

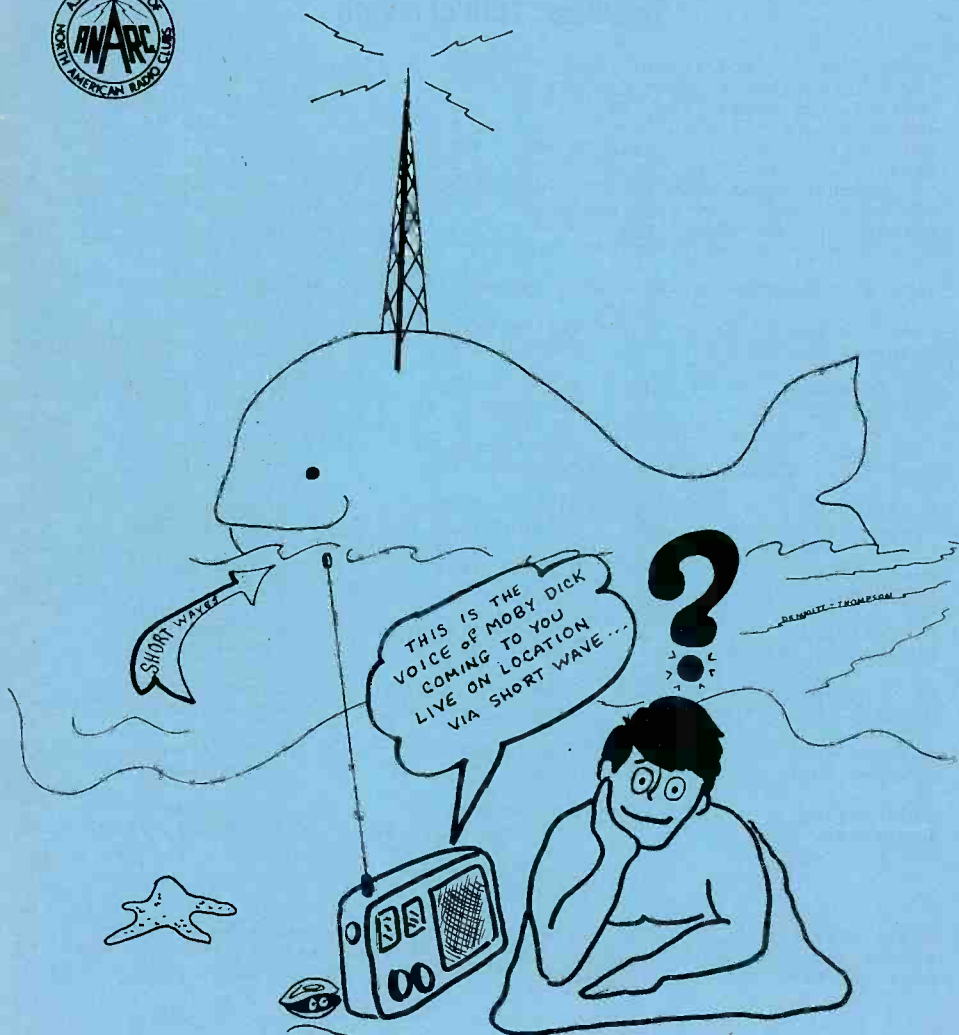
# SPEEDY

*The DX Radio Magazine for Active SWL's*

Volume XIV

July 1984

Number 7



# SPEEDX SPOTLIGHTS

## THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

Howdy friends, and welcome to Spotlights. Usually, we present a list of new Full Members in this column. However, this month, we are unable to present this list. John Trautschold, who is our Membership Chairman, is now getting settled in to his new home in Palatine. And of course, having to go through five zillion boxes and unpacking does take time. Apparently, the computer is still buried SOMEWHERE, and as such, is still not operable. But nonetheless, John assures me things will return to a state of normalcy by next month, and we will once again have the FMList. Thanks for your understanding and cooperation, SPEEDXers.....

This month, SPEEDX gives a warm welcome to 28 new and rejoining members!

Ivan Robichaud  
Shippagan, CANADA

Walter Burbank  
Sarasota, FL

Graham Clarke  
W. Vancower, CANADA

Tom Kirkland  
Austin, TX

Wayne Koehler  
Montgomery, IL

Michael Wegner  
Austin, TX

John Hudak  
Hamilton, CANADA

Louis Bernard  
Dunwoody, GA

Derek Lowe  
Durham, NC

Randy Noak  
Crown Point, IN

Mike Lendemer  
South Orange, NJ

Bruce Mesh  
Brooklyn, NY

Allen Wolf  
Van Nuys, CA

Mike Dickman  
Rialto, CA

Gary Crawford  
Kent, WA

P.W. Lampkin  
Dowsnview, CANADA

Basil Rerres  
Athens, GREECE

Joe Edge  
Alexandria, VA

R. Craig Bracken  
Spokane, WA

Pekka Kostiainen  
Kuopio, FINLAND

Roger Peterson  
New Canaan, CT

Richard Kawa  
Orchard Park, NY

James Spencer  
Tulsa, OK

Stan Forsman  
Santa Clara, CA

Bill Migley  
Lancaster, OH

Pete Mhunzi  
Monterey Park, CA

Bob Geddes  
APO Miami, FL

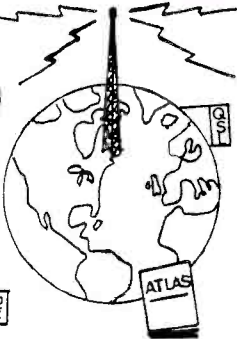
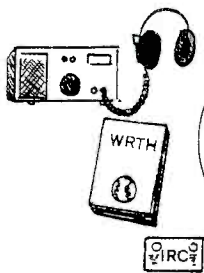
David Henderson  
Kitchikan, AK

Well, there ya go, 28 fine members. Unfortunately, space is always a scarce commodity in these pages, so will give our best to the new members and wrap up the column for another month. Take it easy, folks!

73s, David

DX

MONTAGE



club info  
contests  
humor  
fun

david sharp, 17602 meadowbridge, lutz, fl 33549  
deadline: 12th of the month

JULY, 1984

Hello folks, and welcome to yet another DX Montage. As you can probably tell, I'm once again using a friend's typewriter to complete the column. It appears my Smith Corona is in a state of disrepair, so I am shopping around for a new typewriter, though I must admit, this one is VERY ADDICTIVE, hi. Once again, there were some great contributions this month, so I think I'll end here and save my final comments for the last page.....

We begin this month's column by adding a warm SPEEDX welcome to Jack Sanderson, who recently alleviated Don Johnson from HQS duties. Also, if any sense could be made from last month's chaos (hi), then you know we need editors for Tips 'n Topics, Technical Topics, and the UTE Column. Any of you who feel you can lend a few spare hours a month to edit a column should drop a line to Rick Drollinger at: 9529 W. Sarasota Pl., Milwaukee, WI 53222. You'll get a good feeling from editing a column, plus enjoy a free sub to SPEEDX and other goodies. So, if you are interested, please get in touch with Rick.....

2nd Annual SPEEDX Shortwave Popularity Poll is in full swing, and several of you have already sent in your votes. Those of you wanting to get in on the band wagon should send in your list of favorite stations, programs, and personalities (in order of preference). Final results will be presented in these pages in November, and sent to various DX programs with the hopes of providing an accurate assessment of what you like to hear on shortwave. So please, participate and let your voice be heard. As always, all who participate will get a membership credit.....

DXM Book Review: Clandestine Confidential by Gerry Dexter: This 64 page book is quite extensive, and covers several aspects of clandestine broadcasting, such as: Clandestine DX'ing (how to identify the clandestines), Clandestines Yesterday (a comprehensive history of clandestine broadcasting), Clandestines Tomorrow (countries where clandestines may surface), and the like. Personally, I feel the most valuable, and perhaps the most enjoyable part of the book is the section entitled "Clandestines Today," which lists 30 active countries with clandestines, and a biography on each station. Also to be found in the book are tips on how to verify clandestines, and an interesting article on the infamous Radio Swan. Excellent reading, this book is available from Universal Electronics, 4555 Groves Rd., Suite 3, Columbus, OH 43232, for only \$8.95 (plus 1.75 p&h), or \$8.95 (plus 3.00 postage worldwide). Tnx to Thomas Harrington-OH for providing DXM with a copy of the book for review. (ds.)

Air Force gives thumbs up to over-the-horizon radar: The Air Force announced that it will build an over-the-horizon backscatter radar system on the West Coast. The OTH-B system, as it is known, was developed to increase military preparedness and give fighter aircraft more time to be deployed. The radar has separate transmitter and receiver antennas, each several thousand feet long (I know where to get my beverage antenna, hi! ds.), which must be separated from one another by about 100 miles to avoid interference. The transmitter will be located near Christmas Valley, OR; the receiver near Alturas, CA. In addition, the Air Force plans to establish an operations center and software facility at the Mountain Home AFB in Idaho and a systems support facility near Klamath Falls, OR. The construction of the operations center

(continued, next page....ds)

\*\*\*\*\*THERE MUST BE A CLOUD BEFORE THERE IS A RAINBOW\*\*\*\*\*

and the transmitter and receiver antennas is scheduled to begin next year. Lt. General Robert D. Russ, deputy chief of staff of the Air Force, recently testified before the House Armed Services Committee that the new system is necessary because the Soviet Union is working on a bomber capable of carrying missiles. Slightly larger than the proposed B-1 bomber, the Soviet aircraft, known as the Blackjack, is expected to be operational before the end of the decade. (It will be interesting -or perhaps frustrating- to see what kind of interference is created by this system. Thanks much to John Trautschold-IL for forwarding this from the April Electronic Design. I hope you are now settled in your new home, John. ds.)

Radio Australia offers unusual contest for DX'ers: Through Lori Klosowski of Sarasota, FL, comes word that Radio Australia's new program schedule is a full color poster featuring Australian art works and RA announcers. RA is currently asking listeners to send photographs of themselves listening to "Australia Tonight." Winning photos will appear on a future program guide. (Thanks for your continuing support, Lori. I sometimes make it over to Sarasota, as I enjoy going down to Lido Beach. Perhaps we can get together some time? ds.)

Pin the Tail on Ye Ed: Last month, I wanted to know the power limitations common to the three classes of FM stations. Three members knew that Class A stations are limited to 3kW, while Class B stations are limited to 50kW, and Class C stations are limited to 100kW. Congratulations go out to Eric Cooper-CA, John H. Walters-NJ, and Ruth Hesck-NY. Ruth pulled a "fast one" with her entry, she also listed a "Class D" station, which I have never heard of before. For the record, Class D stations are 10 watt noncomm. educational stations (I suppose for university operations, ds.) That's great work, Ruth! Anyway, all of you folks will be getting a sub (or an extended sub) to the SPEEDXgram. Now, this month's competition: On the SWBC-Africa logo is a map of Africa. This map comes from a QSL being issued by a West African broadcaster. Anyone who can identify the station will win some postcards of beautiful Tampa. All correct entries will be put in a box, and the one drawn at random will also win a copy of the 1984 World Almanac. Everyone who enters will get a membership credit, and foreign entries postmarked by the 20th of the month will be accepted.....ds.

All Band Get Together: Through Ted Fleischaker-KY comes info regarding an informal gathering of SW, BCB, FM and other DX'ers in Louisville the weekend of October 20th. There will be some sessions, tours of radio stations if desired and time for promo trading, etc. If you're interested, Ted plans to meet at a local Holiday Inn, and except for a \$5 or less charge for refreshments, there will be no registration fee. For more info, write to Ted at: 3023 Tremont Dr., Louisville, KY 40205. (Wish I could be there, Ted. Sounds like it'll be lots of fun! ds.)

1984 National Radio Club Convx: As summer rolls around, the NRC will be holding its 1984 convention in the Rocky Mountains. Although a BCB DX Club, many NRC'ers are "all band DX'ers" and some are SPEEDX'ers, too. On the agenda (inc. in the \$32.00 reg. fee) will be a trip to the summit of Pikes Peak by van, a buffet banquet featuring a talk on broadcasting in the People's Rep. of China by Mr. Paul Hale of "Friends and Listeners of R. Beijing," and other events to be announced. The meeting will be held at the Springs Motor Inn (\$35 a night), and as of this writing, SPEEDX'ers expected to attend include Dr. Richard Wood and Rob Harrington. If you'd like to partake in this convention, and desire more info, then write to: Wayne Heinen, 1642-C S. Idalia Circle, Aurora, CO 80017, or call (no collect) 303-695-7788. (Txn to Wayne Heinen for sending this in. Wayne, I appreciated your comments regarding the HCJB SPEEDX reports...and continued success with your "Mediumwave Interlude" segments, also hrd on the Saturday DXPL...ds)

Speaking of the DX Party Line, I believe a few lines should be devoted to honorary SPEEDXer Clayton Howard, who has presented this excellent DX program for, I would say, about twenty years. I talked with Clayton by phone on the 12th of June, and he informs me he will be retiring from HCJB (as of this typing, I am informed Clayton's last DXPL will probably be on June 18th), to retire to Florida. Clayton began working at HCJB back in the 1940's, and has since become a household name to all DX'ers. Clayton will surely be missed, but the torch has been passed on. Another person will host the DXPL, and Clayton and Helen Howard will be enjoying a well deserved rest! Best of luck in the future! (Thanks to Don McCants, who also forwarded info on this..ds.)

\*\*\*\*\*THOSE WITH LITTLE PATIENCE RARELY SUCCEED\*\*\*\*\*



DXM Receiver Review: NRD 515...Best Exalted Carrier. By Ronald Pokatiloff: For SSB and AM listening, the McKay Dymek radios are, by far, the best. But what about Exalted Carrier SSB? Listening to AM stations with the BFO is mandatory in today's crowded bands. I used to think that the ICOM IC-R70 was tops; but no more! My recently obtained Japan Radio NRD 515 is better. Here are my reasons:

1. Wide filters, for better audio, can be used in SSB (ECSSB.)
  2. The passband tuning control can be used to position the filter for best bass response while lowering the carrier/BFO phase distortion (the NRD CANNOT produce a clear signal when the filter is placed directly over the carrier- which would give you the most bass.)
  3. Stability on the NRD 515 is rock solid.
- Believe it or not, I can use my 8kHz filter in Exalted Carrier; however, the 4kHz, in my set, is more satisfactory for many stations. In regards to the passband control, it is almost the same as on the Drake R7(a). You can tune BOTH sidebands, and anywhere in between, with this knob. It doesn't even matter if the mode switch is in the wrong sideband position. BOTH sidebands can be tuned in with the PBT. I am waiting to find out how good the new Eska RX99PL computerized, general coverage receiver sounds with its AM PL detector. It will need a wider filter than the 4kHz supplied (4, 2.2 standard.) I also wonder how good the new ICOM IC-R71 sounds in ECSSB. This improved R70 allows the wide filter to be used in SSB mode. Please report if you have the R71. (I appreciate your research and contributions, Ron. ds.)

Updating the Impossible Catches List, by: Michael Schulsinger-OH: By the time you read this sentence, the Polish Pathfinder's Station on 6195 kHz is expected to have left the shortwave spectrum forever. Shortwave writers have included this station on their lists of difficult-to-impossible catches for many years, and its loss will leave a gap which must be filled. I believe I've found a station that's up to the challenge.

The SPEEDX/EDXC Country List says that any broadcast station between 1635 kHz and 30 MHz is a shortwave broadcaster. Immediately above the low end cutoff frequency is experimental station VL2UV, operated by the Univ. of New South Wales in Australia. According to the 1984 WRTH, VL2UV broadcasts on 1692 kHz with 500 watts between 0845 and 1100 GMT. This would give it a nighttime path to the Americas, making reception possible, at least in theory.

For those of you who may not feel that a 500 watt station provides sufficient challenge, VL2UV maintains a 200 watt translator on 1720 kHz! Perhaps a prize should be offered to the first person in the Americas who manages to pull one of these out from under the radiolocation beacons? (Well, that would be quite a catch, Mike! If any member Down Under has additional info on this station, please, by all means, send it in! ds.)

SPEEDXer George Cady recently wrote in to query about obtaining a list of shortwave publication addresses. Well, George, the best source I've seen is published by Radio Netherlands. Just write in to Media Network (P.O. Box 222, 1200JG, Hilversum, The Netherlands), and ask for "The Booklist." It lists many valuable publications, their price, and where they may be obtained. A very handy publication. ds.

From Rob Harrington-CO comes word that the next Colorado Shortwave and BCB/MW meeting will be held in Denver, CO on July 14th, from 1700 to 2200 GMT. Meetings are also slated for August and September. If interested, why not get in touch with Rob at: P.O. Box 3434, Littleton, CO 80161.....

Finally...this note from Donald Black-NH...Just a "word to the wise." Monitor as many military frequencies as possible, starting at 0001 hours zulu on 4th July. Hmmm, will have to listen out for this one. ds.

Well, that wraps up DXM for another month. I graduated from high school on June 8th, so now I'm out in the real world, hi. hi. I just received my acceptance letter, so will begin attending the University of South Florida here in Tampa in January 1985. Can't wait (hi.) Have also received many good wishes from the membership concerning my new job as DJ on WLPJ. Thanks a lot folks, your cards and letters are a great encouragement here! Finally, I'd like to thank Eric Cooper and Wayne Heinen for their letters. They were especially appreciated. Well, I'm running outta room, so, from the most southern SPEEDX editor, I wish.....

CRACKER COUNTRY: FCC (Funky Communications Commission); that dreaded organization feared by all operators of pirate stations.

73s + Best,  
David

# Tips and Topics

THE FEATURE SECTION OF SPEEDX

TEMPORARY EDITOR: Tom Kephart, P.O.Box 2041, Mt.Pleasant, MI 48858

JULY 1984

Well, SPEEDXers, once again it's me! You will note that I am only the "temporary" editor of this column, and that we still have no takers for this column. Please do not send me a lot of items for "Tips and Topics", though, as I have plenty to do just publishing the bulletin. No complaints about that, mind you, but we really could use some more volunteer spirit, if you catch my meaning.

Last word from Rick D. was that he has probably found someone for Technical Topics. But this column, as well as Mike Chabak's Utility Scene still need loving homes. It takes so little time, really. If you think you might be interested, please write Rick Drollinger now at...9529 Sarasota Place, Milwaukee, WI 53222. Thanks, SPEEDXers.

The following is an article prepared by Neal Purdue. Neal is known in the radio hobby as a pretty sharp thinker when it comes to antennas and their optimum use with a receiver. I'm happy to be able to present his insights. This is part one of two...

## ANTENNA TIPS

by Neal A. Purdue, AL

MANY MEMBERS OF THIS PUBLICATION will have never heard my name, so I will do a brief intro. I have been involved with SW radio and other bands, mostly in NASWA and some smaller clubs, for about 15 years. I always had an interest in antennas, especially for the average DXer with an average-sized lot, and have devoted hundreds of hours, maybe thousands, to the study of antenna theory, but most importantly to the nuts and bolts variety of experimentation...putting them up and taking them down, and comparing the results of one against another. The basic rules may have changed a bit with the advent of the new "Hot Front End" receivers, but I have found that the same old rules generally apply and that overload and cross-mod products are the fault of the receiver rather than the antenna. These rules most certainly apply to older tube-type receivers, and I still stay with them as they cannot be beaten in terms of USEABLE sensitivity, selectivity, and resistance to fading, static, and the usual problems heretofore mentioned in the "New Breed" receivers. My main interests at present, in order, are UTEs, SWBC (primarily Tropical Bands) and BCB. The receivers in use here are the "Rolls Royce": R390A, Drake 2-C, and Hallicrafters SX-100. During the past nine years I have had the luck to be located atop a mountain in north central Alabama. There is considerable iron content in the soil, and I would have to consider it an excellent location for antenna experimentation, though one of my fellow hobbyists once described it as "making a mountain out of a molehill." All comments in this article will deal with receivers which have the capability of utilizing optimum antennas. I recently tried out a DX-302 with a full-sized antenna and it went berserk. Such is progress...we sacrifice performance for convenience features!

1) Unbalanced antennas (dipole or inverted-V) are fine for one-band reception. They will usually cover a 500 KHz spread with very good results without a tuner.

2) These same unbalanced antennas are not suitable for multi-band use, even with a "coax-tuner," compared with an inverted-L through a "random wire tuner." The latter may be a bit noisier on some bands, but you will almost always hear more DX with it. There are basically two types of inverted-Ls. The first, and more common, is fed into the receiver antenna input. The second, which is my preference, is the "Marconi" (also known by some other names), which is taken down to a good ground rod or rods, and then fed into the low-impedance antenna input of the receiver via 50 ohm coax. There are antenna tuners available for both types.

3) The single-wire inverted-L, fed through a compatible tuner, is good, but twice as much wire is needed as with the "Marconi." The formula for the former is 468 divided by the lowest frequency worked (in MHz). This is a half-wave antenna.

4) The "Marconi," which is my favorite limited-space antenna, needs only to be one-quarter wavelength (234 divided by the lowest frequency worked [in MHz]), and is an excellent low-impedance general coverage antenna, though a few precautions are necessary to get the most out of it. First, it is considered by the American Radio Relay League (ARRL) to be a "low-efficiency" antenna, and efficiency can be improved by running parallel wires (such as lampcord). The type of tuner used with this is a "groundplane" random-wire coax tuner. The best one I have found at a reasonable cost is the SST-T1 tuner (P.O. Box 1, Lawndale, CA 90260...or call 213-376-5887). Also, a good ground connection is essential. Both inverted-Ls are essentially non-directional. The old adage of "get as much wire as you can, as high as you can" does not apply, as you will get directional effects at higher frequencies if the wire is too long. A long-time friend of mine in the hobby, Tom Alleman, can attest to the remarkable results of the one-quarter wave groundplane antenna, and the beauty of it is that up there where he lives, snow, ice and winds are a problem, so he managed to string the whole thing inside the house, from his attic down to the shack. He strung a bit over 70 feet of lampcord, and it is resonant (through the tuner) down the 90-metre band. Tom asked me for assistance in setting up his antenna arrangement, and because of various factors we could not erect it outside, yet he is now enjoying the best reception, by far, that he has ever had. The best configuration on either the one-quarter or half-wave inverted-L seems to be about 33 percent downlead and the rest horizontal.

5) Wire. On any type of antenna the wire used should be of sufficient diameter to withstand local conditions. I recommend no less than #16 wire in moderate regions, and #14 up north. If possible, one continuous length should be used, to avoid solder connections which become brittle and are therefore more subject to breaking under stress. ALWAYS use insulated wire. This in no way impairs the quality of reception, and since the RF signals pass along the outside of the wire, corrosion is to be avoided at all costs.

6) If solder connections must be used, coat them with a silicone sealer, such as Elmer's Rubber Sealer. Make sure to scrape them clean and shiny before applying the sealer.

7) Vertical antennas. The same rules regarding length apply with verticals as with any other type of half- or quarter-wave antenna. A vertical can be a valuable asset to any shack, as all kinds of things happen to the polarity of signals between the transmitting site and the receiving site. I have run into some occasions when the vertical antenna was the only one which would give decent reception of a particular station.

(NEXT MONTH... Neal Purdue talks about special types of antennas, the effects of hi and lo impedance, and the weaknesses of modern receivers and how to protect them from damage in a storm. Thanks again to Neal for sharing his knowledge with SPEEDXers. tjk)

73's Tom Keplart

centered in the middle of the passband at the start, so you can lose the signal completely if you turn the PBT control too far in the wrong direction. Something similar to this happens in the AM mode. In the extreme clockwise or counterclockwise position the control is knocking off some of the carrier so signal strength will be down noticeably on the S-meter. Nevertheless, even in the sharpest configuration, audio quality remains good since nearly all of one sideband is retained. Really, this device is almost 100% efficient in eliminating "slop" from nearby signals. Of course if you're trying to clear up a signal that's barely raising the needle on its own and it's 5 kHz away from a signal that just about "pins the meter" all one can expect is considerable improvement and not total eradication of the problem. It wipes "hets" too, provided they lie within the sideband you're attenuating, and in this case they're gone—no vestiges remain.

What you can't get rid of with PBT, you can usually get rid of with the notch. It's 30db deep, very sharp, and spans a usable range of plus-or-minus 1.3 kHz. However, in AM mode, the notch is centered about 2 kHz below the displayed frequency. It is well-centered for SSB and CW operation. Detuning somewhat on AM helps to bring the notch into the ballpark, so to speak.

One has to remember that this radio's ancestors were engineered as SSB transceivers and probably the AM capability was offered in the R70 as an attempt to siden the market to include SWLs as well as to entice the occasional "ham" who is also interested in general band-tuning throughout the spectrum. To keep the price competitive, which it most certainly is at \$650, certain compromises with excellence had to be made.

The first of these is the wide and mediocre quality AM filters. 6 kHz is too side nowadays; 4 kHz with a better shape factor would have been a better choice. Still the installed filters aren't nearly so wide as the 6 kHz filters in the modified Kenwood I had.

The second compromise, and a really weird one, is that the second IF center frequencies are offset from one another as much as 1.5 kHz in the various modes of reception. This makes for some very confusing anomalies at the ends of each 1000 kHz range. This I won't get into. Read the reviews of others; but don't let it scare you off. One does have to learn a lot to get the most out of this set, but it's worth it. Assuming you're looking for a really outstanding receiver with the capabilities this one has, you're not going to mind. Especially for only \$650!

One last littlenicety: the digital display, on its left end, even shows which mode you're tuning and which BFO (A or B) you're using.

As far as I could determine, there's no misleading "hype" in the specs that they don't back up with performance. ICOM is selling an outstanding piece of equipment for a price that is almost ridiculously low. As little as two years ago, comparable equipment was selling for more than twice the price of the R70 today.

On a final note, I encourage others to write up their own views on the ICOM IC-R70 and send them to "Tips and Topics". Several opinions tend to give an objective balance to the discussion of any topic. I'm sure Art will welcome your contribution to "Tips and Topics", so let's hear it from out there "for" (or "against") the R70!


#### ICOM AND DRAKE COMPARISON

by Ronald Pokatiloff

This comparison was made with data taken from reviews, company information sheets, and the personal experience of this writer.

| ITEM                | ICOM IC-R70   | Drake R7A                  |
|---------------------|---|----------------------------|
| Sensitivity         | Outstanding   | Outstanding                |
| Dynamic Range       | Outstanding   | The best                   |
| Spurs               | Some  | Free                       |
| Hum                 | Some  | None                       |
| Audio               | The best  | Fairly good                |
| Overall Selectivity | Excellent   | The best                   |
| Filter quality      | Excellent   | Excellent                  |
| Filter Selection    | 6 kHz, 2.3 kHz, 500 Hz<br>6 kHz narrow to 4.5<br>2.3 narrow to 500 Hz | 5 (6 kHz - 300 Hz)         |
| Stability           | No drift  | Up to 200 Hz               |
| Digital Readout     | To 100 Hz   | To 100 Hz                  |
| Ultimate readout    | To 3 Hz   | To about 30 Hz             |
| Tuning Speeds       | 1 kHz, 100 Hz, 10 Hz  | One                        |
| Tuning ease         | Very good   | Fair                       |
| Passband tuning     | Excellent (Combination IF shift and selectivity?)                     | Outstanding, Full passband |
| Noise blanker       | outstanding—2 widths  | Excellent                  |





# PROGRAM PANORAMA

7/84

**Woody Seymour, Jr. P.O. Box 848 Sanford, N.C. 27330**

A GREAT LOSS... Last month's column was prepared 10 days early in order to accommodate our vacation plans. Thus, I was not able to comment on the tragic death of Oliver P. "Perry" Ferrell. You have read and heard about the circumstances surrounding his passing. Let me say that the shortwave community has lost a good friend in Perry. Gilfer Associates has supplied many countless SWLers with receivers and equipment over the years--both of my receivers came from Gilfer. Perry didn't just sell you a radio in a box--he checked it out before he shipped it out. I extend my sympathy to Jeannie. She will continue to operate Gilfer.

AUSTRIA... The ORF has a new English program schedule out, so here we go: REPORT FROM AUSTRIA is a daily feature, followed by: Mon SPORTS REVIEW; Tue AUSTRIA & THE UN; Wed THE AUSTRIAN ECONOMY; Thu POP CORNER; Fri POLITICAL COMMENTARY and FOCUS; Sat THE TOURIST SCENE; Sun PROFILE OF AUSTRIA and POSTBOX 700. The program is first aired at 1830 UTC, repeated later that day at 2130 and during the next day at 0130, 0330, 0430, 0830, 1030, 1230, 1330, 1500 UTC. AUSTRIAN SHORTWAVE PANORAMA can be heard Sun 0900, 1030, 1230, 1300, 1500, 1805 UTC and 0430 UTC Mon. A new program is AUSTRIAN COFFEETABLE every Sat at 1805 UTC, repeated Sun 0305 and 1205 UTC. The program features mainly music of all styles but also features the other arts, which can be treated in a more expansive way than is possible in the normal daily broadcasts.

(Direct)

BELGIUM... BRT broadcasts in English to North America (see last month's Station Skeds column). Featured programs are: Mon FOCUS, SPORTS REPORT, PARLIAMENTARY CHRONICLE, REGIONAL COOKING; Tue FOCUS, QUESTIONS AND ANSWERS, P.O. BOX 26; Wed FOCUS, QSL CARDS/STAMPS, RADIO WORLD; Thu FOCUS, A WAY THROUGH FLANDERS, CULTURAL REPORT; Fri FOCUS, PERISCOPE/GOVERNING BELGIUM, INDUSTRY AND TECHNOLOGY; Sat CULTURAL REPORT, PEOPLE IN SPORTS, P.O. BOX 26; Sun MUSIC BOX, RADIO WORLD. (John Demmitt, PA)

BULGARIA... According to a schedule received by Larry J. Chickerell of WV, Radio Sofia seems to have decreased the number of specialized feature programs in their English Service. The lineup is as follows: Mon SCIENCE AND ECONOMY, SPORTS ROUNDUP; Tue LIFESTYLE, CULTURAL SCENE; Wed ASPECTS OF COOPERATION, THE SOCIALIST WORLD OF TODAY, YOUTH CORNER; Thu MIDWEEK MAILBAG; Fri THE WORLD THIS WEEK, DX PROGRAM; Sat SATURDAY SPECIAL, MUSIC FROM BULGARIA; Sun ANSWERING YOUR LETTERS, SUNDAY SPECIAL. An earlier schedule received from Bill Shamblin, Jr., CA shows a variety of specialized feature programs, including A NIGHT AT THE OPERA, THE OLD TREASURE BOOK, HOBBY TIME, STAMP SLOT, etc. If the later schedule reflects what Radio Sofia will broadcast in the coming months, it will be bad news for the SWLers. When will broadcasters learn what we like?

ECUADOR... Clayton and Helen Howard hosted their last DX PARTY LINE program over HCJB on June 18. The new host of the program will be John Beck. The Howards are retiring from HCJB and plan to settle in Florida. Clayton has been at the station for 43 years and has seen HCJB & Ecuador develop greatly during that period. The DX PARTY LINE has been a special part of the Howards' ministry at HCJB. Many listeners have gotten their

July 1984

ECUADOR(Con't)...start in the hobby listening to Clayton Howard. On a personal basis, you won't find nicer folks anywhere than the Howards. The results of the latest Review of International Broadcasting indicate that DX PARTY LINE is the 4th most popular SWL/DX program on the air and Clayton Howard is the 7th favorite air personality. It's a fitting tribute to this broadcasting pioneer. We hope that the Howards enjoy their retirement. We'll miss them! (WS)

EXCUSE US...Last month's early preparation of the column caused two contributions to miss inclusion...Jimmy Renn of WA sent in a schedule of Nicaragua(a schedule sent in by another SPEEDXer was used last month). Note that the program CONTACT 248 can be heard over the station daily at 0130 UTC...add this to last month's schedule for the Voice of Nicaragua.....Don McCants of AL sent in information on a series of live satellite broadcasts of a London crusade by Trans World Radio, Bonaire. Even though the broadcasts will be over by the time you read this, it's interesting to note that the technology for such relays by TWR--Bonaire is available. Thanks to these two members for their contributions! A reminder--we could use some contributions for next month's column. Let us know what you are enjoying listening to.

SWEDEN...Radio Sweden broadcasts in English several times per day. English programs are: Mon-Fri WEEKDAY--bulletin of Swedish and Nordic news, followed by current affairs features Mon-Thu; after WEEKDAY, you can hear Mon MUSIC FROM SWEDEN(except 1st Mon of month, when STAMP CORNER is broadcast) Tue SWEDEN CALLING DXERS Wed & Thu FEATURES--taking a longer look at some aspects of life in Sweden Fri THANK THOR IT'S FRIDAY. For the weekend, you can heard Sat NORDIC NEWS WEEK and Sun MAILBAG. (Direct)

UNITED KINGDOM...BBC World Service for July: THE PIED PIPER OF HAMELIN is a special program featured on this month's London Calling cover. Is this well-known story fact or fiction? Find out on the 15th @ 1430, 16th @ 1830, 17th @ 0630 and 20th @ 2330 UTC.....PROMS '84 begin this month. Concerts are scheduled for the 20th, 27th, 28th and 30th at 1830 UTC and on the 29th @ 1515 UTC.....SWINGING SIXTIES is a series in which Ian Birch continues looking at the decade that changed the face of popular music through the eyes of some of the performers of that era. Tune in Mon 1330, Thu 0730 and Fri 0430 UTC.....AT THE PIANO features young British pianists playing music composed by British composers. Tune in Mon 1430, 1715, Tue 1030 and Fri 0630 UTC.

USA...On a recent trip to Washington, DC, I tried to secure a copy of the new Voice magazine at the VOA studios. They politely refused, since I was a US citizen/resident. Perhaps I should have used a Canadian accent! Anyway, thanks to regular contributor Chris Stark who now lives in Ottawa, Ontario, we have a copy of the latest issue of the new VOA program magazine. Special English programming is featured in this issue. In fact, part of the article on the Special English department is actually written in Special English! Other items of interest--THE BREAKFAST SHOW is now called VOA MORNING.....VOA in English to the America--Mon-Fri 0000 NEWS 0010 NEWSLINE 0030 SPECIAL ENGLISH NEWS & FEATURES 0100 NEWS 0110 REPORT TO THE AMERICAS 0200 NEWS 0210 FOCUS 0230 MAGAZINE SHOW 0300 NEWS 0310 MUSIC USA JAZZ 0355 NEWS SUMMARY, SIGN OFF; Sun 0000 NEWS 0010 INTERNATIONAL VIEWPOINTS 0030 STUDIO ONE 0100 NEWS 0110 NEW HORIZONS 0130 SPOTLIGHT 0200 NEWS 0210 CRITIC'S CHOICE 0230 ISSUES IN THE NEWS 0300 NEWS 0310 CONCERT HALL 0355 NEWS, S/OFF; Sat 0000 NEWS 0010 THIS WEEK 0030 SPECIAL ENGLISH 0100 NEWS 0110 WEEKEND 0200 NEWS 0210 AMERICAN VIEWPOINTS 0230 PRESS CONFERENCE USA 0300 NEWS 0310 MUSIC USA JAZZ 0355 NEWS, S/OFF. Next month we'll look at another VOA service and its English programming.

A FINAL NOTE...The 1984 Review of International Broadcasting Survey had BBC World Service as the favorite SW station. RCI was the runner-up, followed by Radio Netherlands, Radio Australia, VOA, Radio Earth, WRNO, Deutsche Welle, HCJB and Radio Moscow. RCI's SWL DIGEST was the favorite program, followed by WRNO's WORLD OF RADIO, RN's MEDIA NETWORK, BBC's WORLD NEWS and HCJB's DX PARTY LINE. Ian McFarland, Glenn Hauser, Jonathan Marks, Jeff White, Alistair Cooke, Rudy Espinal and Clayton Howard were the favorite broadcasters. CUN August!

# WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

PROGRAMS

ENGLISH SERVICE

P.O. Box 146

SERVIZIO

Stoneham, MA 02180

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

Hi folks! Before I go any further along, I think it's time for another introduction for those of you who don't know much about me. I am 32 years old, happily married to my wife of 4 years Nancy. My interest in shortwave began when I was in grade school, back in 1961. I was a founding editor/member of SPEEDX back in 1971. Right now, I consider myself to be a serious DXer interested in Latin American DX/QSLing with Peru, Bolivia and Ecuador my prime DX targets. Countries QSLed include 199 according to the NASWA list. Receivers include a Yaesu-Musen FRG-7000 modified and a Hammarlund HQ-180AX. The antenna is a 120' long wire. My other interests include photography, and working with youth in our church. If there is anything else you want to know, just drop me a line, hi!

We are currently in the J84 period which runs until the first Sunday in September. All schedules are in English unless otherwise noted. Times are in UTC/GMT. Skeds credited to the BBC MS are copyrighted and used by permission.

