dominican 2902 OM EE wkg Miami Aeradio USB (Compton-MA)  
 0340 Air France flight OM EE wkg NY Aeradio AM (George-TX)  
 6723 0030 Gull 34 Hurricane Hunter OM EE wkg NIP & Gull Monitor SSB  
 (Compton-MA)  
 8855 0903 Johnson 3330 #3 OM EE clg Honolulu SSB (Junqua-JAPAN)  
 8875 0435 Western 500 OM EE clg SanFran Aeradio AM (Hall-CA)  
 8879.5 0230 Clipper 842 OM EE wkg SanFran Aeradio USB (Nemecek-CA)  
 0245 Continental 606 OM EE wkg Honolulu Aeradio USB (Nemecek-CA)  
 0300 Western 564 OM EE wkg Honolulu Aeradio USB (Nemecek-CA)  
 0445 Western 580 OM EE clg SanFran for wx update USB(Nemecek-CA)  
 8883 1438 Kilo Kilo Tango 03 clg Bombay OM EE USB (Junqua-JAPAN)  
 8910 0305 Clipper 1401 @ 45N-40W OM EE wkg NY Aeradio USB(Nemecek-CA)  
 8959 0235 Alitalia 1939 OM EE clg Tripoli Aeradio USB (Simon-NY)  
 0305 Zambia 707 OM EE clg Tripoli Aeradio USB (Simon-NY)  
 8945 0648 Flying Tiger flight OM EE wkg Santa Maria Aeradio SSB(Hall)  
 8990 2115 Navy 90010 OM EE wkg AFI McClellan AFB CA USB(Nemecek-CA)  
 2050 Navy Jet JA06 OM EE clg AFI McClellan USB (Nemecek-CA)  
 8993 0806 Romeo 424 OM EE clg Clark AFB Philippines USB (Junqua-J)  
 11220a 1547 RAF AIR 683 OM EE phonepatch thru Scott AFB. AIR 683 prob-  
 ably directly over my QTH, 555 & Scott was 333 USB(Cotariu)  
 11236 2155 BRAY 28433 OM EE wkg Scott AFB USB (Compton-MA)

TACTICAL

4842a 0540 R9X OM EE relaying t/c for C9W USB (Agner-NJ)  
 9002a 1005 TANGO 7 OM EE clg BATTER UP & LIMA ECHO SSB (Junqua-JAPAN)  
 9027 1228 PEKING CONTROL OM EE wkg SKYKING AM (Hall-CA)  
 1515 FORD SKYKING OM EE wkg BROADLOOM in # code SSB (Hall-CA)  
 13241 0256 BLINDFOLD OM EE clg SKYKING SSB (Hall-CA)

"SPY" NUMBERS STATIONS

5345a 0810 YL SS 5-digit groups AM (Granone-NM) 6/29/77  
 5813a 0140 YL SS 4-digit groups AM (Stone-ONT) 6/30/77  
 6600a 0625 YL SS 5-digit groups AM 7/1/77 (Watts-IN)  
 6775a 0103 "VVV 149/24881/T5 24881/T5 AR" CW 6/29/77 -- YL 5-digit  
 SS often hrd on this freq, sometimes with "149" identifier.  
 Are the CW #s stations using V mkr's now? (Compton-MA)  
 6850a 0612 YL SS 5-digit "203 14 35" repeated several times, then "14  
 6/26/77 14 14" fol by 14 group msg, then "35 35 35" fol by 35 group  
 msg. "Final Final", 1 min. of carrier then off AM(Watts-IN)  
 7525a 0700 YL SS "Atencion" fol by 3-digit groups AM 6/26/77 (George-  
 TX) What were the 3 digits, Charlie? They were probably  
 the identifier & the group count. - Ed.  
 7850a 0626 YL SS 5-digit. Repeat xman of 0612 on 6850 (above) 7/1/77  
 (Watts-IN)  
 7915a 0503 YL SS 5-digit groups AM 6/18/77 (Brodsky-NY)  
 8875a 0700 YL SS 5-digit groups AM 6/28/77 544 (Granone-NM) 0708  
 7/5/77 444 (Hall-CA)  
 10230a 0705 YL SS "Atencion 241" repeated. 6/29/77 434 AM (Granone-NM)  
 10500a 0200 YL "Attention 163 54" fol by 5-digit groups. 0213:  
 "Attention 586 82" fol by 82 group msg. "Ende" 333 7/1/77  
 (Olsson-CT) EE, GG, or SS Eric?  
 11545a 0150 YL GG 5-digit groups, "Ende" 333 6/11/77 (Stone-ONT)  
 14620a 1616 YL GG 5-digit groups "Ende" 1618\* AM 333 7/3/77(Koizumi-J)  
 17590 1640 YL GG 5-digit groups AM 252 7/12/77 (Olsson-CT)

RADIOTELETYPE

CANADA: 7865 1605 VDD Debert NS Quick Brown Fox mkr! 60wpm 425 hz shift  
 (Olsson-CT)  
 SENEGAL:10407 2130 6VU Dakar RY mkr 60/425 (Olsson-CT)  
 SWITZERLAND:10433 2140 HBE90 VOA Berne RY mkr 60/425 (Olsson-CT)  
 UNIDENTIFIED:17368 1420 "Hay-nma" 5-letter groups 60/425 (Olsson-CT)  
 U.S.A.:17683 1410 WES47/WES37 RCA NYC RY mkr 60/850 (Olsson-CT)

# QSL REPORTS



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

Verified Countries -- 137

Deadline: 15th of month

After last month's tremendous effort, it looks like the summer blahs are here--only 55 reporters this month with about 350 reports--and only three first time reporters among them. Welcome aboard to the newcomers, and how about some of the rest of you new members helping to fill my mailbox?

This month Jim Young checks in with the first report from TWR Guam and Larry Cotariu submits (via a ricochet off Don Johnson) a transcript of the DX Corner program from Israel Radio of 3 July, 1977. The gist of the article is that Israel Radio will no longer automatically mail QSL cards to reporters, but will mail only to those respondents who desire and request a QSL card. In short, in addition to the usual date, time (GMT), fqy (kHz), SINPO rating and program details, your report must include a specific request for a QSL if you want a card. Seems fair enough. Many don't save the cards anyway, and it will save them a lot of unnecessary expense in postage and secretarial time. Now let's put the show on the road.

## Europe

**ALBANIA:** R. Tirana, 41 mb, date/mb cd "Haut Leve L'esprit Revolutionaire" (see below) in 92d air for 2 IRCs (BOWEN NS) (Card courtesy of Chester Howarth)



HAUT LEVE  
L'ESPRIT  
REVOLUTIONAIRE

**AUSTRIA:** Austrian Army Station, 6221, fqy only white cd w/stn emblem in 28d air for 1 IRC and GG rpt (ROUTENBURG ONT)

**ORF**, 2770, f/d "ORF Centre" cd in 59d air for no rp (PECK NY); 15435, same cd in 27d air for no rp (KLEMENS NJ)

**BELGIUM:** ORU, 6080, f/d blue/white ORU map cd in 80d air, no rp (GRANONE NM); 9730, same cd in 19-44d air for no rp (BRODSKY NY)(LOBDELL MA)(EATON WI) and in 25d air for 1 IRC (GEORGE TX)

**BULGARIA:** R. Sofia, 7115, f/d "Kukery" cd in 61d air, no rp (HOFFMAN PA), f/d "Bachkovo Monastery" cd in 82d air, no rp (SMITH FL); 9530, f/d "Climent of Ohrid University" cd in 60d sfc, no rp (SMITH FL); 9535, f/d "University of Sofia" cd in 42d air for 3 IRCs (RICCI CA) (Note: neither WRTH nor Larry Talbot lists either of the two previous fqys --are they nf, fellows? bc); 9700, f/d "Resort of Pamporovo" cd in 32d sfc, no rp (CABOS W. GERMANY)

**CZECHOSLOVAKIA:** R. Prague, 5930, f/d "Beskydy-Pustevny" cd in 93d air, no rp (FOWLER ONT), f/d b/w "Trotsky Castle" cd in 119d sfc, no rp (GRANONE NM), f/d cd "Bratislava--view of the Castle from across the Danube" in 153d air, no rp (LINK CA), same in 90d air, no rp (STONE ONT); 7345, f/d "Pustevny" cd in 92d air, no rp (SMITH FL); 17840, f/d "Presov" cd in 115d air, no rp (SMITH FL)



**DENMARK:** R. Denmark, 15165, f/d cd "Radichouse Aerial Tower" in 16d air, no rp (GEORGE TX), same in 42d air, no rp (ROGERS ME), same in 43d air for 2 IRCs (MARTIN CA)

**FINLAND:** R. Finland, 11755, f/d cd "Summer in Finland" in 30d air, no rp (BRODSKY NY), same in 35d air, no rp (LOBDELL MA), same + pennant in 91d air (MARTIN CA); 15105, f/d cd "Spring in Finland" in 43d air, no rp (FOWLER ONT)

**FRANCE:** R. France International, 15155, f/d cd "Le Chateau de Chenonceau Facade Ovest" in 36d air, no rp (SMITH FL); 15200, f/d cd "Couleurs et Lumiere de France" in 60d air for 2 IRCs (ONKEN IL), same + pennant in 23d air, no rp (LOBDELL MA); 15425, same cd in 100d sfc, no rp (HEATH KY)

**GERMANY (Democratic Republic):** RBI, 9730, f/d "Berlin Park" cd in 29d air for 2 IRCs (ONKEN IL), f/d multicolore bldg cd in 103d air for MS (GRANONE NM)

**GERMANY (Federal Republic):** RIAS-BERLIN, 6005, date/fqy b/w cd w/photo of RIAS bldg, in 2½ no, no rp, GG rpt (rcpn made on trip to Germany) (ROUTENBURG ONT)  
Suddeutscher Rundfunk, 6030, date/fqy large yellow cd w/"QSL" in white ltrs, 43d sfc for 2 IRCs (DONLY SC)  
Sudwestfunk, 7265, date/fqy cd, ear design w/superimposed sound waves (see SPEEDX, 12/76) in 38d sfc for 2 IRCs (DONLY SC)

**GREAT BRITAIN:** BBC, 7105, no data Thames bridge cd in 35-40d air, no rp (ARNOLD CA); 9580, same cd in 45d air, no rp (YOHANA NJ)  
VOA Relay, 7325, f/d Capitol cd w/site in 40d sfc (HOFFMAN PA); 9760, same in 6d sfc (KLEMENS NJ)

**GREECE:** V. of Greece, 9760, f/d plain white cd in 29d air for 1 IRC (ONKEN IL); 11730, same cd in 25d, no rp (GOTARU IL), same in 27d (KLEMENS NJ), same in 27d for 2 IRCs (THOMPSON NM)  
VOA Kavala Relay, 7270, f/d Capitol cd in 8d sfc (KLEMENS NJ)

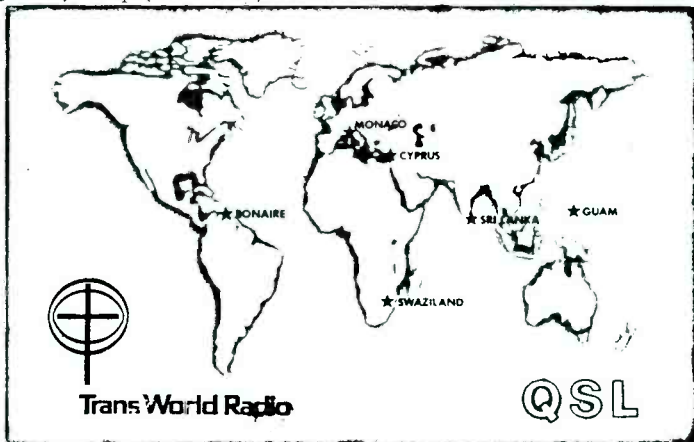
**HOLLAND:** R. Nederland, 11730, f/d cd w/editors of DX programs in 13d air, no rp (SMITH FL)

**HUNGARY:** R. Budapest, 7215, f/d cd w/view of city in 45d air, no rp (ARNOLD CA); 9832, f/d R. Budapest SW club cd in 245d sfc, no rp (GRANONE NM); 11910, f/d gray "Building" cd in 32d air for 2 IRCs (ONKEN IL)

**ICELAND:** Reykjavik Radio, 12175, f/d cd w/scenes of Reykjavik in 49d air for 2 IRCs (PRATER OR), same in 20d air for 2 IRCs (ONKEN IL)

**ITALY:** RAI, 6010, f/d "L'Aurora" cd, no time, no rp (MEEHAN CT)

**MONACO:** TWR, 7105, green/white map cd w/TWR sites (see below) in 65d sfc, no rp (HEATH KY), same in 145d sfc, no rp (GRANONE NM)



**NORWAY:** R. Norway, 15175, f/d cd "Kaupanger, Sognefjord" in 20d air, no rp (MILLER CA), same in 18d air, no rp (SMITH FL)

**POLAND:** Polskie R., 7270, f/d cd "Heraldic Arms of Polish Towns" in 37d air, no rp (PETERS KY), same cd, no time for 1 IRC (SMITH AL); 11815, same cd in 27d air, no rp (HEATH KY), same in 36d air, no rp (LINK CA), same in 44d air, no rp (BODELL OR)

**PORTUGAL:** Adventist World R., 9670, f/d orange photo cd + 1tr in 21d air for 1 IRC (BEAUDOIN CT)  
R. Free Europe, 15355, date/mb blue/white cd in 29d air for 1 IRC (ROGERS ME); 17735, same cd in 21d air, no rp (ROUTENBURG ONT)  
R. Portugal, 6025, f/d red Portugal World Map cd in 19d air for 1 IRC (ONKEN IL), f/d "Comissão Regional de Turismo da Serra da Estrela" cd in 25d, no rp (UNRUH CA), f/d "Tupercaria" cd in 60d air, no rp (ROGERS ME); 17880, f/d "Covilha Tourist" cd in 21d air, no rp (FOWLER ONT); no fqy, "Basketwork" cd in 21d air, no rp (MEEHAN CT), date only "Spinning" cd in 14d air, no rp (CABOS W. GERMANY)

....Overeating is the destiny that shapes our ends.....

**ROMANIA:** R. Bucharest, 5990, f/d cd "National Costumes of Cluj Region--Western Mountains" in 70d air, no rp (BOWEN NS), f/d cd "Young girl of Muscel Region" in 73d air, no rp (BOWEN NS), "Romanian Athenaeum" cd in 90d sfc for 1 IRC (SMITH MD); 11940, f/d cd "Calea Victoriei" in 85d air, no rp (GRANONE NM); 15240, f/d "Romanian Athenaeum" cd in 52d air, no rp (MAYER IL)

**SPAIN:** RNE, 6065, f/d antenna farm cd in 95d for 1 IRC (VOCKEROTH PA), same in 14d air, no rp (THOMPSON NM), same in 35d air, no rp (ARNOLD CA); 9630, same cd in 20d air, no rp (LINK CA); 11880, same in 17d air (THOMPSON NM)(YOHANA NJ), same in 18d air for SS rpt 2 IRCs (RICCI CA), same in 20d air, no rp (LINK CA), same in 25d air for SS rpt and no rp (UNRUH CA), same in 30d air, no rp, SS rpt (STONE ONT), same + pennant in 50d air, no rp (MARTIN CA)

**SWEDEN:** R. Sweden, 6045, f/d blue map cd + pennant in 17d air for 2 IRCs (MARTIN CA); 9695, same cd in 20d air, no rp (LINK CA); 11705, f/d 25th Anniversary stamp cd in 49d sfc, no rp (MAYER IL)

**SWITZERLAND:** SBC, 3985, f/d "The Two Bobs" cd in 94d sfc, no rp (SMITH FL); 6045, same cd in 90d sfc, no rp (UNRUH CA)

**USSR:**

**Azerbaijan SSR:** R. Moscow, 11920 (Baku), f/d "Skyscraper" cd in 51d air, no rp (ROUTENBURG ONT)

**Georgian SSR:** R. Moscow, 11905 (Tbilisi), f/d "Moscow Bldg" cd in 43d air for SS rpt, v/s Gertrude Fiodorova (MAYER IL)

**Kazakh SSR:** R. Moscow, 17850 (Alma Ata), f/d cd, pc and ltr from v/s Inna Lazarova, in 43d air (WAKISAKA JAPAN)

**Lithuanian SSR:** R. Moscow, 11870 (Kaunas), f/d cds "View of Kremlin from Moskva R." and "Flags of the Republics" in 32 and 41d air, no rp (SMITH FL)

R. Vilnius, 7150, f/d cd w/sketch of castle in 116d air, no rp (BIGELOW DE), same in 116d air (KLEMENS NJ); 7355, f/d cd w/drawing of city, 189d sfc, no rp (GRANONE NM); 9715, f/d cd w/sketch of Vilnius and yellow/green circles, 55d air, no rp (SMITH FL); 11720, city sketch cd in 37d air for 1 IRC (ISHIZAKI JAPAN); 15100, same + pennant in 68d air (ENIZA CA), f/d castle sketch cd in 98d sfc, no rp (LINK CA)