**ARGENTINA.** The RAE in Buenos Aires has this sked which was taken off-the-air.

|           |       |                        |
|-----------|-------|------------------------|
| 0200-0300 | 11710 | Europe/America         |
|           | 11755 | "                      |
|           | 15345 | "                      |
| 1130-1230 | 11710 | Far East               |
| 1700-1800 | 9690  | Europe/Africa/Far East |
|           | 15345 | "                      |

(H. Bradley)

**AUSTRIA.** The ORF-Vienna has this J84 sked valid until September.

|           |       |                       |
|-----------|-------|-----------------------|
| 0130-0200 | 5945  | North America         |
|           | 9770  | "                     |
| 0330-0400 | 5945  | Eastern North America |
|           | 9770  | "                     |
| 0430-0500 | 5945  | Western North America |
|           | 11665 | "                     |
| 0830-0900 | 6155  | Europe/North Africa   |
|           | 15270 | Australasia           |
|           | 15410 | Middle East           |
| 1030-1100 | 15415 | East Asia             |
|           | 21535 | Middle East           |
| 1230-1300 | 6155  | Europe/North Africa   |
|           | 9770  | North Europe          |
|           | 15320 | Eastern North America |
| 1330-1400 | 11850 | East Asia             |
| 1500-1530 | 6155  | Europe/North Africa   |
|           | 12015 | Southwest Africa      |
|           | 15160 | Southeast Asia        |
|           | 17825 | South Asia            |
| 1830-1900 | 6155  | Europe/North Africa   |
|           | 11660 | Middle East           |
|           | 11835 | East Africa           |
|           | 17710 | South Africa          |
| 2130-2200 | 5945  | Europe/North Africa   |
|           | 7210  | "                     |

(R. Adams.)

**BRAZIL.** Radio Nacional do Brasil "Radiobras" has this current sked.

|           |       |                            |
|-----------|-------|----------------------------|
| 1750-1850 | 15280 | Europe                     |
| 0200-0300 | 15290 | North and Central America. |

(R. Adams, M. Deckman, L. Klosowski)

**BULGARIA.** Radio Sofia has issued the following J84 sked to Europe and North America.

|           |                    |
|-----------|--------------------|
| 0000-0100 | 9700, 11870        |
| 0400-0500 | 11750              |
| 0730-0800 | 11720, 15310       |
| 1930-2000 | 9700, 11720        |
| 2130-2200 | 9700, 11750, 11850 |
| 2230-2330 | 9700, 11870        |

(L. Chickereil)

**CUBA.** Radio Havana has this J84 English sked valid until September 2nd.

|           |        |                         |
|-----------|--------|-------------------------|
| 0100-0450 | 11930  | North America/Caribbean |
|           | 15300  | "                       |
| 0330-0600 | 11760  | "                       |
| 0450-0600 | 15300  | Caribbean               |
| 0630-0800 | 11725  | North America           |
| 1700-1800 | *17710 | Mediterranean/Africa    |
| 2010-2140 | 17885  | Europe                  |
| 2050-2140 | 17705  | Caribbean               |
|           | 17750  | "                       |
| 2200-2300 | *15340 | Europe                  |

\* = via Radio Moscow transmitters.

(D. Claytor, L. Danko, K. Davidson, A. Mathew W. Muzyka, E. Soomre, R. Speer, J. Talbot)

**ECUADOR.** HCJB in Quito has this J84 sked valid until September 1st, 1984.

|           |        |                     |
|-----------|--------|---------------------|
| 0030-0700 | 9745   | North America       |
|           | 15155  | "                   |
|           | 15250  | South/North America |
| 0500-0700 | 6095   | North America       |
| 0700-0830 | 9655   | Europe              |
|           | *11835 | "                   |
| 0700-1000 | 9745   | South Pacific       |
| 0700-1100 | 6130   | South Pacific       |
|           | 11925  | "                   |
| 1215-1430 | 11740  | North America       |
| 1215-1530 | 15115  | North/South America |
|           | 17890  | North America       |
| 1900-2000 | 17790  | Europe              |
|           | 21480  | "                   |
| 2130-2200 | 17790  | "                   |
|           | 21480  | "                   |
|           | 15295  | "                   |

\*=Monday thru Friday starts at 0645 GMT

(M. Caceres, M. Deckman, W. Muzyka, J. Talbot)

GERMANY(Democratic Rep): Radio Berlin International has this summer sked for the North American Service.

|           |                    |      |
|-----------|--------------------|------|
| 0000-0045 | 9730, 11975        | ECNA |
| 0130-0215 | 9730, 11975        | "    |
| 0230-0315 | 9560, 11840, 11975 | WCNA |
| 0530-0615 | 9560, 11975        | "    |
| 2315-0000 | 9730, 11975        | ECNA |

(direct)

JAPAN: CONTINUED.

|           |       |                |
|-----------|-------|----------------|
| 2300-2330 | 9645  | Europe         |
|           | 15210 | Asia           |
|           | 15235 | Southeast Asia |
|           | 17755 | Americas       |

(R. Adams) ¶ = via Moyabi, Gabon

KAMPUCHEA. Radio The Voice of the People of Kampuchea has this undated, yet current schedule.

|           |       |                |
|-----------|-------|----------------|
| 0000-0015 | 9695  | Southeast Asia |
|           | 11940 | "              |
| 1200-1215 | 9695  | "              |
|           | 11940 | "              |

KOREA(South): Radio Korea in Seoul has this listing of English broadcasts which are listenable in North America.

|           |                    |
|-----------|--------------------|
| 0145-0245 | 11810, 15575       |
| 0330-0430 | 9570, 11820, 15575 |
| 1400-1500 | 9570, 9750, 15575  |

(M. Flannagan, A. Smith)

LIBYA. Radio Jamahiriya in Tripoli has this sked dated May 3rd.

|           |       |               |
|-----------|-------|---------------|
| 1900-2000 | 15450 | Africa        |
| 2200-2350 | 11815 | North America |

(BBC MS)

NEW ZEALAND. Radio New Zealand in Wellington has this corrected J84 schedule.

|           |       |                     |
|-----------|-------|---------------------|
| 0345-1215 | 11960 | Pacific             |
| 0530-1215 | 9520  | Australia/Melanesia |
| 1800-2100 | 11960 | Pacific             |
|           | 15485 | "                   |
| 2115-0330 | 17710 | Pacific             |
| 2115-0515 | 15485 | Australia/Melanesia |

(Golab)

JAPAN. Radio Japan in Tokyo has this J84 sked valid until September 1st, 1984. This is the General Service sked in English.

|           |         |                    |
|-----------|---------|--------------------|
| 0100-0130 | 17810   | Asia               |
|           | 17755   | Americas           |
| 0300-0330 | 17755   | Americas           |
|           | 17810   | Asia               |
| 0500-0600 | 15300   | Americas           |
|           | 17810   | Asia               |
| 0700-0800 | 9505    | Americas           |
|           | 17810   | Asia               |
|           | 17785   | Europe             |
|           | ¶121575 | Middle East/Europe |
| 0900-0930 | 9505    | Americas           |
|           | 15195   | Asia               |
|           | 17785   | Europe             |
| 1100-1130 | 9505    | Americas           |
|           | 9580    | South Asia         |
|           | 15195   | Asia               |
| 1300-1400 | 9505    | Americas           |
|           | 11815   | Asia               |
|           | 11840   | South Asia         |
| 1500-1600 | 9505    | America            |
|           | 11815   | Asia               |
|           | 11840   | South Asia         |
|           | ¶121695 | Middle East/Europe |
| 1700-1730 | 9505    | America            |
|           | 9675    | Europe             |
|           | 11815   | Asia               |
| 1900-1930 | 9675    | Europe             |
|           | 11815   | Asia               |
| 2100-2130 | 9675    | Europe             |
|           | 11815   | Asia               |

NETHERLANDS ANTILLES. Radio Netherlands has this J84 schedule. Via Bonaire.

|           |            |            |
|-----------|------------|------------|
| 0230-0325 | 9590, 6165 | USA/Canada |
| 0530-0625 | 6165, 9715 | "          |

(D. Claytor)

POLAND. Radio Polonia in Warsaw is using the following summer schedule.

|            |       |                 |
|------------|-------|-----------------|
| 0200-0300  | 6095  | North America   |
|            | 6135  | "               |
|            | 7145  | "               |
|            | 7270  | "               |
|            | 9525  | "               |
|            | 11815 | "               |
|            | 15120 | "               |
| 0300-0355  | ditto | (same as above) |
| 0630-0700  | 6135  | Europe          |
|            | 7270  | "               |
|            | 9675  | "               |
| 1200-1225  | 6095  | Europe          |
|            | 7285  | "               |
| 1230-1300  | 9525  | Africa          |
|            | 9675  | "               |
|            | 11840 | "               |
|            | 15120 | "               |
| 1400-1430  | 6095  | Europe          |
|            | 7285  | "               |
| 1500-1530¶ | 5995  | Scandinavia     |
|            | 6095  | "               |
|            | 7285  | "               |
| 1600-1630  | 6135  | Europe          |
|            | 9540  | "               |

(continued next page)

POLAND (CONTINUED):

|            |        |             |
|------------|--------|-------------|
| 1630-1700  | 7125   | Africa      |
|            | 9525   | "           |
|            | 9675   | "           |
|            | 11840  | "           |
| 1730-1800  | 6135   | Europe      |
|            | 9540   | "           |
|            | \$5995 | Scandinavia |
|            | \$9675 | "           |
| 1830-1855  | 7125   | Africa      |
|            | 9525   | "           |
|            | 9675   | "           |
|            | 11840  | "           |
|            | 5995   | Europe      |
|            | 6135   | "           |
|            | 7285   | "           |
| 2000-2025§ | 5995   | Scandinavia |
|            | 6095   | "           |
|            | 7285   | "           |
| 2000-2030  | 7125   | Africa      |
|            | 7145   | "           |
|            | 9525   | "           |
|            | 9675   | "           |
| 2030-2055  | 6095   | Europe      |
|            | 7285   | "           |
| 2230-2300  | 5995   | Europe      |
|            | 6135   | "           |
|            | 7125   | "           |
|            | 7270   | "           |

§ = Not Saturday or Sunday  
(BBC MS)

SAIPAN. KFBS in Saipan is now on a regular J84 sked as follows.

|           |       |            |           |
|-----------|-------|------------|-----------|
| 0900-1100 | 11775 | Russian    | USSR      |
| 1100-1300 | 11845 | Mandarin   | China     |
| 1300-1500 | 11820 | Russian    | USSR      |
| 1500-1545 | 11705 | Malayan    | Malaysia  |
| 1545-1600 | 11705 | Urdu       | Asia      |
| 2100-2200 | 15435 | Mandarin   | China     |
| 2200-2300 | 15125 | Indonesian | Indonesia |
| 2300-0000 | 15125 | Vietnamese | Vietnam   |

Reports are welcomed to Box 209,  
Saipan, CM 96950. They have a colorful  
full data QSL card.  
(S. Kosugida)

SOUTH AFRICA. Radio RSA in Johannesburg  
has this schedule to North America which  
is valid until October.

0200-0256 5980, 6020, 9615  
(B. Coomler, M. Hardester, R. Zilmer)

SPAIN. Radio Exterior de Espana in Madrid  
has this schedule which became effective  
on April 9th.

|           |       |               |
|-----------|-------|---------------|
| 0000-0200 | 9630  | North America |
|           | 11880 | "             |
| 0500-0600 | 9630  | "             |
|           | 11880 | "             |
| 1730-1830 | 11840 | Europe        |
|           | 15525 | "             |
| 1930-2030 | 11690 | Middle East   |
| 2200-2300 | 11690 | Europe        |

(R. Adams, L. Klosowski)

SRI LANKA. The Sri Lanka Broadcasting  
Corporation in Colombo has this undated  
sked recently received.

|           |       |                |
|-----------|-------|----------------|
| 0030-0430 | 9720  | All Asia       |
| 1030-1130 | 11835 | Southeast Asia |
|           | 15120 | "              |
|           | 17850 | "              |
| 1230-1600 | 15425 | (B. MacGibbon) |

SWEDEN. Radio Sweden International in  
Stockholm has this J84 sked. It is valid  
until September 2nd.

|           |       |               |      |
|-----------|-------|---------------|------|
| 0230-0300 | 9695  | North America | 320° |
|           | 11705 | "             | 320° |
| 1100-1130 | 9630  | Europe/Africa | 210° |
|           | 15120 | Africa        | 70°  |
| 1230-1300 | 17840 | East Asia     | 55°  |
|           | 21690 | Africa        | 180° |
| 1400-1430 | 15190 | North America | 305° |
|           | 21700 | South Asia    | 85°  |
| 1600-1630 | 17840 | South Asia    | 85°  |
| 1830-1900 | 6065  | Europe/Africa | 210° |
|           | 15240 | Africa        | 165° |
| 2100-2130 | 11845 | Africa        | 180° |
|           | 11955 | Middle East   | 145° |
| 2300-2330 | 11710 | North America | 290° |
|           | 15270 | "             | 290° |

Note: The 0230-0300 broadcast is also  
heard on SSB from Varberg on 17840 beamed  
0° with 100 kw PEP.  
(A. Smith, G. Duncan)

SWITZERLAND. Swiss Radio International in  
Berne has this North American Service  
schedule valid until November 3rd, 1984.  
0145-0215 6135, 9725, 9885, 12035  
0430-0500 9725, 12035  
(J. Demmitt, W. Muzyka, A. Smith, E. Soomre,  
R. Yajko)

UNITED ARAB EMIRATES. UAE Radio in Dubai  
has the following External Service schedule  
in effect to August.

|           |       |                     |
|-----------|-------|---------------------|
| 0330-0400 | 11730 | North America       |
|           | 15435 | "                   |
|           | 17775 | "                   |
| 0530-0600 | 17775 | Far East            |
|           | 17830 | "                   |
|           | 21700 | "                   |
| 1030-1100 | 17775 | Europe/North Africa |
|           | 21655 | "                   |
|           | 21695 | "                   |
| 1600-1630 | 15300 | "                   |
|           | 15320 | "                   |
|           | 21655 | "                   |

(T. McKeon)

USSR. Radio Tashkent. This is their summer  
1984 schedule.

1200-1228 7340, 9650, 9715, 11785, 15460  
1400-1428 " " " " "

All broadcasts are intended for Southeast  
Asia.

(E. Soomre)

VATICAN STATE. Vatican Radio to North  
America.

0050-0110 6015, 9605, 11845  
(J. Talbot)

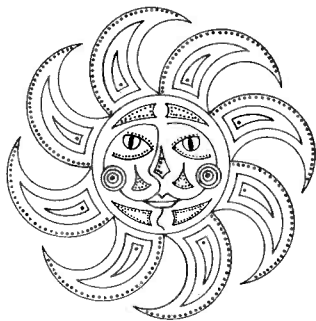
Well, that wraps up another issue of STATION  
SKEDS. Don't forget to write your first  
initial and last name on each sked. Cut  
your skeds apart and write on one side of  
the paper only.

THE OCORA CONTEST IS STILL IN EFFECT. WIN  
IRCS IF YOU HAVE THE FIRST CORRECT ANSWER TO  
THIS FRENCH ABBREVIATION.

73/God Bless You,

19 June 1984





## SPEEDX Western Hemisphere

**EDITOR:** JOHN CEREGHIN WDX3IAO  
P.O. BOX 119  
CHARLESTOWN, MARYLAND  
21914 USA

**Deadline: 12th**

All times and dates UTC. All fqys in kHz

JULY 1984

Well, hello once again from the land of the Eternal Humidity. Right now, we are having the worst heat wave in several years, with high temps near 100 degrees everyday, with humidity to match. Now you know why I hate summer so much! But there is good news this month. First, I finally got some summer work, flipping burgers at a local fast-food joint. I have to admit that I really don't enjoy the work, but it'll keep me busy till school cranks up again. Secondly, despite an early summer here in the East, we have many fine reports this time around.

William Parks down in Florida sends a follow-up report on several of his reports from months past.

- 1) R. Cajabamba, Peru, 7412v was incorrect. This is actually a harmonic of a Colombian, R. Lux (2x 3705.5) The px noted is "Cita Romantica" and not "Super Romantica". Not sure if the references to Cajamarca is correct, but I suspect that they were saying "? marcha". Sure sounds like "Cajamarca" to me as well as several others whose Spanish is much better as mine, but highly unlikely as the station is located in HJ-land. That song was the HJ NA and not a Cajamarcha provincial anthem as I suggested. Not one of my better moments!

"THIS SPACE FOR RENT", hi!

For the "Be Careful With This" department: Carl Huffaker in Mexico City says that R. Tachira, 4830, often gives the TC between selections as "...en Popular" (the same as R. Popular on 4800). Their slogan, which they use occasionally, is "R. Tachira, la popular." I've noticed this several times late Sundays/early Mondays.

Unfortunately for me, I was unable to DX during the eclipse on May 30, but others were at the dials, and those eclipse loggings will be showcased this month, due to their rarity. And with that, remembering that if a station has no language listed, the station was in SS (PP for Brazilian stations), lets begin.....

A R G E N T I N A Deckman CA)  
11710 0200 RAE, EE, nx, mx, "Topics of Current Interest"(343 5/20  
15345 0200 RAE, EE, Argentine nx, regional nx, comments on  
"Disappeared" persons. LA mx (323 5/31 Dillon PA)+2

B O L I V I A  
3390t 0124 Rdif Camargo, Bolivian-style tropical mx, unintelligible  
amnts and Ballads. KOed by UTE @0135, way down in QRM  
(vp 5/21 Parks FL)  
3481v 0050 R. Padilla, possible nx, caught partial "R. Padilla" ID,  
tx w/mx interludes. Peaks around 0110 tho QRM still high  
(pr 5/22 Parks FL)  
4420t 0226 R. Emis. Reyes, CP ballads w/occ amnts. Fair sig, but KOed  
by local SSB UTE tfc. No ID noted (fr/pr 5/30 Parks FL)  
4459 0045 Rdif. LV del Tropicco, Villa Tunari, many EE pop oldies,  
much RTTY QRM, but Readable occasionally. Also hrd 5/14  
and 5/15 (322 5/13 Kostianen FINLAND)(pr 5/19 Parks FL)  
4682nf 0018 Pitititi Rdif, tuned into ID as "R. Pitititi, Guayamerin,  
Republica de Bolivia" and freqs, into LA instr. (pr 5/11  
Parks FL):0201 (332 5/16 Kostianen FINLAND)

- 4803.5 0222 R. Santa Ana, slogan: "Primera en noticias, primera en musica, primera en deporte, primera en radionovelas, primera en sintonia, potencia y su calidad. Santa Ana, la Radio"(nice report! jc)(443 4/23 Kostianen FIN)(I know that this report is old, but I'll cut a break to overseas reporters because of the time involved in getting mail to me. Americans and Canadians should still try to keep their logs fresh. jc)(333 5/24 Streeter NY)(fr 5/12 Parks FL)
- 4938.2 0204 R. Norte, ID as "...Bolivini...transmite R. Norte..." followed by long series of amnts. Ballads, apparent nx. 0255\* (232 5/23 Streeter NY)
- 5076.6 0010 R. Ichilo, relg px w/"Away in the Manger" hymn, ment of R. Ichilo. Ballads, TCs, reverb IDs. Moderate to severe RTTY QRM (pr/fr 5/17 Parks FL)
- 5505 0028 R. Dos de Febrero, relg px "La Biblia Educativa"?(322 5/16 Kostianen FINLAND)(fr 5/31 Parks FL)
- 6105.7a 0250 R. Panamericana, relg px "Bolivia en antena", AM/SW/FM, ID "Panamericana al Mundo...revista radial" w/magazine format. Not hrd this well in a while (vg 5/9 Sheedy CA)(tent 545 6/2 Heinen CO)
- Certainly a good month for Bolivia-hunters! By the way, starting this month, please sign each of your logs with your name and state, not just with your initials. Signing with initials is like not signing your log at all. After all, we would like to know who you are, and you would like full credit for your efforts, wouldn't you? jc
- B R A Z I L
- 2410 0158 R. Transamazonica, Acre, full ID, px sked for the next day, NA to 0204\*. R. San Carlos (2420) and Coari (2490) also in tonight (fr 5/31 Parks FL)
- 2480nf 0120 R. Oito de Setembro, Brasopops w/DJ, ads for Descalvado stores, and cola. Short, deep fades, but good at peak. Listed on 2490 (fr/gd 6/1 Parks FL)
- 3365 0110 R. Cultura Araraguaua, px of Braz pops. ID "...onda tropical, transmite R. Cultura...Araraguaua...", ballad/EZL mx px at 0130. Frequent IDs, TCs (using 24hour format). 0300\* (232 6/5 Streeter NY)(fr 5/21 Parks FL) 5/12 Huffaker MX
- 3375 0951 R. Nacional Sao Gabriel de Cachoeira, usual format, IDs (242 4815 0212 R. Nacional Tabatinga, Braz pops and ballads, IDs as "R. Nac." incl freqs., some ads, more EZL ballads. RTTY QRM (232 5/18 D'Angelo PA)
- 4845 0114 R. Nacional do Manaus, nice vocals and instrumentals, "RNdM" IDs, pop songs also hrd (343 5/21 Prath FL)(433 5/25 Dillon NC) (fr/pr 5/28 Parks FL)(343 5/14 D'Angelo PA)
- 4880 0010 Rdif. Acreana, hyper OM w/apparent "futbol" match. Several ments of Acre and Rdif Acrena (fr 5/21 Parks FL)
- 4905 0120 R. Araguaia, overmod pop vocals over Relogio sig, some US pops such as M. Jackson's, IDs fairly frequently but hard to copy, "R. Araguaia, una emisora de..." Getting stronger and more fuzzy as time went on, tune-out 0206 (433 5/30 Lowe NC)+
- 4915 0305 R. Anhanguera, IDs, mx (433 5/27 Falbo OR)(444 5/20 Prath FL)
- 4935 0130 Rdif de Jatai, ID "Radio Dif. de Jatai Ltda, ZYH 765 onda media 680 khz 1000 watts de potencia, ZYF 694 onda tropical faixa de 62 metros frecuencia de 4935 khz 2500 watts de potencia, a Rua Jose Carvalho Bastos 542 Jatai, Goias, Brasil" (444 5/19 Kostianen FINLAND):2320(fr 5/27 Parks FL)
- 4955 0457 R. Marajoara, on late w/continuous Braz pops until series of amnts at 0510. ID as "Super Marajoara". Mx continued till 0521\* (343 5/27 Streeter NY)
- 4965 0117 R. Poti, Braz pop mx px, occasional ads or promos, canned IDs as "R. Poti de Natal.", into px of US big band mx at 0130 (333 5/23 Steeter NY)
- 4985 0019 R. Brasil Central, mx, ID (333 6/2 Bishop NY)(5/28 Schmautz NY)
- 5015 0200 R. Copacabana, hard (next word looks like 'ryss' jc) QRM on this freq here in Finland, but hrd w/nx and ID at 0200 (322 5/21 Kostianen FINLAND)
- 5045 0758 R. Cultura do Para, tx w/ments of Brazil, 2 IDs, reverbaration mike, one clear ment of "R. El Sol" (hmmm), mushy AM audio and better via LSB (343 5/28 Hardesten NC)
- 5965 0355 R. Guaiba, sx tx, ID, tx w/sudden 0404\* (fr 5/31 Famularo NJ)
- 6035 2320 R. Globo, tx btwn OM/YL, singing ID, nx, pop mx (232 5/18 Dillon PA)
- 9645 0700 R. Bandeirantes, OM ID at 0703, mx (323 5/13 Falbo OR)

more B R A Z I L!!!

9680 0830 R. Nac. da Amazonia, bank ad, Radiobras ID, singing  
RNac ID, Braz mx, TC, RNda ID (444 5/7 Dillon PA)+1  
15290 0230 Radiobras, EE, geography lesson, Braz mx (555 5/31  
Klosowski FL)(534 5/12 Gray MI)(555 5/28 McKeon IN)(Falbo)

C H I L E

15140 1855 R. Nacional de Chile, sx broadcast w/many ments of Chile,  
Santiago, Valpariso. This on my new Sony 2002, so freq must  
be right (it is jc)(444 6/3 Cooper CA)(333 5/12 Berri CA)+2

C O L O M B I A

4815 2350 R. Guatapuri, upbeat LA mx, ID after most songs. Not 4818  
(as they were on 4818 a few years ago jc)(333 5/20 Prath  
FL)(333 5/21 Huffaker MEX):0400\* (433 5/21 Sable NY)  
4865 0605 LV del Cinaruco, CARACOL all night px (Banco de Bogota nx  
at 0700, 7/4945 (343 5/28 Huffaker MEX)(Prath)(Dillon)  
4875 1010 R. Super, LA mx. tx (333 5/18 Weikel MI) PA)  
4945 0405 CARACOL Nevja, CARACOL IDs, rock mx, TCs (333 5/19 Dillon  
4975 2310 Ondas del Ortegaaza, campesino mx, full ID w/SW and MW freqs  
UTE absent (gd 5/12 Parks FL)  
5095 0011 R. Sutatenza, classical and LA mx, TC, ID, CW QRM (553  
5/7 Hesch NY)(322 5/13 Falbo OR)  
5955 0352 LV de los Centauros, LA pops, canned IDs as "Esta es LV  
de los Centauros en Villavicento, HJKW, 1140 khz, 5955 khz  
onda corta, banda internacional de 49 metros. Emisora...a  
la primera cadena radial colombiana, CARACOL, la gran  
compania" (433 5/23 Streeter NY):\*0855 (454 5/29 D'Angelo)  
6065 0715 R. Super, LA pops, frequent exuberant ID (Super! Super!  
Super!)(343 5/10 Hull WA)  
6115 1056 LV del Llano, banco ad, ID, TC, "Coke is It" ad, LA mx  
(343 5/26 D'Angelo PA):6118a (433 5/10 Kerrigan IL)+1  
6150 0515 LV del Huila, LA mx, IDs btwn songs (444 6/2 Heinen CO)+1  
6160 1145 Emis. Nueva Granada, slow-type LA mx, instrumentals,  
frequent IDs and ments of Colombia. Some IDs as Radio  
Colombiana (343 5/20 Prath FL)  
9635 1300 Rdif Nacional Colombia, bell chimes on the hour. ID "Desde  
Bogata, transmite RdNdC" Very nice EZL mx (554 5/19  
Prath FL)(333 5/21 Dillon PA)

E C U A D O R

3220 0419 HCJB, EZL mx (343 5/30 Thunberg PA)(242 5/12 Huffaker MEX)  
3261 0243 LV de Rio Carrizal, LA ballads, full ID and NA at 0329\*  
(242 5/10 Huffaker MEX)  
3280 0156 LV de Napo, Mexican-type ballads, off-hand ID at 0202  
(343 5/11 Huffaker MEX)  
3290 0210 R. Panamericana, HC mx, mostly ballads. Tent shouted ID,  
apparent nx. Used USV to avoid UTE open carrier. T\*storm  
QRM (pr 5/25 Parks FL)  
3316.2 0344 R. Pastaza, pop mx px incl SS/EE versions. S/off amnt, then  
canned ID as "Transmitio para la...y todo el pais, Radio  
Pastaza...profesionales de Pastaza, desde Puyo el Ecuador."  
NA, 0404\* (242 6/2 Streeter NY)(242 5/10 Huffaker MEX)  
3325 0444 Ondas Quevedenas, ID and promos into nx w/TCs btwn items.  
TCs 6 minutes fast (WWV they ain't, hi! jc)(444 5/9  
Huffaker MEX)  
3380 1035 R. Iris, block of ads, TC, ID, into mx (343 5/9 Huffaker  
MEX)  
3395 0431 R. Zaracay, px of Cuban mx, ID (444 5/10 Huffaker MEX)  
4656t 0941 CRE, mx px, ad for National Bank (455 5/28 McKeon IN)+2  
4680 0120\* R. Nacional Espejo, px "Musica para Ustedes", either off  
or faded at 0120 (242 5/27 Huffaker MX)(333 Weikel MI)  
4792 0331 Sistema de Emis. Atalaya, ID "Emis. Atalaya", ballad and/+4  
hard rock mx. Severe QRM de R. Atlantida (222 5/11 Hevern NY)  
4795 0119 LV de los Caras, mx w/dedications and church amnts  
(references Bahai de Caraquez)(242 5/21 Huffaker MEX)  
4800 0509 R. Popular, usual "...en Popular" IDs (333 Huffaker MEX)  
4820 0853 R. Paz y Bien, formal \*0902 w/NA after px of waltz mx  
(242 5/12 Huffaker MEX)  
4870 0323 R. Rio Amazonas, mx px, TC, ID as "...las 10 de la noche,  
25 minutos en 'El...Continental'...Rio Amazonas, primera  
cadena de radio" Occasional tx abt "los problemas mundo  
moderno". NA, 0433\* (343 5/16 Streeter NY)(Huffaker MEX)  
4889.8 0325 R. Centinela del Sur, ballads, occasional canned promos.  
S/off amnt w/ID, freqs, NA, 0406\*(333 6/3 Streeter NY)+1

## E C U A D O R...

(TN)+2

4920 0300 R. Quito, ads, harp solos, singing (444 5/5 Robinson  
 4977 1106 R. Tarqui, nx, ID (a powerful sig here in the AM)(444  
 5/9 Huffaker MEX)  
 4990 0444 R. Bahai (pardon the shift in type! jc)Cuban mx, TCs  
 btwn selections "...en R. Bahai"(343 5/10 Huffaker MEX)  
 0459\* (333 5/13 Cunningham OH)  
 5015 0300 Escuelas R. Popular, nice local mx, 0303\*, amnted freqs,  
 QTH and tel # followed by NA (333 5/11 Schmautz NY)+1  
 5026 0432 R. Splendit, px of backround mx (like elevator mx? jc)  
 TCs, 0506\* w/full ID and NA (343 5/19 Huffaker MEX)  
 5050 0933 Jesus de la Gran Poder, non-stop relg mx till full ID  
 and NA at 0942 (444 5/22 Huffaker MEX)

As you can see, I'm really using a good bit of space this month, so I'll  
 have to condense HCJB this time. Sorry gang! EE unless indicated...  
 6050...0245 (444 5/30 Grosvenor CA) 15060..0114 (252 6/5 Hardester NC)  
 9715...0250 (444 5/21 Dillon PA) 15115..1230 (444 5/27 Marcie NJ)  
 9745...0250 (444 5/21 Dillon PA) 15155..0445 (434 5/26 Preston CA)+4  
 11835..0730 (444 5/26 Shimada JP) 17890..1510 (333 5/7 Addison KS)  
 11960..0315 (444 5/28 SS Dillon NC) 26020..2130 (252 5/19 Soomre CA)

## F R E N C H G U I A N A

5955 \*0858 RFO, FF, s/on w/IS and ID (343 5/20 Huffaker MEX)  
 15180 0305 RFI Relay, FF/EE, FF til 0315 ID, nx in EE (Newlon NM)+3

## G U Y A N A

5950 0811 GBC, EE, death amnts (a perfect show to wake up to, jc)  
 East Indian song, ad for "Housewives Friend", greetings  
 px (444 6/2 McKeon IN)(343 5/29 D'Angelo PA)

## P E R U

3240 0210 R. America, mx, DJ chatter, ID w/electronic sound effects  
 promos (gd 5/31 Parks FL)  
 3310 0135 R. Bagua, ID @ tune in, hymn, into relg px. Severe het  
 de OC (pr 5/24 Parks FL)  
 4300 0115 R. Moderna Celendin, tx, ment Celendin and Peru, QRN and  
 RTTY QRM made for difficult copy (pr 5/22 Parks FL)  
 4775 0303 R. Tarma, ballads plus occasional livelier selections,  
 canned IDs, promos (322 6/5 Streeter NY)  
 4790 0415 R. Atlantida, LA pops, positive ID (333 5/5 Murphy MI)  
 4854 0215 R. Pampas, "Programa con Informacion..." px (433 5/10  
 Kostiainen FINLAND):1010 (pr/fr 5/20 Parks FL) Parks FL)  
 4860 1015 R. Chinchaycocha, DJ w/huaynos, crillo mx. TCs (fr 5/24  
 4895.4 0228 R. Chanchamayo, ment of "RC", LA noticias, TCs. R. Bare  
 absent (fr/pr 5/11 Parks FL)  
 4922 0201 R. Ondas del Titicaca, ID "Desde Puno en la republica del  
 Peru, Ondas del Titicaca, una voz de amistad" (333 4/24  
 Kostiainen FINLAND)  
 4934.6 0325 R. Tropical, ballads, ID/QTH given, followed by canned  
 ID and amnt. NA, 0402\* (343 5/18 Streeter NY)+1  
 4950 0202\* R. Madre de Dios, orchestral mx, then s/off amnts with  
 calls, QTH as Puerto Maldonado "republica del Peru",  
 then ID, all over a segment from the Grand Canyon  
 Suite. NA @0159:30, then a quick "Viva Peru", and off.  
 Just audible above the noise; my first log of this  
 (222 5/18 Cunningham OH)(322 5/8 Kostiainen FIN)  
 4990t 0410 R. Ancash, pop vocals, long period of drum-xylophone  
 -cowbell sounding mx, trumpets almost like a DJ, very  
 infrequent TCs in GMT-5 (EST jc) and usually in 24hr  
 time ("Son las veinte-tres y cuarenta, las once y  
 cuarenta")(Lowe NC)(222 5/12 Kostiainen FINLAND)  
 4995.8 0307 R. Andina, px of local mx, occasional amnts, TC, ID  
 (232 6/4 Streeter NY)  
 5050 0202\* R. Municipal de Cangallo, ID "Transmite R. Municipal...  
 en 5050 kcs, banda de 60 metros de onda corta...republica  
 del Peru" 0202\* (222 4/29 Kostiainen FINLAND)  
 5060 2355 R. Amazonas, ads for Inca Cola and Iquitos businesses,  
 nx, chimes, TC, reverb ID, QRN (fr 5/17 Parks FL)  
 5112 0146 R. Eco, futbol match, many ments of Iquitos (333 5/24  
 Thunberg PA)(222 5/13 Falbo OR)(322 5/16 Kostiainen)  
 5324a 0227 R. Acobamba, LA and disco mx (322 5/10 Kostiainen FIN)+1  
 6242t 0045 R. Municipal de Calca, beautiful andean mx (222 5/15  
 Kostiainen FINLAND)...more Peru to follow...jppc

P E R U.....

6272 0244 R. Huayabamba, ballads and huaynos w/some Latin rock, TCs ID, strong sig. This is the correct station name per QSL (fr/pr 5/10 Parks FL)  
6724.2 0338 R. Satelite, LA vocals, some w/def Andean flavor. Frequent GMT-5 TCs, gave mensajes ("Atencion...") to local listeners. Mostly weak and covered by OC at first, but lvl steadily improved and OC subsided. Easiest log ever past 0400 (222-322 5/12 Cunningham OH)  
9988 0200 Estacion 2000, lite instr mx and LA mx (222 5/10 Kostianen FIN)(fr/gd/fr 5/8 Parks FL)

S U R I N A M

5010t 0145 SRS, EE/? , mostly rock mx w/amnts in EE/DD? Poor copy due to RTTY QRM, but presume this one. (pr 5/16 Parks FL)

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

3295 0245 either R. Tapuio, Brazil or R. Trujillo, Venezuela, but I can't figure out which one because after many nights of monitoring, I still haven't heard an ID. Comes in fairly well with contemporary instrumentals or slow LA tunes. Heard often past 0400 (Cereghin MD)  
6323.7m 0220 probably from Moyobamba, Peru, heard weakly w/LA tunes (222 5/16 Kostianen FIN)

V E N E Z U E L A

3255 0140 R. 980/LV de El Tigre, LA mx, TCs, ID (333 5/25 Dillon NC) +2  
4770 2345 R. Mundial Bolivar, SS love ballads, ID (343 5/15 Murphy MI)(333 5/7 Dillon PA)  
4830 0000 R. Tachira, various LA mx, TC/ID (444 5/21 Prath FL)+1  
4880 0920 LV de Carabobo, YV mx, ID, gd on ECLSB (5/31 Perdue AL)  
4970 0116 R. Rumbos, LA mx (322 5/10 Bishop NY)  
4980 0952 Ecos del Tobres, mx px, ID (555 5/28 McKeon IN)+2  
4990 1000 R. Barquisimeto, LA mx, TC, ads (444 5/17 Weikel MI)+2  
5030 0440 R. Continente, LA mx, choral mx, ship-to-shore QRM (333 5/31 Witte CA) (433 6/2 Bishop NY) (5/11 Parks FL)  
5050 0328 R. Mundial, typical YV mx, TC, occasional IDs, over RTTY  
6180 0915 R. Turismo, LA mx, ment Andes and Venezuela, ID as "R. Turismo es numero uno", canned IDs too (343 5/7 Dillon PA)

.....NORTH AND CENTRAL AMERICA.....

A I A S K A

11789 1815 KNLS, EE,,ad for Bible course, Glenn Miller Lux (131 6/1 Gray MI)  
11940 0700 KNLS, EE, ID, jazz mx (443 5/27 Shimada JP)(Cooper CA)+1

A N T I G U A

6175...2300 condensed this month due to space PA  
6175...2300 BBC Relay EE (Ruckman OH)+1 9735...1100 DW Relay (Dillon)  
9650...0650 DW Relay EE (444 5/6 Cox CA) 11775...1513 BBC Relay (Brewer AR)+3

B E L I Z E

3285 0235 R. Belize, EE, very hvy QRN de T\*storms, mx px (232 5/30 Newlon NM)+2

C A N A D A

5960 0241 RCI, FF, wkcd nx in EE (434 5/21 Lord CA)+3  
5965 1300 BBC Relay, EE, book review px (353 5/6 Ruckman OH)  
6005 1640 CFCX Montreal, noted during eclipse w/CFCF ID. Station previously dominate on 6006 (Reloj?) not traceable even with BFO (453 5/30 Hardester NC)(341, QSBing Chickerell WV)  
6070 1555 CPRX, Toronto, unusually strong during eclipse (as compared to regular daytime reception here) w/tx on Toronto (444 5/30 Hardester NC)(554 5/26 Harada CA)+2  
6080 0005 CKFX Vancouver, EE, nx, mx, ID "AM Stereo WX 1130" (333 5/6 Palbo OR)  
6120 0204 RCI, EE, details on Olympic boycott(5/24 444 Gray MI)  
6160 1655 CKZU St. John, hopefully the station noted during eclipse at 1655-1734 w/CBC nx, classical mx. Prior to hour, noted 17 pips (1 second apart, .5 seconds long), followed by 9 seconds of open air, then 1 pip of 1 second duration, and into nx. A ment of "Richard Beacon... Wednesday...afternoon..." Sig peaked at 1706 (352 5/30 Hardester NC)  
9590 2320 BBC Relay, EE, "Letterbox", read my letter! They say that they won't add weather info as there is no interest in it.



| ITEM              | ICOM IC-R70   | DRAKE R7A   |
|-------------------|---|---|
| AGC               | Excellent—slow-fast-off   | The best—slow-med.-fast-off   |
| RF-AF gains       | very good   | excellent   |
| Squelch           | Yes-good  | none  |
| Tone Control      | Yes-very good   | none  |
| Main Tuning Dial  | The best—easily adjustable  | Fair  |
| S-meter           | The best  | Outstanding   |
| Fine Tuning       | The Best  | Outstanding   |
| Notch             | Very good, 30db   | Better, 40db  |
| Memories          | 2 VFO's   | 8 Fixed crystals, optional.   |
| Modes             | AM-SSB-CW-RTTY  | AM-SSB (reads carrier) No offset for CW or RTTY   |
| AM                | Auto-offset, reads carrier  | Excellent, synchrophase, but only fair audio  |
|                   | FM optional   | Excellent   |
|                   | Excellent (Best audio)  | Excellent   |
| SSB               | The best  | excellent   |
| EC SSB            | The best  | excellent-switched  |
| CW                | the best  | none-not needed   |
| Preamp            | excellent-switched  | the best  |
| Attenuator        | 20 db   | outstanding   |
| Appearance        | very good   | phones, ex. speaker,  |
| Parts-workmanship | very good   | 3 antennas, external receiver,  |
| Ease of service   | small enclosure   | interface, freq. counter, audio, etc.   |
| Inputs-outputs    | phones, ex. speaker, scope, 2 antennas, ground, AC, accessory socket, mute, convertor, audio etc. | AC/DC   |
| Power             | AC/DC   | Mute, cal., RIT   |
| Misc. Features    | Simmer, dial lock   | Freq. offset  |
| Antenna           | 1-general, COAX<br>2-Low band   | 2 antennas for 2 radios. 1 antenna for converter, outstanding antenna system                              |
| Accessories       | High quality SSB passband filter, narrow CW filter, FM mode, speaker                              | Some filters, fixed crystals, board, speaker, interface cable it, others                                  |
| External Control  | Not available, but computer can be used. . .with instructions from ICOM's main American office    | RV75 synthesized VFO. . .better stability, tuning rate adj., 10 Hz resolution, 3 programmable fixed freq. |
| Price             | \$750.00 List   | \$1650 List   |
| USES:             |   |   |
| Ham               | The Best  | Excellent   |
| UTE Listening     | The Best  | Excellent   |
| UTE DXing         | Outstanding   | Outstanding   |
| BC listening      | The best  | excellent   |
| BC DXing          | excellent   | The Best  |

## OPINIONS AND VIEWS

VIEWPOINTS ON A VARIETY OF TOPICS  
RELATED TO DXING AND SWLING

A REBUTTAL TO RESPONSE TO A RESPONSE

by Peter C. Card, RI W1WDD

From reading the latest episile regarding the issue of ham radio vs. SWling debate by Tom Phillips, I find there are statements made without qualification which deserve rebuttal.

For a start, let's take up the point of contention where the SWL only has to hear the station vs. the ham operator having to be heard in return with an exchange of reports

more C A N A D A

(cont) Is this so? (I'd just like to thumb my nose at the BBC for their very naive view that no one cares about weather. As a meteorology major at the Univ. of Maryland, and future employee of the National Weather Service, I think that everyone is interested in weather, right? jc)  
(444 6/2 Fleischaker KY)(444 5/30 Dillon NC)  
9755 2300 RGI, EE, instr mx, tx on Olympics (555 5/12 Card RI)+1  
15260 1643 BBC Relay, EE, "Science in Action"(433 5/11 Dillon PA)  
17820 1831 RGI, FF, tx abt reggae mx (343 6/3 Newlon NM)

Sorry folks, but I won't have room for CLANDESTINES and PIRATES this month. Try again next month! jppe

C O S T A R I C A

4825 0211 R. Columbia, nx rpt via telephone, QRN (444 5/19 Dillon PA) +3  
4832 0217 R. Relej, possible nx, dis abt CA (343 5/19 Dillon PA)  
5954 1555 R. Casino, ID, usual LA mx. This and other CAs audible btwn 1555-1630 due to eclipse. Other TIs 4832, 6006, 6072, 6175, 9645, 6150.XEs 6045, 6105, 6115, 6165, HRs 4820, 6076, Nicaragua 6100, 6120, 6200 all in w/fair-to-good lvl (gd 5/30 Parks FL):0602\*(343 5/19 Huffaker MX)(Ruckman OH)  
6150 1600 R. Impacto, ID during eclipse, CW QRM (433 5/30 Hardester)+1  
6175 1603 Faro del Caribe, possibly the one hrd during eclipse, letters "...I-F-C" hrd along w/freq of 5055 (252 5/30 Hardester NC) 5/5 Murphy MI  
9645 2323 Faro del Caribe, tx by enthusiastic DJ, ID w/chimes (343 (433 Dillon NC)

C U B A

4765 0005 R. Moscow Relay, RR, tx, nx?, then ment Wash. Post, mx  
9640 1135 RHC, FF, all kinds of mx, ID, interviews, target is "The Americas" (333 5/21 Dillon PA) McDowell IL)+1  
11840 1330 R. Moscow Relay, EE, jazz mx, Kremlin Bells, nx (444 5/27  
11930 0315 RHC, EE, tx abt US/Nicaragua (433 5/12 Gray MI)  
12130 0325 RHC, EE, "Today in History"(444 5/10 Deckman CA)(odd freq, jc)  
15300 0400 RHC, EE, Cuban mx (343 5/25 Bradley MA)(Preston CA)+1  
17722 2100 RHC, EE, rpt on Olympics, //17705, hetting 17720 (322 5/11 Hardester NC)  
17790 1645 RHC, ID, s/off (5/13 Szabo KS)

D O M I N I C A N R E P U B L I C

11700 0025 R. Clarin, tx abt Olympic boycott, hum in audio (444 5/12 Murphy MI)

H A I T I

4930 1639 4VEH, SS (SS Bob? jc)tx, no ID hrd, heard during eclipse when shadow was at its totality in this area (was it clear in DuBois Bob? Did you see it? It was so cloudy in MD that I couldn't notice a thing. I was out mowing grass, and all I noticed was that it got darker, but it was already dark. Rats! jc)(1st time I've ever hrd anything on 60m between 1400-1800)(242 5/30 Thunberg PA):1546, during eclipse, FF (Creole?), CW QRM (343 5/30 Hardester NC) 0115 (121 5/31 Knapp WV):0900 (5/31 Perdue AL)(Bishop NY)

H O N D U R A S

4820 0200 LV Evangelica, relg mx, classical mx (232 5/19 Dillon PA)

M E X I C O

6145 0515 R. Universidad, classical mx px from "Theatro de la Paz" (surprised to hear them in the clear at night (343 5/19 Huffaker MEX)  
11770 1500 R. Mexico, LA mx px, "R. Mexico" ID, "R. Mexico presenta musica" (333 5/28 Prath FL)  
15160 1425 LV de America Latina, 95% of xmsn is full of ads, what to buy for Mother's Day, cosmetics (333 5/12 Grosvenor CA)

N E T H E R L A N D A N T I L L I E S

6165 0134 RN Relay, "Happy Station" (444 5/21 Dillon PA) EE!  
9590 0230 RN Relay, "EE "Newsline" (555 5/31 Dillon NC)(Stiner NY)  
11875 1240 TWR, EE, relg tx, mx //11815 (444 5/12 Prath FL)  
15315 0210 RN Relay, tx abt oil exploration, 0225\*(544 5/30 Dillon NC)  
17605 2054 RN Relay, EE (EE above too, sorry! jc) "Happy Station" (333 5/28 Swinn CA)

I'll start Nicaragua on the last page. Those of you who might write me letters and then wonder why I never answer, I have a very simple excuse: I always forget to write back! I'll try harder from now on, promise!

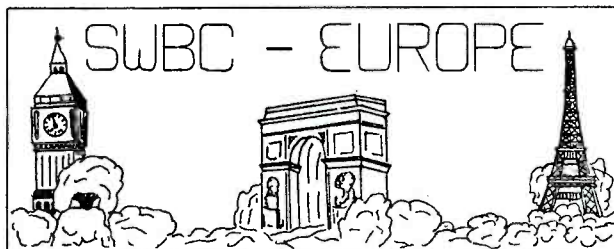
my last page! Woe is me! (How about you?)

# N I C A R A G U A

6017 0430 VONicaragua, EE, tuned in to a letter-reading px, mainly from Canadian listeners. Very informal style to the show, with a few jokes, a few wisecracks, and the ever-present anti-US propaganda. The announcers spoke great EE, and were making every attempt to be freindly to Canadians who might be tuned in. Sounded like a carbon-copy of RHC. Great LA mx tho (vg 5/28 Cereghin MD):6015 family (333 5/13 Cooper CA)(433 5/9 Hevern NY):0500\* (433 5/13 Thompson CA) (233 5/26 Preston CA)(444 5/11 Deckman CA):the 6016 person is (555 5/28 McKeon IN): 6017 includes (6/1 333 Gray MI) the precision guys on 6017.5 include (444 5/26 Prath FL) (gd 5/9 Sheedy CA): and the best of the rest..6020 (554 5/5 Blanchette FL)(really now folks, we've got to get together on that correct frequency, hi! jc)

| U N I T E D | S T A T E S   | PA)(Blanchette FL) |
|-------------|---|--------------------|
| 5985 0125   | <u>VOFC</u> via <u>WYFR</u> , EE, "Tops in Chinese Pops" (544 5/31 Dillon)  |                    |
| 6035 0730   | <u>VOA</u> , EE, nx (322 5/13 Falbo OR)   |                    |
| 6130 0100   | <u>VOA</u> , EE, wld nx, "New Horizons" (444 5/21 Dillon PA)  |                    |
| 6185 0300   | <u>R. Earth</u> via <u>WRNO</u> , EE, ad for <u>WRTH</u> and <u>Practical Wireless</u> magazine, ID (354 5/14 Keenan CA)(555 5/11 Szabo KS)(I understand that <u>WRNO</u> and <u>R. Earth</u> have had some friction in personality in regards to <u>WRNOs</u> relay. If we're not careful, you may not be able to hear <u>REI</u> over <u>WRNO</u> jc) |                    |
| 6190 0140   | <u>VOA</u> , SS, tx abt deficit, ID "Desde Washington", big band mx (444 5/21 Dillon PA)  |                    |
| 7355 0250   | <u>WRNO</u> , EE, rock mx, <u>WRNO DX T-Shirt Ad</u> (what is it, a T-shirt woven of longwire or something? jc), switch to 6185 at 0300 for <u>REI</u> (444 6/2 Heinen CO)  |                    |
| 9455 0030   | <u>VOA</u> , EE, tx abt Harry Truman (433 5/6 Marcie NJ)  |                    |
| 9515 0300   | <u>BBC Relay</u> , EE, "News about Britian", 0330* (333 5/30 Dillon)  |                    |
| 9615 0645   | <u>KGFI</u> , SS, tx, ID, <u>Americas nx</u> (5/16 Kerrigan IL)   |                    |
| 9852 0700   | <u>WYFR</u> , EE, "Open Porum", why of frequency for so long? (I dunno. Why does it always rain after you wash your car? I dunno either..jc)(544 5/14 Hardester NC)   |                    |
| 11590 2345  | <u>VOA</u> , EE, px from the <u>Grand Ole Opry</u> (finally, some shows of quality! jc)(444 5/11 Langlois GA)   |                    |
| 11805 1615  | <u>AFRTS</u> , EE, <u>Indy 500</u> , //9700 (444), 15330 (444 best).15430 (333)(444 5/27 Newlon NM)   |                    |
| 11875 1613  | <u>WYFR</u> , EE, letters from listeners (322 5/27 Newlon NM)   |                    |
| 15145 0130  | <u>WINE</u> , EE, relg mx and cmnty (444 5/29 Langlois GA)  |                    |
| 15120 0820  | <u>UN Radio</u> , EE, <u>UN nx</u> , dis of <u>UNESCO</u> , 0830* into <u>FF</u> (232 5/5 McKeon IN)  |                    |
| 15330 1630  | <u>AFRTS</u> , EE, how to cook foods from other nations (throw in the microwave oven for 15 minutes like I do, hi! jc), 1700 GMT freq useless from <u>QRM</u> (343 5/10 Duguay MA)  |                    |
| 15335 1445  | <u>KGFI</u> , SS, hymns, tx (333 5/26 Ruckman OH)   | +1                 |
| 15410 2320  | <u>VOA</u> , EE, semiclassical mx (whazzat? jc)(444 5/15 Addison KS)  |                    |
| 15525 1430  | <u>WYFR</u> , EE, "Echos" (443 5/5 Unruh HI)  | MA)                |
| 15600 1930  | <u>VOA</u> , EE, <u>Music News</u> , strong sig, but vavey (444 5/10 Duguay)  |                    |
| 17765 0217  | <u>AFRTS</u> , EE, <u>ABC nx</u> , <u>CBS nx</u> , rock mx (333 5/26 Dillon NC)   |                    |
| 17780 0225  | <u>VOA</u> , SS, tx abt exporting bananas from <u>Honduras</u> (433 5/26 Dillon NC)   | Unruh HI)          |
| 21485 1648  | <u>VOA</u> , EE, "Nightline Africa", began to fade 1728 (343 5/5)   |                    |
| 21525 2220  | <u>WYFR</u> , EE, "Unshackled" (343 5/24 Soomre CA)   |                    |

Well, that's it, sans the illegals. Hopefully, we can get caught up next month. Last weekend, I was up in Boston for a few days, along with my aunt and mother. We went up mainly to see the JFK Library (they did that is. I went to log me some AM stations...I got 36 new MW stations to raise my total to 326 MW stations...and to just get away from grass mowing for a few days. I must say, Boston traffic is certainly the worst I've ever driven in, even worse than in Washington, believe it or not. Well, I want to go to bed now, because I've got to go into work at 11:30 AM tomorrow (I usually don't get out of bed until 10 AM) so so-long, and see you in 30!



EDITOR:

DANIEL SAMPSON  
Rt #1 Box 36  
Black River Falls, WI 54615

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

Occasionally I receive a USSR logging that should have been sent to the Asia/Oceania or Western Hemisphere columns so below is a guide to help you out as to where to send those USSR logs.

The USSR High Frequency Broadcast Newsletter (UHN) is a must for getting the exact transmitter site of Radio Moscow transmitters. A subscription of \$3 in North America or \$4 overseas for 8 issues can be sought from Roger Legge, Box 232, McLean, VA 22101. The latest edition of the UHN appeared in the April 1984 Station Skeds column, page 16.

The Soviet Republics that are covered in the Europe column are the Russian SFSR (West of the Ural Mountains), Ukrainian SSR, Byelorussian SSR, Moldavian SSR, Lithuanian SSR, Latvian SSR & Estonian SSR. The Soviet Republics that should be reported to the Asia/Oceania column are Russian SFSR (East of the Ural Mountains), Uzbek SSR, Kazakh SSR, Azerbaijan SSR, Georgian SSR, Tadzhik SSR, Kirghiz SSR, Armenian SSR & Turkmen SSR.

Next is a guide as to which column the various Radio Moscow transmitter sites should be reported:

Europe

Nikolayev, Ukrainian SSR  
Simferopol, Ukrainian SSR  
Plovdiv, Bulgaria  
Lvov, Ukrainian SSR  
Kiev, Ukrainian SSR  
Sofia, Bulgaria  
Krasnodar, Russian SFSR (European)  
Moscow, Russian SFSR (European)  
Armavir, Russian SFSR (European)  
Ulyanovsk, Russian SFSR (European)

Western Hemisphere

Havana, Cuba

Asia/Oceania

Krasnoyarsk, Russian SFSR (Asian)  
Kenga, Russian SFSR (Asian)  
Khabarovsk, Russian SFSR (Asian)  
Petropavlovsk, Russian SFSR (Asian)  
Vladivostok, Russian SFSR (Asian)  
Komsomolsk, Turkmen SSR  
Yerevan, Armenian SSR  
Dushanbe, Tadzhik SSR  
Alma Ata, Kazakh SSR  
Irkutsk, Russian SFSR (Asian)  
Tashkent, Uzbek SSR  
Chita, Russian SFSR (Asian)  
Novosibirsk, Russian SFSR (Asian)

There is one transmitter site that I don't know the location. Does anyone know where Taldom is?

Where the transmitter site is unknown generally broadcast to Eastern North America will be from European sites and those to Western North America from Asian sites.

Radio Kiev, Radio Vilnius & Radio Rodina broadcast to Eastern North American should be reported to Europe (41, 31 & 25-meterbands) and broadcast to Western North American should be reported to Asia/Oceania (19 & 16-meterband). If your not familiar with the meterbands these would be the following MHz bands: 41mb=7MHz, 31mb=9MHz, 25mb=11MHz, 19mb=15MHz & 16mb=17MHz.

All Radio Yerevan & Radio Tashkent loggings should go to the Asia/Oceania column. All Domestic service logs should go to their respective Republic which can be found in the World Radio TV Handbook.

I hope I have covered it all, if there are any logs that you still don't know where it should be sent, if you get it to me by the 6th of the month I will pass it on to the right column.

ALBANIA

5057 1800 Gjirokaster; Albanian, Tirana ID, nx (433 5/12 Wood-Saudi Arabia)  
6170 \*1800 R. Tirana; Albanian, IS, ID "Ju flet Tirane," said for Albanians abroad,  
nx (444 5/10 Wood-Saudi Arabia)

## ALBANIA continued

7300 0332 R. Tirana; EE instr mx, tlk about unemployment in Albania, 0358\* (454 5/15 Bingham-MA) 0335 EE propaganda (444 5/28 Dillon-NC)  
 7310 2230 RT; Polish IS, nx, to Europe (422 5/13 Prath-FL)  
 9430 2005 RT; PP long tlk by OM, opera, NA @ 2027\* (353 5/19 Thunberg-PA)(Prath-FL)  
 9480 2215 RT; EE anti-Soviet & anti-U.S. political tlk, //7065 (444 5/13 Prath-FL)  
 9500 0630 RT; EE nx about Reagan's trip to Ireland (333 6/3 McKeon-IN)(Prath-FL)  
 9760 0235 RT; EE tourism pgm w/folk mx, ID (323 5/21 Dillon-PA)  
 9785 0220 RT; Albanian tlk about Marxism-Leninism, mx selections, down from 9790 (444 5/21 Dillon-PA)  
 11940 \*2000 RT; AA "Huna Tirana," nx, 2025\* (444 5/16 Wood-Saudi Arabia)

## AUSTRIA

5945 03330 ORF; EE nx, comtry on Austria's neutral status, relations w/Czechoslovakia (bad) & with Hungary (good) (433 6/2 Klosowski-FL) 0153 EE end of mailbag pgm, 0155\* (343 6/4 May-OH)(Blanchette-FL)(Bingham-MA)  
 9580 0200 ORF; GG Austria Journal, mx, Made in Austria, beamed to Cent. Am. (333 6/1 Zilmer-NM)  
 9770 0130 ORF; EE Report from Austria (434 5/21 Bishop-NY) 0135 EE tlk about test for driving license in Austria, YL w/recipe, Austria nx headlines, 0155\* (444 5/13 Bingham-MA)(Dillon-NC)  
 11625 0450 ORF; EE tlk on Bulgarian art show in Vienna, 0500 into GG nx (444 5/16 Wood-Saudi Arabia)  
 11655 0444 ORF; EE Glenn Hauser, Austrian mx, 0455\* to another unid lang (443 5/29 Swinn-CA)  
 15225 2200 ORF; GG nx report, Made in Austria, beamed to E. Sam (333 5/18 Zilmer-NM)  
 15320 1230 ORF; EE nx & tlk on USSR's boycott on the Olympics & how the USSR doesn't use the word boycott in its newspapers (555 5/10 Duguay-MA)  
 17710 1700 ORF; GG ID, nx, //6155 (544 5/6 Wood-Saudi Arabia)  
 17820 1500 ORF; EE Asian svce, nx, Report from Austria, QRM from DW (433 5/22 Shreedhar-India)

## BELGIUM

9620 0420 BRT; Dutch IS, 0430 into ID, nx, //1985, moved from 9610 (earlier 9615), and a poor choice as jammed (422 5/13 Wood-Saudi Arabia)  
 9925 0027 BRT; EE ID by OM @ 0030, Brussels Calling (333 5/20 Gray-MI) 0030 EE Music Box (454 5/28 Blanchette-FL)(Bingham-MA)(Dillon-PA)(Robinson-TN)  
 9930 0000 BRT; EE ID, times & freqs, mx (444 5/12 Langlois-GA)  
 11620 0045 BRT; EE Music Box, DX Panorama @ 0055, //9925 (433) (232 5/14 Hevern-NY) 0030 EE story on Belgian peace group that withholds amount of taxes proportionate to defense spending (444 5/10 Stiner-NY)(Bingham-MA)  
 11985 0420 BRT; Dutch IS, 0430 ID, nx (544 5/9 Wood-Saudi Arabia)  
 17610 1410 BRT; EE YL & OM narrate history of Edward Gierex & Flemish miners (333 5/21 Sable-NY)(Klosowski-FL)(Bingham-MA)  
 17675 0515 RTBF; FF drum IS, into FF ID, nx (444 5/17 Wood-Saudi Arabia)  
 21460 1725 RTBF; FF YL w/jazz (434 5/27 Newlon-NM)  
 21810 1415 BRT; EE Brussels Calling (544 5/22 Shreedhar-India)

## BULGARIA

9700 2247 R. Sofia; EE tlk about weapons in outer space, tlk about 17th Anniversary of Womens Organization in Bulgaria (333 5/25 Bingham-MA)  
 11750 0250 R. Moscow (Plovdiv); EE mx, comtry on U.S. foreign policy, ID, end of NAM svce transmission @ 0300 (333 5/26 Dillon-NC)  
 \*0400 R. Sofia; EE anmt of freqs & b/c times, nx, Bulgarian mx, discussion on U.S. & Soviet Union, Music from Bulgaria, f/out @ 0445 (333 5/18 Neuverth-CO)(Swinn-CA)(Bingham-MA)(Gray-MI)  
 11870 2320 RS; EE DX Pgm, ID, clobbered by 11875 @ 2340 (311 5/20 Gray-MI)(Prath-FL)

## CZECHOSLOVAKIA

5930 0110 R. Prague; EE mx, Sunday Magazine of the Air, letter read & question answered, mx (444 5/27 Macrie-NJ)(Dillon-PA)(Gray-MI)(Bingham-MA)(Robinson  
 7345 0444 RP; EE Libyan & Czechoslovakia diplomats met & discussed anti-imperialist strategy (444 5/7 Stiner-NY)(Gray-MI)(Bingham-MA) /TN)  
 11985 0100 RP; EE North American svce, nx, comtry (444 5/22 Shreedhar-India)  
 11990 0130 RP; EE Nazi massacre in WWII & mx (444 6/6 Barber-NY)(Cooper-CA)(Gray-MI)  
 17705 1817 RP; EE tlk of contest, tlk of many langs spoken (353 5/22 Bingham-MA) (Wood-Saudi Arabia)

## DENMARK

15165 2300 R. Denmark; Danish IS, ID in EE & Danish, into possible rel. svce (343 5/13 Cooper-CA) 1650 Danish 1655\* (232 5/27 Newlon-NM)(Wood-Saudi Arabia)



## FINLAND

15400 1400 R. Finland; EE Finnish politics discussed & Soviet non-participation in the Olympics (444 5/15 Stiner-NY) 1303 EE nx, feature of trumpet mx (232 5/23 Bingham-MA)(Dillon-PA)  
 17800 1400 RF; EE nx, political discussion (333 5/28 Klosowski-FL)(Bingham-MA)  
 17825 0900 RF; Finnish ID "Täällä Suomen Yleisradio," "uutiset"-nx (333 5/17 Wood-SA)  
 17880 \*1200 RF; Finnish IS, ID, uutiset-nx, QRM from Moscow (533 5/8 Wood-S. Arabia)  
 21475 \*1300 RF; EE "Finlandia" mx, into nx to Africa, //15430 to Nam, QRM from R. Pakistan 21475 in AA (533 5/11 Wood-Saudi Arabia)

## FRANCE

3965 0445 RFI; FF OM w/nx or comtry, mx, very wk w/ARO QRM, f/out @ 0451 (121 5/10 Hevern-NY)  
 6060a 0031 RFI; SS ID, "Aqui Paris" followed by nx (444 6/4 Leeman-RI)  
 6140 0110 RFI; SS/FF rock/disco mx, SS nx @ 0127 w/ID, FF ID @ 0130 then nx in FF, target is Latin America (433 5/21 Dillon-PA)  
 7130 0445 RFI; EE nx, newspaper review back to FF by 0454, //9790 (322 5/28 Helner-CO)  
 7135 0345 RFI; EE nx to Africa & Middle East, again 0415, FF @ 0400, //9545, 9550, 9790, 11705, 11995 & 15155 (544 5/9 Wood-Saudi Arabia)  
 9535 0152 RFI; FF ID, OM w/tlk (544 5/29 May-OH)  
 9790 0345 RFI; EE Film Festival's award announcement (444 5/23 Byron-PA) 0316 EE world nx & nx of France, comtry of French military involvement in Indo-China 30 yrs ago, 0330 into FF (333 5/6 Cox-CA)(Dillon-NC)(May-OH)  
 11695 0000 RFI; FF nx, mx (343 5/23 Zilmer-NM)  
 11705 2030 RFI; FF reggae & Afro mx, interview w/musician (433 5/7 Dillon-PA)  
 11790 0456 RFI; Polish, end wiadomości (nx), into FF, // 9715 (544 5/11 Wood-SA)  
 11995 0000 RFI; FF debate on French history & culture (444 5/8 Stiner-NY)  
 15315 1617 RFI; EE PCA, nx, mx, tlk on life in France & its people, book report type pgm (333 5/10 Duguay-MA)  
 17620 1607 RFI; EE wld nx, mx break, African nx, PCA, French nx, Turntable (454 5/22 Bingham-MA)(May-OH)(Gray-MI)(Dillon-PA)(Shreedhar-India)  
 17795 1645 RFI; EE PCA, OM reading African story, comtry & interview on literary congress in Paris, ID & freq info in FF @ 1655 (344 6/1 Preston-CA) (Bingham-MA)(Wood-Saudi Arabia)  
 21515 1720 RFI; FF tlk about election, //21580 (423), QRM unknown co-channel (333 5/27 Newlon-NM)

## FEDERAL REPUBLIC OF GERMANY

3995 0214 DW; GG comtry by OM, ID, mx pgm (553 5/17 Hesch-NY)  
 5960 0457 DW; EE IS, ID, comprehensive freq anmt, nx (433 4/30 Leonard-ME)  
 6005 0050 RIAS; GG seems early for them to be on, songs from Julie Andrews, Judy Garland, late 40s & 50s, all in EE until 0130 YL ancor in GG (333 5/17 Ruckland-OH)  
 6085 0128 DW; EE tlk about local heavy rainstorms (233 5/31 Knapp-WV) 0100 EE German lang lesson (544 6/5 Blanchette-FL)(Macrie-NJ)  
 6145 0100 DW; EE wld nx, Microphone on Europe, German papers (433 5/11 Dillon-PA)  
 9545 2250 DW; PP Latin American mx, wld nx, b/c to Brazil (434 6/6 Duncan-NC)  
 9615 1410 DW; GG nx, tlk, QRM de AIR co-channel up to 1415 (322 5/20 Shreedhar-India)  
 9625 0130 DW; GG tlk by 2 OMs, ID @ 0145 by YL, "Hier ist die Deutsche Welle," rock mx (433 5/30 Dillon-NC)  
 9690 0500 DW; EE int'l nx, Larry Wayne w/feature on German political party convention, female theater star, interview w/US citizen residing in Germany (344 6/1 Preston-CA)(Bingham-MA)  
 9735 0400 DW; GG nx, comtry, current political affairs, //6085 de Antigua (533) (554 6/7 Munster-GA)  
 11705 0549 DW; GG/EE mx, jazz, discussion (333 5/21 Lord-CA)  
 11785 1944 DW; EE Window on the World, Press Review, instr mx, African svce (343 5/8 Bingham-MA)  
 15150 2130 DW; GG comtry on German life (444 5/5 Langlois-GA)  
 15290 0239 RFE/RL; lang interference w/Nederlands (433 6/4 Bishop-NY)  
 17725 1616 RFE; Bulgarian first hrd @ 1557, // 21580 (242) & 15115 (232), hrd the "Tuks Radio Svobodna Europa" ID @ 1616 & 1623 (333 5/26 May-OH)

The log received for 6040 @ 0100 in EE is via Antigua, and that for 9545 @ 0500 is also via Antigua.

## GERMAN DEMOCRATIC REPUBLIC

6070 2305 RFI; SS nx, comtry, political tlk, // 6040 (433 5/17 Prath-FL)  
 9560 0257 RFI; EE mailbag, new books, museums, GDR Cultural Scene (333 5/28 (Dillon-NC)(Cox-CA)  
 9620 0115 RFI; EE ID, nx, comtry on Olympic Games (433 5/22 Langlois-GA)(Dillon-PA) (Deckman-CA)(Bingham-MA)

GERMAN DEMOCRATIC REPUBLIC continued

9730 0042 RBI; EE end of EE pgm, anmt of times & freqs, IS, into GG @ 0045, // 11975 (333 5/17 Prath-FL)  
 11840 0300 RBI; EE Did You Know? pgm about Windmills, glue & bagpipes in GDR, freqs for W. NAM svce as 9560, 11840, 11975, IS @ 0314\* (333 5/26 Waelterman-MO)  
 11975 0042 RBI; EE ID by OM @ 0042, mx, 0045\* (322 5/20 Gray-MI)(Munster-GA)  
 15240 1150 RBI; EE roundup of sports nx, African svce, NOT // with 17700 (343 6/2 Prath-FL)  
 15450 1420 RBI; EE nx by YL, comtry on disarmament (333 6/4 Thunberg-PA)  
 17700 1125 RBI; EE review of nx, into political tlk, SE Asia svce (333 6/2 Prath-FL)  
 21470 1215 RBI; EE nx & topical comtry, QRM de Nederland (432 5/21 Shreedhar-India)

GREECE

9855 0415 V. of Greece; Greek letterbox, ID "Edho Athina" (544 5/6 Wood-S.Arabia)  
 9865M 2300 VOG; SS/EE SS nx, some mx, EE nx on Cyprus affairs, plenty of IDs in GG (444 5/9 Card-RI)(Preston-GA)(May-OH)(Dillon-PA)(Bingham-MA)  
 11645 0131 VOG; EE nx bulletin, EE ended @ 0138 (333 5/28 Deckman)(Addison-KS)(Bingham-MA)(Zilmer-NM)(Neuverth-CO)(Heiner-CO)(Wood-Saudi Arabia)  
 15635 1540 VOG; EE report that Soviets may not participate in '88 Olympics either (353 5/18 Thunberg-PA)(Blanchette-FL)

HUNGARY

6025 \*0100 R. Budapest; EE IS, ID, wld nx, comtry on East-West Security, Report on the I.A.R.N. (222 5/19 Dillon-PA)  
 9520 0212 RB; EE tlk about acid rain, Hungarian airline history, sked, 0229\* (222 5/17 Dillon-PA)  
 9835 0210 RB; EE Comtry on S. Africa, Hungarian Tourism, Guestspot, trumpet IS (444 5/27 Dillon-NC) 0030 Hungarian (433 5/28 Byron-PA)  
 11830 0208 RB; EE Lebanon: President meets with Prime Minister over policy (444 5/16 Stiner-NY)  
 11910 2015 RB; EE DX pgm, ID, questions answered, 2025 into trumpet IS (232 5/11 Dillon-PA)(Prath-FL)  
 17710 1430 RB; EE nx, tlk, LSB QRM de R. Prague (432 (5/22 Shreedhar-India)

IRELAND

6910 0538 R. Dublin Int'l; EE musical ID @ 0601, rock mx, pretty gd signal tonite w/some interference, good mx! (232 5/16 Hevern-NY)(Dillon-PA)

ITALY

9575 \*0100 RAI; EE station ID, nx, song by OM singer, 0119\*, // 11800, mod. QRM (534 (5/4 Neuverth-CO)(Swinn-CA)(Grosvenor-CA)(Macrie-NJ)(Gray-MI)  
 11800 0110 RAI; EE wld nx by YL, Italian opera into FF @ 0120 (333 5/31 Dillon-NC)(Gray-MI)

LUXEMBOURG

6090 2316 R. Luxembourg; EE diet coke ad, telephone call/contest w/listeners, There You Are-Linel Ritchie, ad for airshow, wine, new Rod Stewart release (343 5/18 D'Angelo-PA)(May-OH)(Stiner-NY)(Hevern-NY)(Bingham)  
 15350 2040 RI; FF European nx, ID, ad for Paris restaurant, sports nx w/several reporters (433 5/30 Dillon-NC)

MALTA

6110 2317 R. Mediterranean; EE Eddie Rabbitt-I Love A Rainy Night, nx headlines, s/off anmts by YL w/ mx in background, orchestral mx @ 2327, some sort of fanfare for one minute (333 5/13 D'Angelo-PA)  
 9565 0110 DW relay; EE Letter from Berlin, historical mx, 0150\* (434 5/28 Dillon-NC)  
 9695 0126 DW relay; EE Science Magazine, Cancer Treatments, // 6085 (322 5/22 Gray-MI)

MONACO

6210 \*0343 TWR; GG IS, 0345 ID & freq anmts, rel. choir singing (353 5/19 D'Angelo/  
 9493v 0800 TWR; EE Way of Life bible/scripture pgm (343 5/17 Soomre-MA) 9495v /PA) 0355 RR (544 5/9 Wood-Saudi Arabia)

NETHERLANDS

9895 2328 R. Nederland; SS comtry on Pres. Reagan/USA/Nicaragua situation, QRM from 9890 (444 5/11 Hardester-NC)(Waelterman-MO)(Szabo-KS)(Gray-MI)  
 11730 2032 RN; EE nx, tlk about Agent Orange lawsuit in USA, current affairs, tlk about economy in developing countries, Monday Report (323 5/7 Bingham-MA)  
 The log received for 9715 @ 2044 is from Madagascar. The reports for 6165 @ 0230, 9590 @ 0235 & 0250, & 9715 @ 0527 are from the Neth. Antilles.