**RSFSR:** R. Moscow, 7160 (Moscow), 7170 (Moscow), 7200 (Armavir), 7210 (Zhigulevsk), 7390 (Moscow), 7440 (Moscow), 9530 (Moscow), 9660 (Koga), 9680 (Moscow), 9710 (Petrovsk-Kamchatsky), 11690 (Khabarovsk), 11720 (Khabarovsk), 11800 (Gorky), 11805 (Kazan), 11850 (Kazan), 12000 (Tula), 12020 (Kazan, Petropavlovsk-Kamchatsky), 12030 (Tula), 12050 (Moscow), 15140 (Ryazan), 15180 (Petrovsk-Kamchatsky), 15420 (Irkutsk), 15425 (Moscow), 17760 (Tula). (As always, please do not indicate a site for R. Moscow xmsns unless it is indicated on your QSL cd. Thnx. bc). F/d cds in 30-120d air, no rp. "CMEA Bldg" (GRANONE NM)(UNRUH CA)(YOHANA NJ)(LINK CA), "Kalinin Prospekt" (BOWEN NS)(VOCKEROTH PA)(UNRUH CA)(GRENIER CA)(LINK CA), "Moscow State Univ." (LINK CA)(UNRUH CA)(HOFFMAN PA)(SMITH FL), "Lenin Central Stadium" (UNRUH CA), "Grand Kremlin Palace" (VOCKEROTH PA), "View of Kremlin from Moskva River" (VOCKEROTH PA)(UNRUH CA), "Bldgs in Moscow" (SMITH FL), "Skyscraper" (UNRUH CA)(ROUTENBURG ONT)(GRENIER CA), "Rocket" (VOCKEROTH PA), geometric design cd (BRODSKY NY), clock tower and RM logo (BOWEN NS), no description (BEAUDOIN CT)(WAKISAKA JAPAN)

R. Peace and Progress, 15180, f/d yellow cd w/logo and sketch of old Moscow, in 61d air, no rp (SMITH FL); 15190, f/d woodland drawing cd in 25d air for 2 IRCs (ONKEN IL)

**Tadzhik SSR:** R. Moscow, 15220 (Dushanbe), f/d space memorial cd in 38d air, no rp (MAYER IL)

**Turkmen SSR:** R. Moscow, 11930 (Ashkhabad), f/d Moscow building cd, no time, SS rpt + personal ltr from v/s Gertrude Fiodorova (MAYER IL)

**Ukrainian SSR:** R. Kiev, 7400, f/d cd "Silhouette of the Kiev Pechersk Laura" in 91d air, no rp (SMITH FL); 11860, f/d cd "Taras Shevchenko Theater" in 78d air, no rp (THOMPSON NM), "Lybid Hotel" cd in 90d air, no rp (UNRUH CA); 12050, f/d "Lenin Museum" cd and logo cd in 63d air (2 rpts) (LINK CA); 15100, f/d cd "Bldg of the Ukrainian SSR Supreme Soviet" in 72d air and f/d "Boy and girl" cd in 83d air (MILLER CA)

R. Moscow, 7110 (Ivano-Frankovsk), f/d "Lenin Central Stadium" cd in 7 wks, no rp (VOCKEROTH PA); 11850 (Vinnitsa), f/d "Kalinin Prospekt" cd in 41d air (SMITH FL); 17820 (Kiev), "Skyscraper" cd in 51d air (ROUTENBURG ONT); 17885 (Vinnitsa), f/d "CMEA Bldg" cd in 50d air (SMITH FL), f/d cd, no desc., in 42d air (WAKISAKA JAPAN)

**Uzbek SSR:** R. Tashkent, 9600, f/d map cd in 50d air, no rp (MEEHAN CT)

**VATICAN CITY STATE:** Vatican Radio, 5990, f/d color cd of xmtr site in 11d air, no rp (BRODSKY NY); 11700, same cd in 14d air for 1 IRC (THOMPSON NM), same in 14d air, no rp (GRENIER CA), same in 16d air, no rp (MAGHAKIAN NY), same in 20d air, no rp (PECK NY)

#### Africa

**ASCENSION ISLAND:** BBC Atlantic Relay, 9580, usual no data bridge cd in 44d sfc, no rp (MILLER CA)

VOA Relay, 15185, f/d "Bicentennial Stamps" cd in 7d (BEAUDOIN CT)

**HENIN** (People's Rep.): ORTB, 4870, date/time African cartoon cd in 289d air for 2 IRCs (PRATER OR)

....Civilization: the advancement from shoeless toes to toeless shoes....

EGYPT (Arab Republic): R. Cairo, 9475, f/d cd "1st serial--3rd scene" in 91d air, no rp (FOWLER ONT); 9495, same cd in 26d air, no rp (LINK CA); 9805, f/d cd "Rameses II" in 37d air, no rp (SMITH FL)

GHANA: R. Ghana, 4980, f/d logo cd in 9 mo sfc for 2 IRCs, 4 tries! (ROUTENBURG ONT)

MALAGASY (Dem. Rep.): R. Nederland Relay, 11730, Harry Van Gelder cd in 9d, no rp (MAYER IL) f/d "Wooden Antenna Towers" cd in 30d air for 1 IRC, EE/SS rpt (STONE ONT)

MALAWI: MBC, 3380, f/d form ltr w/"hand drawn" map of Africa, in 63d air for 1 IRC (CABOS W. GERMANY)

MOROCCO: Rdif. TV Marocaine, 9515, blue/white map and tower cd in 322d sfc for 2 IRCs and EE/FF rpt (PETERS KY)

NIGERIA: NBC Lagos, 4990, f/d form ltr in 35d air, no rp (HALL CA), same in 40d air, no rp (ROGERS ME)

VON, 7275, f/d green/white coat of arms cd in 135d sfc, no rp (SMITH FL)

SEYCHELLES: FEBA, 11845, f/d orange map cd in 26d air for 1 IRC, v/s Mary Berry (BEAUDOIN CT)

SOMALIA (Dem. Rep.): R. Mogadishu, 9585, f/d antenna cd in 91d for 1 IRC (PRATER OR)

SOUTH AFRICA: R. RSA, 5980, f/d cd "Johannesburg--Lights of Rissik Street & Park Station" in 28d air, no rp (MEEHAN CT); 9585, f/d photo cd "Protea Cynaroides" in 23d air, no rp (BRODSKY NY), same in 28d, no rp (LOBDELL MA), same in 39d, no rp (MILLER CA); 21535, f/d color cd w/night view of Johannesburg, 23d air, no rp (LOBDELL MA)

SABC, 3980, f/d multicolored industries cd in 26d air for 1 IRC (HEATH KY); 9710, same cd in 84d air for 1 IRC (GRANONE NM)

SUDAN (Dem. Rep.): R. Omdurman, 11835, EE ltr w/verle statement and date only, in 68d air for 1 IRC, v/s Ali M. Ali (WAKISAKA JAPAN), same in 92d air for 3 IRCs (DONLY SC)

SWAZILAND: Swazi Musicradio, 4980, f/d cd in 28 mo air for 1 IRC, v/s C.D. Shaw (RADTKE CA) TWR, 3240, f/d antenna/native warrior cd in 21d air for MS (BAUMGARTNER ONT); 5055, same in 81d air for 1 IRC (GRANONE NM)

22nd January, 1977

with compliments

To: Carl O. Radtke.

I am pleased to confirm your reception report.

Date: 25th February, 1975  
 Time: 04.00 - 04.55 GMT  
 Frequency: 4980 kHz

We thank you for your interest.



*C.D. Shaw*

**C.D. Shaw**  
Asst. Chief Engineer.

**Swazi Musicradio**

P.O. BOX 941  
 MBABANE, SWAZILAND  
 SOUTHERN AFRICA

MUSIC RADIO (PTY) LTD. 611111 FOUR ATKINSONS DRIVE SU. 241 LOFT STREET  
 NANSIENBURG, PROSP. 21 9966 TEL: 436246 BOX 2314 JOH. BURG PARK 2044

TOGO: R. Togo, 5047, date/time green map cd in 40d air, no rp, FF rpt (HALL CA)

TUNISIA: R. TV Tunisienne, 7275, f/d cd "Terrasse du Palais d'Orient" in 3 wks air for 1 IRC (LOBDELL MA), same cd in 14d air for 1 IRC (RADTKE CA)

UGANDA (Republic): UBC, 15325, no data form ltr in 51d air for 1 IRC (FOWLER ONT)

Asia

CHINA (People's Republic): R. Peking, 9780, date/fqy blue cd w/white circles from bldg in 16d air (GEORGE TX); 11650, date/fqy "After the Performance" cd in 30d air (RADTKE CA) 15060, date/fqy cd of logging train in 13d air (RICCI CA), same in 17d air (MILLER CA), date/fqy "Beautiful Yao Mountains" cd in 20d air (PRATER OR); 17650, date/fqy cd with mountain scene and train in 21d air (MILLER CA), same in 95d air (SMITH FL), date/fqy "The Happiness Canal" cd in 21d air (SMITH FL)

CHINA (Republic): VOFC, 15425, f/d cd "Two geese on a Snowy Bank" + pennant in 30d air for 1 IRC (LINK CA)

INDIA: AIR, 9525, f/d cd "Humayun's Tomb, New Delhi" in 295d air, no rp (MEEHAN CT)

INDONESIA: RRI Manado, 3215, f/d cd + II ltr in 66d air for II rpt, no rp, v/s A. K. Tumundoh (WAKISAKA JAPAN); 9982, f/d cd + II ltr in 255d air for II rpt and 1 IRC (WAKISAKA JAPAN)

RRI Jakarta, 15200v, f/d II ltr in 19d for II rpt and 1 IRC, v/s Anwar Siregar (WAKISAKA)

Thanks to  
Carl  
Radtke



VOICE OF INDONESIA

- INDONESIA (continued): V. of Indonesia, 11790, date/fqy folder cd (above) in 58d sfc for 1 IRC (LINK CA), same in 60d for 1 IRC (4 tries), v/s Siti Anderson (RADTKE CA), same in 67d, no rp (PRATER OR), same in 69d sfc, no rp (GRENIER CA) (VOI has been reported only twice since July of 1974--guess they must have received some postage money, hi. bc)
- IRAN: V. of Iran, 9022, f/d "Rezaiyeh TV Station" photo cd + pennant in 5 wks air for no rp (LOBDELL MA), f/d "Kerman Television" cd + pennant in 199d air after f/up, no rp (FOWLER ONT)
- IRAQ: R. Baghdad, 9745, cd w/map and picture of Narcas Gate, 57d sfc for 1 IRC (SMITH MD)
- ISRAEL: IBA, 9815, f/d "Jerusalem" cd in 56d air for MS (HOFFMAN PA), f/d cd w/E. Ben-Avram's painting "Jerusalem" in 45d air, no rp (MEHEAN CT); 11655, same cd in 34d air for 3 IRCs (RICCI CA), same in 37d, no rp (MAYER IL), same + pennant in 70d, no rp (MARTIN CA), no description cd in 51d air, no rp (LINK CA); 11960, f/d "Jerusalem" painting cd in 45d air, 2 IRCs (SOMERS CA) (Jack, you had this listed as R. Cairo! Since this is an Israeli fqy rather than Egyptian, and since I doubt that Cairo would be sending out pictures of Jerusalem, I have taken the liberty of listing it under Israel. Please forgive me if I err. bc); 15100, same cd in 30d air, no rp (LOBDELL MA)
- JAPAN: NHK, 5990, date/fqy cd "Tachibina Dolls" in 35d air, no rp (ARNOLD CA); 9505, date/fqy cd of doll modelled after a court lady playing the koto, 11d air, no rp (HOFFMAN PA), same in 15d (PRATER OR), same in 30d (LOBDELL MA); 9585, same cd in 20d (LINK CA); 11815, same cd in 17d (CLEVELAND CA); 11875, same in 21d (DUTKOWSKI BC); 15105, same in 18d (THOMPSON NM), "Tachibina Dolls" cd in 11d (CLEVELAND CA); 15195, date/fqy cd of Japanese Bamboo grove in 20d (THOMPSON NM); 15270, same in 30d air (YAJKO PA), "Koto" cd in 21d (LOBDELL MA) (MAGHAKIAN NY), date/fqy "Yakko" cd in 9d air (FOWLER ONT); 15300, date/fqy "Hakata Dolls" cd in 22d (YAJKO PA), "Koto" cd in 14d for MS (ANGELONI NY); 15430, cd, no desc., in 24d (BEAUDOIN CT); 17825, date/fqy "Yakko" cd in 14d (MILLER CA)
- NSB, 2955, f/d cartoon cd in 30d air, no rp (RADTKE CA)
- JORDAN: R. Jordan, 9560, f/d "Folk dancers" cd in 66d for 1 IRC (BEAUDOIN CT)
- KOREA (Republic): R. Korea, 9640, f/d cd "Farmer's Dance" + pennant in 22d air, no rp (LINK CA), same in 30d (RADTKE CA), f/d photo cd "The Seated Maitreya Buddha" + pennant in 25d for 2 IRCs (THOMPSON NM)
- KUWAIT: R. Kuwait, 9555, f/d folder cd w/info on Kuwait, 162d sfc, no rp (GRANONE NM); 12085, same in 6 wks, no rp (LOBDELL MA), same in 39d air, no rp (KLEMENS NJ), same in 41d air for 2 IRCs (ONKEN IL); 21685, same cd in 44d air, no rp (WAKISAKA JAPAN)
- MALAYSIA: BBC Far Eastern Relay, 11750, no data Thames bridge cd in 52d air (FOWLER ONT)
- OMAN (Sultanate): R. Oman, 11890, f/d "View of Fanja" photo cd in 234d (53d after f/up) air for 2 IRCs (WHITE FL)
- PAKISTAN: R. Pakistan, 9460, fqy only form ltr in 91d air, no rp, v/s N. Ahmed (GRANONE)
- PHILIPPINES: FEBC, 17810, f/d cd w/view of station, 30d air for no rp, v/s Zeny Visia (ENDEZA CA), same in 46d air for 3 IRCs (RICCI CA)  
VOA Relay, 7165, f/d Bicentennial Stamps cd in 8d (THOMPSON NM)  
VOP, 9580, f/d "usual" cd in 36d air, no rp (MILLER CA), f/d red/white/blue cd in 300d sfc, no rp (HALL CA)
- SAUDI ARABIA: BSKSA, 21590, f/d crossed swords cd in 87d air, no rp (SMITH FL)
- SINGAPORE: R. Singapore, 5010/5052, f/d blue/green/red "SRT" logo cd in 30d air for MS (WHITE FL)
- SRI LANKA: VOA Relay, 15150, f/d "Capitol" cd in 7d air, no rp (RADTKE CA), date only "Bicentennial Stamps" cd w/site in 65d air, no rp (WAKISAKA JAPAN)
- TURKEY: V. of Turkey, 11880, f/d "Folk Dancers" cd in 14d air, no rp (MAYER IL), f/d "Turkish Carpet" cd + pennant in 25d air, no rp (SMITH FL)