NORWAY  
9610 0110 RNI; Norwegian nx, EE ID @ 0120 "This is RNI" (333 5/30 Dillon-NC)  
(Zilmer-NM)(Wood-Saudi Arabia)  
9645 0403 RNI; EE Norway Today, nx, comtry on climate & leisure activities of  
Norwegians, industrial production, 0530 into Norw. (444 5/6 Cox-CA)  
(Deckman-CA)(Wood-Saudi Arabia)  
15175 1300 RNI; EE Norway Today, nx & views (322 5/27 Zilmer-NM)  
15180 2210 RNI; lang tlks, mentions of 1930s & 40s, EE ID @ 2244, QRM via pulsar  
on 15177 (422 5/11 Hardester-NC)  
15205 2315 RNI; Norwegian newsmagazine, ID in EE/Norwegian @ 2322 (444 5/13  
Cooper-CA)(Witter-CA)  
15225 1700 RNI; Norwegian IS, nx, QRM by BBC Far East relay, // 15175 (544 5/10  
Wood-Saudi Arabia)  
17740 1755 RNI; Norwegian IS, nx, QRM VOA in PP (533 5/10 Wood-Saudi Arabia)  
17830 0600 RNI; Norwegian/EE EE anmt requesting reports to Oslo for test b/c:  
1000 on 21735 to Australia & 1600 on 25615 to Medit., Africa, this //  
15165, QRM Dubai (544 5/18 Wood-Saudi Arabia)  
25615 1055 RNI; Norwegian IS, EE ID, nx (455 5/9 Wood-Saudi Arabia)

POLAND  
6095M 0200 R. Polonia; EE NAM svce, nx on Poland, mx, usual propaganda (433 5/12  
Card-RI)(Dillon-NC)  
7125 2245 RP; EE tlk about Artists, folk mx, // 7270, 6135 both w/gd signals (433  
5/13 Prath-FL)(Card-RI)  
7145 0200 RP; EE ID, freqs, nx, look at Polish papers, mailbag, mx, Polish under-  
ground in WWII, review of book Dying We Live (322 5/12 Dillon-PA)(Prath)  
15120 0330 RP; EE request show, Polish opera, history of Wroclaw region in 1943,  
0355\* (323 5/28 Sable-NY)(Gray-MI)(Wood-Saudi Arabia)

PORTUGAL  
5865 0245 R. Portugal; PP/EE pop mx, chimes @ 0400, NA, EE ID, nx, signal sometimes  
distorted so presume transmitter problem (fr 5/12 Parks-FL)  
6060 0300 RP; EE NA, ID, Portugal mx, sked, summary of the past weeks news, mx,  
0330\* (444 5/27 Dillon-NC)(Gray-MI)(Bingham-MA)  
6075 0535 RP; EE target areas, freqs & times, tlk about what PP people might do  
on Sundays, tourism pgm, inst'l mx, 0600\* (454 5/7 Bingham-MA)  
9575 0535 RP; EE nx, Prime Minister will resign if gov't is restructured (433  
6/1 Gray-MI)  
11925 \*0300 RP; EE nx, Portuguese Civil War history (333 5/24 Deckman-CA)(Neuverth-CO)  
15250 \*1800 RP; EE IS, chimes, NA, nx (433 5/4 Wood-Saudi Arabia)  
17880 1200 RP; PP ID, nx, QRM via Moscow (533 5/10 Wood-Saudi Arabia)  
21490 1545 RP; PP ID, fado (folk) mx (544 5/9 Wood-Saudi Arabia)  
21685 1601 RP; EE nx, tlk about relations between Portugal & China (252 5/8 Bingham-  
/MA)

ROMANIA  
9550 0200 R. Bucharest; EE freqs & bands, nx bulletin, comtry, Sunday Studio,  
Letterbox (252 5/28 Bingham-MA)  
9570 0400 RE; EE NAM svce, IS, ID, nx, 7-Day Panorama, tlk about Romania, mx (333  
5/28 Dillon-NC)  
9750 2117 RE; EE ID, long statistical/production tlk (242 5/14 D'Angelo-PA)  
11840 \*0530 RE; EE nx, // 17790 (533 5/17 Wood-Saudi Arabia)  
11940 0404 RE; EE nx, ID, Weekly News Review (333 6/3 Gray-MI)  
15250 1300 RE; EE wld nx, comtry on arms race, mx, IS, 1329\* (242 5/18 Dillon-PA)  
15335 1503 RE; EE wld nx, tlk, to SE Asia, mixing w/QRM & QRM (pr 6/5 Famularo-NJ)  
17850 \*1500 RE; EE to Asia, nx, QRM via RFI (533 5/8 Wood-Saudi Arabia)

SPAIN  
9360 0415 REE; SS Spanish Prime Minister visits several European countries-France,  
Denmark & Finland (444 5/7 Grosvenor-CA)(May-OH)  
9630 0030 REE; EE IDs, nx, orch mx, vocals, tlk on Spain (454 6/1 Thompson-NM)  
(Preston-CA)(Cox-CA)(Swinn-CA)(Bishop-NY)(Bingham-MA)  
11690 2015 REE; EE Mano mx, Spanish lessons, 2030\*, RTTY QRM (433 5/7 Dillon-PA)  
11705 0330 REE; SS DX pgm, list station sked (544 5/6 Wood-Saudi Arabia)  
11840 1933 REE; EE nx, fighting in streets of Beirut, mx, pgm on tourism, tlk about  
visiting wine cellars, Panorama (454 5/21 Bingham-MA)  
11880 2035 REE; EE Press Review, weather in Spain (444 6/6 Barber-NY)(Addison-KS)  
15125 2235 REE; SS announcer & tlk of life, springtime, love, etc., chorus (444 5/12  
Grosvenor-CA)  
15350 1816 REE; EE tlk about listeners picking mx, SS course by radio, 1830\* (252  
5/29 Bingham-MA)  
15375 1930 REE; EE nx of Helmut Schmidts visit to Spain, SS mx, // 11690 (343 5/18  
Thunberg-PA)  
17650 1000 REE; SS IS, time pips (344 5/27 May-OH)(Dillon-PA)

# SWEDEN

9695 0235 RSI; EE Sweden thinks it will have a better chance of getting medals at the Olympics w/out some European countries participating (444 5/16 Stiner-NY)(Dillon-PA)(Gray-MI)

11705 0250 RSI; EE tlk on stamp collecting-history of some valuable stamps (433 5/7 Grosvenor-CA)(Dillon-NC)(Gray-MI)

15240 1800 RSI; FF to Africa, spec pgm not produced by RSI but by RFI, Rdiff. Nat. Tchadienne & African League of Red Cross Societies; messages to Chad, interviews, sound of wailing children, bombs falling (544 5/6 Wood-SA)

17840.3 0220 RSI; Swedish nx, IS & IDs @ 0230 into EE (343 5/27 Soomre-MA)(Jones-TX)

21690 1230 RSI; EE Weekday, nx, Sweden Calling DXers, //17840 (533 5/5 Wood-SA)

# SWITZERLAND

9725 0143 SRI; EE IS, IDs, freqs, TC, Dateline nx, comtry on South Africa, tlk on cruise missiles, accordion mx (454 6/1 Thompson-NM)(Langlois-GA)

9885 0143 SRI; EE IS followed by YL opening NAM svce @ 0145, nx (555 5/25 Brewer-AR)(Harada-CA)(Zilmer-NM)(Dillon-PA)(Grosvenor-CA)

11715 0200 SRI; EE meeting of int'l delegation on banning chemical weapons (444 5/5 Stiner-NY)

12035 0210 SRI; EE Dateline nx, mx, new freq for J84 period to NAM (444 5/12 Berri-CA)(Duncan-NC)(Prath-FL)(Hevern-NY)(May-OH)

17765 \*1315 SRI; EE Dateline Monday, feature on Int'l Red Cross, // 15570, 17785, 17830 (444 5/7 Thunberg-PA)

17830 1534 SRI; EE wld nx, ID, Swiss SW Merry-Go-Round (233 5/26 May-OH)

21520 0900 SRI; EE nx, Weekend Report (544 5/19 Shreedhar-India)

# UNION OF SOVIET SOCIALIST REPUBLICS (European Section)

## Russian SFSR (European Section)

9765 0300 R. Moscow; EE wld nx, Chernenko meeting w/PP Communist Leader, King Juan Carlos's visit (433 5/12 Dillon-PA) Site Krasnodar.

## Ukrainian SSR

9610 0030 RM; EE pgm about spacemen (433 5/5 Macrie-NJ) Site Lvov.

## Unknown Sites (thanks to the quarterly sked changes we have only two known sites in USSR)

4755 0300 unid; RR ID by OM into class piano mx, anmt @ 0314 (433 5/11 Getzel-NY)

5910 2350 Mayak; RR EZL mx till 2359, Mayak IS @ 0000\* (322 5/13 Prath-FL)

7135 0000 Mayak; RR IS, ID, nx, BBC QRM (222 5/17 Prath-FL)

9530 0200 R. Moscow; EE wld nx, ID, Pravda article on Nicaragua, tlk on Cuba, Science & Engineering (444 5/18 Dillon-PA)

9685 0025 RM; EE comtry on US/USSR relations & Olympics, western writers who are read in the USSR (343 5/22 Dillon-PA)

9800 \*2329 R. Kiev; EE nx, The Young Generation, Way of Life of young people in Ukraine (454 5/31 Bingham-MA)(Dillon-PA)

0030 Mayak; RR IS, ID, nx, political tlk, mx (544 5/17 Prath-FL)

11620 2210 R. Moscow; EE usual wld svce pgming, however they've managed to sked both RM & R. Vilnius on this freq at this time creating a mess of QRM (pr 5/13 Parks-FL)

11720 0100 R. Rodina; RR IS, "Govorit, Radiostanzia Rodina," nx (544 5/17 Prath-FL)

2358 R. Kiev; EE/RR just caught last of EE pgm w/ID @ 0000 into RR w/mx, tlk, etc. (343 5/13 Hull-WA)(Langlois-GA)(Bingham-MA)

11770 0214 RK; EE comtry, The Young Generation, tlk about teen deputy-police, nx in brief (454 6/1 Bingham-MA)

11790 2208 R. Vilnius; EE tlk about how so many Lithuanians joined the army for life & freedom, tlk about peace movement in Lith., folk mx, 2229\* (454 5/7 Bingham-MA)

11845 1230 R. Moscow; EE nx, mx then tlk pgm of life in USSR & how great it is (555 5/16 Duguay-MA)

11960 \*2159 R. Vilnius; EE march mx, Newsdesk, Lithuanian nx, Letterbox (444 5/31 Bingham-MA)

11990 \*1200 Mayak; RR IS, ID, nx by YL (333 5/12 Prath-FL)

12070 0000 RSPAP; SS IS, ID, TC, nx about Central America (434 5/19 Berri-CA)

15100 1300 R. Moscow; EE tlk on why USSR will not be in the Olympics & how Americans what to do their Olympic team in (555 5/11 Duguay-MA)(Newlon-NM)(Dillon-PA)

15475 1838 RM; EE musical interlude followed by Mailbag (344 4/30 Leonard-MR)

15485 1200 RM; EE tlk on care & cleaning of USSR's drinking water & how much cleaner it is than other nations (444 5/11 Duguay-MA)

15520 0225 RM; SS ID, nx, target stated as Latin America (333 5/30 Dillon-NC)

17710 1455 RHC relay; IS, 1500 AA, nx, poor modulation (544 5/8 Wood-Saudi Arabia)

17735 \*1400 Mayak; RR IS, ID, nx (332 5/12 Prath-FL)

17835 0000 R. Moscow; EE Kremlin chimes, nx, comtry (443 5/16 Prath-FL)

## UNITED KINGDOM

5975 0503 BBC; EE wld nx, 24 Hours (433 4/30 Leonard-ME)(Gray-MI)  
 6110 2215 BBC; PP OM ancr, musical fanfare at 2230, QRM from Budapest in SS (433 5/18 Ruckman-OH)  
 7325 0230 BBC; EE People & Politics explaining the job of an M.P., discussion of EEC & the Labor Party (544 2/6 Klosowski-FL)(Dillon-PA)(Gray-MI)  
 9410 0538 BBC; EE rock mx (344 5/28 May-OH)  
 9915 0135 BBC; EE ID, comtry, nx (333 5/16 Addison-KS)(Gray-MI)(Dillon-PA)  
 11835 0140 BBC; EE ID, Concert Hall (444 5/13 Addison-KS)  
 11910 2300 BBC; EE Wld nx, comtry on US interest rates (444 5/9 Dillon-PA)  
 15070 1500 BBC; EE Radio Newsreel, most of the BBC outlets have been jammed, why? (433 5/22 Shreedhar-India)(May-OH)(Langlois-GA)(Dillon-PA)(Heiner-CO)  
 15215 1200 BBC; EE Wld Nx, Nature Notebook, tlks on birds of North & South Am. (444 5/16 Duguay-MA)  
 17740 1525 BBC; EE discussion about influence of Libya's Khadafi ending @ 1530, into unid lang, Sound of Big Ben, mention of BBC London (454 5/6 Brewer-AR)  
 17870 1731 BBC; EE tlk about art show, interview w/artist (353 5/23 Bingham-MA)  
 21640 1500 BBC; EE Radio Newsreel, Focus on Africa (444 5/14 Thompson-CA)  
 21710 1712 BBC; EE review of plays (343 5/27 Newlon-NM)  
 The logs received for 9510 @ 0500-0545 are from Antigua.

## VATICAN CITY

6015 0050 Vatican R.; EE Turning Point w/tlk about nationalization of private schools in Malta (444 5/26 Bradley-MA) 0058 EE prayers by Pope for sick, old, & newlyweds, recap by ancr, into church bells @ 0113, ID @ 0103 (232 5/31 Knapp-WV)(Barber-NY)(Gray-MI)(Macrie-NJ)(Dillon-NC)(Bingham-MA)  
 6250v 0514 VR; EE tlk/interview about abortion, ID, light mx, IS @ 0519:30 into II (333 6/2 D'Angelo-PA) 6253 1345 EE (544 5/5 Wood-Saudi Arabia)  
 9605 0058 VR; EE tlk of the Pope's recent visit to the Far East, ID, IS (333 5/30 Dillon-NC)(Bingham-MA)(Macrie-NJ)  
 9615 0330 VR; EE report on Pope in Korea (544 5/6 Wood-Saudi Arabia)  
 9645 0505 VR; EE priests & laymen discussing morality & legality of abortion & euthanasia, ID, IS (233 6/2 Preston-CA)  
 11845 0100 VR; EE tlk about Holy Fathers trip, Pope spoke of peace on TWR, tlk about Bulgarian attempt on Popes life (444 5/13 Bingham-MA)  
 21725 1300 VR; PP fanfare, nx to Brazil, // 17865 (544 5/6 Wood-Saudi Arabia)

YUGOSLOVIA dated log but it's the only one received for this country, this month.

9620 1600 R. Yugoslavia; sad IS, into FF nx, ID (444 4/25 Wood-Saudi Arabia)

## EUROPEAN WBI NEWS

FRANCE A Telediffusion de France frequency schedule for Radio France International's transmissions for the period starting 6th May shows that two transmitters are currently in use at the Montsinery relay base in French Guiana. They operate on 15435 & 15180 kHz from 2200-0400. (5/17)

PORTUGAL Recent observations of Portuguese services transmitted by the international service of Radiodifusao Portuguesa (RDP) show that some rationalization has taken place. The separate but often simultaneous services to Europe & Africa have been combined since 15th May. RDP now broadcasts in Portuguese to Africa & Europe as follows:

|                           |  |  |
|---------------------------|--|--|
| 0500-0700 (not Sat & Sun) | Europe                                 | 9740, 6130                                     |
| 0800-1100 (Sat & Sun)     | Europe                                 | 15125, 11800, 9740                             |
| 1100-1300 (daily)         | Europe & Africa                        | 21700, 17880, 15125, 11800, 9740               |
| 1300-1400 (Sat & Sun)     | Europe                                 | 15125, 11800, 9740 (to 1300), 9605 (from 1330) |
| 1400-1800 (Sat & Sun)     | Europe & Africa<br>(Also the Americas) | 21700, 15285, 15125, 11800, 9605               |
| 1800-1900 (daily)         | Europe & (Sun) Africa                  | 21700 (Sun), 15250 (Sun), 15125, 11800, 9605   |
| 1900-2000 (daily)         | Europe & Africa                        | 21700, 15250, 15125, 11800, 9605               |
| 2000-2100 (daily)         | Africa                                 | 21700, 15250                                   |

On 21st May, RDP told its overseas listeners that its programs were now being broadcast live from Lisbon. One of the purposes of the change in the RDP international service had been to make possible a more direct dialogue and better communication via RDP between Lisbon & compatriots throughout the world. By broadcasting live, RDP was ready & available to establish contacts with its listeners.

73's & Good Listening, Daniel





SHORT WAVE

AFRICA

MARK KOUKOL, 109 Pennsylvania #8, Loves Park, IL 61111

Let me start out with an apology to all of you for missing the June column; a chain of work-related and personal events intervened at the worst time, leaving me with not enough hours to finish for the first time. I did forward the best of your logs to Bob Bodell for appearance in the SPEEDXGRAM, so I hope that this information wasn't lost to at least some of you. Everyone who contributed to the missing June column did receive full credit for it with John Trautschold. So, on into July. Conditions have certainly taken a turn for the worse here, as I suspect in most of your QTH's. Just remember that the golden rule of DXing is persistence! You never know when Comoros or Burundi may pop up over the QRN...

\*\*\*\*\*

ALGERIA

17745 \*2000 R. Algiers; EE, OM w/ID & sked, into nx on Iraq ship attack, 444(6/3 Coleman-MA) @2020 w/US pop mx incl. "Baby Jane", VOA QRM from 17740 at end of pgm, 545(6/2 Bishop-NY) into SS @2030, 323(5/30 Dillon-NC) 232(6/4 May-OH)

ANGOLA

4950 0451 R. Nacional; pres. PP w/drum session, crowd yelling, into long tx by OM, low level audio, 433 but hard copy at times (5/21 Lowe-NC)  
5295nf 0058 R. Nacional; PP, mostly US pops w/OM DJ, noted "aqui Luan-da" ID @0100, nx by YL, on the move of late, gd(5/31 Parks)  
9535 2330 R. Nacional; PP, EE & PP pop songs, ID after song @2341, 343(5/23 Golab-IL)  
19070h 2145 R. Nacional; noted here 2X 9535 several dates late May-early June w/pop mx pgm & YL(sometimes OM) in EE, nothing on 9535, fr(Koukol-IL)

ASCENSION IS.

11750 2000 BBC Relay; EE, lcl ID, s/on, ann. this freq to SAM & // 6005 and new 6035 to Africa, into nx, 544(5/10 Wood-SAR)  
15105 1905 BBC Relay; EE by Radio pgm in FF, how to say "Do you take traveler's checks?", 343(6/3 Newlon-NM)  
15400 1600 BBC Relay; EE OM w/wrld nx, cmtry, "Focus", 433(5/16 Thompson-CA)

BENIN

4870 2231 ORTB; FF, hi-life mx & OM tx, fr(5/14 Sharp-FL)

BOTSWANA

3356 0345 R. Botswana; IS, audible through breaks in UT QRM, //7295 which had jamming QRM, into prayer 0400(5/13 Sharp-FL)

BURUNDI

3300 \*0300 LV de la Revolution; NA, ID in lang/FF by OM, chorale section, nx in lang, QRM de UT open carrier, fr(5/31 Parks-FL) inst. anthem for IS, then low-modulated OM w/s/on ann & ID, into easy vocals, 0305 more chatter in Kirundi & into Afro vocals, 0314 long tlk, noisy by 0330, 232(5/19 D'Angelo-PA) Excellent, gentlemen!-MK

CAMEROON

4795 \*0455 R. Douala; EE/FF, IS & bi-ling. IDs "This is Douala..the.. provincial stn of Radio Cameroon..", gave freq(MW/SW &

to qualify for QSLs. The first complaint is that the average QSO is of the duration measured in seconds vs. an hour's listening to a SW station. When one considers that over 10,000 QSOs are produced by a DX operation of a limited time of a few days, the SWL QSO rule is simply unrealistic. An exercise in arithmetic would prove it would take at least 10,000 hours or over a year to accomplish the job. This based on the assumption of continuous operation and ideal round-the-clock propagation existing. Who or what organization or individual has the capacity in time and finances to conduct such an undertaking under SWL QSL rules? The difference of QSL rules has got to be obvious.

How many ham operators do you know that have a QSL for a QSO with China? Albania? Have you forgotten that for over 30 years China has forbidden ham radio until recently? Albania is another of the same category. Yet as an SWL, one only has to spin the dial of his receiver to a given frequency and BINGO: you have Radio Peiping with no sweat. The same with Albania, etc. Yet, you complain that there is an hours effort of listening, making out reports, etc. It should be obvious that QSLs for those places should be a dime-a-dozen in the ranks of SWLs in spite of their efforts to obtain them.

There is the complaint of time and monotony in the effort to obtain a QSL card. Mr. Phillips overlooks the fact that ham radio operators do not have lists of fixed times and frequencies on hand to look up and work their desired countries as if by a time table. What about the monotony involved when scanning the bands for hours if not days in quest for that elusive DX? Not to be overlooked is the probability of others involved in the same game ready to beat you to the draw. This activity is pursued with the knowledge that the DX in question has random activity and random frequencies of operation. Also, the probability of no DX becomes an accepted risk in the game. Thus, SWLs are not the only ones with their problems of monotony.

The so called carefree operator does not always get to work dozens of countries with time out for typing on the feed bag for the given time it takes to satisfy the requirement for one SWL QSL. What is overlooked is the old reciprocity theorem: if you can't hear them; you can't work them. Propagation is a big factor with the time differences of locations to be considered as well. Dozens of countries? Hell no! Dozens from the same country would be nearer the truth when one considers the populations of ham operators in West European countries being very numerous. The exception to the rule possibly being an ARRL or CQ DX Contest with ideal propagation conditions. Otherwise that dozens of countries claim is invalid.

When it comes to the complaint of costs of QSLs, IRCs, etc. I always like to relate to the story of how J.P. Morgan was asked what it costs to operate his yacht. His answer to the effect being that if you got to worry about the cost, you cannot afford to own a yacht. Perhaps the same could apply to SWLing and ham radio when one complains of QSL card costs.

Another misleading statement is that one goes to the store and purchases the equipment for that big signal. Mr. Phillips, have you forgotten those police powers exercised by municipalities known as zoning laws that limit one's desire to put up the antenna to go with that big signal? There are relatively few with the large real estate for those big antenna systems. With this country in a severe recession, it is very doubtful there are many hams able to buy such equipment when one considers the sale of cars and houses being at an all-time-low in these times.

Regarding the "Bad Apple" syndrome by Mr. Phillips empirical observation on the PYO undertaking, he mentions how they were listening 14200 up while transmitting on 14195; but, he omits the fact they stated that they were listening all the way up to 14300; hence, 100 kHz of the band taken up for listening to replies. Such an excessive use of frequencies only result in Russian roulette and/or frustration as the consequence of poor control. No wonder there were so many who showed their frustrations by the name calling, profanity, and QRM on their frequency. Yes, Mr. Phillips, I was there to hear it all for myself. Considering their poor control of the situation, I could not blame them. With 30 years experience in chasing EX as qualification, I would rate them among the poorest operators in all my time.

As further proof of my claim, I did conduct an experiment by calling them about 100 kHz up from the bottom edge as directed for 45 minutes with no response. I did check for a clear frequency periodically. Now, can you really claim that they were listening up that far in spite of their giving directions to that effect? For one who is knowledgeable of mathematical statistics and probability, I claim a grade school kid can easily form his hypothesis on that issue. Need I say more?

Regarding your respect for the QRP operator who has to work his way through the "Big Guns" by using his operating skills to the maximum, I will inform you that calling from the high end is an old trick that is utilized by them. Time after time I have used it with one or two calls to get a QSO by the result of a smart operator at the other end. By this classic maneuver, the QRP operator works his way around, not through the "Big Guns"! However, the PYO operators were not that intelligent according to the results of my experiment; hence, it was a rare exception that this classic maneuver failed.

WRTH unlisted FM), into NA, gd(5/13 Sheedy-CA) @0520 w/ drums, YL ancr IDs, EE nx @0530, fr & hvy QRN(5/31 Witte-CA) 434(5/21 Lowe-AR)

5010 0423 R. Garoua; IS consisting of drum beats & chanting, EE/FF ID & poss. AA as well, NA @0430, 222(5/18 Cooper-CA) @0520 w/ OM tx in FF then vern., "R. Garoua" ID, into nat. mx, bad QRN & pr signal(5/15 Hevern-NY)

9745 2110 R. Yaounde; EE, nx by OM, ID 2115 & into FF, weak 322(6/5 Gray-MI) @2105 w/EE nx by OM, hvy Afr emphasis, 2112 "Now to end the nx, once agn the main items", ID then hi-life mx & FF tlk, 2+42+(5/14 D'Angelo-PA)

# CENTRAL AFRICAN REP.

5035 2243 R. Centrafrique; FF, EZL mx w/M\*A\*S\*H theme repeated twice, OM ID, NA 2300\*, fr(5/30 Famularo-NJ)

# CHAD

4904-5 0458 Rdf. Nationale; good level w/children's chorus to 0500 s/on & into tlk by OM, local mx(excellent!), brief extended tlk 0515-0522, QSB increasing by 0530, 453(5/29 Hardester-NC) (5/21 Thunberg-PA)(5/16 Hevern-NY)

# CONGO

15190 2249 LV de la Revolution; FF, Afr hi-life mx, 2255 OM ID "Ici LV de la Rev. Congolaise, Brazzaville", freq & s/off ann, spch by pol. leader & NA 2259\*, 353(5/29 D'Angelo-PA)

# DJIBOUTI

4780 0340 R. Djibouti; OM in pres. Somali w/lcl vocals & Koran, fr (5/20 Sharp-FL)

# EGYPT

9475 0215 R. Cairo; EE, nx by OM on ME peace & human rights, rough copy, 312(5/24 Gray-MI) @0315 EE w/listener's ltrs, into mx @0316, 333(5/31 Knapp-WV)(Stephenson-CA) @2040 in AA, mx w/OM DJ, ID 2058, relay of general AA px, 343(5/24 Dillon)

9805 2125 R. Cairo; EE, class. mx, tlk on natural gas development, ID @2130, nx by YL, 333(5/24 Dillon-NC) 322(6/1 Gray-MI)

11715 0145 R. Cairo; SS, AA mx w/tlk by YL, ID, nx summary by OM, 323 (5/27 Dillon-NC)

17675 1236 R. Cairo; EE, "This nx is coming to you from the Asian svc of R. Cairo", nx on India riots, 444(5/26 Getzel-NY)

# EQUATORIAL GUINEA

7998 1950 R. Bata; SS "Int. Radio Svc", some EE relig px, weak & not hrd since this date(5/19 Sharp-FL) Anyone still hearing this?-MX

# GABON

4810 0516 Africa #1; FF, YL ancr w/fast beat Afr & EE pop & rock mx, booming signal, 444(5/16 Hevern-NY)

11940 1845 Africa #1; FF, OM ancr, lcl mx, nx @1900, ID's by OM & vocal group(like a US top 40 stn!), 444(5/28 Coleman-MA) @2025 w/reggae & Afro tunes, IDs by YL, rock mx @2053, 444 (5/11 Dillon-PA) 545(5/14 Murphy-MI)

15315 0355 R. Japan Relay; IS, IDs in EE/JJ, muddy audio like overseas phone line, \*0400 "Goorit Tokyo", 444(5/13 Cooper-CA)

21575 0605 R. Japan Relay; JJ, ment. of resuming the relay from Gabon, weak but might be OK in Europe, 252(5/13 Miyauchi-JP) in EE @0730, 544(5/20 Shreedhar-India)

21695 1538 RJ Relay; EE/JJ, annmt of line trouble every 5 min., mx in btwn, 242(5/28 Soomre-MA) @1546 in EE/JJ, JJ volleyball team go for the gold! JJ from 1600, 252(5/16 Miyauchi-JP) @1650 in JJ tlk but relay quality so poor it was unintelligible, s/off 1700, 544(5/12 Wood-SAR)

# GHANA

4915 0603 GBC; EE, nx read by OM, into unid. lang @0615, 353(5/30 Muzyka-NY) @0540 w/OM vern. tlk & chant mx to 0559 IS, YL w/EE nx 0600-0613, ID 0607, QRN, 242(5/10 Hevern-NY)

# GUINEA

15308 0910 LV de la Revolution; FF, ments. of Conakry, brief nx, xylo mx, fr(5/18 Sharp-FL)

IVORY COAST  
7215 0600 RTVI; FF, s/on, NA, ID w/freqs, quick nx, into Afr pops, ads, 333(5/26 Schmautz-NY)

KENYA  
4800 0415 VOK; brief vern. tlks, mixing w/Lesotho, since 6/3 only Lesotho noted here(6/1 Sharp-FL)  
4950 0500 VOK; vern., hi-life mx, fast drums, long shouts & ann, IDs @0515, relig. tlk, "Amen", mx, gd-fr(5/31 Witte-CA)

LESOTHO  
4800 0433 R. Lesotho; pres. Sesotho w/2 OMs having conversation-like tx, maybe nx & cmtry, fairly strong but big het from LA, 323(5/21 Lowe-AR)

LIBERIA  
15600 1620 VOA Relay; EE, tlk on pol. race //15445 Philippines, 232 (5/27 Newlon-NM)

LIBYA  
3200 0040 SPLAJBC; V. of Arab Homeland pgm, AA, Naf mx w/occ. OM ann, gd(5/21 Parks-FL)  
9890 0150 SPLAJBC; AA, tlk of Egypt & Lebanon, AA mx, 434(5/21 Dillon)  
11815 2222 R. Jamahiriyah; EE, YL w/ID @2222, OM DJ w/"We Got the Beat" from Go-Gos, 342(6/3 Newlon-NM) "Probe" pgm @2200, "Continent to Continent" @2208, 434(6/3 May-OH)(Stiner-NY, Murphy-MI)  
15450 1830 R. Jamahiriyah; EE, pgm "1984: An American Enigma", 433(6/1 Gray-MI)  
17930 0052 SPLAJBC; AA, OM tx, crowd w/chants, 0053 AA tx, vy faint, 141(5/18 Hevern-NY)  
17940 1710 SPLAJBC; AA, OM ranting followed by snake-charming mx(hi!), 332(5/27 Newlon-NM)

MADAGASCAR  
21480 1445 RN Relay; EE, bc to SAsia w/nx, "Newsline", 544(5/17 Shreedhar-India)

MALAWI  
3380 0355 MBC; vern./EE, lcl mx w/OM DJ, EE OM ID @0400, severe QRM from CW, unheard next nite, pr(5/30 Parks-FL) @0408 Chichewa/EE, Afr mx & PSA's, nx by YL, ID as "MBC"(6/5 Sharp)

MALI  
4783 0605 RN du Mali; FF, stringed inst. mx, two OMs tx & singing to the mx, hvy QRM, fr(5/12 Witte-CA)  
5599 0649 RN du Mali; FF, OM w/mil. band mx, seemed to give freq as 5995--punch-up error then?(5/21 Sharp-FL)

MAURITANIA  
4845 0600 RNM; lang, 2 OMs tx, YL singer, s/off w/some type of a guitar(time?-MK), 353(??- Keenan-CA)

MOROCCO  
17815 1200 RTVM; AA, fanfare, "al-akhbar"(nx), 544(5/10 Wood-SAr)

MOZAMBIQUE  
3215 0420 R. Mocambique; PP YL w/ID, lcl mx, vy pr(5/31 Sharp-FL)  
4862v 0445 R. Mocambique; PP, lcl mx & discussion, vy pr(5/31 Sharp-FL) @0429 w/PP light mx, orchestral selections, OM ancr, very low audio, 333(5/21 Lowe-NC)  
9631.5 0500 RM Beira; Swahili, lively DJ show w/some PP words, US soul & Afr mx, 0503 ment. "Programa...Beira"--new freq, gd(5/11 Wood-SAr)

NAMIBIA  
3270 0324 R. SWA; Afk, lots of usual EZL mx, //3295 weaker and more static, 353(5/13 D'Angelo-PA) ID @0130, strong but marred by QRM bursts, 433(5/22 Golab-IL)  
3295 0210 R. SWA; Afk/EE/GG, pop mx, Scottish song "You take the high road...", IDs, 232(5/25 Dillon-NC)

NIGER  
5020 \*0530 ORTN; s/on w/NA first then IS, FF OM ancr, into Koran, 242 (5/29 Sharp-FL)

NIGERIA

6050 2300 FRCN Ibadan; EE, nx headlines, ID as "Radio Nigeria", NA? & s/off, 333(5/18 Dillon-PA)  
 7255 0550 VON; EE, lcl nx followed by editorials, ID "This is the WAfr svc of V.O.N.", talking drums, into FF @0559, 444 (5/26 Schmutz-NY) +3  
 15119v 2135 VON; EE, nx, ID "This nx comes to you from the V. of Nigeria, Lagos", 333(5/31 Leeman-RI) +3

SENEGAL

4890 0600 ORTS; FF/vern., Islamic prayer, OM anmt 0630, then hi-life mx, heavy QRN, 3+/2(5/16 Witte-CA) @2320, FF, lcl string mx w/male vocal, clear OM ID 2328, 444(5/16 Dillon-PA)

SEYCHELLES

15200 0405 FEBA; EE, interview w/Nairobi-based evangelist, nx, "FEBA" ID, relig. mx, fr-gd(5/27 Famularo-NJ) 211(6/3 Gray-MI)  
 17875 1055 FEBA; AA, IS, @1100 into relig. pgm //15405, 544(5/17 Wood)

SOMALIA

7120 1715 R. Hargeisa; Som., pol. tlk, ID--contrary to a recent US rpt saying this is back on 11640, is noted consistently on 7120 only;555(5/7 Wood-Sar)

SOUTH AFRICA

4835 0440 SABC; EE, uninterrupted EZL & piano mx to 0500, time tick, local TC, OM wrld & RSA nx, 333(6/2 Preston-CA) bad QRM de Radio Reloj, 222(5/28 Schmutz-NY)  
 4880 0450 SABC; Afr, OM w/wrld nx or cmty, ID 0455, cmty on SWAPO 0456, weak but readable, 242(5/15 Hevern-NY)  
 5980 0200 R. RSA; EE, Afr nx & sked, "Under the Southern Cross", // 9615(444), 323(5/28 Dillon-NC) @0320 EE w/"Letter from SA", 433(6/2 Preston-CA)  
 6020 0155 R. RSA; EE, IS, ID, s/on ann into nx, 444(5/16 Thompson-NM)  
 9615 \*0200 R. RSA; EE s/on w/nx & px, 333-454(5/12-6/4, 5 rpters)  
 25790 1330 R. RSA; EE, pop mx pgm, greetings to Afr listeners, 353(5/30 Thunberg-PA) @1315 EE w/nx, 444(5/20 Shreedhar-India) 353(5/19 Miyauchi-Japan)

SUDAN

5039 0445 R. Omdurman; AA, active again & back on old 5039 after a short period on 6160v, nx, ID, weak, 344(5/11 Wood-Sar)

SWAZILAND

5055 0440 TWR; EE relig. px, can't hear listed //9730, 423(5/21 Lowe-AR) \*0356 IS alt. w/EE IDs, under TIFC until latter s/off at 0358; at 0400 organ mx then s/on ann by OM in GG, into GG relig. pgm, easy copy after 0358, 333(5/6 Cunningham-OH) \*0430 in EE after GG px, severe RTTY QRM, 222(5/9 Hevern-NY) 242(6/2 Preston-CA)

TANZANIA

6005 0550 RT; OM wrld nx in vern. to 0558, celeste IS 0559, NA?, severe QRM de Reloj, 211(5/7 Hevern-NY)  
 OM, how did you ID this as RT? I strongly suspect this is BBC Afr svc which is on 6005 in Hausa from 0545-0600 via Ascension-MK

TOGO

5047 0527 R. Togo; FF, \*0527 w/soft chime IS to NA, 0529 ID as "Ici Lome", relig. hymn & prayer, nx 0535, 333(5/16 Hevern-NY)

TUNISIA

17870 0500 RTVT; AA, new freq in use most of day, noted around 0500-1800, time sig & nx on most hours, often //15225, 444(5/11 Wood-Sar)

UGANDA

5027 0335 R. Uganda; vern/EE, probable nx by OM, car sounds, nx in EE @0402, ID 0420 "This nx comes to you from R. Uganda", 333(5/26 Dillon-NC) 211(5/2 Hevern-NY)  
 6030 0445 R. Uganda; Swahili, tlk & DJ show, many IDs as "R. Uganda", also noted eves 2000-2200 greeting listeners in Nairobi, often overrides BBC AA until latter's s/off 2100, 544(5/11 Wood-Sar)  
 15325 0300 R. Uganda; ext. svc in EE noted, lots of xmtr problems, hrd lately? (5/16 Sharp-FL)



ZAMBIA

4910 0405 ZBS; OM vern/EE tx w/irritating interruption every 5 min.  
by taped EE ann "One Zambia, One Nation" (6/2 Sharp-FL)  
@0425 w/Afr hi-life, short chorus, then EE nx, 3+(5/17  
Witte-CA) \*0345 w/fish eagle IS, EE s/on 0354, 252(5/13  
D'Agelo-PA)

\*\*\*\*\*

CLANDESTINE

4770t 0425 V. of Mozambique Nat. Resistance; Tent. w/EE, weak mod.  
(6/12 Sharp-FL)  
6009 1830 R. Bardai (Libya); speech in Chadian-accented FF, 1900 FF ID,  
into Sara, 433(5/3 Wood-Sar)  
6280 0355 V. of Broad Masses of Eritrea (VBME); interval mx, 0400  
Oromo ID, nx, 7/4410, unjammed, 544(Wood-Sar)  
14390v 1947 VBME; in poss. AA, suspect this(6/12 Sharp-FL)  
15555 1700 R. Vatan (Egypt); Farsi, s/on, march, ID, anti-Khomeini tlk,  
544(5/11 Wood-Sar)  
17940 1550 V. of Sudanese Pop. Rev. (Libya); AA, OM tlk, AA mx, cmt  
on US policy, ID "Saut uth-Thawrat ish-Sha'abiyah as-Sudan-  
iyyah", 243(5/18 Dillon-PA)

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News from BBCMS/WBI

Equatorial Guinea: The "International Radio Service, Rep. of E. Guinea"  
continues to operate on 7998 from 1800-2130, although still announcing  
15110. Xmn is in SS & consists mainly of mx & incl. some relig. pgms in  
EE; and as from Bata. Two addresses were given for listener's letters:  
P.O. Box 851, Malabo, and P.O. Box 441, Bata.(5/10 & 6/7)

Nigeria: On 3rd June, the Nig. nx agency NAN quoted the Minister of Inf.,  
Youth, Sports, & Culture that all of R. Nigeria's stns whose structures  
and studios were not fully established would be scrapped.(6/7) Get those  
regionals now!-MK

Libya: The cont. use of 3200 by Libyan radio has now been confirmed for  
the Voice of Greater Arab Homeland.(5/24)

Mozambique: R. Moz. and that from 5/14 it would start bcstng nx bullet-  
ins at 0400 and 0500, replacing one at 0430. The "Date in History" pgm  
would now be bcst after the 0500 nx. Also, the 2200 pgm "The Last 24 hrs  
in the Nx" would be replaced by a nx bulletin.(5/17)

"Voice of the Western Somali and Somali Abo Liberation Fronts": This  
stn which bcst from a xmtr in Mogadishu, Somalia, is now hrd in Somali  
on 6095 from 1030-1100 instead of 1200-1230.(5/10)

Mali: Mali Radio announced a series of test xmns on 7285 and 4783 acc.  
to this sked:

|           |             |      |
|-----------|-------------|------|
| 0600-0800 | M-Tu-W-Th-F | 4783 |
| 0700-2400 | Su          | 7285 |
| 0800-2400 | F           | 7285 |
| 1200-2400 | M-Tu-W-Th   | 7285 |

Monitoring during the eve of 4/29 & 4/30 revealed that Mali was xmtng un-  
til close-down at 0001 on 5600 kHz.(5/3)

Sudan: Omdurman has SW at 0400-2200, all in AA, on 5039 & 11855, both  
freqs irregular; nx 0430-0445.(5/24)

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Well, only enough material this month for 5 pages, but I expected as much  
with the "summer slump" in reception now upon us. I hope those lucky  
people taking vacations this summer have a good time, and wear out a few  
batteries on the portable as well.