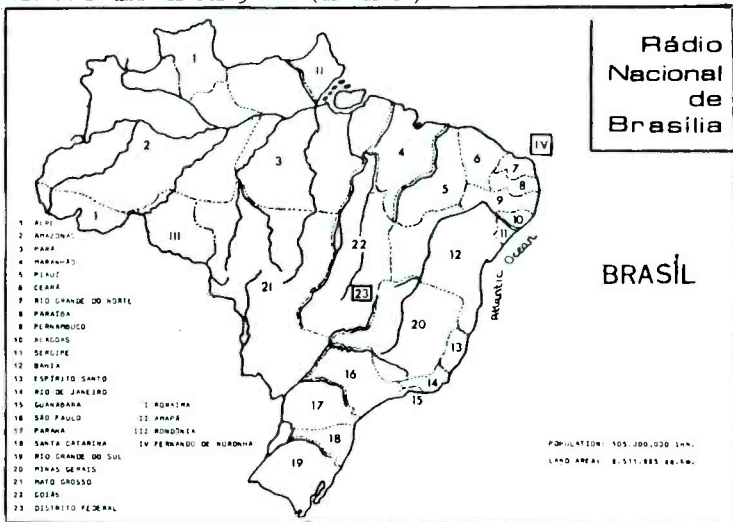


Oceania

**AUSTRALIA:** ABC Melbourne, 9680, f/d green map cd in 44d air, no rp (PRATER OR); 15230, same in 21d for 1 IRC (BEAUDOIN CT)  
 ABC Perth, 15425, f/d blue map cd in 25d air, no rp (BEAUDOIN CT)  
 R. Australia, 5995, 9515, 9580, 11810, 15160, 15240, 15290, 15320, 15355, 17795. F/d cds, in 12-45d for 1 IRC, 21-29d for 2 IRCs, 120-210d sfc for no rp; v/s P. Koch.  
 "Sturt Pea" (LOBDELL MA)(THOMPSON NM)(MILLER CA)(MEEHAN CT)(ONKEN IL), "Blue Wren" (THOMPSON NM)(MILLER CA)(WILLIS PA)(VOCKEROTH PA), "Scarlet-Crested Parakeet" (NOON IL) (THOMPSON NM)(FOWLER ONT)(MILLER CA)(VOCKEROTH PA)  
**COOK ISLANDS:** R. Cook Islands, 5045, f/d pc "Raro orange juice" in 148d sfc for 2 IRCs (GRANONE NM)  
**GUAM:** TWR, 11705, f/d TWR cd (see Monaco, this issue) + personal ltr w/statement "First Reception Report" in 8d air for SASE, v/s V. Rodger Groff (YOUNG CA)  
**NEW ZEALAND:** R. New Zealand, 6105, f/d color photo cd of Wellington + Kiwi pin in 3 wks air for 2 IRCs (LOBDELL MA); 15130, f/d "Hot Springs" cd in 15d air for 3 IRCs (NOON IL) same in 36d air for 2 IRCs (MILLER CA), f/d "scenic" cd in 21d air for 1 IRC (BEAUDOIN)  
**PAPUA NEW GUINEA:** R. East Sepik, 3335, f/d ltr in 25d air for 2 IRCs + MS, v/s Philip Koviromo (BODELL OR) (Bob reports that he sent 2 IRCs + MS for air delivery--yet the ltr arrived complete w/PNG stamps and stamped 56¢ postage due. Looks like the US P.O. will go to most any lengths to make ends meet--or maybe to make their vacation expenses)  
 NBC Port Moresby, 3925, f/d brown/yellow map cd in 18d air for 1 IRC (BEAUDOIN CT); 4890, same cd in 17d for 1 IRC (RADTKE CA), same cd in 20d air for 2 IRCs (ONKEN IL), same cd in 25d air for 1 IRC (LOBDELL MA), same cd in 60d air for 1 IRC (ROGERS ME)  
**TAHITI:** FR3 (R. Tahiti), 11825, f/d "native girl" cd in 19d air for 1 IRC (THOMPSON NM), same cd in 21d air, no rp (PECK NY), same cd in 23d air, no rp, EE/FF rpt (HOFFMAN PA)

South America

**ARGENTINA:** RAE, 9690, usual blue/white RAE cd in 123d air for 2 IRCs (THOMPSON NM)  
**BRAZIL:** R. Aparecida, 9635, f/d cd of stn bldg in 14 mo air, no rp (2nd QSL cd for same rpt) (PRATER OR)  
 R. Nacional de Brasilia, 15245, f/d plain white cd in 3 wks air, no rp (LOBDELL MA), f/d tower picture cd in 22d air for 3 IRCs (GEORGE TX)



**COLOMBIA:** R. Sutatenza, 5075, f/d bilingual (EE/SS) folder cd in 166d sfc for 2 IRCs, SS rpt (RAFE NY), same in 177d sfc, no rp (GRANONE NM), same in 226d air for 2 IRCs (DONLY SC)

**ECUADOR:** R. Iris, 3380, no data ltr w/comments on the many ltrs they receive from the US, 17d air for 2 IRCs, SS rpt, v/s D. Alvarez T. (SMITH AL)

R. Zaracay, 3390, no data ltr w/stn info + pennant in 33d air for 1 IRC and SS rpt. v/s Elsy Cun C. (SMITH AL)

HCBJ, 6130, 9560, 9680, 9745, 11915, 15115, 15300, 17755, 17780. F/d cds in 24-84d for no rp, 26-30d for MS, 26d for 1 IRC, 23-215d for 2 IRCs, v/s Sam Rowley. "Tuning team at 100 kw xmtr" (MILLER CA)(THOMPSON NM), "Eric Moore and standby generator" (MILLER CA)(THOMPSON NM)(STONE ONT)(LINK CA)(FOWLER ONT)(HOFFMAN PA)(UNRUH CA)(SMITH FL), "Dave Pasechnik and 49 meter unit" (LOBDELL MA)(UNRUH CA)(NOON IL) (Forgive me Dave--

ECUADOR: HCJB (continued) three cards with three different spellings of your name. bc)  
 HCJB logo (MILLER CA)(ARNOLD CA), bread dough llama (YOHANA NJ), bread dough clown  
 (FOWLER ONT), pre-1965 llama cd (VOCKEROTH PA), 15th Ann. of DX Party Time (VOCKEROTH),  
 Album Series #3 (VOCKEROTH PA), Echoes Series H (VOCKEROTH PA)  
VENEZUELA: R. Juventud, 4900, date/fqy dancing teenagers cd in 33d sfc for 1 IRC, SS rpt  
 (HEATH KY), same in 42d for 1 IRC and SS rpt (GEORGE TX)

**RADIO JUVENTUD**  
 "ONDA CORTA 10 KW" **YVMY 840 Kc/s**  
 ONDA CORTA 10 KW **YVVK 4.900 Kc/s**  
**YVMY/FM-100,1 Mc/s - MODULACION DE FRECUENCIA**

R. Rumbos, 4970, f/d pc type QSL w/pearl in oyster, 27d air, no rp (ARNOLD CA)  
 Ecos del Torbes, 4980, date only ltr, 23d air, 1 IRC and SS rpt (SMITH AL)

*North America*

ANTIGUA: Deutsche Welle Relay, 9590, no data circles cd in 26d (SMITH AL)  
CANADA: CFCX Montreal, 6005, date/fqy studio photo cd in 25d, no rp (BRODSKY NY)  
 CFRX Toronto, 6070, date/fqy "Carnival" cd in 20d sfc, no rp (LOBDELL MA)  
 CKZN St. Johns, 6160, f/d blue/white cd + ltr in 33d (BEAUDOIN CT)  
 RCI, 9535, CTS "Do-it-yourself" cd in 16d, no rp (THOMPSON NM); 9655, "Do-it-yourself"  
 Olympics cd in 7d (VOCKEROTH PA)  
CUBA: R. Habana, 9525, f/d multicolor cd in 59d air (ARNOLD CA); 9685, f/d "Checker Board"  
 cd in 86d sfc (MILLER CA)  
GUATEMALA: R. Maya de Barillas, 2360, f/d Mayan spear-thrower cd in 36d air for 2 IRCs  
 and SS rpt (SMITH AL)  
 R. Cultural, 3300, date/fqy "Quetzal Bird" cd in 28d air for 1 IRC (HEATH KY), same in  
 55d air, no rp (HALL CA), same in 54d, no rp (ENDZA CA)  
 LV de Nahualla, 3360, f/d blue form cd + pennant in 49d air for MS and SS rpt (BAUMGARTNER)  
HAITI: R. 4VEH, 11835, f/d photo cd of annr at console, 87d sfc, 2 IRCs (BOWEN MS)  
NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d "10th Anniversary of Glenn Hauser"  
 cd, no rp, SASE to Glenn Hauser, in 53d (ONKEN IL), same in 35d (SMITH AL), same in 40d  
 for 1 IRC (ROUTENBURG ONT), "Happy Station" wooden antenna towers cd in 15d, no rp  
 (LOBDELL MA), same in 25d, no rp (MILLER CA), same in 25d for 2 IRCs (RICCI CA), same  
 in 27d, no rp (BRODSKY NY), same in 30d, no rp (UNRUH CA)  
 TWR, 11925, f/d folder cd w/flamingo in 55d sfc, no rp (ARNOLD CA), same in 70d sfc, no  
 rp (ARNOLD CA), same in 22d air for 2 IRCs (RICCI CA); 15255, same, no time (BENSON VA)  
UNITED STATES: AFRTS, 17765, f/d cd w/Armed Services seals in 8d sfc (NOON IL)  
 KGEI, 5980, f/d San Francisco scenes cd, 38d for MS (SMITH MD), same, 18d (GEORGE TX)  
 UN Radio, 19 mb, f/d multilingual logo cd in 214d sfc (1 f/up) (ENDZA CA)  
 VOA, 5995, f/d Capitol cd in 11d sfc (NOON IL); 7125, Capitol cd--whoops! This belongs  
 in Africa--Monrovia Relay. 30d air (ARNOLD CA)  
 WWV, 15000, f/d "Indian" cd in 15d sfc (YOHANA NJ)  
 WWVH, 15000, date/fqy "Aloha" cd in 10d sfc (BIGELOW DE)  
 WYFR, 6155, f/d microphone cd in 9d sfc, no rp (BRODSKY NY), same in 12d for SASE (not  
 used) (NOON IL), same in 21d, no rp (YOHANA NJ)



Well, we made it again. Last month's sign (no takers) was in Urdu, courtesy of the brothers Sarfraz and Asaf Ali and said "Loading Zone". Doesn't anyone out there speak Urdu?