Remember that we are urgently seeking a new editor for Tips & Topics as  
well as Technical Topics. If you'd like to get more involved with the  
hobby, drop our new publisher or managing editor a line.

See you again in August--until then, good African DXing!

*mark*

WDX9JKV/WB9FKP

# ASIA-OCEANIA

EDITOR:

BOB THUNBERG  
409 Burt Street  
DuBois, PA 15801



DEADLINE: 12th of each month

FREQUENCIES IN KILOHERTZ

TIMES ARE IN GMT

\*0000=sign on 0000\*=sign off

I have literally been swamped by reports this month! Leave it to you, the members of SPEEDX, to come through just when I thought things would start slacking off a bit. Because of your outstanding support this month, there will be little, if any, room for A/O news. One item that can't be overlooked is the reported return of R. Maldives to SW. Victor Goonetillike of Sri Lanka reported on "Media Network" that R. Maldives is back on 4754 kHz after several years off. Sked is 1230-1730 with EE from 1230 to 1315.

I also want to encourage everyone to take their rigs along while on vacation this summer. This may provide you with a great chance of hearing DX that is difficult from your home QTH. Just ask Ralph Famularo-NJ, who took the time to log a number of rare Asians (at least rare to us poor souls back East) while on a recent trip to Calif.

Better get started or I'll never fit everything into six pages. Highlights this month include numerous Chinese and Indonesian regionals.

## BANGLADESH

### R. Bangladesh

15250 1730 RB: Urdu: Bengali mx; ID at 1755 into nx; QRM de R. Portugal after 1755 (444 5/18 Wood-S. Arabia)

## CHINA

### R. Beijing and various regionals

3940t 1225 PPBS-Hubei, Wuhan: CC: YL & OM w/tlks, mx at 1230 (422 5/18 Berri-CA)  
4380 1210 FFS-2: CC: tlk by OM; vcl & instl mx (353 5/24 Thompson-NM)  
4760 1245 PPBS-Yunnan: CC: YL w/mx pgm; ment. of Beijing (444 5/18 Berri-CA)  
4915 1300 PPBS-Guangxi: CC: class mx, OM tlk, choral vcls (fr 5/18 Famularo-CA)  
4940 1218 PPBS-R. Qinghai: CC: OM w/speech, crowd noise; YL w/prob. cnty (434 5/26 Berri-CA)  
4975 1316 Fujian-Fuzhou: Amoy: YL tlk, CC mx; UTE QRM (poor 5/18 Famularo-CA)  
5770 1235 FFS-2: Amoy: long tlk by OM; CC vcls at 1300; // 5170 & 4840 (fr-gd 5/12 Famularo-CA)  
5900 1115 FFS-1: CC: tlk by OM, lcl CC mx (333 5/12 Prath-FL)  
6150 1410 PPBS-Heilongjiang: CC: high-pitched YL w/tlk; long vcl selection; // 5950 (fair 5/12 Famularo-CA)  
6665 1105 CPBS-Beijing: CC: tlk by OM & YL; class mx (222 5/13 Prath-FL)  
6750 1110 CPBS-Beijing: CC: trad mx; OM & YL w/tlks (good 5/14 Famularo-CA)  
6860 1802 RB: GG; nx of Reagan in China (424 4/25 de Cassan-Austria)  
6974 1514 PPBS-Nei Menggu: CC: placid CC mx; OM & YL tlks (fr 5/13 Famularo-CA)  
7025 1120 FFS-2: CC: tlks & poss. ID at 1130; lcl mx (333 5/20 Prath-FL)  
7335 1215 CPBS-Beijing: CC: YL vcl mx; anncts by YL (454 6/1 Thompson-NM)  
7516 1523 CPBS-Beijing: CC: radio play; songs w/gongs & drums; // 7504 & 7440 (good 5/13 Famularo-NJ)  
9775 1135 CPBS-Beijing: CC: YL w/skcd and ID (444 5/28 Berri-CA)  
9860 0947 RB: EE: OM w/tlk of average income in China; YL w/tlk on India; instl mx (252 5/30 Bingham-MA)  
9945 1146 RB: CC: oriental mx; silence for 3 min. then IS, ID into tlk by YL at 1200 (444 5/27 Dillon-PA)  
11445 1200 RB: ? : hrd s/on w/IS, into tlk; too noisy and weak for lang ID (222 5/27 Prath-FL)  
11500 2125 RB: EE: pgm on industrial development in Manchuria (333 5/8 Getzel-NY)  
11600 0939 RB: EE: cnty on US involvement in Cam; nx (233 5/5 McKeon-IN)  
11600 1400 RB: EE: Asian Svc pgm on tourist spots in China (444 5/21 Shreedhar-India)  
11650 1211 RB: EE: cnty on Sino-Viet conflict (333 5/26 Getzel-NY)  
15040 \*1700 RB: RR: s/on, ID, then intensely jammed (522 5/10 Wood-SA)  
15095 1535 RB: RR: nx abt Afghanistan; speech by OM; wld nx; class mx; WRTH lists 15100; jammed (fr 6/7 Sharpe-CA) (Berri-CA) (Wood-SA)

## CHINA Cont.

15385 0100 RB: EE: nx of General Secretary's visit to N. Korea and abt Persian Gulf war; spts & mx (333 5/12 Dillon-PA)(222 5/25 McDowell-IL)  
 15478 0015 RB: EE: OM w/cmt; // 15385 & 15520(322 5/19 Berri-CA) odd freq-RBT  
 15520 0304 RB: EE: wld & CC nx; Chinese view of Hong Kong; CC lesson (344 5/26 Preston-CA) (233 5/31 Swinn-CA)  
 1100 RB: EE: nx & cmt; rpt on the elderly (322 5/22 McDowell-IL)  
 17740 \*0200 RB: CC: IS, ID, nx by YL (333 5/26 Dillon-NC) another vacationing DXer

## C Y P R U S

15420 1300 BBC Relay  
 BBC: EE: World Svc nx; partly back now after strike which began 4/12; 17885 still not back & several AA freqs still silent(544 5/2 Wood-SA)

## I N D I A

11620 2108 All India Radio  
 AIR: EE: lcl mx, nx by OM, sitar mx (222 5/31 Gray-MI)

## I N D O N E S I A

3215 1215 RRI Manado: IN: mx till 1229, then tlks & ID by OM(444 5/25 Berri-CA)  
 3225t 1232 RRI Tanjung Pinang: IN: OM w/nx; mx; no ID hrd (323 5/25 Berri-CA)  
 3960 1250 RRI Palu: IN: IN: w/trlk incl. ment. of Palu (444 5/25 Berri-CA)  
 4753 1336 RRI Ujung Pandang: IN: tlk abt eating, drinking, & fasting during the celebration of Ramadan; western and Indo pop mx; spts match w/crowd noise (pr 6/7 Sharpe-CA) (fr 5/12 Famularo-NJ) (5/18 Berri-CA)  
 4927 1252 RRI Jambi: IN: YL/trlk, ment. of Bandang; Indo pops(444 5/18 Berri-CA)  
 7270 1403 RRI Jakarta: IN: full ID; tlk on fasting & discipline; hrd over R. Malaysia, Kuching on same freq (fair 6/7 Sharpe-CA)  
 11700 1540 RRI Jakarta: IN: Indo pop mx; full ID by OM; YL w/mx requests (fr-gd 6/7 Sharpe-CA)  
 11790 1215 RRI Jakarta: IN: vcls & piano instl mx; ID in FF at 1300; into EE at 1400 but fading (454 5/19 Thompson-NM) nx at 1555(333 6/4 Speer-CA)

## I R A N

4990NF 1545 VOIRI  
 VOIRI: RR: comparison of Islam & Christianity; at 1615 in AA; into Turkish at 1830; Farsi at 0330. Loud new freq overrides Yerevan, Lagos, and RSA (544 5/5 Wood-SA)  
 15084 1709 VOIRI: Farsi/AA: tlk abt Islam & Iran; AA nx abt Palestine at 1730; prayers at 1900 (333 5/11 Dillon-PA)(222 5/20 Shreedhar-India)  
 15315 0400 VOIRI: AA: ID, sked, march; // 6150 (544 5/16 Wood-SA)

## I R A Q

6100 1555 R. Baghdad; Sawt ul Jamaheer  
 RB: Kurdish: IS; political tlk; lang sounds halfway between Turk and Farsi-doesn't sound like AA (433 5/6 Wood-SA)  
 9520 0505 SuJ: AA: greetings to listeners in Iraqi cities; // 9505, 9555 (533 5/16 Wood-SA)  
 9610 2102 RB: vcl mx; nx of war with Iran; march mx & 2126\* (252 5/7 Bingham-MA)  
 13700 1535 RB: AA: OM w/trlk, pips and ID on the hr; nx by YL; lcl mx (343 5/10 Miyauchi-JP)  
 15400 1556 SuJ: AA: AA mx, nx, ID at 1606, more AA mx (443 5/14 Yoshimura-JP)  
 21585 2215 RB: AA: Qur'an reading; hvy jamming-same type as on 15084 (I guess Iran is returning the favor-hi RBT) (212 5/24 Soomre-MA)

## I S R A E L

9440 \*2300 Kol Israel  
 KI: EE: Mid-East nx; "Spectrum", Forum, "Calling All Listeners" pgms; features on National Craft Exhibition and Israeli culture (434 5/17 McDowell-IL)(Byron-PA)(Knapp-WV)(Neuverth-CO)(May-OH) +3  
 9815 0000 KI: EE: special Independence Day pgm; "Faith to Faith", tlk on science, nx & cmt(322 5/6 Macrie-NJ)(Addison-KS)(Gray-MI)(Bingham-MA) +1  
 11590 2145 KI: HH: EZL mx; pips & ID at 2200 into nx; 2209\* (333 5/28 D'Angelo-PA)  
 11655 0100 KI: EE: tlk on 2 Arabs beaten after bus bombing; pgm on Roman invasion of Jerusalem in AD 70 (444 5/28 Byron-PA)(454 6/6 Barber-NY) +5  
 12025 \*1900 KI: EE: nx; rpt of hospital workers on strike (454 5/8 Bingham-MA)  
 13745 \*2300 KI: EE: nx; // 9815, 11655 (433 5/27 Prath-FL)  
 \*2129 KI: EE: pop mx; Jewish folk tale (454 5/14 Bingham-MA)(5/8 Hevern-NY)  
 17630 1150 KI: HH: home svc of nx, mx; Budweiser ad; ID at 1200(433 5/25 Dillon-PA)

## J A P A N

6055 1330 NSB; NHK (R. Japan)  
 NSB: JJ: OM & YL exchanging "konbanwa" (good evening); "News Today"; restaurant ad; // 3925 (good 5/10 Famularo-CA)  
 9505 1300 RJ: EE: wld nx, "Current Affairs", orch mx; "Let's Learn Japanese" (444 5/11 Cox-CA)(252 6/5 Sampson-WI)(454 5/29 Thompson-NM)  
 1112 RJ: EE: cmt on Japan's future role in Pacific(444 5/8 Brewer-AR)  
 1505 RJ: EE: "Current Affairs"; tlk of rainy season(544 5/30 Thompson-CA) (343 5/27 Newlon-NM) at 0740 in EE (good 5/14 Famularo-CA)

## JAPAN Cont.

9595 0800 NSB: JJ: YLs discussing children (good 5/16 Famularo-CA)  
 15300 0000 RJ: EE: NAM Svc of wld nx; severe QRM de Swiss R. Intl on 15305 (322 6/2 Harvester-NC) (232 5/27 Lord-CA) (433 5/11 Bishop-NY)  
 1850 RJ: JJ: mx & cmty (333 5/6 Addison-KS)  
 17755 0100 RJ: EE: nx of USSR Olympic boycott; Japanese think Reagan will be re-elected. (354 5/9 Keenan-CA) (344 5/28 Deckman-CA) NC)  
 0210 RJ: JJ: ID "Nippon Hoso Kyokai"; Class mx on dulcimer (333 5/26 Dillon-NC)  
 17870 0530 RJ: FF: nx, TC, wx; new time for 1st Euro Svc //15315 (433 5/17 Wood-SA)  
 21640 0150 RJ: EE: nx by OM; // 21610, 17825 (242 5/30 Dillon-NC)

## J O R D A N

7155 2230 Hashemite Kingdom Bcsting Svc  
 HKBS: AA: Mid-East mx, TPs, ID by OM at 2300; audible now that RFE & jammer have freq for summer (fr 5/25 Parks-FL) nice catch Bill-not rptd in the States very often. RBT  
 11920 0430 HKBS: AA: ID "Huna Amman", sked; // 9530 (544 5/13 Wood-SA)

## K A M P U C H E A

9695 1205 V. of the People of Kampuchea  
 VOKK: EE: pro-Vietnamese tlk; oriental mx, ID (pr-fr 5/21 Famularo-CA)  
 Bet you wouldn't have hrd this in NJ, Ralph-hi. RBT

## K O R E A (NORTH)

R. Pyongyang  
 9620 \*1500 RP: EE: anthem; nx of Hu Yaobang's visit to Korea; WRTH lists 9625; // usual 9977, 11880 (444 5/12 Wood-SA)  
 9745 1112 RP: EE: YL jabbering on abt demonstrations at universities-she called this "news"! Followed by yet another salute to the "Great Leader" (444 5/18 Brewer-AR)  
 1025 RP: KK: choral mx; tlk by OM; ID, NA, 1050\* (333 5/18 Dillon-PA)  
 9872 1610 RP: EE: tlk on Kim ul Sung (444 5/20 Shreedhar-India)  
 9977 1130 RP: EE: Kim il Sung visits the USSR; more praises for the (yawn!) "Great Leader" (343 5/27 Dillon-NC)  
 15230 2331 RP: EE: anti-US cmty (232 5/19 Deckman-CA)

## K O R E A (SOUTH)

R. Korea  
 6135 1304 RK: EE: "Echoes of Traditional Music"; wld nx (343 5/6 Deckman-CA) (fair 5/16 Famularo-CA)  
 6175 1120 RK: JJ: OM & YL w/tlks; KK folk mx (good 5/17 Famularo-CA)  
 7275 1245 RK: EE: ID, sked; wld nx at 1300 into KK (434 5/9 Cox-CA)  
 9570 \*1400 RK: EE: ID, lengthy sked, wld nx (fr-gd 5/10 Famularo-CA)  
 9750 \*1400 RK: EE: complete EE sked; rpt on Korean seaman in Persian Gulf; "Musical Promenade" (353 6/5 Sampson-WI)  
 9870 1605 RK: EE: Mid-East Svc of nx, cmty; KK lang lesson (232 5/7 Berri-CA) (433 5/19 Shreedhar-India)  
 15575 1350 RK: EE: tlk of 88 Olympics; "Musical Promenade"; nx & cmty (222 5/25 Stiner-NY)(Dillon-PA)(Gray-MI)(Swinn-CA)(May-OH)(Neuverth-CO)

## K U W A I T

R. Kuwait  
 11675 1830 RK: EE: nx, wx, pop mx, interview w/film maker (333 5/26 Leeman-RI) (233 6/2 May-OH) (Bingham-MA) (Gray-MI)  
 15345 0530 RK: EE: nx; tlk of Islamic World; LSB jammer (433 5/21 Shreedhar-India)  
 15495 1800 RK: AA: poetry reading; vcl and AA mx; nx at 1900 (333 5/30 Dillon-NC)  
 21675 1730 RK: AA: "Huna el Kuwait"; AA mx; 1746\* in mid-song (344 5/28 May-OH)

## M A L A Y S I A (PENINSULAR)

RTV Malaysia CA)  
 4845 1325 RTM: Indian: recitations; choral singing; ID; //4835(fr 5/18 Famularo-RTM: Malay: tlk of Kuching University; Malay mx; soft drink(?) ad; nx by YL named Hasnahbinti Addullah (fair 6/5 Sharpe-CA)  
 5965 1404 RTM: CC: gamelan-style mx; brief tlk by YL; flute mx; no ID hrd (fr-pr 5/13 Famularo-CA)  
 6025t 1503 RTM: EE: discussion by YL & OM; ragtime mx; ID into unid lang at 1230 (fair 5/21 Famularo-CA)  
 7295 1215 RTM: EE: nx, IDs; NA w/chorus different from that hrd on 4835 (444 5/14 Mlyachi-JP)

## M A L A Y S I A (EASTERN)

RTV Malaysia CA)  
 4835 1230 RTM Sarawak: Bahasa-Malay: ID in EE & B-M, TPs; OM w/nx (545 5/26 Berri-RTM Sarawak: CC: vcl & instl mx; suddenly off at 1248 (454 5/23 Thompson-NM) at 1334 in EE w/spts, ID, cmty, pop mx (pr-fr 5/12 Famularo-CA)  
 4950 1205 RTM Sabah: Malay; EE western vcls; YL tlk; UTE QRM de 4975 (poor 5/12 Famularo-CA)  
 4970 1350 RTM Sarawak: Bidayuh (listed): electric blues guitar mx; YL w/ID; OM w/nx (fr-gd 5/12 Famularo-CA)  
 5030 1357 RTM Sarawak: EE: EZL mx; ID "RTM Malaysia-Kuching(fr 5/21 Famularo-CA)  
 7160 1330

# NEPAL

9590 1404

R. Nepal  
RN: Nepali/EE: OM tlk in Nepali; EE ID at 1410; wx rpt; mx (343 5/22 Shimada-JP)

# PAKISTAN

9465 1800

R. Pakistan  
RP: EE: live speech by Pres. Zia ul Haq greeting visiting VP George Bush (544 5/16 Wood-SA)  
15516 0330 RP: Swahili: nx, sked; 0345\* w/"Pakistan zindabad" anthem; het de R. Moscow on 15515 (544 5/8 Wood-SA)  
21475 1215 RP: AA: IS, s/on w/Qur'an, nx, film mx; moved from 21470 to avoid BBC but now mixing w/R. Finland (533 5/8 Wood-SA)

# PHILIPPINES

6110 1130

VOA; FEBC; R. Veritas; AFRTS  
VOA: EE: nx, cmty; orch mx; rpt by Surgeon General on hazards of smoking (454 6/2 Thompson-NM) (211 5/30 Gray-MI)  
9715 1353 FEBC: CC: relig pgm w/EE hymns (342 5/13 Cooper-CA)  
9760 1300 VOA: EE: "Newsline", Japanese Def. Min. to visit US(222 5/30 Gray-MI)  
11955 1430 R. Veritas: EE: "Listener's International" (444 5/21 Shreedhar-India)  
15445 1624 VOA: EE: tlk on Presidential race; // 15600 Monrovia (232 Newlon-NM)  
15450 1535 FEBC: EE: mailbag pgm; "Chords of Love" pgm; relig tlk and drama (343 5/17 Thompson-CA) (333 Grosvenor-CA) at 2335 (242 6/1 Preston-CA)  
21670 0510 AFRTS: EE: NBC nx (343 5/14 Wood-SA)

# QATAR

17910 1324

Qatar Besting Svc  
QBS: AA: drama; ID at 1330; AA mx (353 5/26 Shimada-JP)  
1720 QBS: ? : nice sig for Mid-East mx pgm; ID by OM (444 5/1 Witte-CA)  
2039 QBS: AA: long tlk by OM; ID @ 2100 into nx; instl and ME vocals (353 5/28 D'Angelo-PA)

# MONGOLIA

## R. Ulan Bator

Yes, I realize this is out of order, but this report just came in today's mail. Besides I don't receive many reports from Mongolia. RBT

12015 \*1200

RUB: EE: IS, brief annc, then NA; ID, orch mx into nx by OM; oriental vol mx alternating w/cmty by YL; weak but clear; f/out by 1231 (222 5/26 Cunningham-OH)

# SAUDI ARABIA

9870 1900

BSKSA  
BSKSA: AA: AA mx; ID by YL @1918; 2 OM discussing ME politics (333 5/30 Dillon-NC)  
21530 1100 BSKSA: IN: ID "warta berita", nx (544 5/9 Wood-SA)

# SINGAPORE

5052 1335

Singapore Besting Corp; BBC  
SBC: EE: pop/soul mx; YL w/ID & cmty (pr-fr 5/18 Famularo-CA)  
7165a 1130 SBC: Tamil: film mx & tlk; freq drifting (7170 listed-RBT) (433 5/20 Shreedhar-India)  
7180 1429 BBC: EE/Hindi: EE ID; Hindi ID into Hindi pgm (444 5/10 Berri-CA)  
9740 1500 BBC: EE: "R. Newsreel"; "Outlook" (544 5/15 Thompson-CA)  
11750 1000 BBC: EE: pop mx pgm w/YL DJ; ID (444 5/18 Dillon-PA)  
1600 BBC: EE: wld nx & cmty; econ summit mtg in London(gd 6/7 Sharpe-CA)  
11940 1309 SBC: EE: OM w/nx & ID; YL named Rose w/rock mx; EZL mx; 1605\* w/anthem (333 6/4 Thompson-CA) (Cooper-CA)(Unruh-HI)(Newlon-NM)  
15310 1648 BBC: EE: Alistair Cooke's "Letter from America"(443 5/27 Newlon-NM)

# SRI LANKA

6075 1400

SLBC; VOA India)  
SLBC: EE: test xmen of Asian Svc; also 6005 at 0100(544 5/21 Shreedhar-India)  
9645 1326 VOA: EE: "Newsline" & "Magazine" pgms to S. Asia(343 5/4 Unruh-HI)  
11800 0800 SLBC: Hindi: ID; ads; Indian film mx (344 5/17 Wood-SA)  
17850 1027 SLBC: Sinhala/EE: NA, ID by YL; nx in Sinhala & EE; "Radio Monitors Intl" (343 5/27 Shimada-JP)

# TAIWAN

5980 0115

VOFC; BCC  
VOFC: EE: tlk abt Chinese paper making (443 5/28 Byron-PA)  
6180t 1045 BCC: CC: trad CC mx; OM & YL w/tlks; jammed (pr-fr 5/17 Famularo-CA)  
Ralph also rpts that these bcsts were also jammed: 6040, 7150, 7250 at 1100 and 6087 at 1400; prob. from P.R. of China.  
15215 0454 VOFC: CC/SS: CC to 0500; SS ID "LV de la Chine Libre...desde Taipai"; CC mx; het de 15520 (232 5/17 Hevern-NY) WRTH lists this as a VOFC relay of WYFR, thus a legitimate reception of Taiwan. RBT  
15270 2140 VOFC: EE: nx, mx; "A Journey into Chinese Culture"(343 5/28 Deckman-CA)

Only received one report of VOFC via WYFR this month. Again, be careful of your receptions of VOFC. I've been fooled a number of times myself. RBT



# TURKEY

11755 2233 V. of Turkey  
VOT: EE: Cultural Report; sked and 2250\* (454 5/14 Bingham-MA) (322 5/24 Gray-MI)  
0258 VOT: EE: ME nx; cmtly on Cyprus; "Review of Turkish Press" (444 5/30 Bradley-MA) (322 6/2 Preston-CA)  
11770 0830 VOT: Turkish: ID; Turk mx; sked; // 11820; 0858\* (433 5/17 Wood-SA)  
15220 1940 VOT: Turkish: pgm for Turks abroad; Turk mx; nx & ID @ 2000 (444 5/11 Dillon-PA)  
17815 0330 VOT: EE: "DX Corner" read by incompetent female who didn't know the difference between MW & SW. NAM Svc here to avoid Beijing on former 17725 (544 5/6 Wood-SA)

# U S S R (ASIAN)

4040 1210 Vladivostok ARSFSR: RR: orch & vcl mx; some annots(353 5/25 Thompson-NM)  
11785 1200 R. Tashkent-Uzbek SSR: ? : ID, OM & YL w/nx; singing by younsters(555 5/3 Robinson-TN)  
15100 1557 Unknown site, R. Moscow: EE: wld nx & cmtly (434 5/8 Gray-MI)  
15465 2230 RMWS-Nikolayev?: EE: cmtly, mx, Mailbag (323 5/23 Berri-CA)  
17700 0035 RMWS-Petropavlovsk: EE: pgm on retirement in Soviet Union; nx; Moscow Mailbag; woodpecker QRM (333 5/14 Unruh-HI)

# UNITED ARAB EMIRATES

15300 \*1600 R. Dubai  
RD: EE: Mailbag; ad for JVC Electronics Show; pop & AA mx; greetings to listeners in New Zealand (444 5/12 McKeon-IN)(322 5/30 Caceres-NY) (423 5/18 Gray-MI) (544 5/16 Wood-SA)  
17775 1145 RD: AA: AA mx; tlk by OM & YL; // 21695 (333 6/2 Prath-FL)  
\*0330 RD: EE: nx, press review; request for recept. reports; // 15435, 11730 (233 5/13 McKeon-IN)

# VIETNAM

10010 1350 V. of Vietnam  
VOV: Cantonese: YL tlk; VV mx; into CC at 1400 w/ID, anthem & flute mx (fair 5/13 Famularo-CA)  
10060 1100 VOV: VV: OM giving speech; tlk by YL w/ments of Hanoi(353 5/7 Dillon-PA)  
15010 1700 VOV: CC: CC mx; ID (444 5/26 Valentine-CA)(544 5/19 Shreedhar-India)

# YEMEN ARAB REPUBLIC

9780 2100 R. San'a  
R. San'a: AA: ID "Itha'at ul Jumhuriyyat il-Arabiyyat il Yamaniyyah" nx, Qur'an; NA & 2115\* (333 5/24 Dillon-NC)

# YEMEN (PEOPLE'S DEM. REP.)

6005 0230 DYBS  
DYBS: AA: OM tlk; recitations; 0245 f/out (332 5/17 Ruckman-OH)

# ##### O C E A N I A #####

# A U S T R A L I A

4920 0720 R. Australia  
VIM4-Brisbane: EE: album mx; frequent TCs(444 6/3 Speer-CA) (232 5/19 Dillon-PA) MI)  
5995 1200 R. Australia: EE: interview w/author of children's books(333 5/26 Gray-  
6045 0810 RA: EE: stock market rpt; soul mx; fluttery sig but in the clear (fr 5/14 Famularo-CA)  
6060 1207 RA: EE: wld and lcl nx; "Four Corners" (444 5/9 Cox-CA)  
\*1500 RA: EE: mx interlude; wld nx (fair 5/17 Famularo-CA)  
6840USB 0903 VJY relay of 8DR-Darwin: EE: ABC wld & lcl nx; tone & YL w/tent 8DR ID & ment of "outback"; @ 0910 YL w/VJY Darwin ID; This svc intended for people in the outback beyond MW range (fair 5/20 Parks-FL) very interesting rpt Bill. RBT  
7205 1210 RA: EE: "Profile"; vcl & piano mx; ARO QRM (444 6/2 Thompson-NM)  
9545 1700 RA: EE: nx, sked; good new freq; // 6045, 6060 (hrd) and annod 5995, 6035 (not hrd) (444 5/16 Wood-SA)  
9580 1250 RA: EE: "Australian Insight"; "Four Corners" etc. (444 5/29 Klosowski-FL)(343 5/9 Duguay-MA)(353 5/23 Blanchette-FL)(Addison-KS) +5  
9610 1115 VW9-Perth: EE: horse racing; jazz pgm "Dukes of Dixieland"; 1602\* (333 5/18 Dillon-PA)(Blanchette-FL)(Speer-CA)  
9760 0825 RA: EE: sing-along mx; ID as bcsting to Papua New Guinea; // 5995 at same level (353 5/29 D'Angelo-PA)  
9770 1215 RA: EE: rock mx (323 5/27 Dillon-NC) at 1700 (533 5/10 Wood-SA)  
11720 1000 RA: EE: wld & Pacific nx; "The Body Shop" & "Sound About" pgms (545 Neuverth-CO)(253 5/3 Hesche-NY)(555 6/5 McKeon-IN)  
11790 1615 RA: EE: "Talkback" pgm; Australian nx incl rpt that new Carnarvon xmtr on air to Asia (433 5/5 Unruh-HI)(444 5/20 Miyauchi-JP)(deCassan-Aust)  
11800 1110 RA: EE: cmtly on tlks between China & Australia; pop mx(333 5/11 Gray-MI)

# AUSTRALIA Cont.

11885 0914 RA: EE: "Soundabout" pgm of pop mx(454 5/30 Bingham-MA)(McKeon-IN)  
 12291USB 0720 RA Feeder: EE: intvw w/jazz musician (333 6/5 McKeon-IN)  
 15230 0659 VLH15-Lyndhurst: EE: "News Voice"; ID "You are with ABC Radio 2&3."  
 "Roundabout" pgm w/Graham Evans (353 6/1 MacGibbon-OR)  
 15320 \*0500 RA: EE: wld mx, intvw, mx; // 15395 (343 5/24 Bradley-MA)(Gray-MI) +3  
 15395 0400 RA: EE: editorial review; Olympic cmty; "Australia Today" (344 5/26  
 Preston-CA)(gd 5/17 Famularo-CA) in FF (555 5/13 Cooper-CA)  
 2330 RA: EE: nx into pop mx (444 5/15 Prath-FL)  
 15425 0715 VLW15-Wanneroo: EE: lt mx, 20M w/tlk & ID (fair 5/28 Famularo-NJ)  
 17715 0140 RA: EE: wld mx; C&W mx (322 5/26 Dillon-NC) (5/27 May-OH)  
 17795 0204 RA: EE: "Talkback" DX pgm on recent solar flare; news of Pope in Korea  
 (242 5/13 Hevern-NY)(333 5/5 Stiner-NY)(353 5/4 Bingham-MA)  
 21525 0537 RA: EE: "Jazz Australia" pgm; surprised this freq propagating at this  
 time (233 5/22 McKeon-IN) (444 5/9 Wood-SA)  
 21720 0200 RA: EE: nx; "Talkback" w/feature on Ramadan & what stns can be hrd dur-  
 ing this event; // 17795 (353 5/27 Harada-CA)

There has been a lot of controversy lately concerning R. Australia, their pgm content, target areas etc., but it still appears to be a favorit among SWLers. I receive more rpts for this stn than any other. For the record-I enjoy their pgms. RBT

## G U A M

9510 1358 KTWR  
 KTWR: EE: hrd at s/off w/skcd & ID (333 5/5 Deckman-CA)  
 11735 1033 KTWR: Mandarin: OM tlk; CC mx; ID @1059 (333 5/7 Dillon-PA)  
 11840 0854 KTWR: EE: relg tlk; "DX Listener's Log" (242 5/19 Dillon-PA)  
 17725 0028 KTWR: EE: "Through the Bible" & "Bible Pathways" (444 5/14 Unruh-HI)

## M A R I A N A I S L A N D S

KFBS; KYOI  
 11705 1301 KFBS: RR: sermon w/hymn; EE ID (443 5/28 Yoshimura-JP)  
 11900 1500 KYOI: EE/JJ: rock mx; IDs in both langs (344 5/7 Murphy-MI)(322 5/17  
 Coleman-MA)(323 5/7 Getzel-NY)(Blanchette-FL)(Brewer-AR)(Cooper-CA)  
 15190 0707 KYOI: EE: country-rock mx; accented YL w/ID (gd 5/28 Famularo-NJ)

## N E W C A L E D O N I A

R. Noumea  
 7170 0715 RN: FF: "Weekend" mx pgm; nx at 0800 (343 5/5 Hevern-NY) PA)  
 1014 RN: FF: EE rock mx; fun-loving DJ w/spirited chatter(222 5/26 D'Angelo-

## N E W Z E A L A N D

R. New Zealand  
 9520 0845 RNZ: EE: comedy pgm; mx by NZ Symphony Orch.; // better 11960 (232  
 5/29 D'Angelo-PA)  
 11960 0505 RNZ: EE: "Roundabout" w/Phillip Liner; comedy pgm; quote at end of pgm  
 by Liner: "After all is said and done, more is usually said than done"  
 (454 5/24 MacGibbon-OR)(222 6/1 Gray-MI)(McKeon-IN)(Speer-CA)  
 15485 0350 RNZ: EE: OM w/soccer match (dull game acc. to annr due to thunder-  
 storm); "Music for Pleasure" (233 5/26 Preston-CA)(Famularo-NJ)

## P A P U A N E W G U I N E A

3385 1157 R. East New Britain: EE/Pidgin: island mx; tlk by OM; TPs & ID on the  
 hr.; several other PNG stns this morn but others too weak to ID; fades  
 but little QRN (242 6/2 Cunningham-OH) at 1226 in PD w/pop mx, TCs &  
 ID (343 5/31 MacGibbon-OR)  
 4890 1115 NBC Port Moresby: EE: ID; pop mx (333 5/11 Gray-MI)

## S O C I E T Y I S L A N D S

R. Tahiti  
 11825 0515 RT: Tahitian: YL annr w/island mx (443 5/23 Thompson-CA)  
 15170 0640 RT: FF/Tahitian: various styles of mx inc. rock, C&W, and Polynesian;  
 FF nx (242 5/6 Hevern-NY)(Gray-MI)(Thompson-CA) +1 unknown rptcr

## S O L O M O N I S L A N D S

SIBC  
 5020 1220 SIBC: EE: rock mx; pgm devoted to the year 1967 (242 6/1 Fisher-NM)  
 0730 SIBC: EE: nx ads; "Solomon Islands Report" (443 6/3 Speer-CA)(gd 5/14  
 Famularo-CA) (232 5/19 Dillon-PA)  
 9545 0650 SIBC: EE: "Back to the Bible"; appliance store ad; wx forecast; notice  
 of ship loading at Honiara (fr 5/18 Famularo-CA)(354 5/5 McKeon-IN)  
 1152 SIBC: EE: relg pgm; instl mx; ID @1200 "This is SIBC" into rock mx pgm  
 "Let the mx play on Radio Happy Isles" (222 5/20 D'Angelo-PA)

## V A N U A T U

R. Vanuatu  
 7260 0853 RV: vern: relg pgm; ID by OM @0904; Pacific mx (343 5/27 Shimada-JP)  
 tent @0850 in unid lang: Pacific-type mx; 2 OM in chit-chat style; ARO  
 QRN (323 5/5 McKeon-IN)

Just enough room to again thank everyone for the tremendous support and to say no-I will not be at the ANARC Convention in Toronto. Enjoy the summer!

In closing, I have no objection when anybody tries to take me on in the subject of ham radio, provided he is qualified, knowledgeable and knows what he is talking about; otherwise, he is fair game for me to go after him with no holds barred in reply to his claims and in defense of ham radio.

AND THAT'S THE WAY IT WAS

by Don Brewer, AR

In January I went back to my first love, shortwave listening, when I purchased a new ICF-2001. As I pushed the buttons and listened to the synthesizer swish in this interesting receiver, my memory took me back to my introduction to

the hobby during World War II.

Everything was simpler then; the equipment, the band congestion and the interference it produced. But the listening was exciting to anyone of any age, much less an early teenager.

As I turned the dial for the first time on the second-hand Philco console radio my parents had purchased for me for \$45, one of the first (if not the first) stations I heard was the BBC, London. Immediately my imagination took over as I visualized a distinguished Oxford-accented British announcer speaking so distinctly and calmly in what I imagined was a studio three stories underground while London was being blown apart by the German air force. To a kid wondering what was going to happen to the world, it seemed reassuring.

Over the next couple of years, there were many thrills, but none to equal two letters I received. Both were from parents of American POWs, one held by the Japanese, the other by the Germans. I had copied POW messages to home from Radio Tokyo and Radio Berlin and forwarded them to the anxious parents. One letter indicated it was the first word of substance received from the imprisoned son. Those two letters were lost long ago in moves around the country, but the memory of them will never fade.

The enemy didn't always do its homework in its propaganda barrages. There was the broadcast from Radio Berlin during a time of severe flooding in southeast Kansas. The German broadcast reported that "all of the coffee in Coffeyville, Kansas had been destroyed by the flood!!!"

SWling and DXing bring fascinating experiences, and in some ways I enjoy it more than amateur radio (I've been a ham since shortly after the war). But the young dial-twisters and button pushers of today have not known the excitement of monitoring shortwave broadcasts during a world war. Let's all pray they will never have the opportunity to do so.

#### REVIEW OF THE SHORTWAVE LISTENER'S HANDBOOK

Author: Robert J. Traister

Tab Books Inc., Blue Ridge Summit, PA 17214

Reviewer Bob Flick, MO

Mr. Traister is the author of a better known book, How to Build Hidden, Limited-Space Antennas That Work which is directed primarily to the radio amateur fraternity. In The Shortwave

Listener Handbook, Mr. Traister directs his efforts to the beginning shortwave listener who has no technical knowledge.

In this ten chapter, 191 page book, the beginning shortwave listener is given specific instructions to build 25 shortwave antennas. All the antennas in the book are designed for the 4 - 7 - 13 & 26 MHz bands. There is no mention in the book of the 13 - 16 - 19 - 25 - 31 - 41 or 49 meter bands and no mentions of the frequencies which they occupy. The new shortwave listener is given one short paragraph on how to convert the antenna projects to usable frequencies.

The shortwave enthusiast who buys this book could very well build an antenna far removed from their frequencies of interest. Little knowledge of how to calculate antenna lengths for various frequencies will be gained.

This book has an attractive bright red cover with a shortwave receiver tilted provocatively at an angle. Unfortunately, the cover is the only attractive thing about this book. Mr. Traister leaves the beginning shortwave listener as ignorant of antennas as he was before he bought the book. The unfortunate shortwave listener is out \$9.95.

WHAT'S NEW: In a few months, Tips and Topics will have a new department. It will be a question and answer section edited by Chris Hansen which will appear semi-monthly. See, old editors never disappear; they just go on to something new.

FINIS: At this point let me remind you to please enclose a SASE when asking me to reply to a letter and please keep those contributions coming. Best wishes and 73's,

## EDITOR:

Leon Kanopka  
139-37 254th Street  
Rosedale, New York 11422 U.S.A.



ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
ANO MUNDIAL DE LAS  
COMUNICACIONES



VIA AEREA

Hello, welcome to the July 1984 QSL column. I hope that everybody is enjoying their summers. Well onto the information:

### AFRICA

Algeria-RTVA-17745, f/d rug and logo card in 27d (Manderscheid-CA). Same in 70d for an irc (Falbo-OR). Same in 120d for 2 irc and FF rpt (Fisher-NM). Same in 95d for 2 irc (Schulsinger-OH). Same in 79d for 2 irc (PA-Dillon). Same in 126d for 2 irc (Evans-TN). Same in 60d for 2 irc (MA-Welch). Same in 2 months for 2 irc (Campbell-CT). Nice results here, this tough one has finally started QSLing, let's hope they continue to.

ASCENSION ISLAND-VOA-21490, f/d card in 5 days (Gilley-VA).

CAMEROUN-R. Douala-4795, f/d map card in 56d after f/up for 2 irc (Wilkins-CO).

CANARY ISLANDS-15365, REE-bullfight card in 46d for an irc (Falbo-OR).

GABON-R. Japan-21550, 15315, d/f ANO relay cards: in 40d (Harada-CA). In 35d (Gilley-VA). In 32d (Welch-MA). In 21d (Huffaker-MX). In 30d (Shreedhar-INDIA). In 33d (Hardesten-NC). In a month (Holbrook-MD). In the last issue I reported that R.J. on 9505, 17755, 9675, and 15300 were via ANO. It appears that I am incorrect, and that RJ is using the special cards regardless of the transmitter site. These frequencies are direct from Japan. I am sorry for the error, and thank you to Richard Speer for the correction.

LIBERIA-VOA-6035, f/d Card in 65d (Talbot-ATA).

LIBYA-R. Jamahiriya-11815, f/d card in 56d from Malta (Heiner-CO). Same in 48d from Malta for an irc (Falbo-OR). Same, via same in 21d for 2 irc (Muzyka-NY). Also recd information about Libya.

MADAGASCAR-R. Netherlands-11740, f/d painting card in 60d along with a pennant (Gayle Van Horn-TX). Same in 57d (Unruh-HI).

NAMIBIA-R. SWA-3295, f/d fire in the mountains card in 75d for 2 irc. Also received a large goodie pack. (Van Horn-TX).

NIGERIA-VON-7255, f/d airport card in 130d (May-OH).

SENEGAL-ORTS-4890, globe and microwave tower card in 160d for an irc and a tri lang report (Schulsinger-OH).

SOUTH AFRICA-R.RSA-5980, 9615, f/d Pilgrims Rest card in 14d (Speer-CA). Same in 24d for an irc (Thompson-NM). Same in 20d (Klosowski-FL).

TOGO-R. Togo-5047, date/time map/globe card in 88d for 2 irc and FF rpt (Wilkins-CO). Same in 44d for 2 irc (Hevern-NJ).

ZAMBIA-ZBS-4911, f/d card in 30d after f/up, 5 months total for 2 IRC and \$1.00 US (Gilley-VA). V/S-Peter Musuba.

### EUROPE

ALBANIA-RT-7065, date/time card in 70d (Gilley-VA).

AUSTRIA-ORF-5945, 17770, 21535, f/d art card in 49d (Miyauchi-JPN). R & R card in 45d for GG/EE/FF/SS rpt form (Bishop-NY). Art card in 51d with calendar (Speer-CA). Same in 60d with sticker (Adams-MA). Same in 17d (Barto-CT).

BELGIUM-BRT-11620, 17610, f/d card in 49d (Dillon-PA). Same in 48 and in 51 (Dillon-PA). F/D letter in 38d (Speer-CA).

BULGARIA-R. Sofia-pennant and QSL (Chickerell-WV).

CZECHOSLOVAKIA-RP-5930, pennant and sticker 42d after QSL (Falbo-OR). f/d card in 41d (Speer-CA). Mansion card in 30d (Bingham-MA).

FRANCE-R. France-21620, f/d card in 76d (Bingham-MA).

GERMAN DEMOCRATIC REPUBLIC-RBI-17880, 21540, museum card in 60d (No Name) Photo of Berlin card in 81d with a book (Miyachi-JPN).

GERMAN FEDERAL REPUBLIC-DW-5960, f/d ann card in 36d for an irc (Wilkins-CO) R. Liberty-6015, 3985, freq only card in 16d (Barto-CT).

GREAT BRITAIN-R. Canada Intl-11935, 450th ann Jacques Cartier map card in 14d (Soomre-MA).

GREECE-VOG-9420, 9865, f/d Athens card in 119d for an irc (Falbo-OR). Card in 80d (Speer-CA). VOA-7105, f/d light house card in 16d (Card-RI).

HUNGARY-R. Budapest-9835, date/freq scenic card in 49d (Falbo-OR). F/d card in 34d (Gurley-TX).

ITALY-RAI-5970, 9575, 11800, 15385, f/d art cards in 190d (Munster-GA). Same in 6 months for an irc (Fisher-NM). Same in 184d (Chickerell-WV). RAI is a very slow, but consistantly reliable verifier, have some patience.

MALTA-DW-9565, n/d ann card in 59d (Hevern-NY).

NETHERLANDS-RN-9895, 17605, 21480, 11740, f/d card in 17d on test xmsm (Hardest-NC). f/d scenic card in 24d for an irc (Falbo-OR). 3 Personages card in 60d with a pennant (Bingham-MA). Flevo site card in 17d (JPN-Miyauchi). Studio card in 19d (Muzyka-NY). Construction card in 15d (Dillon-PA). Almshouses card in 14d (May-OH).

POLAND-R. Polonia-11815, f/d Polish airlines card, plus sticker and stamps in 72d for no rp (Falbo-OR).

PORTUGAL-R. Renascenca-9680, date/freq card in ?? for an irc (Welch-MA). f/d logo card in 45d for an irc (Van Horn-TX). R. F. E.-15170, freq only card in 16d (Barto-CT). R. Liberty-15170, card in 16d (Barto-CT). R. Portugal-6060, f/d card in 43d (Bingham-MA).

ROMANIA-R. Bucharest-5990, f/d Forester's Daughter card in 2mo (Campbell-<sup>CT</sup>).

SPAIN-R. Liberty-17865, freq only card in 16d (Barto-CT). REE-9630, 11880, large, colorful satin pennant with a sticker, and QSL in 49d (Klosowski-FL). Painting card in 38d (Bishop-NY). Card in 37d (Barto-CT). Painting card in 56d (Thompson-NM).

SWEDEN-RSI-15270, 9695, 11705, 21615, 17860, f/d acid rain card in 20d (Campbell-CT). EDXC-84 card in 12d (Dillon-PA). Same with sticker in 24d for an irc (Falbo-OR). That was for 1 irc. Same in 23d (Speer-CA). Same in 45d (Adams-MA). 35th ann card in 41d (Bingham-MA). EDXC card in 16d (Klosowski-FL).

SWITZERLAND-SRI-6135, 9725, 17830, f/d card in 40d (No Name!). card in 27d (Speer-CA). QSL in 31d (Klosowski-FL). Refused sticker request, they must have ran out. Telecom 83 card and 2 posters in 179d (Klosowski-FL). Same in 160d (R. Hesch-NY). Card in 53d (Bishop-NY).

VATICAN STATE-RV-6015, f/d Popes card in 24d (Hevern-NY).

WEST BERLIN-RIAS-6005, f/d building card in 20d with stickers (Jones=VA).

#### USSR

R. Minsk-6010, f/d card in 162d (Soomre-MA).  
R. Kiev-9710, museum card in 39d for EE rpt (Dillon-PA). Also recd a stamp.  
R. Moscow-11820-Frunze, 15130-Vladivostok (Unruh-HI). 12010-Petropavlovsk-Kamchatsky (Chickerell-WV, who also recd stamps). 4860-Moscow (Welch-MA). 17860-Kursk, 15320-Orsha, 15530, 15185-Serpukhov, 15500-Moscow, 15330-



Tashkent, 15350-Vologda, 11980-Armavir, 7165-Kiev, 15490-Chita, 7175-Gorky (Soomre-MA). 15470-Komsomolsk-on-Amur, 15425-Petropavlovsk-Kamchatsky (Falbo-OR).

R. Kiev missort-17870, wind surfing card in 65d with card, stamp, and flag (Adams-MA).

#### ASIA

CHINA-Heilongjiang PBS-5950, f/d Harbor card and goodie pack in 31d via Beijing (Parks-FL). R. Beijing-11860, 9860, 15520, 4020, 5975, f/d China doll statue card and pennant in 21d (Thunberg-PA). Great wall card in 30d with bookmarks and sticker (Talbot-ATA). Wise man card in 20d with pennant and key chain (Dillon-PA). Dancing girl with guitar card in 30d with large goodie pack:skeds, px guide, 6 bookmarkers, 2 station folders, 1 postcard, sticker and RB cloth carrying bag (I guess that is to carry it all in-Hi Hi). (V. Hevern SJ-NY). f/d card (Barto-CT).

IRAQ-R. Baghdad-9610, f/d large logo card in 1 month (Campbell-CT).

ISRAEL-Kol Israel-7410, 9440, kids waving flag card in 84d (Bingham-MA). Same in 77d(Bishop-NY).

JAPAN-R. Tampa-9595, f/d Superwave card in 42d (Jones-VA). R. Japan-17825, 21610, 17825, Gabon QSL in 27d (Thompson-NM). Same in 31d (Speer-CA). Same for 2 irc (Adams-MA). Same in 39d (Bishop-NY). Same in 38d (McCants-AL). Please see my note under GABON regarding an error in last months column.

KUWAIT-RK-11675, f/d QSL folder in 25d for 2 irc (de Cassau-AUSTRIA).

LEBANON-V of Hope-6215, f/d logo card in 9d via CA for ms (Hardester-NC). Also recd a bumper sticker. Same in 10d via CA (Hevern-NY). King of Hope is their SW outlet, the V of Hope is the MW outlet name. Card in 21d for 2 irc via Jerusalem. (de Cassan-AUSTRIA).

MALAYSIA-V of Malaysia-15295, f/d picture card in 54d for 3 irc's (Gill<sup>VA</sup>ey-  
PAKISTAN-RP-Karachi-5005, f/d letter in 57d (Campbell-CT).

PHILIPPINES-FEBC-15440, 6030, 11890, sunset card in 40d for an irc (OR-Falbo). "Jeepneys" and beach card in 30d (Shimada-JPN). Sunset card in 29d for 2 irc (Welch-MA).

SAUDI ARABIA-BSKSA-11855, f/d coat of arms card in 47d (Schulsinger-TX).

SOUTH KOREA-RK-15575, 7550, time/freq card in 21d (Barto-CT). Bridegroom card in 36d with banner (Bingham-MA). Art card in 40d (Shreedhar-INDIA). Bridegroom card in 18d (Bishop-NY). Card in a month (Gehring-TX).

SRI LANKA-VOA-card in 10d (Unruh-HI).

THAILAND-RThailand-9650, date/freq Tapoo Island card in 88d for 2 irc (Welch-MA).

TURKEY-VOT-11870, Vase card in 28d (Bingham-MA).

UNITED ARAB EMIRATES-UAE Radio-15320, 15300, f/d map card in 60d with a pennant (Bingham-MA). Same card in 21d with leaflet (Unruh, HI).

VIETNAM-VoV-10040, 15010, f/d folder card in 59d (Falbo-OR). Picture of apartment building card in 74d with a questionnaire Adams-MA). Folder card in ?? (Robinson-TN).

YEMEN REPUBLIC-R. Sanaa-4853, form letter in 104d (Soomre-MA).

#### PACIFIC

AUSTRALIA-VH11-11800, full data Black Swans card in 37d for an irc (Talbot-ATA). R. Australia-9760 (Shep), 15160 (Lynd), Wattle Flower cd and personal note from Talkback-DX px producer, sked poster, tourist info, Australia map and script of Tropical Band DXing series. (Hevern-NY).

KIRIBATI-R. K.-9825, f/d Canoe racing card in 69d for taped report and 3 irc. The tape was returned and the V/S was R. Reiher-Engineer in Charge. This was after the 4th try (Talbot-ATA).

SAIPAN-KFBS-15115, f/d card in 27d (Unruh-HI). Cartoon picture of Saipan card in 42d for 2 irc and EE/JJ rpt (Kosugida-JPN).  
GUAM-KTWR-11735, 9510, 9535, f/d Plumeria card in 26d for ms (Dillon-PA). Same in 14d for ms (Wilkins-CO). Flowers card in 10d with a paper pennant for ms (Falbo-OR). Same in 16d for 3 irc (Keenan-CA). This section, Guam and Saipan should have been labeled Mariana Islands. Remember, this is part of the US, so send 20¢ stamps and save the IRCs for other countries.

NEW CALEDONIA-R. Noumea-7120, n/d logo card in 300d for 2 irc and 4 lang report (Card-RI).

NEW ZEALAND-RNZ-9520, 17705, f/d card in 16d for 3 irc (Welch-MA). Same in 18d for 4 irc (Gurley-TX). Football players card in 19d for 3 irc, also sent pennant (Deckman-CA).

SOCIETY ISLANDS-TAHITI-R. Tahiti-15170, f/d conch blower card in 6 mos for an irc and FF rpt (Gibson-CA).

#### NORTH AND CENTRAL AMERICA AND THE CARIBBEAN

ALASKA-KNLS-9685, 6170, f/d form letter in 15d for ms (Card-RI). Same in 17d for ms (Talbot-ATA). Same in 16d for \$1.00 (Gilley-VA).

ANTIGUA-DW-9650, 9545, f/d ann card in 36d for an irc (Wilkins-CO). n/d map card in 22d for an irc (Deckman-CA).

CANADA-CKZU-f/d CBC card in 20d for \$1.00 (Gilley-VA). Card in 19d for ms (Soomer-MA). Freq was 6160 Khz. CKZN-6160, f/d folder card in 60d along with a sticker (Mathew). RCI-9755, 15260, f/d DIY card in 9d (Claytor-OH). Same in 28d (Wilkins-CO). Same in 18d (Thompson-NM). Same with a sticker and pennant in 18d (Van Horn-TX). Pennant and sticker 5 days after QSL (Falbo-OR). DIY card in 20d (Falbo-OR). I guess I switched the last two.

COSTA RICA-Radio Reloj-4832, date/freq logo card in 9d for an irc and SS rpt (Parks-FL). Same in ?? for 2 irc and SS rpt (Hevern-NY). Same in 48d for irc and SS/EE rpt (Northbridge-CA).

CUBA-RHC-11930, HAVANA card in 239d (Chickerell-WV). R. Moscow-11840, f/d Street card in 76d (Chickerell-WV).

GUATEMALA-La Voz de Nahuala-3360, f/d yellow logo card in 27d for ms and a SS rpt (Van Horn-TX). f/d card in 2 yrs 50 wks for irc and SS rpt (Huffaker-MX). V/S-Juan Fidel Leppe Juarez.

HONDURAS-R. Luz y Vida-3250, f/d letter in 61d for 2 irc (Thompson-NM). Also recd a pennant. La Voz de la Mosquitia-4910, f/d letter in 30d for SS rpt (Barto-CT).

MEXICO-XEQM-Tus Panteras-6105, p/d letter in 20d on 5th try for \$1 and SS rpt (Wilkins-CO). Roberto Dominguez A.-Cordinador General.

MONTSERRAT-DW-11705, n/d card (Hardester-CA).

NETHERLANDS ANTILLES-RN-transmitter site card in 45d (Klosowski-FL). TW-9535, f/d antenna construction card in 23d for 2 irc (Unruh-HI). Same in 21d for 2 irc (Deckman-CA).

NICARAGUA-Voz de Nic-5950, personal letter and pennant and stickers in 100d (Nowicki-CA). Same in 115d (Abbott-ILL).

UNITED NATIONS-UNR-17730, f/d QSL in 25d (Nowicki-CA).

UNITED STATES OF AMERICA-R. Earth via WRNO-6185, f/d Curacao card in 137d (Claytor-OH). Same in 130d (Gurley-TX). Same in 131d (Abbott-ILL). VOFC via WYFR-5985, flower card in 26d with newspaper and pennant (FL-Klosowski-FL). Same and tape of CC mx in 66d for an irc and tape rpt (Wilkins-CO). Card and goodies in 74d (Speer-CA). WRNO-17775, 15420, Dream state card in 41d with date/freq (Thunberg-PA). Same in 31d (Bingham-MA). VOA-9505-Dixon-card in 10d (Van Horn-TX). Bethany-Card in 9 days (Unruh-HI). (21485). Delano (11740), in 20d (Van Horn-TX).

ARGENTINA-RAE-15345, f/d globe card in 50d with a pennant for 3 irc and SS  
rpt (Fernando-NY).

BRASIL-R. Brasil Central-4985, n/d form letter in 28d for PP rpt and ms (Van Horn-TX). R. Nac do Brasil-15290, picture of city card in 26d (Bishop-NY). Same in 20d for 2 irc (Deckman-CA). Card in 25d (Waelterman-MO). The computer letter looks ok to me Jerry.

ECUADOR-HCJB-f/d ARDXC card in 43d for \$1. (Talbot-ATA). Indigenous people of Ecuador cards and others: in 42d (Bishop-NY). In 33d for an irc (CA-Deckman). In 21d for 30¢ USMS (Jones-VA). In 112d for 60¢ US ms (Wilkins-CO). In 60d (May-OH). In 56d (Keenan-CA). In 25d (Caceres-NY).

GUYANA-Action Radio-5950, f/d letter in 34d for 2 ircs (Van Horn-TX).

PERU-R. Inca del Peru-4762, n/d card in 115d for SS prt and an irc. Also :  
recd pennant (Dillon-PA). V/S-Augusto S Irei S.-Director-General. Same in  
46d for SS rpt (Barto-CT). R. Concordia-9580, date only letter in 49d for  
SS rpt (Barto-CT). N/d form letter and sticker in 95d for SS rpt and ms  
(Wilkins-CO). V/s-Victor Fernandez Bustinza, Gerente.

SURINAME-SRS-4850, n/d folder card in 13 mos for 2 irc and ms (Jones-VA).

VENEZUELA-YVMO-4990, f/d folder card in 75d for SS rpt (Adams-MA).

## PIRATES

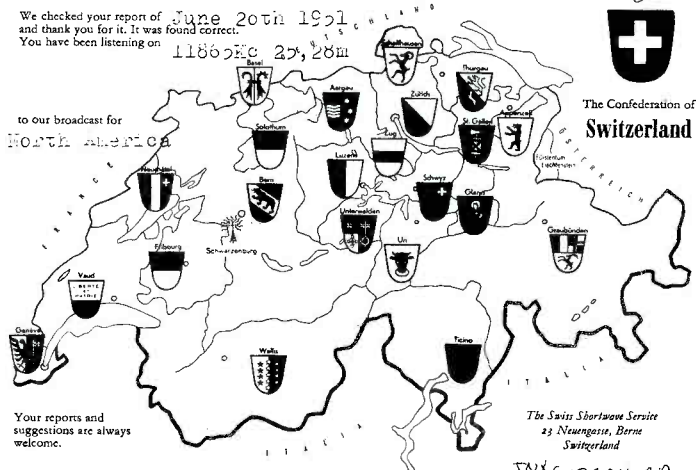
R. Clandestine-9695, f/d form letter in 380d for ms (Golab-IL).  
6065, same in 4 mos for ms (Campbell-CT).

R. Free Insanity-6275, 3 hand made cards in 50d (Hevern-NY).

Well, that's the material for this month, looks like the summer has set in by the amount of material reported. I think that I will fill up the final pages with pictures, because I do not have any material to pass on to you this month.

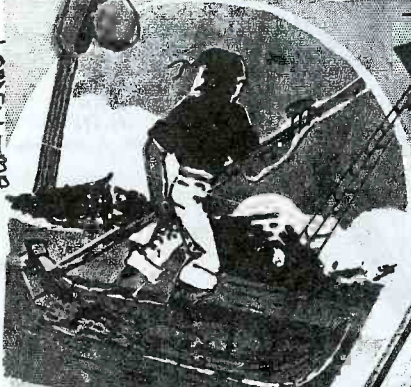
One announcement about the SW net for amateur radio I have been trying to get together. It has not been very successful. If anyone wants to meet on the air, drop me a postcard with your most convenient times, and the bands you can work. I will try to sked. I do want to meet SWLs on the air, either CW or SSB or FM.

Well I guess that is it for this month. I hope you enjoy the QSL gallery that is about to follow. Best of luck to you all and have a nice JULY.



LOBDELL-MR

Radio



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EMISORAS  
JESUS DEL GRAN PODER



WILKINS-CO



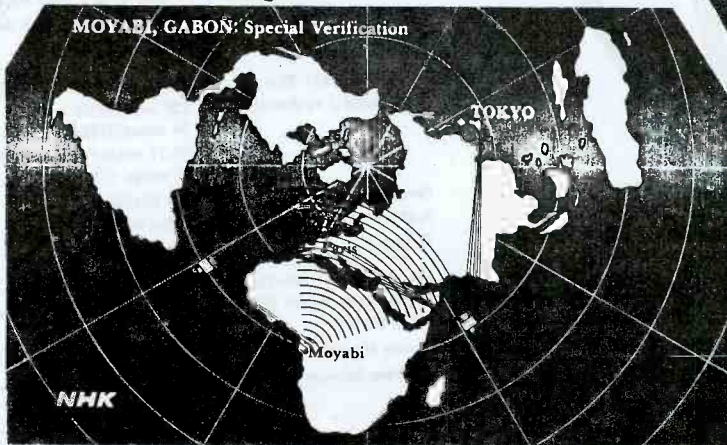
VOZ QUE LLEGA  
AL CORAZON  
DEL PUEBLO

Q.M 670 Khz  
O.I 5050 Khz  
F.M 102.5 Mg

Q  
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O

Radio Japan via Africa No.1

MOYABI, GABON: Special Verification





# RADIO NACIONAL



WILKINS CO



**RADIO REPUBLIK INDONESIA**  
**STASIUN REGIONAL I DILI**  
**TIMOR TIMUR**  
**INDONESIA**

**LA VOZ DE VENEZUELA**

**RÁDIO CLUBE DE MOÇAMBIQUE**  
 "The Station for Happy Listening"

Caixa Postal, 594  
 Lourenço Marques

We have pleasure to confirm your  
 report on 30 December 1987  
 on frequency 15100 M/cs.  
 Call Sign CRTEG  
 Transmitter power 101W.

**RADIO-DAKAR**

21 Jan 88

Monsieur,

Nous vous remercions cordialement  
 du compte-rendu d'écoute que vous  
 nous avez adressé le : 14. Jan.  
 jour : 14.1.88  
 heure : 8h30 GMT  
 fréquence : 11.895 Kc  
 et nous avons vérifié sa conformité.

Veuillez agréer, Monsieur, avec  
 les compliments et les remerciements de  
 Radio-Dakar, nos sincères salutations.

*Paul*

Kepada  
 Yth. Tuan John M. Wilkins  
 di U.S.A.

Dili, 1 Pebruari 1983.-

Dengan hormat,

Surat tuan tanggal 18 Januari 1983.  
 telah kami terima.

Dengan senang hati kami memberitahukan bahwa laporan Tuan,  
 tsb, adalah benar bahwa Tuan telah dapat menangkap Siaran -  
 RRI Stasiun Regional I Dili - Timor Timur Indonesia.

Timor Timur adalah Propinsi ke 27 ( terakhir ) yang di ber-  
 tuk di Republik Indonesia ( 17 Juli 1976 ) guna melengkapi  
 data - data Tuan, bersama ini kami cantumkan data teknis -  
 RRI Dili sbb :

|                        |                             |
|------------------------|-----------------------------|
| RRI Dili - Call Sign   | : Stasiun RRI Dili / YDVI   |
| Meter band / frekuensi | : 120 meter/2500 khz/0,3kw  |
|                        | 96 meter/3125 khz/10 kw,    |
|                        | 90.77 meter/3305 khz/10 kw. |
|                        | 75 meter / 3985 / 1 Kw.     |
| Pemancar UHF (FM)      | : 105 MHz/50 Watt.          |
| System Antena          | : L dan DIPOL.              |
| Tinggi                 | : 40 meter.                 |

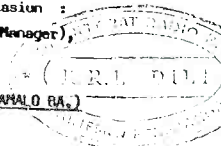
Akhirnya atas perhatian Tuan bersurat kepada kami mengenai  
 penangkapan Siaran RRI Dili di Negara Tuan kami sampaikan  
 terima kasih.-

Kepala Stasiun :  
 (Stasiun Manager),

Kepala Siaran  
 (Head Program)

(PAUL J. AMALO RA.)

HARRY A. SILALANI





**EDITOR:** MIKE CHABAK  
6171 E. Bell  
Tucson, AZ

The UTILITY SCENE is arranged as "two continuous side by side vertical columns". You read down this left hand column to the last page; return to the first page, then down the right hand column.....

Hello Gang: Let's get right to it.....

\*\*\*\*\*  
NORTH AMERICA  
\*\*\*\*\*

|       |         |        |   |
|-------|---------|--------|---|
| BER.: | 12709.2 | C var. | VPT- Hamilton MARCO - V/QSX mkr (BPS-CA) (JB-PA)    |
| CAN.: | 4268    | C 1040 | CFN- CANMIL Vancouver - V mkr (BDC-AUST)            |
|       | 5096.9  | C 0402 | CFK- CANMIL Halifax - NAWs b/c (RC-KS)              |
|       | 6753    | U 0436 | CHR- CANMIL Trenton - aero WX (PAT-CA)              |
|       | 13971   | U 2015 | CHW82- CFARS QTH?? wkg VVXV Golan Heights (DLW-CT)  |
| MEX.: | 12790   | C 0035 | XFF- Coatecoalcos MARCO - CQ mkr (GLT-NM)           |
| USA.: | 2450    | U 1142 | WOU- Boston MAROP - NTM/WX b/c (MDL-ME)             |
|       | 2506    | U 0428 | WOU- Boston MAROP - NTM b/c (MDL-ME)                |
|       | 2566    | U 1139 | WOU- Boston MAROP - NTM b/c (MDL-ME)                |
|       | 2670    | U 0440 | NMF- CG Boston - NTM/WX b/c (MDL-ME)                |
|       | 2670    | U 1047 | NMY41- CG Shinnecock NY - WX b/c (JB-PA)            |
|       | 4274    | C 0731 | KFS- San Francisco MARCO - Tfc list (RDG-AUST)      |
|       | 4393    | U 0448 | WOM- Ft. Lauderdale wkg ICJK Steward (MDL-ME)       |
|       | 4415    | U 1106 | WOO- Ocean Gate MARCO - WX/tfc list (MDL-ME)        |
|       | 4582    | U 0033 | Middle East 42 (CAP-regional) wkg W.E.21 (ECW-WA)   |
|       | 4781    | C 0531 | WGY9112- FEMA Mt. Weather - 5 ltr msg (RM-IL)       |
|       | 4791    | C 0646 | WGY9112- FEMA Mt. Weather - 5 ltr msg (JCD-CA)      |
|       |         |        | (note: both FEMA freqs are correct)                 |
|       | 5574    | U ---- | San Francisco Aero wkg Japan Air 14 (JMN-CA)        |
|       | 6221.6  | U 2202 | WHS- Vicksburg MS INMAR wkg Melody Gold (NAP-AL)    |
|       | 6521.9  | U 2115 | KMB- Houston TX MARCO wkg WYA2490 (NAP-AL)          |
|       | 6521.9  | U 1750 | WIX- Lakin NY INMAR - wkg Roger Jewel (NAP-AL)      |
|       | 6604    | U 0608 | WSY70- New York VOLMET (PAT-CA)                     |
|       | 6905    | I 0113 | AAC32- Carlisle Barracks PA wkg Missionary (MDC-NY) |
|       | 8364    | C 0434 | WCC- Chatham MA MARCO - ID mkr (RW-IL)              |
|       | 8712    | C 0103 | WLO- Mobile AL MARCO - DE mkr (JB-PA)               |
|       | 8728.2  | U 0600 | KMI- San Francisco MARCO - WX b/c (RM-IL)           |
|       | 8743.7  | U 0103 | KMI- San Francisco MARCO - tfc list (JDUW-NN)       |
|       | 9007    | L 1448 | APF3- Andrews AFB MD clg SAM 86971 (JMW-NE)         |
|       | 11194   | U 1725 | Lockheed Flight Test wkg unid sta (RLR-KS)          |
|       | 11448   | C 1550 | KMY37- GDR EMB Wash DC- ORC mkr into RPTY (RM-IL)   |
|       | 12706   | C 2325 | WLO- Mobile AL MARCO - WX b/c (JB-PA)               |

\*\*\* INTENTIONAL \*\*\*

|                         |        |         |  |
|-------------------------|--------|---------|--|
| 3455.0                  | A      | var.    | cordless telephone harmonic- aka 3460/19312 (DLK-CA) |
| C 0216                  |        |         | 36FLX sending 5 digit tfg (RM-IL)                    |
| 4637                    | U      | 0220    | SS/OM with phonetic coded b/c (RMH-NY)               |
| 4633                    | U      | 0220    | ascending audio tones (JMN-CA)                       |
| 7625                    | ? var. |         |  |
| 7415                    | C 0342 |         | B46J- With CQ mkr (RM-IL)                            |
| 8574                    | C 0654 |         | HVR- QSX mkr (GLB-FL)                                |
| 10002                   | C 2148 |         | W3L with CQ mkr (RM-IL)                              |
| 13277                   | U 0120 |         | fishing fleet comms - Grey Whale/GoD Pather (JDM-MN) |
| 16357A                  | C 1355 |         | HGA21- V/QRA mkr (RMA-IA)                            |
| 17780                   | A 2115 |         | "footsteps" probably IS for 4-digit numbers (JMN-CA) |
| **** RADIOTELETYPE **** |        |         |  |
| 3130.8                  | 1454   | -- --   | DHJ48- GG AF Ramstein FRG - RYS (JK-FRG)             |
| 4007.0                  | 0727   | -- --   | MUVZ- Br. Army Dortmund ENG- clg MUY (JK-FRG)        |
| 4491.8                  | 1650   | 50/170n | Turin Police ITLY- to Moncallieri (RMA-FRAN)         |
| 4877.0                  | 0720   | 50/170r | Y7CB1- GDR EMB Copenhagen DEN- to Berlin (AM-UK)     |
| 5300.0                  | 0510   | 75/850r | IDR- Rome NAVRAD ITLY - NAVAREAS (RM-IL)             |
| 5404.2                  | var.   | 50/850r | IBR- NATO Varona ITLY- to DHJ37 (AM-UK) (JK-FRG)     |
| 5450.0                  | -----  | 75/425r | TANJUG Belgrade YUGO - SC/NY (RMA-FRAN)              |
| 5760.0                  | 2340   | 50/425n | BEQ11- Seville Police SPAN- msg to Madrid (AM-UK)    |
| 5789.0                  | 1550   | 50/425r | Guardi. Palma De Mallorca SPAN to Valencia (RMA-F)   |

DEADLINE:  
12th Day of  
the Month

AM RTTY USB ISB  
LSB CW FAX A3H

COLUMN  
COVERAGE  
0-30 MHZ  
H.F.