Try this one. Several reports from this country in these pages this month. Note that several cds reported were without descriptions. Not much point in sending them in if you don't include a brief description. 73's, 7/17/77

HANYAR MANYAN MOTOTI

# Tips and Topics

The Feature Section of SPEEDX

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

## Station Month

DXers and SWLers listen to many stations on the shortwave bands. However, the SWLer and DXer know very little about many of these shortwave stations. Therefore, this month and probably next month, Tips and Topics will be devoted to articles about shortwave radio stations. For some stations, we will look into their history; and for others, we will look more into their content and programming. We will try to achieve a better understanding of what is a shortwave radio station--be it international or domestic. This month, besides continuing with Adrian M. Peterson's series on VOA relay bases, we will look into the now defunct VOA base on Okinawa, Radio Cairo and the BBC plus much much more. . .

### VOICE OF AMERICA RELAY BASES - PART VI

by Adrian M. Peterson

#### MOBILE

##### TEXAS

The first attempt by OWI-VOA in mobile broadcasting at sea took place off the coast of North Africa.

The commander of the Western Task Force had a 5 kw MW transmitter installed on the USS "Texas." As the fleet approached the target on November 7, 1942, OWI-VOA personnel began broadcasting in French on the frequency of Radio Rabat, 601 kHz. This station continued on the air for some hours until the concussion from a salvo fired by the "Texas" put the transmitter out of operation.

##### PHOENIX

The second attempt by VOA at seaboard broadcasting took place in 1945. A Greek vessel, the "Phoenix" was commissioned for this purpose and its electronic cargo consisted of one MW and two SW transmitters. Test broadcasts were conducted off the coast of the USA in 1945 and also in Far Eastern waters, but the ship was never used for regular broadcasting.

##### COURIER

The third attempt at ship broadcasting was in Project Vagabond. An American ship, the USS "Courier" was fitted out with one MW transmitter of 150 kw, and two SW transmitters of 35 kw each. In good weather, a balloon was used to hoist the MW antenna, and an emergency shorter aerial could be used in bad weather.

The VOA relay station, USS "Courier" took a shake-down cruise in the Caribbean and made its first test broadcast on April 2, 1952. This cruise was a success and the ship steamed for the Mediterranean and tied up off the coast of the island of Rhodes. The first test broadcast from this Mediterranean location was made on September 7, 1952. The "Courier" remained at Rhodes for several years pending the completion of a land base station. When VOA Rhodes went on the air in 1964, the "Courier" left the air, and returned to the States for re-fitting.

(Part VII will be next month. Adrian M. Peterson is Director of Adventist World Radio - Asia and Producer of the SLBC DX Program - R. Monitors Int'l).

## A VISIT TO THE VOICE OF AMERICA: OKINAWA

by Michael S. Hardester

Prior to receiving orders to Okinawa, from my travel agent--the US Navy, I had tried in vain to log the VOA MW outlet on 1178 kHz, and even the SW outlets seemed difficult at best. However, my faithful travel agent soon put me in the driver's seat, and so on a warm Spring day, my wife and I found ourselves on the road to the VOA transmitter site at Okuma, Okinawa.

Okuma is a small village located near the Northern tip of the island: on one side of the road green lush vegetation stretches seemingly for kilometers and on the other side of the road, the emerald green waters of the East China Sea peacefully wash onto the pearl white beaches. I was so taken by the beauty of the area that I might have missed the turn-off had my wife not pointed out a six-tower array in the near distance--which we were later to learn was the array for the medium-wave transmissions. So, with our course plotted and without benefit of any roadsigns (in English that is), we headed towards the antennas.

On arriving at the transmitter site (the receiver site at Onna is located further south), we were greeted by Mr. Jensen, the Deputy Manager, and Mr. Schlegel, the transmitter Supervisor who joined to give us a very thorough tour of the facilities. Construction began in 1952 and operations commenced in mid-1953 with continual expansion to the present 134 acres upon which the VOA site is situated.

The transmitter building houses the 1178 kHz transmitter which is actually two Continental transmitters of 500 kw phased together to produce a megawatt of power. This transmitter is joined by two 35 kw, one 15 kw and one 100 kw shortwave transmitter plus a 5 kw auxillary transmitter which provides for RTTY service to the IPS: International Press Service located at USIA headquarters throughout Asia.

Program material is received at the Onna receiver site from direct off air monitoring of transmissions from Delano and Dixon relay sites. This is fed via vhf circuits to the transmitter site for re-broadcast. Two of the receivers immediately noted were of the Collins 51J series and Hammerlund SP-600 line; Hewlett-Packard frequency synthesizers were also noted.

The MW transmitter is in operation from 1100 to 1600 GMT and provides English Chinese and Korean programming to mainland China, Laos and Korea on beams of 17° and 315°. Reception reports from mainland China indicate no jamming of the English transmissions, however the Chinese Service is jammed a great deal.

The SW transmissions also transmit the same languages to the same target areas or nearby areas, and these also appear to be having an effect as evidenced by reception reports.

And what tour would be complete without checking out the local telephone exchange. Yes, the VOA also has a completely automated telephone exchange system which handles the VOA transmitter site, VOA family housing, and a nearby military recreation center.

After the tour, over tea, several topics were discussed. At present, there is a great deal of speculation over the "planned replacement site" of the VOA Okinawa relay site. The next location is undecided. While several places offer a possible site--Seipan, Micronesia, Korea (South), Hawaii (Remember the old VOA site there?)--however, no specific location has been decided upon. Mr Jensen went on to further point out that from inception to operation takes approximately five years, thus a new site, even after being chosen, wouldn't be on the air too soon. This brought about the point that with host countries becoming fewer and fewer, international broadcasters may be forced to stay at home and beam their message across the miles with power easily exceeding a megawatt!! Can you imagine being a DXer/SWler who is situated a couple of kilometers away from a megawatt transmitter!! Among other topics discussed, it was mentioned that the VOA site at Foro, Philippines was constructed from almost identical plans as the VOA Okinawa. Lastly on 14 March 1977 at 1500 GMT (12 midnight Japan ST), the VOA Okinawa site



signed-off for the final time, and while the visit was quite pleasant, much like old friends getting together, it was time to hear the final fairwell: "This is the Voice of America concluding its transmission from Okinawa."

EVERYTHING YOU WANTED TO KNOW ABOUT RADIO CAIRO  
BUT WAS AFRAID TO ASK!

by Benton Owsley

Radio Cairo is a governmentally owned broadcasting station. There are no privately owned radio stations operating in Egypt. However, Radio Cairo came into operation as a private station in 1934. The Egyptian government took over the station in 1947 and assumed complete control in 1949. Today Radio Cairo is affiliated with the Ministry of National Guidance in order to better serve local African and Overseas listeners.

At present Radio Cairo has 12 services: The general program, the voice of the Arabs, the Sudan program, the local European program, the second program, the holy Quran service, the Middle East service, the people program, the Hebrew service, the Alexandria service, the music service, and the Overseas service.

The Sudan Program which began in 1948 and now transmits 5½ hours a day, and the People Program which began in 1959 to serve all sectors of Egyptian society and transmits 9 hours each day are both popular programs in north-eastern Africa. Another service, the Voice of the Arabs is popular in all parts of the Arab world because it serves the purpose of Arab unity. This service began in July 1953, for only a half hour each day, but it now broadcasts for 22½ hours daily. The Arab Peninsula Program came into existence in 1960 and now transmits for 6 hours daily in addition to the Hebrew Service which broadcasts for 3½ hours daily. There is also the Local European Program and the Second Program which transmits for 3½ hours daily, and the Alexandrian Program which was established in 1959, which transmits for 7 hours a day. The Middle East Service transmits for 13 hours daily.

Internally, Radio Cairo broadcasts its regular Arabic program on several frequency 20 hours per day. But there are also French, English, German, Italian, Greek, and Armenian local programs which cater to their respective communities in Egypt.

Radio Cairo is beamed externally to all Arabic countries, South East and South Asia, East, West, South, and Central Africa, Europe, and North and South America. It broadcasts programs to South East Asia in Arabic, Indonesian, French, Malayan and Thai languages, and to Central Asia in Urdu, Bengali, Hindi and English.

BBC THE BEST FOR INTERNATIONAL NEWS. . . by Russ M. Hollenbeck III. . . Many SWlers and DXers will agree with the fact that the BBC World Service has the best newscasts. BBC started broadcasting news in English in 1932. During World War II, people in occupied Europe risked their lives to listen to BBC news broadcasts because they were regarded as truthful, factual, and accurate. Today, the BBC has 6 million regular listeners throughout the globe; and to this audience, the BBC broadcasts news in English and in 38 other languages. John Tusa, a BBC broadcaster, said that the major concern of the BBC's overseas broadcasts is information. This can be seen by the fact that the BBC is noted for its journalism rather than its diplomacy. And this makes the BBC one of the most independent and respectable shortwave broadcasters in the world. (Much of the material for this article comes from the Los Angeles Times.)

NEW TRANSMITTERS FOR RADIO SOUTH AFRICA. . . In the course of this year, Radio RSA's new giant 500 kw transmitters will be put into operation, adding enormously to the output of the existing 250 kw transmitters. . . (This info is from Yasuo Ishizaki and appeared in RSA Calling, May/Oct. 1977. )

THE FRIENDLY ENGLISH VOICE OF RADIO CLARIN. . .Ed Insinger. . .The inauguration of an English language transmission from Radio Clarin has added a friendly voice to the airwaves. Easily audible at 2330 GMT on 4850 kHz on the East Coast, comes the identification "This is Santo Domingo," with the announcement that listeners can hear a special broadcast from Radio Clarin, the International Broadcasting Service of the Dominican Republic.

The English programming is most pleasing. A blend of Dominican music, listeners letters, and feature programs spotlighting people, places, and happenings is intended to acquaint listeners with this beautiful and still unspoiled island. Many topics center around tourism and actually encourage listeners to visit the Dominican Republic.

Santo Domingo, the oldest city in the entire New World, has much to offer tourists and vacationers. Prices are very reasonable. It can be reached by jet from New York in only three hours, making it an attraction for state-side visitors. The food is plentiful, including Dominican coffee (costing about \$2.00 a pound) and their specialty drink, rum. The weather in winter ranges between 70 and 80 degrees. Summers are equally beautiful. Sight-seeing abounds in historic landmarks such as Christopher Columbus' memorial site (he was actually buried here). For fun, you can attend a horse race or gamble in a casino, and this year's special attraction is the 1977 Miss Universe Contest.

A recent broadcast mentioned that the US dollar was acceptable everywhere, along with credit cards. However, the next best thing to being there is listening firsthand--on shortwave--to Radio Clarin. You'll find them a special treat. Maybe you'll even consider vacationing there too.

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ESCUELAS RADIOFONICAS POPULARES. . .by John Moritz, Jr. . .A nice little Ecuadorian catch is HCER5, Escuelas Radiofonicas Populares. Located in the city of Riobamba, in the Chimborazo province of Ecuador, Escuelas Radiofonicas has been on the air for about fifteen years now, operating in the 75 meter band, on a frequency of 3985 kHz. Operating six days a week, with a break on Saturday, programming usually runs from around 1000 to 0300+ GMT. Programming is in both SS and Indian languages, with the music being basically of the campesino type. Apparently, however, they do deviate during periods, such as when Ralph Perry, during a trip last summer to Ecuador, heard them doing Motorcraft ads and playing pop Ecuadorian tunes. Since the populace of Chimborazo is basically Indian, the station caters their programs to them, with many programs being of an educational nature, using the Quechua language. HCER5 puts out 1 kw of power, and can be heard best during local, quiet mornings stateside. It is occasionally heard here during our local evenings, but not too often. If you happen to latch on to this fine little station, you might try writing to either Senor Washington Luna, the man in charge of technical operations, or to Padre Ruben Veloz, the director general. Letters should be in Spanish. There is no need to send return postage, but it would be a good gesture. The address is Apartado 4755, Riobamba, Ecuador. Try it, you'll like it. And while you are at it, tell them how much you enjoy the music! (The author would like to thank and acknowledge the assistance of Ralph W. Perry, and Radio Station HCJB in providing various information included in this article.)

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ODDS AND ENDS. . .If anyone wishes to purchase mint foreign stamps (air mail only) for return postage, drop a line to DX Stamp Service, G.N. Robertson W2AZX, 83 Roder Parkway, Ontario, NY 14519. Just ask for the list. It covers A to Z. These stamps saves on IRC's and, of course, some countries do not even take IRC's. SASE is required for the list. (This info is from Willard G. Sibus)

Now that it is August, it would be wise for all to have their receivers and antennas checked and/or repaired. Now is the best time, after all, DXing is not so hot now because it is "hot". Beware! If you neglect your rig now, you may pay the penalty during the fall and winter months by missing out on some good DX. My rig just returned from the shop and it's ready to bring in those exotic catches which will be here in a few months.

Well, that's it for this month. Have a nice August. I remain, *Arthur*

# QRM

"THE OLD RADIO SHOP"

by

Grant Manning

In my 17 years of DXing, radio and electronics (plus or minus a few maybe) there has always been a limiting factor in attaining the "supreme" DX log. It has varied from the kitchen fluorescent lights at the age 15 that had to stay on all evening, to the night TV watcher in an apartment years later. If one must watch the boob tube, I wish they would at least incorporate a timer to shut it off when they fall asleep.

In the course of building better and better gear, the limiting factor in signal to noise ratio has been how much junk you receive besides the desired signal. In attempting to shut off, or reduce, some of these noises, quite a bit of experience has been gleaned from wandering around in the wee hours of the morning with a transistor radio trying to locate and eliminate the offending QRM.

I have also gone with Mr. Leo Gersch, Radio Inspector for the San Diego Gas & Electric Company, and an ex-lineman. Both Leo's comments and pictures appear in this article. When one gets right down to it, there has been very little written about QRM from power-lines, etc., especially with the shortwave listener in mind. In this article I'll try to explain the most common sources of annoying noise.

I guess it all started in Pacific Beach, California when I ran an apartment house and had ace DXer John Kolb living there. Between the two of us we probably logged every fish tank in Pacific Beach! By far the nastiest QRM for a SWler in the city has to be the infernal TV set. These have what is called a "horizontal sweep oscillator" with which (among other things) they develop the high voltage for the picture tube. This operates on 15.75 kHz. The normal output tube is capable of delivering 20-30 watts @ 15 kHz, depending on how they are driven and what type of tube is employed. Most TV sets drive the heck out of this tube, and generally when you loose your picture and still have sound it's the output tube that goes.



Mr. Leo Gersch in his company van with HQ-180

The main problem with this is that there is little or no harmonic suppression in this circuit. A harmonic is a wave having a frequency that is an integral multiple of the fundamental frequency. Thusly for 15.75 kHz fundamental you have harmonics at two times, three times, four times, etc. For example, 53 times 15.75 kHz = 834.75 kHz which happens to be the frequency of Radio Belize in the British Honduras. Not a rare catch in the southern USA, but if you want to listen to it you have to put up with the QRM, even if your TV is off. In an apartment house other TV's will almost block this frequency. And remember, the RF adds up. It's quite noticeable in the 19 meter band for example.

HAM transmitters, CB's, etc., are required by the FCC to effectively suppress these harmonic frequencies. Until recently TV manufacturers have not had to, and what is required now is almost not worth the effort. The cure for TV harmonics? Move! And hope the new QTH is better.

(continued)

QRM - The Old Radio Shop - Grant Manning (continued)....Probably the #2 noise source is the unidentified buzz, either intermittent or steady. You find yourself hunched over the receiver early some evening trying to get an ID on a rare South American station that only comes on the air once a week. All of a sudden, just when they start into the IS & ID a horrible B-U-Z-Z-Z-Z-Z permeates the ether, pinning your S-meter at 20db over nine. You just blew two hours of labor trying to log the station! How many times has that happened to you? What's causing the buzz? We ask Mr. Leo Gersch:

Author: What are the most common household items that cause this noise?

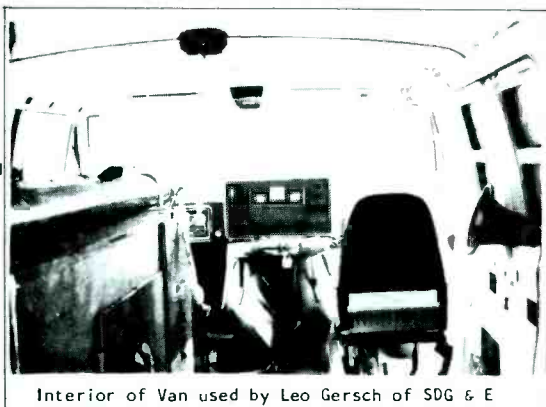
Leo Gersch: Fish tank heaters. Every week I find one or two. In the winter time it's electric heating pads. People buy brand new heating pads or tropical fish tank heaters and the thermostats are no good. Light dimmers are becoming more popular now, and therefore more troublesome. Even a gas range can cause noise problems. Gaffers & Sattler put out, if you can believe this, a gas range with an electric control on the oven that had a bum thermostat! They have manufactured thousands of these. Orange County is invested with them are several other areas. (I had one of these when living in Poway. When it came on it would almost peg my SPR-4 @ 20db over 9 with a loud buzz rising in frequency from low to high, and finally locking on after five seconds. gm)

Author: Do you replace these bad thermostats?