XMSN MODES: A-am.. C-continuous wave(CW).. F-facsimile.. I-independent side band.. L-lower side band.. M-modulated CW.. P-radioteletype.. S-single side band.. U-upper side band.. 3-A3H..

|                            |            |                                  |          |
|----------------------------|------------|----------------------------------|----------|
| 0510-27NAVY-4055-A-SY-5d   | (A7A-VA)   | 0601-06NAVY-8897-A-SY-5d         | (A7A-VA) |
| 0515-07NAVY-8419-A-SY-4d   | (RM-IL)    | 0620-06NAVY-6800-A-SY-5d         | (A7A-VA) |
| 0518-27NAVY-8057-A-SY-5d   | (A7A-VA)   | 0705-1-04NAVY-9885-A-SY-5d       | (NSH-NC) |
| 0519-06NAVY-8057-A-SY-5d   | (A7A-VA)   | 0710-0-04NAVY-1214-C-XX-5d       | (JMN-CA) |
| 0519-28NAVY-7527-A-SY-5d   | (A7A-VA)   | 0919-?-??-22-5990-A-SY-5d        | (JMN-CA) |
| 0521-2-04NAVY-8050-A-SY-5d | (A7A-VA)   | 1207-26NAVY-4770-A-VY-4d         | (JEB-CA) |
| 0532-1-33NAVY-8057-A-SY-5d | (A7A-VA)   | JEB says language was Vietnamese |          |
| 0535-??-??-4050-A-SY-5d    | (JMN-CA)   | 1910-???-?-14727-U-GY-5d         | (FUG-SO) |
| 0537-2-20NAVY-4055-A-SY-5d | (A7A-VA)   | 2115-0-05NAVY-11532-A-SY-4d      | (GLB-FL) |
| 0559-2-04NAVY-8050-A-SY-5d | (A7A-VA)   | 2346-0-04NAVY-13550-C-XX-5L      | (RM-IL)  |
| 4055-0-0 1030kg" beacon    | (RDG-AUST) |                                  |          |

|           |                 |            |
|-----------|-----------------|------------|
| 4055.0 C  | 1030"K" beacon  | (RDG-AUST) |
| 15655.6 C | 0200 "U" beacon | (RM-IL)    |
| 17016.8 C | 2233 "P" beacon | (GLB-FL)   |

s + a Tenbne baymnicu aka 3460/19312 (D.K.-CA)

|        |        |  |          |
|--------|--------|--|----------|
| 3450.0 | A var. | Countess telephone number                      | (JMN-CA) |
| 4607   | C 0216 | 36FXL sending 5 digit t/c                      | (RM-IL)  |
| 4633   | U 0220 | SS/OM with phonetic coded b/c                  | (RMH-NY) |
| 6725   | ? var. | ascending audio tones                          | (JMN-CA) |
| 7415   | C 0342 | B4GJ- with CQ mkr                              | (RM-IL)  |
| 8574   | C 0654 | HVR- QSX mkr                                   | (GLB-FL) |
| 10002  | C 2148 | W3L with CQ mkr                                | (RM-IL)  |
| 3277   | U 0120 | fishing fleet comms - Grey Whale/God Father    | (JDM-MN) |
| 6357A  | C 1355 | H6A21- V/DNA mkr                               | (RM-ID)  |
| 7780   | A 2115 | "footeaters" (probably IS for 4-digit numbers) | (JMN-CA) |

\*\*\*\*\*  
\*\*\*\*\* RADIOMET ENTYDE \*\*\*\*\*

|         |      |         |    |         |                    |               |             |             |           |
|---------|------|---------|----|---------|--------------------|---------------|-------------|-------------|-----------|
| 31,80.8 | 1454 | --      | -- | DHJ48-- | GG AF Ramstein     | FRG           | --          | RYS         | (JK--FRG) |
| 4007.0  | 0727 | --      | -- | MU29--  | Br. Army Dortmund  | ENG--         | clg         | mya         | (JK--FRG) |
| 4491.8  | 1650 | 50/170n | -- | TUNZ--  | Police Italy--     | to Moncalleri | (RWA--FRAN) |             |           |
| 4877.0  | 0720 | 50/170r | -- | Y7C81-- | GOR EMB Copenhagen | DEN--         | to Berlin   | (AM--UK)    |           |
| 5300.0  | 0510 | 75/850r | -- | IDR--   | Rome NAVRAD        | ITLY          | --          | NAVAAREAS   | (RM--LL)  |
| 5404.2  | var. | 50/850r | -- | IEB--   | NATO Verona        | ITLY--        | to DHJ37    | (AM--UK)    | (JK--FRG) |
| 5450.0  |      | 75/425r | -- | TANJUG  | Belgrade YUGO      | --            | SC/NIX      | (RWA--FRAN) |           |
| 5769.0  | 2340 | 50/425n | -- | BEJL1-- | Seville Police     | SPAN--        | msg         | to Madrid   | (AM--UK)  |
| 5789.0  | 1550 | 50/425r | -- | Equil-- | Palma De Mallorca  | SPAN          | to Valencia | (RWA--F)    |           |

USA.: 12718.6 C 0257 NMN- CG Portsmouth VA - CQ mkr (RG-KS)  
 12952.9 C 1845 WHH- Baltimore MD MARCO - 2 mkr (PAC-UK)  
 13113.2 U 2305 NMN- CG Portsmouth VA - WX b/c (JMN-CA)  
 13312 U 1723 Lookheed Flight Test - testing (RUR-KS)  
 13881 U 1834 KX2KEB- Ft. Lauderdale FL? wkg NOAA Miami &  
 CCG Point Hope (DLW-CT)  
 14455 U 2233 NASA Ames CA wkg NASA Topeka KS (JCD-CA)  
 19850 C 1535 WFK39- AP New York - GRA/MC mkr (RMA-IA)  
 \*\*\*\* CENTRAL AMERICA \*\*\*\*  
 COST: 4290 C 0650 TIM- Limon MARCO - CQ/QSX mkr (RM-IL)  
 PAN: 6577 U 0148 Panama Aero wkg Troff 75 ??? (NAP-AL)  
 8606.9 C 0348 HPN60 - Canal MARCO - CQ mkr (RG-KS)  
 \*\*\*\* CARIBBEAN \*\*\*\*  
 CUBA: 17165 C 0237 CIA- Havana MARCO - CQ mkr (ERN-NM)  
 MAR: 8479 C 2318 FUF- FF NAVRAD Ft.de France - V mkr (JB-PA)  
 13032 C 1650 FUF- FF NAVRAD Ft.de France - V mkr (RG-NY)  
 16961.4 C 2035 FUF- FF NAVRAD Ft.de France - V mkr (ERN-NM)  
 P.R.: 12700 C 2315 NMR- CG San Juan - MC mkr (JB-PA)  
 \*\*\*\* SOUTH AMERICA \*\*\*\*  
 ARG: 5882 L 0300 LRO31- Radio Rivadavia Feeder (JEB-CA)  
 13159.7 U 2325 General Pacheco MARCO - VM (JMN-CA)  
 BRZL: 5601 U 0023 Brasilia VOLMET (CC-DE)  
 16918 C 1929 PPJ- Junciao MARCO - V mkr (PAC-UK)  
 17161.9 C 0009 PPO- Olinda MARCO - V mkr (RG-KS)  
 CHIL: 4765a C 0644 CCS- Santiago NAVRAD - V mkr (BPS-CA)  
 8595.5 C var. CCS- Santiago NAVRAD - V mkr (RM-IL) (RMA-IA) (GLT)  
 COLO: 10096 U 2300 Bogota Aero wkg Maquetia Aero (CC-DE)  
 C var. HKB- Barranquilla MARCO - CQ/QSX (PAT-CA) (ERN-NM)  
 17004 A 0446 HD210A- SPTS Guayaquil (PAT-CA)  
 ECU: 7600 A 0446 Lima Aero wkg Santa Cruz Aero (CC-DE)  
 PERU: 10024 U 0006 Lima Aero wkg Santa Cruz Aero (CC-DE)  
 SUR: 10096 U 2218 Paramaribo Aero wkg Belem Aero (CC-DE)  
 URG: 8601.5 C 0050 CWA- Carrito MARCO - CQ mkr (GLT-NM)  
 16871.3 C var. CWA- Carrito MARCO - CQ mkr (RG-KS) (ERN-NM)  
 VENE: 6100 A 0725 VVTO- SPTS Caracas (?H-CA)  
 \*\*\*\* EUROPE \*\*\*\*  
 BEL: 1831 C 1635 OSN41- Oostende NAVRAD - V mkr (PAC-UK)  
 DEN: 8148 C 0332 OVG- Frederikshaven NAVRAD - V mkr (JAK-MV)  
 16920 C 1725 OXB81- Lyngby MARCO - CQ mkr (FUG-SOAF)  
 ENG.: 6407.7 C 1720 KKC- Portishead MARCO - DE mkr (RMA-FRAN)  
 C 1740 MTO- RN Forsyth - DE mkr (RMA-FRAN)  
 8559.7 C 0344 KGB6- Portishead MARCO - DE mkr (RG-KS)  
 9032 U 2330 RAF Upavon - aero WX b/c (CC-DE)

5791.0 1515 50/170n und ITLY -msg signed Collaspada (RMA-FRAN)  
 5818.5 0425 50/425n LMMW- Luga Metro MALTA- RYS/WX (RM-IL)  
 5926.5 1645 50/425r Guardia Gerona SPAN to Barcelona (RMA-FRAN)  
 5943.6 1630 50/375r PFR- FF AF Orleans FRAN- Le Brick (RMA-FRAN)  
 6675.0 1700 50/425n PDYA Amman JORD - EE/NX (RMA-FRAN)  
 6926.0 2355 50/170r 8BN- Medan Air INDO - DE mkr (AM-UK)  
 6935.5 2310 50/170n 8BB- Jakarta Air INDO - RYS (AM-UK)  
 6966.0 2328 50/425r FDY- FF AF Orleans FRAN- RYS (BLA-PA)  
 6992.8 2310 50/170r CVK69- AP Montevideo URGV- SS/NX (BLA-PA)  
 7355.0 2030 50/425n T2H- Banako Metro MALLI- RYS (JEB-CA)  
 7357.5 0640 50/850n CAK- Santiago Air CHIL - RYS (JEB-CA)  
 7402.5 1820 50/850r UMG3- Tokyo Metro JPN - WX (RM-IL)  
 7443.3 1830 50/850n NKG- USN Diego Garcia- clg Mauritius (AM-UK)  
 7512.0 1220 50/425n XVH69- Ho Chi Minh Metro VIET- RYS (JEB-CA)  
 7660.0 2355 50/425n XVT56- PTP Da Nang VIET- to Bangkok (AM-UK)  
 7690.0 2305 50/425n T4H- ASEANA Abidjan IVRY- RYS (AM-UK)  
 7959.8 2025 50/425n IRNA Tehran IRAN - EE/NX (FUG-SOAF)  
 8022.2 1805 50/375n AFP Paris FRAN - EE/NX (RMA-FRAN)  
 8110.0 2350 50/850r VTK55- Tucicorin NAVRAD INDI- to VTH24 (AM-UK)  
 8139.7 1855 50/425n RNN51- TASS Moscow USSR- RYS (FUG-SOAF)  
 8142.2 1928 50/425r OX4- CTK Prague CZEK - RYS (FUG-SOAF)  
 8177.0 1800 50/425r PAC38- PTP Beijing PRC - ??? (RMA-FRAN)  
 8346.5 0447 ARQ UUDH- OMIK SORRI- ttc to unid sta (RM-IL)  
 8349.5 0430 ARQ IDR- Rome NAVRAD ITLY- ttc to DNMH (RM-IL)  
 8592.0 0700 50/850n RKFIC- NATO Oeiras PORT- RYS (RM-IL)  
 8714.6 1725 TOR Portishead MARCO ENG - WX b/c (RMA-FRAN)  
 9074.4 1715 50/425n Y2J- DP Berlin GDR - to HMV56 (RMA-FRAN)  
 9192.2 0226 50/850n LAB- unknown - coded ttc to LAF (RM-IL)  
 9183.8 2340 50/425n TLO- ASEANA Bangui CAFR- RYS (AM-UK)  
 9207.1 1830 50/425n CVI92- AP Montevideo URGV- SS/NX (FUG-SOAF)  
 9285.0 2303 50/425n TNL52- ASEANA Brazzaville CONG- tests (AM-UK)  
 9395.0 1600 50/425n KCNA Pyongyang NOKO - EE/NX (RMA-FRAN)  
 9402.8 1700 50/425n ANSA Rome ITLY - RYS (RMA-FRAN)  
 9408.0 1842 50/425n SVA- ASEANA Niamay NIGE - WX (AM-UK)  
 10117.4 1936 50/425n VTH- Bombay NAVRAD INDI- RYS (FUG-SOAF)  
 10235.0 1745 50/850r TASS Moscow USSR - FT/NX (RMA-FRAN)  
 10298.2 1815 50/170n Bangkok Metro THAI - WX (RMA-FRAN)  
 10409.0 1430 50/850r 9VF- ANSA Singapore - RYS (RMA-FRAN)  
 10410.8 1610 50/850n ARB- Lahore Air PAKI - tests to ARA (AM-UK)  
 10602.3 1530 50/170r NAN Lagos NIGR - EE/NX (RMA-FRAN)  
 10763.0 1658 50/425n HMY56- PTP Pyongyang NOKO- clg Berlin (AM-UK)  
 10796.7 1530 50/475r ATA Tirana ALB - FT/NX (RMA-FRAN)  
 10959.0 0139 50/425r Reuters London ENG - EE/NX (JB-PA)  
 11114.5 0200 50/425r ETD3- Addis Ababa Air ETHO- RYS (JEB-CA)  
 11124.2 1650 50/425r DFS7?- CTK Hamburg FRG- EE/NX (FUG-SOAF)

ENG.: 11200.0 U 1730 MVU- West Drayton VOLMET (FUG-SOAF)  
 11142 C 2150 KGH59- USEMB London - GRA/OSX mkr (RMA-IA)  
 12770 C 0613 GRE- Portishead MARCO - DE mkr (RM-IL)  
 13085 C 1620 GXP- Portishead MARCO - DE mkr (FUG-SOAF)  
 13333 U 2251 London LDCC - Aero WX b/c (CC-DE)  
 FRAN: 4612.6 C 1640 FDF- FFAF Orleans - V mkr (RMA-FRAN)  
 5301 C 1556 FTV75- PTP Paris - V mkr (PAC-UK)  
 FRG.: 3370 U 0032 DFC32- MFA Frankfurt- CG/ML/M (IK-UK)  
 8437 C 0045 DFF- Frankfurt MARCO - V mkr (GLT-NM)  
 8768.5 U 0545 DAJ- Norddeich MARCO - P/P t/c (RM-IL)  
 12764 C 0128 DAM- Norddeich MARCO - V mkr (JB-PA)  
 12898.5 C 2020 DAN- Norddeich MARCO - V mkr (FUG-SOAF)  
 GIER: 22334.9 C 2214 GYU- Gibraltar NAVRAD - DE mkr (GLB-FL)  
 GREE: 8454.5 C 0350 SVG4- Athens MARCO - EE/WX b/c (RM-IL)  
 HOLL: 8562 C 0416 PCH40- Scheveningen MARCO - DE mkr (RM-IL)  
 17104.1 C 0004 PCH62- Scheveningen MARCO - DE mkr (RG-KS)  
 IRE: 5640 U var. Shannon VOLMET (ECW-VA)(CC-DE)  
 ITALY: 6390.5 C 1710 IQD3/4- Rome NAVRAD - DE mkr (RMA-FRAN)  
 8365.7 C 0330 IAR- Rome MARCO - ID mkr (RM-IL)  
 8669.9 C 0353 IAR- Rome MARCO - V mkr (RG-KS)  
 8685 C 0210 IRM- CIRM Rome MARCO - V mkr (RM-IL)  
 12898.5 C 0440 IQD6- Rome NAVRAD - ID mkr (RM-IL)  
 17085 C 1947 IQX- Trieste MARCO - V mkr (GLB-FL)  
 17105.1 C 0006 IRM- Rome MARCO - V mkr (RG-KS)  
 NOR.: 8683.5 C 0625 LFB- Rogaland MARCO - TLX mkr (RM-IL)  
 12961.5 C 0638 LFT- Rogaland MARCO - CQ/OSX/MC mkr (BRS-CA)  
 16928 C 0225 LGB- Rogaland MARCO - CQ mkr (RM-NM)  
 17223 C 0014 LGB- Rogaland MARCO - TLX mkr (RG-KS)  
 POL.: 12939 C 0616 SPB41- Szorecin MARCO - V mkr (GLB-FL)  
 13022 C 2223 SPB21/41- Szorecin MARCO - V mkr (GLB-FL)  
 SPAN: 1678 A 2030 EAC- Tarifa MARCO - SS/EE/OM WX (PAC-UK)  
 1698 A 2039 EAF- Finisterre/Vigo MARCO- Security b/c(PAC-UK)  
 6334a C 0043 33AME- Madrid NAVRAD - c/g 37UMA (MDC-NY)  
 6400.6 C 1715 EAD- Aranjuez MARCO - DE/MC mkr (RMA-FRAN)  
 6408.7 C 1725 EBA- Madrid NAVRAD - CQ mkr (RMA-FRAN)  
 8441 C 0512 33AME- Madrid NAVRAD c/g 37UMA (RM-IL)  
 8682 C 0520 33AME- Aranjuez MARCO - CQ/OSX/MC mkr (RM-IL)  
 13059 C 1625 EBA- Madrid NAVRAD - CQ mkr (FUG-SOAF)  
 17017.9 C 1952 EBA- Madrid NAVRAD - overdue ship b/c (RM-IL)  
 17065.3 C 1730 EDV- Aranjuez MARCO - DE mkr (RMA-FRAN)  
 19033.5 U 2210 EHV25- ENTEL Madrid - SS/VI t/c to?? (IK-UK)  
 22447 C 2157 EAD5- Aranjuez MARCO - CQ/OSX mkr (FRN-NM)  
 SWED: 8498 G var. SAG- Goteborg MARCO- CQ/t/c list (RM-IL)(JAK-WV)  
 SWIS: 6643 U 0405 Berne LDCC wkg TWA 708 & 974 (DS-OH)

50/425h BEG41- KINHUA Beijing PRG- RYS (FUG-SOAF)  
 EXT21- PRG EMB QTH ??- RYS (FUG-SOAF)  
 50/425h KCNA Pyongyang NOKO-RYS/FX/NK (BPS-CA) (FUG-SOAF)  
 50/425h 5HD29- Dar-es-Salaam Air TANZ- tests (AM-UK)  
 50/425r FDF- FF AF Orleans FRAN- RYS (JEB-CA)  
 50/170r KNY37- GDR EMB Wash DC- Olympics Boycott msg(RM)  
 50/850r 8BB35- Jakarta Metro INDO - WX (AM-UK)  
 50/850r 70C- Khomaksar Air Y.DR- WX (JEB-CA)  
 50/425r TZH- ASECNA Bamako MALI- RYS (AM-UK)  
 50/425r JANA Tripoli LYBA - EE/NK (RM-IL)  
 50/425r VOA Trainers MROC - EE/NK (JEB-PA)  
 15/425r VNI- Casey Base ANTA- WX (JK-FRG)  
 50/850r JAL82- KYODO Tokyo JPN- ORA/RYS (BPS-CA)  
 50/425r JMS- united JPN - RYS (JEB-CA)  
 TOR GHW- C.S. ALERT to Portishead (RMA-FRAN)  
 50/170h UPBE- MA 0061 - RYS to URB2 (JEB-CA)  
 50/170h UNKF- TURMALIN - RYS to UUY (JEB-CA)  
 50/170h LYCN- UKRAINSKII KONSOMOLETS RYS (JEB-CA)  
 50/170h EMW- NOVODRUSSK - t/c to Vladivostok (JEB-CA)  
 TOR LEIH- united ship to Norddeich MARCO (RMA-FRAN)  
 50/170h URQL- CHERNOE MORE - to Kalliningrad (JEB-CA)  
 50/170h UUMC- ORPEI - RYS (JEB-CA)  
 50/170h UYIJ- IVAN SHIGKIN - t/c to URB2 (JEB-CA)  
 50/170h USRV- MA 0064 - RYS to URB2 (RMA-IA)  
 50/170h UEPD- ANATOLII KHALIN- t/c to Sevastopol (JEB)  
 50/170h LXEG- RWS 7567 - RYS (JEB-CA)  
 50/170h URPF- KAPITAN PURGIN - RYS (JEB-CA)  
 50/170h ESOB- ULAN UDUY - wkg Odessa (JEB-CA)  
 50/170h UKVM- AKHILLEON - t/c to Kerch (JEB-CA)  
 50/170h USRM- MA 0013 - RYS to Muzansk (JEB-CA)  
 50/170h UIVZ- KOSMONAUT VLADIMIR VOLKOV- to UAT (JEB)  
 50/170h EDYW- ARABAT - t/c to URL (JEB-CA)  
 50/170h ULPH- PAVEL POSTYSHEV - RYS (JEB-CA)  
 50/170h UYIR- VALENTIN SEROV - t/c to URL (JEB-CA)  
 50/170h URRR- RTWS 7542 - RYS to URB2 (JEB-CA)  
 50/170h Egyptain EMB Jeddah SAUD- to Cairo (JK-FRG)  
 ----- WCC- Chatham MA MARCO USA- tests (BLA-PA)  
 TOR SWIL- AKRITAS to Athens MARCO (RMA-FRAN)  
 170 ARQ/170 NMF- USC Boston MA - EE/NK (BLA-PA)  
 50/425r Lyngby MARCO DEN - t/c list (RMA-FRAN)  
 50/425h HGK21- MFA Budapest HUNG - RYS (FUG-SOAF)  
 50/850r United Japanese Milista- coded WX (JCD-CA)  
 3R16- Bangon Metro PRC - WX (JEB-CA)  
 9RB336- AZAP Bukavu ZIRE- FF/NK (AM-UK)

## CONTRIBUTORS LIST:

APRIL 1983

Edited by Mark Koukol, P.O. Box 321, De Kalb, IL 60115

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Another good showing with 182 contributors. All sections were in for this month except Asia/Oceania.

Contributions including, wholly or in part, credit from last month are marked by an asterisk. Sections other than WH/EU/AF/AO/UT/Skeds/QSLs are credited directly by the membership chairman and do not appear here.

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|     |                    |        |            |    |                    |       |           |
|-----|--------------------|--------|------------|----|--------------------|-------|-----------|
| 3   | ADDISON, Joe       | KS     | R-600      | 1  | HOLBROOK, Hank     | MD    | HQ-129    |
| 1   | AKED, Roger        | FRANCE | NRD-515    | 1  | HORVITZ, Robert    | RI    | ?         |
| 1   | ALEXANDER, Brian   | PA     | R4/FRG7700 | 5  | HOSMER, Don        | MI    | RF-3100   |
| 1   | ALEXANDER, Rodney  | IA     | SPR-4      | 3  | HOTALING, Stan     | NV    | RF-2800   |
| 2   | ALEXANDER, Sam     | NC     | DX-302     | 6  | HOWARD, Roberta    | MO    | DX-302    |
| 1   | ANNIS, Bill        | IN     | SPR-4      | 1  | HOWARD, Ron        | CA    | SB-310    |
| 2   | BAIR, Mason        | CA     | IC-R70     | 1  | HUFFAKER, Carl     | MEX   | Homebrew  |
| 1   | BAXTER, Kirk       | KS     | ?          | 3  | JAMES, Tom         | FPONY | ICF7600A  |
| 1   | BEAL, Hobart       | WA     | R4C        | 5  | JOHNSON, Dan       | CA    | DX-302    |
| 5   | BERRI, Jason       | CA     | RF-2900    | 3  | JONES, Brian       | TX    | DX-302    |
| 2   | BLACK, Don         | MA     | IC-720A    | 1  | JONES, Jack        | MS    | R-600     |
| 1   | BREVILLE, Walt     | MO     | R-1000     | 1  | KANA, John         | GA    | ?         |
| 4   | BREWER, Don        | AR     | ICF-2004   | 2  | KANOPKA, Leon      | NY    | DX-300    |
| 1   | CAMPBELL, Bruce    | NY     | ?          | 1  | KAPINOS, John      | MA    | FRG-7     |
| 1   | CAMPBELL, Cornelia | DE     | NRD-515    | 1  | KERR, Ian          | UK    | ?         |
| 6   | CARD, Peter        | RI     | NRD-505    | 4* | KERRIGAN, Patrick  | IL    | R-1000    |
| 3   | CARLSON, Virgil    | WA     | SX-190     | 1  | KLINGENFUSS, Joerg | FRG   | R7/NRD515 |
| 1   | CASAVANT, Richard  | PQ     | DX-200     | 1  | KONEN, Mark        | WI    | IC-R70    |
| 1   | CEREGHIN, John     | MD     | DX-302     | 6  | KRIST, Kraig       | VA    | FRG-7700  |
| 1   | CHABAK, Mike       | AZ     | HQ-180     | 1  | KROLAK, Eugene     | MI    | FRG-7700  |
| 1   | CHINSKY, Mark      | NY     | RF-2600    | 2  | LANGLOIS, Harold   | GA    | NC-98     |
| 2   | CLAYTOR, Dave      | MI     | R-1000     | 1  | LEARY, Robert      | OH    | FRG-7700  |
| 1   | COLLINS, J.        | OR     | ?          | 1  | LEDFOORD, John     | NJ    | ?         |
| 1   | COMPTON, Ken       | MA     | ?          | 1  | LEITE, Steve       | MA    | HQ-180A   |
| 1   | CONWAY, Peter      | UK     | 51J4       | 3  | LEONARD, Mike      | ME    | R-1000    |
| 4   | COX, Jim           | CA     | R-600      | 1  | LEVIN, Jay         | NJ    | RF-2800   |
| 1   | CREAMER, John      | CO     | R-1000     | 1  | LEW, Scott         | CA    | ?         |
| 1   | CUNNINGHAM, Larry  | OH     | FRG-7700   | 1  | LINDLEY, Terry     | AL    | DX-300    |
| 1   | CURTIS, Robert     | VT     | SP-600     | 1  | LOBDELL, Chris     | MA    | FRG-7000  |
| 4   | D'ANGELO, Richard  | PA     | NC-190     | 4  | LORD, Earle        | CA    | FRG-7700  |
| 5   | DEMMITT, John      | PA     | Homebrew   | 4  | LUCAS, Richard     | CA    | R-1000    |
| 1   | DEVENDORF, Chris   | CA     | SPR-4      | 3  | MCCANTS, Don       | AL    | RF-2299   |
| 2   | DROLLINGER, Rick   | WI     | HQ-160     | 4  | MCKEON, Thomas     | IN    | ?         |
| 4   | DUNCAN, Gregory    | NC     | DX-302     | 2  | MCKINSTRY, Mike    | VA    | NRD-515   |
| 4   | EVANS, James       | TN     | RF-2200    | 3  | MANNING, Sandra    | NM    | FRG-7700  |
| 4   | FAMA, L.           | CA     | ICF-2001   | 4  | MATHEW, Abbie      | MA    | FRG-7700  |
| 3   | FAMULARO, Ralph    | NJ     | RF-2800    | 4  | MILLER, Bill       | CA    | DX-300    |
| 1   | FLANNAGAN, Melvin  | VA     | DX-302     | 2  | MILLER, John       | GA    | ?         |
| 1   | FLICK, Bob         | MO     | DX-300     | 1  | MOORE, Alex        | UK    | R7/DR7    |
| 4   | FORBES, Lew        | TX     | FRG-7      | 6  | MOORE, Michael     | TX    | DX-302    |
| 1   | FORREST, Frank     | CA     | DX-302     | 2  | MOSHIER, George    | CA    | ICF-2001  |
| 4   | FRASER, Robert     | MA     | XCR-30     | 3  | MOUNTAIN, Gerry    | BC    | FRG-7     |
| 3   | GONZALEZ, Fernando | NY     | FRG-7      | 1  | MUNSTER, Ralf      | GA    | DR-7      |
| 1   | GREENBAUER, Dan    | AZ     | RF-2800    | 4  | MUZYKA, William    | NY    | RF-4900   |
| 3   | GRIJALVA, Gabriel  | AZ     | SPR-4      | 1  | NEAL, Sam          | TX    | RBC5/75AY |
| 10* | GUNTER, John       | NC     | R-1000     | 1  | NIKOLICH, Mike     | IL    | HQ-180    |
| 2   | HALL, Stuart       | CA     | DX-300     | 4  | NORMAN, Ron        | DC    | IC-R70    |
| 3   | HARBELL, Rich      | IL     | RF-2900    | 1  | OSTERMAN, Fred     | OH    | NRD-515   |
| 5   | HARRIS, Mike       | OH     | DX-302     | 1  | PAGANO, Frank      | DC    | Racal     |
| 1   | HARTUNG, Jim       | MD     | DR-7       | 4  | PALMER, Bob        | WA    | IC-R70    |
| 4   | HARVEY, Sheldon    | PQ     | DX-160     | 4  | PARKS, Bill        | FL    | HRO-60    |
| 1   | HATTAN, Chris      | NZ     | ?          | 2  | PAUL, Don          | AZ    | FRG-7700  |
| 5   | HECHT, Bob         | PA     | RF-4900    | 2* | PETTENGILL, Roger  | ME    | NRD-515   |
| 1   | HEIN, Don          | PA     | ?          | 2* | PFEFFER, Morris    | NY    | RF-2200   |
| 4   | HENSLEY, Wayne     | TX     | RF-2600    | 1  | PHILIP, Joyce      | BC    | CRF-5100  |
| 6   | HESCH, Ruth        | NY     | R-1000     | 3  | PIATELLI, Mario    | CA    | IC-R70    |
| 3   | HILL, Elaine       | SC     | FRG-7700   | 1  | PIMBLETT, Nigel    | AB    | R-600     |



SWIS: 8709 C 0600 HEC- Berne MARCO - QRV mkr (RM-IL) 13752.0 var.  
20752 C 1457 HEC88- IIX Versoix - FF t/c to ?? (RM-IL) 13939.5 var.  
22567 C 1702 HEC- Berne MARCO - QRV mkr (GLB-FL) 13950.0 0435  
TURK: 6395.5 C 0141 TBA- Ankara NAVRAD - V mkr (GLB-FL) 13995.0 0152  
12801 C var. TAH- Istanbul MARCO - V/CQ mkr (PAC-UK) (GLB-FL) 14370.3 1859  
USSR: 9510 C 1630 UKK3- Nakhodka MARCO - DE mkr (BPS-CA) 14391.0 1929  
8535 C 0608 UKA- Vladivostok MARCO - CQ mkr (BPS-CA) 14442.0 2045  
8657.5 C 0408 ROW- Tashkent Metro - ID mkr (RM-IL) 14535.0 1450  
12175 L 1737 RCD34- Radio Moscow Feeder (IK-UK) 14548.0 0725  
12770 C 0624 URD- Leningrad MARCO - DE mkr (GLB-FL) 14619.0 var.  
12770 C 0605 URY- Moscow MARCO - ID mkr (RM-IL) 14630.4 var.  
12865 C 0851 UKK- Riga MARCO - DE mkr (PAC-UK) 14654.0 0705  
13054.5 C 2232 UJ07- Kiev MARCO c/g 41A (GLB-FL) 14679.0 0525  
13075.4 C 2238 UJF- Odessa MARCO - DE mkr (GLB-FL) 14720.0 1845  
13089 C 0713 UAY- Moscow MARCO - DE mkr (FUG-SOAF) 14738.2 1852  
13100.8 U 1646 UFI- Vladivostok MARCO wkg unid ship (BPS-CA) 14812.0 2244  
YUGO: 12780.5 C 0426 YUR- Rijeka MARCO - V/QSX mkr (RM-IL) 14825.0 1900  
14923.0 0717 50/var.  
14927.5 1430 50/425r  
14937.6 1753 50/425n  
14988.2 2340 50/425n  
15480.5 1020 50/425n  
15724.0 1940 50/425n  
15761.0 3300 75/425r  
15867.0 2325 75/425r  
15930.0 1705 50/425r  
15955.0 0328 50/850r  
15962.8 1620 50/425r  
15996.0 1530 50/425n  
16183.2 1050 50/425n  
16343.0 1335 50/425n  
16661.0 1730 ARQ/170  
16661.0 1600 TOR  
16662.5 1600 TOR  
16663.5 0215 50/170n  
16671.5 1811 ARQ/170  
16678.0 1015 TOR  
16681.0 1215 TOR  
16690.0 1615 TOR  
16701.0 1924 50/170n  
16706.0 2258 50/170n  
17103.0 1545 50/170n  
17117.6 var. 75/850r  
17139.2 1915 75/850r

\*\*\*\* AFRICA/MIDDLE EAST \*\*\*\*

ANGO: 8566.3 C 0110 D3E41- Luanda MARCO - CQ mkr (GLT-NN) 13402.6 C var.  
8694 C 0630 D3E50/51- Luanda MARCO - CQ/QSX mkr (RM-IL) 13042.6 C var.  
COMO: 20332 S 1425 D6B403- PTP Maroni - FF t/c to ?? (PAC-UK) 13042.6 C var.  
DJIB: 8682 C 1540 J2A8- Djibouti MARCO - CQ/QSX mkr (FUG-SOAF) 13042.6 C var.  
EGPT: 8579 C 0247 FUV- FF NAVRAD Djibouti - V mkr (GLB-FL) (RG-KS) 13042.6 C var.  
8845 U 2250 SUH- Alexandria MARCO - V mkr (GLB-FL) 13042.6 C var.  
ISRL: 8694.2 C 2010 4XO- Haifa NAVRAD - CQ/QSX mkr (FUG-SOAF) 13042.6 C var.  
LYBA: 8515 C 0625 SAT- Tripoli MARCO - V/CQ mkr (PAC-UK) 13042.6 C var.  
MADE: 8461 C 0105 CUB- Madeira MARCO - CQ mkr (GLT-NN) 13042.6 C var.  
MROC: 8686 C 0704 CNP- Casablanca MARCO - CQ/QSX mkr (RM-IL) 13042.6 C var.  
REUN: 8475.5 C var. FUX- FF NAVRAD Reunion - V mkr (GLT-NN) (FUG-SOAF) 13042.6 C var.  
13215.5 C 1359 FUX- FF NAVRAD Reunion - V mkr (GLT-NN) (FUG-SOAF) 13042.6 C var.  
SAUD: 16861 C 1354 HZG- Dammam MARCO - DE mkr (PAC-UK) 13042.6 C var.  
SENE: 13410 C 0252 6MW- Dakar NAVRAD - V mkr (RG-KS) 13042.6 C var.  
SOF: 3047.1 U 1850 Jan Smuts VOLMET (FUG-SOAF) 13042.6 C var.  
8471.8 C 2015 ZRQ4- Cape NAVRAD Simonstown - V mkr (FUG-SOAF) 13042.6 C var.  
8713 C 1415 ZSD- Durban MARCO - CQ mkr (GLT-NN) 13042.6 C var.  
9026.4 U 1855 Jan Smuts VOLMET (FUG-SOAF) 13042.6 C var.  
12722.5 C 1555 ZSC- Cape Town MARCO - CQ mkr (FUG-SOAF) 13042.6 C var.  
13028 C 1500 ZSD- Durban MARCO - CQ mkr (FUG-SOAF) 13042.6 C var.  
14805 U 0717 ZUD- PTP Ollifantsfontein wkg SANAE Base (FUG-SOAF) 13042.6 C var.  
14887 U 0641 ZUD- PTP Ollifantsfontein wkg Marion Is. (FUG-SOAF) 13042.6 C var.  
16300 U 0835 ZRS- Marion Island Metro wkg ZUD-apx 14887 (FUG) 13042.6 C var.  
SUDN: 11300 U 2346 Khartoum Aero wkg Speedbird 54 (DS-OH) 13042.6 C var.

HZJ- Jeddah Air SAUD- RYS (BLA-PA) (FUG-SOAF)  
ZEO66- PTP HONG- tests to Pyongyang (AM) (JEB)  
7A05- MFA Berlin GDR - RYS (JEB-CA)  
VOA Monrovia LIBE- FF/NX (BFB-NH)  
HZJ- Jeddah Air SAUD - 5M (FUG-SOAF)  
YBU- unid-t/c either to or from (JCD-CA)  
70C- Khormaksar Air Y.DR - RYS (BFB-NH)  
ZAV- ATA Tirana ALB - RYS (RMA-FRAN)  
JAL44- KYODO Tokyo JAPAN- EE/NX (JEB-CA)  
YTA59- ADN Berlin GDR- RYS (BLA-PA) (RMA-IL)  
ISX46- ANSA Rome ITALY- EE/FF/NX (PAC-UK) (RM-IL)  
FLSZ- unid sta - RYS to UP84 (JEB-CA)  
DFGZ - unid sta - coded t/c (JEB-CA)  
RKB58- TASS Moscow USSR- EE/NX (RM-IL)  
SUJ52- Cairo Metro EGPT- CQ mkr (PAC-UK)  
SS language into coded msg-unid (JCD-CA)  
Y2125- ADN Berlin GDR- SS/NX (RM-IL)  
BAP44- XINHUA Beijing PRC- EE/NX (BPS-CA)  
VFP4- PTP Hanoi VIET - QRA mkr (AM-UK)  
SUA- ASCNA Niamey NIGE- WX (AM-UK)  
TNI- ASECNA Brazzaville CONG- DE mkr (AM-UK)  
APN Algiers ALGE - EE/NX (RM-IL)  
ISX57- ANSA Rome ITALY - EE/NX (BLA-PA)  
MUD- British Gurkhas Dharan NEPL-tests (AM-UK)  
EXT9- PRC ENB QTH??- RYS (JEB-CA)  
RBI78- TASS Moscow USSR- FF/NX (RM-IL)  
3BT4- Plaisance Metro MAUR- RYS (JEB-CA)  
Y7A62- ADN/MFA Berlin GDR- RYS (FUG-SOAF)  
DPA Hamburg FRG - EE/NX (RMA-FRAN)  
F762- AFP Ft. de France MART-PP/NX (RM-IL)  
Y214- TANJUG Belgrade YUGO- EE/NX (RMA-IL)  
ELCM5- GULF GRAIN wkg GKE (RMA-IL)  
GYUA- BRITISH SECURITY to GKE (RMA-FRAN)  
ELBK- NORTHERN LYNX to LGB (RMA-FRAN)  
EMMD- PROLVIL VILKITSKO RYS to UA13 (JEB-CA)  
SVME- HELLSPOINT MONARCH wkg SVT6 (RMA-IL)  
DSLP- NS ALLIANCE to GKP (RMA-FRAN)  
SAMH- GARNATA to PCH (RMA-FRAN)  
3FU2- HOLSTEIN TRADER to DCF (RMA-FRAN)  
UPXO- BRATSTVO - wkg Odessa (RMA-IL)  
UBKS- SOKRAT RYS to UUY (JEB-CA)  
PETRENKO SIMONOV to Odessa (RMA-FRAN)  
PC3317- Gecore NAVRAD HOLL-RY/AC (RMA) (BLA)  
RETJ- Madrid NAVRAD SPAN - SS t/c (BLA-PA)



17395.0 var. 50/425n Y7A73- ADN/MFA Berlin GDR-RYS (RMA-IA) (RM-IL)  
 17395.0 1435 50/425n Y7A73- ADN/MFA Berlin GDR- CG/NX (AJD-NJ)  
 17400.0 2222 50/425f Y7A73- PTP Shanghai PRC - to CLN565 (RM-IL)  
 17453.0 var. 50/425f CLN565- PTP Havana CUBA- RYS (RMA-IA) (RM-IL)  
 17455.0 2153 50/425n HXK23- Paris Metro FRAN - WX (RM-IL)  
 17369.0 1950 50/500n Y7L36- GDR EMB Havana CUBA- RYS (RMA-IA)  
 17374.5 2027 50/425n Y7L36- GDR EMB Havana CUBA- to Mexico (RM-IL)  
 17380.0 2016 50/425n 3WA- TAP Tunis TUNI - FF/NX (RM-IL)  
 17380.0 2016 50/425n MFA Sofia BUL - NX to EMB (AM-UK)  
 17564.0 0725 50/425n ZVK- TASA Rio de Janeiro BRZL- RYS (RM-IL)  
 18188.5 2301 50/850r GMP- INTERPOL London ENG- to Delhi (AM-UK)  
 18190.0 1125 50/170n OMP- MFA Prague CZEK - to Luanda (AM-UK)  
 18319.3 0710 75/425n 9PZ- Kinshasha Air ZIRE - tests (AM-UK)  
 18363.5 1740 50/425r TELAM Buenos Aires ARGN - SS/NX (JEB-CA)  
 18420.5 2215 50/850n NER- UNO Balboa PAN - RY/SGS (JEB-CA)  
 18550.0 1900 75/850r ISX87- IANA Rome ITLY - EE/NX (AJD-NJ)  
 18675.0 1415 50/425n AXI- RAF- Melbourne AUST- FOXS (AM-UK)  
 18735.0 1455 50/850r SAM78- SWED EMB Tunis TUNI- to SAM (AM-UK)  
 18810.0 1055 75/425r SAM62- SWED EMB Beijing PRC- tfc (JAK-FRG)  
 18813.0 0717 ----- SWD7- MFA Delhi INDI - to Tehran (AM-UK)  
 19022.0 1043 50/425n BUL EMB Lisbon PORT - tfc to Sofia (AM-UK)  
 19022.5 1135 50/425n INDO EMB Bucharest ROM- to Jakarta (AM-UK)  
 19115.0 1040 50/425n 4UT- UNO Bangkok THAI - to Geneva (AM-UK)  
 19121.0 1055 75/425n LOR- Puerto Belgrano NAVRAD ARGN- to WFOJ (JEB)  
 19438.0 0045 50/425n Y7A80- MFA Berlin GDR- RY/SG/NX (FUG-SOAF) (RM-IL)  
 20019.8 var. 50/425n CNM91- MAP Rabat MROC - EE/NX (RM-IL)  
 20140.0 1234 50/425r ITLY EMB Cairo EGPT - to Rome (RMA-FRAN)  
 20161.5 1600 TOR  
 20187.5 1156 50/425n IYZ- IANA Rome ITLY - testing (RM-IL)  
 20204.0 var. 50/425r YR3- TANJUG Belgrade YUGO- FF/EE/NX (RMA-IA) (RM)  
 20412.0 1356 50/475n EMBACUBA Conakry GUYA- coded tfc (RM-IL)  
 20414.7 1715 50/425n CLP8- EMBACUBA Conakry GUYA- to Havana (AM-UK)  
 20473.0 0700 50/170n POL EMB New Delhi INDI- to Warsaw (AM-UK)  
 20601.0 1301 50/170r MKD- RAF Akrotiri CYPR - RYS (RM-IL)  
 20622.7 1838 75/425r SKM- Bogota NAVRAD COLO - clg OBC (AM-UK)  
 20757.0 0950 75/425n 5Y3- CZEK EMB Nairobi KEN- to Prague (AM-UK)  
 20786.0 1209 50/425r CNM92- MAP Rabat MROC - EE/NX (RM-IL)  
 20797.0 1125 75/170n SPB342- POL EMB Luanda ANGO- to Warsaw (AM-UK)  
 20804.6 0655 50/425n CLP9- EMBACUBA Aden YEMN- to Delhi/Havana (AM)  
 20925.0 1322 75/425r RHA46- APN Moscow USSR - PF/NX (RM-IL)  
 20952.0 0720 75/425r SAM55- SWED EMB Bangkok THAI- to SAM (AM-UK)  
 20960.0 1600 75/425r SWED EMB Managua NICA - to SAM (AM-UK)  
 20964.0 1103 75/425r SAM74- SWED EMB Monrovia LIBE- to SAM (AM-UK)  
 20964.6 1341 50/425r RKB74- TRASS Moscow USSR - FF/NX (RM-IL)  
 21852.0 1415 75/475r BXN52- PRC EMB QTH?? - ??? (RMA-FRAN)  
 22132.0 2340 75/850n YW11- Maracaibo NAVRAD VENE- wkg CXR (JEB-CA)