Leo: No! We don't touch them. All we can do is tell the customer that it is causing a problem. That it is a faulty product and should be corrected by the dealer or factory.

Author: Can anything be done to stop a customer from using faulty equipment?

Leo: All we can do is ask a customer to discard a piece of equipment that is causing QRM, or have it fixed. I believe that the FCC can step into cases if they are extreme. What the actual readings have to be before the FCC takes action, I don't know. Somewhere around 50uv/M. If you have a piece of equipment that is in violation of the FCC regulations, they can cite you and take the matter to court. England & Canada have the best system. If you want to buy a tropical fish tank heater, buy one manufactured in England. They are not allowed to manufacture trash like US manufactures are.



Interior of Van used by Leo Gersch of SDG & E

Author: Aren't light dimmers inherently noisy?

Leo: The cheap ones are, the good ones are not. There again nobody is watching the manufactures. There is a capacitor that can be built in to quench the QRM at very little cost. We are too loose. We are over governed, and yet things that could help everyone are ignored.

Author: Do you have any contact with other power companies such as Southern California Edison?

Leo: No. At one time I gave some thought to trying to get together with Bill Nelson, SCE's amateur representative, to maybe get a group of us to meet, but.....

Author: Your job is entirely experience?

Leo: Yes. By the seat of your pants. Your first one is always the hardest to find, when a newly manufactured item enters the market. Each item has a sound of its own. If I hear a heating pad, I know what it is. If I hear a fish tank heater, I know what that is. It would not be practical to filter out what comes into your house on the power lines. You have to locate the source.

(continued)



QRM - The Old Radio Shop - Grant Manning (continued).....I got fairly good at shaking poles, which is what you do to find the source of actual power line hash. Leo Gersch drives a company provided Ford van which is equipped with a HQ-100A receiver, and a Delcon amplifier with an ultrasonic probe, among other things. The receiver has its AVC defeated and a meter mounted on the dashboard of the van that indicates the amount of hash received(wired across the voice coil of the HQ-180A). To locate noisy poles we drove around in the area of my home(then)and watched the meter.

Author: What makes the poles cause QRM?

Leo: Almost all interference is caused by loose hardware. A broken or cracked insulator happens, but that is rare. A common misunderstanding is to place the blame for noise on the transformers. In our entire system, I don't find one, or even average one a year, that are causing the QRM. People pick on the transformers because they are large and obvious. Dead ends cause 90% of the interference problems. This is where the lines end or change directions. (See photo on next page) The hardware is bonded together and grounded but, with expansion and shrinkage of the wood, the bondings come loose and arcing occurs from the hardware to the bond. It's a continual problem until double coil spring washers are installed. When a maintenance crew goes out, it's standard procedure to install these washers if the pole is not so equipped. Outside the Dead Ends, the most common cause of QRM is loose bolts on a crossarm brace. The braces are V shaped and clamped to the crossarm with a  $\frac{1}{2}$ " x 7" bolt. If there is no Dead End, these loose bolts are a common cause of interference.

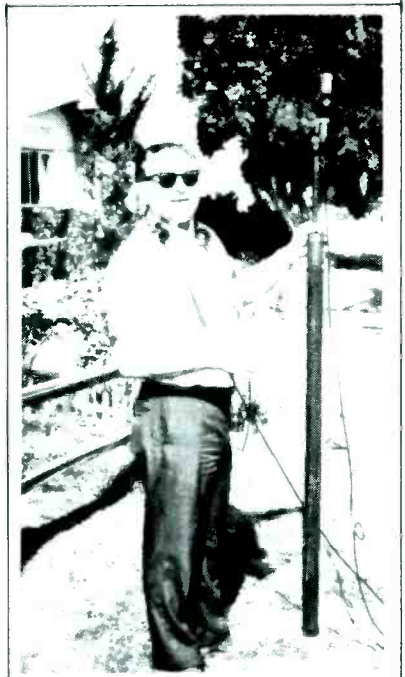
To locate noisy poles, in addition to driving around with the receiver on, close visual inspection from the ground and mechanical vibration are employed. To shake a pole sounds easier than it is. The idea is to listen on the radio for immediate disturbance of the noise as the pole is shaken. If when the pole is shaken, an immediate interruption or change is noted in the noise, chances are that you've found the source. If it takes a few seconds for a change in the noise to take place, the source is probably a pole or two away from where you are standing. The easiest way to shake a pole is with the guy wire. If there is no guy wire at the pole, you take this large sledge hammer.....WHAM! You bash the pole a good one while listening to the receiver. I got to bash a few poles.

There was a pole close to where I lived that was fairly new. It had been reported twice (by myself)and was still making noise(\$9)most of the time. I asked Leo just how far SDG & E had to go to satisfy a HAM or DXer.

Leo: Nine-tenths is customer relations, trying to get along with our customers. In a case like this, it's lack of cooperation amongst the people that are supposed to be doing the work.

(This is three pages of a five page article. We will conclude in a future issue)

(continued)



Delcon & insulated pole collapsed



Pole up - listening for HF arc



## PROCRASTINATION

by DOX JOHNSON

Do you know what PROCRASTINATION is? According to my faithful Webster's dictionary the term is defined as the act of procrastinating. In case you're still wondering what this 15 letter word means, the synonyms are; put off, defer, postpone, prolong, hesitate, stall, delay, etc. In plain language it simply means to not do the things you plan to do. In Spanish one would say "mañana". Tomorrow.

"Ho-hum"

How many of us are guilty of this? We intend to send that DX item to our favorite club...we intend to write that article...we intend to write to that radio station with comments...we intend! Somehow it just gets put off until "tomorrow". But tomorrow never comes.

SPEEDXers are not guilty of this in supporting the club, since we enjoy very good, active support from most of our members. However, SPEEDXers are just as lax when it comes to supporting International Broadcasters. Very few take the time to write to radio stations unless they want a QSL or some other item from the station. A tip-o-the-hat to those who do write to stations with comments & suggestions! Be they pro or con, your efforts are certainly appreciated by most broadcasters.

I correspond regularly with several International Broadcasters and the one comment I hear the most is the lack of comments & suggestions on their programming by listeners. It's just the few who make the effort by adding a few remarks to a reception report. Where are the rest of us?

Are we so passive that we don't care? Are we so busy that we can't spare a few minutes to drop a line to our favorite stations? Can't we afford the 31c postage? Don't we have any opinions at all? Are we 100% happy with the present programming? Isn't the hobby a two-way affair? If each of us puts a bean in the pot, won't we all eat better?

As more & more hobbyists are becoming more interested in the programming on shortwave, in place of just listening to obtain a QSL card, it would seem we should take a more active part in selecting & improving what we listen to. How can we do this? By writing to the broadcaster with suggestions and comments. Remember, most International Broadcasters attempt to present programming that is of interest to us, the listener, so they can hold their audience. How else can they reach the largest number of people to promote the country's image and views? The broadcasters need us the listener and we need the broadcasters.

Cooperation and active participation could well improve the programming. Do you like this feature? Do you dislike that feature? Would you like to have a feature added or eliminated? How is the broadcaster to know what features attract & hold the largest audiences unless we write and tell them? Most International Broadcasters ask for our comments, either over the air or on their program schedules. If many have the same thought, changes are made. Also remember that the lack of correspondence from listeners has been the downfall of several good programs in the past

So, let's "get off the dime" and help the broadcasters and ourselves by writing a letter or two today. I've got my pen in hand, how about you?

"Dear Radio Nibi-Nibi: I sure enjoy your sub-audible audio....."

Heck, I think I will wait until tomorrow to finish this letter.....

AUGUST CONTRIBUTORS PAGE

4	AGNER, MIKE	NJ.....R4B	1	MAYER, ALAN	IL...SPR-4
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1	MASON, PAUL	ONT....FRG-7	1	ZIMAROWSKI, MARK	MA...SX-190

Thanks to 128 loyal DXers that helped to make this issue possible. A big hand to 4 first time reporters, they are: Bill Heath, KY; Akira Otaka, of Japan; Willard Sibus, NY and Guy Sueoka, HI...Let's hope DXing is better for the September issue, and that by that time the heat wave through out the nation is over and no more black-outs. See you in September...Ollie.

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 POST OFFICE BOX E  
 LAKE ELSINORE CA 92530  
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 15165 rue St Hyacinthe  
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