\*\*\* ASIA/PAR EAST \*\*\*  
 XSG- Shanghai MARCO - CQ mkr (RDG-AUST) (GLT-NM)  
 XSG- Shanghai MARCO - CQ/QSX mkr (BPS-CA)  
 XSG- Shanghai MARCO - CQ/QSX mkr (GLT-NM) (BPS-CA)  
 Jakarta Aero wkg Perth Aero (JDM-MN)  
 PKB- Ambodia MARCO - CQ mkr (PAC-UK)  
 JCK- Kobe MARCO - CQ mkr (RDG-AUST)  
 Tokyo Aero wkg United 710 (JMN-CA)  
 JDB- Nagasaki MARCO - CQ mkr (ERN-NM)  
 HLB- Seoul MARCO - CQ/QSX mkr (BPS-CA)  
 HLO- Seoul MARCO - CQ mkr (GLT-NM)  
 9MB- Penang NAVRAD - CQ mkr (RMA-FRAN)  
 Karachi VOLMET (CC-DE)  
 DZO- Manila (Bulacan) MARCO - CQ mkr (GLT-NM)  
 DZF- Manila (Bacoer ) MARCO - CQ mkr (GLT-NM)  
 DZF- Manila (Bacoer ) MARCO - CQ mkr (GLT-NM)  
 DZJ- Manila (Bulacan) MARCO - CQ mkr (GLT-NM)  
 DZG- Manila (Las Pinas) MARCO - CQ mkr (GLT-NM)  
 9VG56- Singapore MARCO - CQ mkr (GLT-NM)  
 9VC79- Singapore MARCO- CQ mkr (BPS-CA) (GLT-NM)  
 Singapore Aero wkg Flight 64 & 285 (CC-DE)  
 9VA43- Singapore VOLMET (JDM-MN)  
 XSX- Keelung MARCO - CQ mkr (GLT-NM)  
 XSW- Kaoshiung MARCO - CQ mkr (PAC-UK)  
 HSA2- Bangkok MARCO - CQ mkr (GLT-NM)

\*\*\* PACIFIC OCEAN \*\*\*  
 VJC- Broken Hill - R/T tfc with ?? (RDG-AUST)  
 VIT- Townsville MARCO - WX/tfc list (RDG-AUST)  
 VIX- Canberra NAVRAD - V mkr (RMA-FRAN)  
 VLS- Sydney VOLMET (PAT-CA)  
 VHP4- Canberra NAVRAD - V mkr (GLT-NM)  
 VIP93- Perth MARCO - V/QSX mkr (FUG-SOAF)  
 VIX- Canberra NAVRAD - V mkr (GLT-NM)  
 Radio Australia Feeder (ERN-NM)  
 VIS5- Sydney MARCO - V mkr (RM-IL) (RC-KS)  
 Sydney MARCO wkg KMI (JMN-CA)  
 National Science Foundation project wkg  
 NSF Wash DC (RLR-KS)  
 Nandi Aero wkg Honolulu aero (JDM-MN)  
 Nandi Aero wkg Flight 710 (CC-DE)  
 FUM- FF NAVRAD Papeete - V mkr (GLT-NM)  
 FUM- FF NAVRAD Papeete - V mkr (RC-KS) (AJD-NJ)  
 FUM- FF NAVRAD Papeete - V mkr (GLT-NM)  
 NMO- CG Honolulu wkg unld ships (RR-OH)

4349.1 C var. 4055 U 0741  
 8502 C 1614 4428.7 U 0755  
 17103.2 C var. 6428.6 C 1730  
 11396 U 1330 6680 U 0453  
 17182 C 1252 8478 C 1430  
 4332.5 C 1101 8597 C 1920  
 5626 U 0943 8678 C 1205  
 16877 C 0228 12289.7 U 0549  
 8484 C 1614 12952.5 C var.  
 8577 C 1400 13107 U 0438  
 11772.5 C 1700 13107 U 1600  
 11387 U 1148  
 8580 C 1220  
 8588 C 1110  
 8595.5 C 1215  
 8604.2 C 1225  
 12882 C 1645  
 8476 C 1405  
 8715 C var. 8942 U 1127  
 11387 U 1220  
 8445 C 1280  
 12864 C 0853  
 8686 C 1420

4055 U 0741  
 4428.7 U 0755  
 6428.6 C 1730  
 6680 U 0453  
 8478 C 1430  
 8597 C 1920  
 8678 C 1205  
 12289.7 U 0549  
 12952.5 C var.  
 13107 U 0438  
 13107 U 1600

5643 U 1211  
 8867 U 1136  
 8625 C 1425  
 12664.9 C var.  
 17380 C 1710  
 8290.3 ? 0445

HI... 8650 C 0835 NMO- CG Honolulu - V mkr (RM-IL)  
 8765.4 U var. NMO- CG Honolulu - WX B/c (JDM-MN) (BCW-VA)  
 12889.5 C 0502 NMO- CG Honolulu - V/QRU/QSW mkr (RM-IL)  
 13261 U var. Honolulu Aero wkg Flight 44,143,193 (CC-DE)  
 13354 U 2126 Honolulu Aero wkg g Bravo 167 (DD-DE)  
 NCAI: 4270 C var. FUJ- FF NAVRAD Noumea - V mkr (GLT-NM) (RDG-AUST)  
 8446.1 C 1230 FUJ- FF NAVRAD Noumea - V mkr (GLT-NM)  
 NZEL: 4277 C 0740 ZLB2- Avarua MARCO - QTC list (RDG-AUST)  
 8598.4 C 0717 ZLO- Iirangi NAVRAD - DE/QSX mkr (RM-IL)  
 17171 C var. ZLB- Avarua MARCO - DE/QSX mkr (GLB-FL) (ERN-NM)  
 22533 C 0248 ZLB7- Avarua MARCO - CQ/QSX mkr (BFS-CA)

# \*\*\* ANTARCTICA \*\*\*

16425 U 0915 ZRP- SANAE Base wkg ZUD- dpx 14805 kHz (FUG-SOAP)

# \*\*\*\* SHIPS \*\*\*\*

2366 U 1150 WZX8006- VIRGINIA SCANDS P/p via WOU (MDL-ME)  
 4991 U 0838 WRC7735- SEA LARK wkg WYP3286 KELLY SEA (BLA-PA)  
 5696 U 0015 NPCR- CGC DALLAS wkg CGC VIGILANT (BLA-PA)  
 5696 U var. large SAR op involving, CGC HAMILTON, DECISIVE,  
 CG 1435, USS WALNRIGHT, AV-TECH GIMMO (RWP-ME)  
 6200 U 2247 NRCB- CGC EAGLE wkg CG Portsmonth (RWP-ME)  
 6200 U 0652 NRPN- CGC IRONWOOD wkg CG Kodiak (BFS-CA)  
 6200 U 0624 WTEA- NOAA DISCOVERER wkg CG Kodiak (PAT-CA)  
 6200 U 0620 NWRW- CGC MIDGETT wkg NOJ & NWC (PAT-CA)  
 6220 U 2151 m/v INDEPENDENT wkg unid shore sta (TFS-NY)  
 6223 U 2203 fishing vessel CHARLIE wkg other fleet boats (TFS-NY)  
 6518.8U var. large SAR op including, CGC HAMILTON, DECISIVE,  
 SWEETGUM, DAUNTLESS, CG Miami, Gismo & m/v SEWARD  
 EXPLORER, USS WALNRIGHT (RWP-ME)

8366 C 0328 SYTF- ALIANKON LIGHT wkg Alexandria MARCO (RM-IL)  
 8390 C 0358 KAAH- SANAA MAGALENA wkg Callao MARCO (RM-IL)  
 11466a C 0042 RMSR- unid Soviet Warship wkg RIW (MDC-NY)  
 12330 U 0311 WYZ593- MOLLY ANN clg KMI (BFS-CA)  
 13415 U 2030 CAN NAVY FRASER & CANCG PRESERVER wkg CFH (DLW-CT)  
 14467 U 2340 NNNQZR- USS IA SALLE wkg NNNQARQ (MDC-NY)  
 16587.1U 1328 KAC- EXXON SAN FRANCISCO wkg KHT (RMA-LA)

# \*\*\*\* AIRCRAFT \*\*\*\*

5574 U var. UNITED 120/CLIPPER 83 wkg San Fran (BW-NE) (JDM-MN)  
 5574 U 1215 QUANTAS 11 wkg Honolulu (JDM-MN)  
 5597 U 0701 ALITALIA 567 clg Santa Maria (TFS-NY)  
 5628 U 1155 NORTHWEST 8 wkg Anchorage (JDM-MN)  
 5628 U 1310 JAPAN AIR 72 wkg Tokyo (BFS-CA)  
 5643 U 1147 QUANTAS 35 wkg Nandi (JDM-MN)  
 5643 U var. CONTINENTAL 2/QUANTAS 25 wkg Sydney (JDM-MN)

22209.0 1510 TOR ELBQ- SAINT MARY to GKP6 (RMA-FRAN)  
 22470.0 1932 75/850r 37UMA- Unid sta - tfg to RETO (RM-IL)  
 22571.2 1200 TOR HZG- Damman Metro SAUD - DE mkr (RMA-FRAN)  
 22592.0 0915 TOR ZSD- Durban MARCO SOAP - tfg list (RMA-FRAN)  
 22866.0 0945 50/425- 5YE8- Nairobi Metro KEN- RVS (PAC-UK)  
 23351.0 1230 50/850r ZRH- Cape NAVRAD SOAP to NAU (RMA-FRAN)  
 25027.0 1230 50/850r ZRH- Cape NAVRAD SOAP to NAU (RMA-FRAN)

# \*\*\* VLF/LW/MW \*\*\*

11.05 x 0103 OMEGA Station A - Norway - pulses (IK-UK)  
 11.05 x 0104 OMEGA Station B - Liberia - pulses (IK-UK)  
 11.05 x 0105 OMEGA Station F - Argentina - pulses (IK-UK)  
 12.65 x 0030 ALPHA Navigation pulses - USSR (IK-UK)  
 14.90 x 0032 ALPHA Navigation pulses - USSR (IK-UK)  
 194.0 A 1638 TUK- Nantucket RI - NDB & aero WX (TFS-NY)  
 216.0 A 0422 CLB- Carolina Beach NC - NDB (MDL-ME)  
 224.0 C 1644 IW- Laurel Airport, NY - NDB (TFS-NY)  
 233.0 C 1636 GD- LaGuardia Airport NY - NDB (TFS-NY)  
 254.0 C 1647 CAT- Chatham Airport, Morriston NJ - NDB (TFS-NY)  
 326.0 C 0426 FC- Fredericktown NB CAN - NDB (MDL-ME)  
 332.0 C 1650 LG- LaGuardia Airport NY - NDB (TFS-NY)  
 338.0 C 0432 CCM- Augusta ME - NDB (MDL-ME)  
 347.0 C 1655 PNJ- Patterson Airport, NJ NDB (TFS-NY)  
 353.0 C 0124 PB- Palm Beach Int'l FL - NDB (GLB-FL)  
 371.0 C 1657 JF- John F. Kennedy Int'l NY - NDB (TFS-NY)  
 379.0 A 1636 GU- Newark Airport, NJ - NDB & aero WX (TFS-NY)  
 385.0 C 1700 UR- LaGuardia Airport, NY - NDB (TFS-NY)  
 394.0 C 1702 MM- unid sta - NDB (TFS-NY)  
 396.6 C 0134 ZBB- Binini, Bahamas - NDB (GLB-FL)  
 402.0 C 1709 LO- unid sta NDB (TFS-NY)  
 415.0 C 1636 PR- Falmingdale Airport, NY - NDB (TFS-NY)  
 414.0 C 1710 OGV- unid sta - NDB (TFS-NY)  
 436.0 C 1636 WCC- Chatham MARCO MA - marine WX (TFS-NY)  
 1685.0 C 0516 MER- Mercaderes, COLO - NDB (MDL-ME)

# \*\*\*\* QSLs \*\*\*\*

BRZL: PFL- Belem MARCO - Ltr 95d 2 IRCs - 17170.5 kHz (AJD-NY)  
 CAN.: YGV- Harve St. Pierre QUE beacon- PFC 44d MS - 343 kHz (HH-MD)  
 DEN.: OXZ6- Lyndby MARCO - Ltr 12d 2 IRCs 12916.5 kHz (RDG-AUST)  
 HI.: NMO- USCG Honolulu - 2 ltrs (WH-CO)  
 HOLL: PCH60- Scheveningen MARCO - Ltr 20d IRC 16902.5 kHz (RMS-NY)  
 INDO: PKI- Jakarta MARCO - Ltr 76d IRC - 16861.7 kHz (PAC-UK)  
 ITALY: ICB- Genova MARCO - Ltr 26d IRC - 8649.5 kHz (RMS-NY)  
 JAPAN: JUY- SPTS Tokyo - Card 70d 8000 kHz (JLT-ALB)  
 LIBE: KKN44- USEMB Monrovia - PFC 15d MS - 11475 kHz (MDC-NY)

NETA: PJC- Curacao MARCO - Card 17d IRC - 13042.5 kHz (RMS-NY)  
 NCAL: FZO- Noumea NAVRAD - Ltr 27d 2 IRCs - 8646 kHz (RDC-AUST)  
 NZEL: UL04- Iriirangi NAVRAD - Card 24d IRC - 8598.4 kHz (RMS-NY)  
 SOAR: ZSC9- Capetown MARCO- Card 24d IRC - 12698 kHz (RMS-NY)  
 USA.: WNU3- Slidell MARCO- Card 26d MS - 8525 kHz (RMS-NY)  
 WOE- antana MARCO - PFC 19d IRC - 12970.5 kHz (PAC-UK)  
 WLO- Mobile MARCO - Ltr 43d IRC - 13078.5 kHz (PAC-UK)  
 WFN23- AP New York - Ltr 20d 23075 kHz (SB-CT)  
 USSR: RWM70- TASS Moscow - Ltr 36d ?? 19235 kHz (SB-CT)  
 YENB: VVTO- SFWs Caracas - Card 270d IRC - 6100 kHz (ECS-NA)  
 YIRG: WAH- St. Thomas MARCO- Card 13d MS 6515.7 kHz (RMS-NY)

SHIPS:

JUNE - ORKANGER - Ltr/Pic 25d MS 500 kHz (HH-MD)  
 H9IV - BALSA 2 - PFC 67d IRC 500 kHz (HH-MD)  
 WHML - EXXON BOSTON - Ltr/Pic 63d MS - 500 kHz (HH-MD)  
 LHVJ - HILCO SPRINT - PFC 61d XRP - 500 kHz (HH-MD)  
 NQSP - CGC VIGOROUS - PFC/Pic in 24d MS - 5692 kHz (RMS-NY)  
 KHRK - SEALAND VOYAGER - PFC 10d MS - 8294.2 kHz (RMS-NY)  
 NFGL - CGC INGHAM - PFC 07d MS - 6200 kHz (RMS-NY)  
 KPFL - PANAMA - PFC/Ltr in 22d MS - 12429.2 kHz (RMS-NY)  
 KIFG - OGDEN CHAMPTON - PFC 30d MS - 8360 kHz (HH-MD)  
 PIGU - VITREA - Ltr/Pic in 41d IRC - 8363 kHz (HH-MD)  
 GUNZ - LONDON GLORY - Ltr in 70d XRP - 8363 kHz (HH-MD)  
 LESS - SUNWARD 2 - Pic OSL in 95d IRC - 8370 kHz (HH-MD)  
 KMLD - OGDEN LEADER - Ltr 124d MS - 12345.5 kHz (HH-MD)  
 JXAG - SIBOSIX - PFC/Pic in 56d XRP - 4190 kHz (HH-MD)  
 PGNB - ONDINA - PFC/Pic in 27d IRC - 12540 kHz (HH-MD)  
 GYUT - OROYA - Ltr in 35d IRC - 8220 kHz (HH-MD)  
 JIZQ - AUSTRALIAN SEACRADER - PFC 21d IRC - 8373 kHz (HH-MD)  
 GFAN - LUMINETA - Ltr/Pic in 235d IRC - 16722 kHz (HH-MD)  
 LITA - NORWAY - PFC/Pic in 54d IRC - 8200 kHz (HH-MD)  
 K3WTK - PERGERIN- Card - HAM sta aboard 44 foot sailing sloop. This one is special for Hank. Of the 5 American University crew members, one is his daughter. Destination is the Greek Isles. (HH-MD)

\*\*\*\* A total of 50 utes reported in this month. You are:

(RMA-FRAN) Roger Aked  
 (BLA-PA) Brian Alexander  
 (RMA-IA) Rod Alexander  
 (AJA-VA) Al Arnold  
 (SB-CT) Sam Barto  
 (JEB-CA) Jason Berri  
 (BFB-NH) Bernie Biron

CLIPPER 15 & EMPRESS 301 wkg Honolulu (JDM-MN)  
 CG 1426 wkg CGAS Houston (DS-OH)  
 U 0223 CG 1471 wkg CG Portsmouth (BCW-VA)  
 U 0223 VARIG 832 wkg Panama Aero (CC-DE)  
 U 0223 LAN CHILE 145 wkg Lima Aero (CC-DE)  
 U 0108 IBERIA 982 wkg New York (JDM-MN)  
 U 0131 IBERIA 869 wkg New York (CC-DE)  
 U 0131 TWA 755 wkg Gander (JDM-MN)  
 U 1125 TRADE WINDS 24 wkg Gander (CC-DE)  
 U 0233 LIMA ZULU 175 wkg Niamey Aero (JDM-MN)  
 U 0233 MAC 50230/60208 wkg Honolulu (CC-DE)  
 U 0233 CONTINENTAL 55/ MAC 90023 wkg Honolulu (JDM-MN)  
 U 0218 AIR PORTUGAL??? wkg Luanda Aero (CC-DE)  
 U 0017 ZIMBABWE 124 wkg Brazzaville (RM-IL)  
 U 2242 AIRCIVAC 67956 wkg New York Aero (CC-DE)  
 U 0218 CLIPPER 98/UNITED 66 wkg New York (JDM-MN)  
 U 0103 CAYMAN AIRWAYS ??? wkg Panama Aero (CC-DE)  
 U 0218 AIRLIFT 60780/NORDAIR 331 wkg New York (CC-DE)  
 U 1744 CANMIL 425 wkg CANNIL Trenton (CC-DE)  
 U 0254 MAC 50265 wkg Scott AFB (CC-DE)  
 U 0430 EASTERN 010 wkg Lima (RWP-ME)  
 U 0231 LUFTTHANSA 691 wkg Frankfurt LDCO (RWP-ME)  
 U 1318 MAC 60154 wkg Croughton AB (CC-DE)  
 U 0113 MAC 37765 p/p Ramstein Metro via Incirlik (CC-DE)  
 U 1176 MAC 70466 wkg Elmendorf AFB (RWP-ME)  
 U 0007 MAC 90024 wkg Honolulu Aero (CC-DE)  
 U 1635 GARUDA 872 wkg Jakarta (BFS-CA)  
 U 0218 CLIPPER 219/MAC 00463 wkg New York (BFS-CA) (JDM-MN)  
 U 0218 TWA 709/741 & WARD AIR 819 wkg Gander (JDM-MN)  
 U 1823 PALM 201 wkg New York (CC-DE)  
 U 0015 ZIMBABWE 124 wkg Kinshasa Aero (RM-IL)  
 U 1300 AIR FRANCE 1347 wkg New York (JDM-MN)  
 U 2055 LC 90 wkg Lockheed Los Angeles (RLR-KS)  
 U 1324 LUFTTHANSA 690 c/g Perth Aero (JDM-MN)

\*\*\*\* TACTICAL \*\*\*\*

U 0418 TABLE TOP wkg TABLE TOP ALFA/BRAYO/CHARLIE (NAP-AL)  
 U 0633 TANGO 3 Kilo wkg STEREA 2 LIMA (BPS-CA)  
 U 0244 STYLAR wkg MacDill AFB (RWP-ME)  
 U 1215 ZULU 8 JULIET wkg CG San Francisco (JDM-MN)  
 L 1101 SAM 86971 wkg Andrews AFB (BW-NE)  
 L 1054 SAM 86971 p/p SAM COMMAND via Andrews (BW-NE)  
 L 1219 AIR FORCE 2 p/p Andrews Metro via Andrews (BW-NE)  
 U 0046 SAM 31681 wkg Andrews AFB (DS-OH)



6756.0 U 0156 TEST TUBE dfg Andrews AFB (RM-IL)  
 6760 L 0441 REMCO 46 wkg SPIN CAT (PTK-IL)  
 6870 L 0224 CAKE BAKE wkg FILMORE (RM-IL)  
 6989 U 0203 ACROBAT wkg KILGORE for FM coordination (MDC-NY)  
 7540 U 0102 ALFA FOXTRIT ALFA 5 wkg Loring AFB (CC-DE)  
 8634 U 1626 AZTEC CALENDAR & SHALLOW 5 wkg OPEN DOOR (RM-IL)  
 8651 U 1709 APPLE BARREL wkg STRAGGLER & TWIN BED (RM-IL)  
 8903 U 0913 SWAN 11 wkg Honolulu Aero (BPS-CA)  
 8972 U 0035 MIKE 7 VICTOR wkg 2 OSCAR DELTA (JMW-MN)  
 8973 U 1832 BIRD DOG with long test count (MSH-NC)  
 8989 U 0122 NEWSTIME wkg Elmendorf AFB (CC-DE)  
 8989 U 2358 SYRUP 93 wkg McClellan AFB (ELA-PA)  
 8989 U 1833 STAG 2909 p/p Pease AFB via MacDill (CC-DE)  
 8989 U 1941 STORK 12 p/p Discard via McClellan AFB (CC-DE)  
 9014 U 0150 HARDROCK 11 p/p via Scott AFB (DS-OH)  
 9018 U 2000 BOLAR x/c with Andrews AFB (CC-DE)  
 9023 U 0206 DRAGNET ALFA wkg SOLID GOLD (DS-OH)  
 9026 U 2115 AIR FORCE 2 p/p via Andrews AFB (BW-NE)  
 9120 L 0812 SAM 24130 wkg Andrews AFB (BW-NE)  
 11118 L 1839 SAM 86971 wkg Andrews AFB (RWP-ME)  
 11118 U 0034 SAM 31682 p/p COMM CENTER via Andrews (BW-NE)  
 11118 U 1326 TOSSE UP wkg EARMARK (CC-DE)  
 11176 U 1959 HAMMER OPS NORTH p/p via Albrook AB (CC-DE)  
 11176 L 0026 SAM 86970 p/p Brandywine via Andrews (CC-DE)  
 11176 L 1119 SAM 30502 wkg Andrews AFB (BW-NE)  
 11176 U 11176 DECENC p/p via Albrook AB (CC-DE)  
 11179 U 1358 TROCADERO wkg MacDill AFB (CC-DE)  
 11179 U 1950 NAVY 49674 p/p Bermuda Ops via MacDill (CC-DE)  
 11180 U 2229 CATTLE BOY wkg Andrews - dpx 13455 KHz (ELA-PA)  
 11180 L var. SAM 30501/AIR FORCE 2 wkg Andrews (DS-OH) (BW-NE)  
 11182 U 1300 LIFTER 61/WAR 46 - x/c with Scott AFB (JDM-MN)  
 11182 U var. HARDROCK 11/SWING 59 wkg Scott AFB (CC-DE)  
 11182 U 1613 SAM 24301 wkg Scott AFB (CC-DE)  
 11182 U 1514 NAVY LIVA MIKE 02 p/p via Scott AFB (CC-DE)  
 11182 U 1804 SENTRY 44 p/p Raymond 24 via Scott (CC-DE)  
 11214 U 1825 SENTRY 22/WATCH 07 wkg Raymond 24 (RM-IL)  
 11226 L 1211 SAM 31682 wkg Andrews AFB (BW-NE)  
 11239 U 2035 KING 29 wkg McClellan AFB (CC-DE)  
 11246 U var. CORY 15/KING 32 wkg MacDill (ELA-PA) (CC-DE)  
 11249 U 2223 CATTLE BOY wkg Andrews- dpx 13455 KHz (ELA-PA)  
 11249 L/U var. AIR FORCE ONE, SAM 86971, SAM 26000, CHECKMATE, RACHEDERO, CROWN & Andrews wkg each other (RWP-ME)  
 11249 L var. SAM 24126/SAM 86972 wkg Andrews (CJD-CA) (BW-NE)  
 11249 U 2023 SAM 31682 wkg Andrews AFB (BW-NE)  
 11261 U 1514 WHISKEY 2 HOTEL wkg QUEBEC 1 INDIA (JDM-MN)

(GLE-EL) Gary Bledsoe  
 (JE-PA) Joe Buday  
 (CC-DE) Cornelia Campbell  
 (MTC-AZ) editing only  
 (MDC-NY) Mark Chinsky  
 (PAC-UK) Peter Conway  
 (AUD-NU) Joe Delnet  
 (JCD-CA) Chris Devendorf  
 (RDG-AUST) Roger Gammon  
 (FC-NY) Fernando Gonzalez  
 (RG-KS) Rodney Grussling  
 (FUG-SOAF) Francois Jasot-Guillarmod  
 (2H-CA) ? Harada  
 (MSH-NC) Mike Harvester  
 (WH-CO) Wayne Heinen  
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 (DK-CA) David Keenan  
 (PTK-IL) Pat Kerrigan  
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 (MDL-ME) Mike Leonard  
 (RM-IL) Bob Margolis  
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 (JMN-CA) J. Michael Newicki  
 (NAP-AL) Neal Pertue  
 (RWP-ME) Roger Pettengill  
 (RUR-KS) Bob Rankin  
 (RH-OH) Robert Ruckman  
 (TFS-NY) Tom Sable  
 (BPS-CA) Bryan Sharpe  
 (ECS-WA) Ed Soome  
 (RMS-NY) Bob Streeter  
 (DS-OH) Daryll Sydnigton  
 (JUT-ALB) Joe Talbot  
 (GLT-NM) Glenn Thompson  
 (PAT-CA) Peggy Thompson  
 (BW-NE) Barry Ward  
 (JDM-MN) John Williams  
 (DLW-CT) Dave Willson  
 (BCW-WA) Bernie Wimmers

Publication..... Roger Gammon, our govn under ute, has compiled a 20 page booklet entitled, "Guide To DXing Utility Stations." This is in consort with the Southern Cross DX Club.

The booklet is a basic, quick look at the various aspects of utility monitoring, including a representative roster of loggings. Nothing for North American utes to get excited about, except that it is written from the Australian vantage point, regarding what is heard there. If any of you want to read about the Aussie slant to the ute world, it maybe worth the price.

Cost is \$4.00 US dollars.....

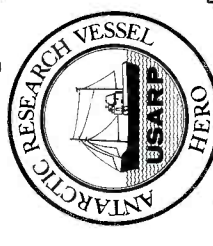
The booklet maybe obtained from:

Southern Cross DX Club  
G.P.O. Box 1487  
Adelaide, SA 5001  
AUSTRALIA

\*\*\*\* As of this writing, Speedx is still working on finding a replacement for this utility editor.

MC

## KC 4AAB/MM



ANTARCTIC RESEARCH VESSEL  
USARP  
HERO

|                  |          |
|------------------|----------|
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| SAT              | 06002    |
| ST               |          |
| FILE             | 14415    |
| WIDE             | Page     |

OPERATOR  
*James P. ... Radio Club ET.*

- 11267.0 U 1324 OSCAR 6 ECHO clg YANKEE 7 ECHO (JDW-MN)

11271 U 2320 GULL 23 wkg Lojies AB (RM-IL)

11407 U var. AIR FORCE ONE/SAM 26000 wkg Andrews (BW-NE)

13204 U 1758 AIR FORCE ONE/p Crown via Andrews (RWP-NE)

13210 U 1619 FLY BOY wkg MacDill APB (CC-DE)

13214 L 1152 SAM 27000 wkg Andrews AFB (EW-NE)

13215 L 1152 TACOM 01 p/p via Andrews AFB (CC-DE)

13216 U 1838 SAM 24201 p/p via Andrews AFB (BW-NE)

13247 U 1505 NAVY ROMEO YANKEE 276 wkg Gander Aero (JDW-MN)

13306 U 1333 AIR FORCE TWO p/p CHASE OHS via Andrews (BW-NE)

13440 L 2017 ROLLER DERRY z/c SKYTRAIN (RLR-KS)

13937 U 1647 QUAKER z/c with CYCLONE (RM-IL)

14894 U 1700 ARMY 22937/HARDROCK 11 wkg Scott AFB (CC-DE)

15015 U var. SAM 86972 p/p via Andrews AFB (DS-OH)

15048 L 2217 SAM 86971 p/p via Andrews AFB (BW-NE)

17480 L 1747 CHARLES 01 wkg Albrook AB (CC-DE)

18019 U 1854 SAM 24129 wkg Andrews AFB (BW-NE)

18118 U 1558 SAM 31682 wkg Andrews AFB (BW-NE)

20053 U 1910 GALWAY BASE wkg ANGEL (RWP-NE)

22723 U var. SAM 26000/AIR FORCE ONE wkg Andrews (BW-NE)

22723 U 1855 CHECKMATE clg AIR FORCE ONE (RWP-NE)

\*\*\*\* NUMBERS/BEACON \*\*\*\*

0000-11MAY-9074-A-SY-4d (RM-IL)

0009-17MAY-9231-C-XX-5d (RM-IL)

0030-17MAY-6840-C-XX-5a (RM-IL)

0040-18MAY-11108-U-GY-3/2d (RM-IL)

0100-18MAY-9224-A-SY-545 (RM-IL)

0100-12MAY-9074-A-SY-4d (RM-IL)

0100-11MAY-9222-A-SY-4d (RM-IL)

0134-11MAY-9244-U-SY-5d (RM-IL)

0159-19MAY-4670-A-SY-4d (RSH-NC)

0200-11MAY-5812-A-SY-4d (RM-IL)

0200-29MAY-4105-A-SY-5d (AJA-VA)

0203-22MAY-9325-U-GY-3/2d (RM-IL)

0223-14MAY-7375-C-XX-5a (RM-IL)

0223-11MAY-8418-A-SY-4d (JEP-CA)

0224-20MAY-10382-A-SY-5d (AJA-VA)

0225-27MAY-6803-A-SY-4d (JMN-CA)

0227-27MAY-10382-A-SY-5d (AJA-VA)

0230-11MAY-6840-A-SY-4d (RM-IL)

0230-13MAY-10382-A-SY-5d (AJA-VA)

0300-12MAY-7530-A-SY-5d (RM-IL)

0300-11MAY-7526-A-SY-5d (RM-IL)

0300-24MAY-7528-A-SY-5d (PAT-CA)

0310-28MAY-9265-A-EY-5d (AJA-VA)

0318-02MAY-7410-C-XX-5d (RM-IL)

0323-11MAY-6963-U-EY-3/2d (RM-IL)

0330-28MAY-6855-U-GY-5d (AJA-VA)

0330-29MAY-4054-A-SY-5d (AJA-VA)

0330-07MAY-7532-U-GY-3/2d (RM-IL)

0350-27MAY-6227-A-SY-5d (AJA-VA)

0355-20MAY-6227-A-SY-5d (AJA-VA)

0400-05MAY-7527-A-SY-5d (RM-IL)

0400-06MAY-6800-A-SY-4d (PAT-CA)

0401-11MAY-6227-A-SY-5d (AJA-VA)

0410-27MAY-6785-A-SY-5d (AJA-VA)

0425-06MAY-6785-A-SY-5d (AJA-VA)

0430-20MAY-6785-A-SY-5d (AJA-VA)

0450-13MAY-6890-A-SY-5d (AJA-VA)

0450-27MAY-6890-A-SY-5d (AJA-VA)

0454-06MAY-6890-A-SY-5d (AJA-VA)

0454-20MAY-6890-A-SY-5d (AJA-VA)

0500-28MAY-8872-A-SY-5d (AJA-VA)

0500-20MAY-5810-A-SY-4d (TFS-NY)

0500-23MAY-6800-A-SY-545 (PAT-CA)

0503-04MAY-6825-A-SY-5d (PAT-IL)



# CONTRIBUTORS LIST:

JULY 1984

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
354 N. WINSTON DRIVE, PALATINE, IL 60067 U.S.A.

TOTAL CONTRIBUTORS: 174

|                         |             |                        |             |
|-------------------------|-------------|------------------------|-------------|
| 2 ADAMS, ROBERT         | MA R2000    | 3 KNAPP, JEFF          | WV R2000    |
| 3 ADDISON, JOE          | KS R600     | 1 KOSUGIDA, SHINICHI   | JP R2000    |
| 1 AKED, ROGER           | FR NR0515   | 1 LABURGESS, KEN       | SK          |
| 2 ALEXANDER, BRIAN      | PA FRG7700  | 2 LANGLOIS, HAROLD     | GA          |
| 1 ALEXANDER, RODNEY     | IA IC-R70   | 1 LEARY, ROBERT        | OH FRG7700  |
| 1 ARNOLD, ALBERT        | VA          | 1 LEEMAN, JOSEPH       | ME          |
| 2 BARBER, HERB          | NY          | 1 LEITE, STEVE         | MA IC-R70   |
| 1 BARTO, SAM            | CT          | 1 LEONARD, MICHAEL     | ME          |
| 1 BELGHAUS, FRED        | NJ          | 1 LOBDELL, CHRIS       | MA          |
| 5 BERRI, JASON          | CA RF2900   | 3 LORD, EARLE          | CA FRG7700  |
| 3 BINGHAM, FRANK        | MA R7000    | 1 LORENZ, THOMAS       | IL FRG7700  |
| 4 BISHOP, FORREST       | NY RF4800   | 1 LOWE, DEREK          | NC          |
| 1 BLACK, DONALD         | NH IC-R70A  | 3 MACGIBBON, BRUCE     | OR          |
| 3 BLANCHETTE, MARIAN    | FL DX100    | 4 MACRIE, VIRGINIA     | NJ R2000    |
| 1 BLEDSOE, GARY         | FL DX302    | 1 MAHONEY, MICHAEL     | FL SPR4     |
| 4 BRADLEY, HERB         | MA DX302    | 1 MANN, CARL           | IA          |
| 3 BREWER, DON           | AR R1000    | 1 MARGOLIS, ROBERT     | IL          |
| 1 BRINDLEY, F.J.        | NJ          | 1 MATHEW, ABBIE        | MA FRG7700  |
| 2 BUDAY, JOE            | PA          | 3 MAY, RONALD          | OH IC-R70   |
| 1 BUENEMAN, ERIC        | MO          | 1 MENDEZ, LUIS         | NJ R1000    |
| 2 BYRON, LESLIE         | PA          | 3 MIYAUCHI, SATOSHI    | JP TS-430V  |
| 2 CACERES, MARCOS       | NY M7700K   | 1 MOORE, ALEX          | UK          |
| 1 CADY, GEORGE          | IL          | 1 MUNSTER, RALF        | GA R7/DR7   |
| 1 CAMPBELL, CORNELIA    | DE NR0515   | 2 MURPHY, S.           | MI          |
| 4 CARD, PETER           | RI NR0505   | 5 MUZYKA, WILLIAM      | NY          |
| 1 CARLSON, VIRGIL       | WA          | 1 McCANTS, DONALD      | AL RF2200   |
| 1 CHABAK, MIKE          | AZ          | 2 McDOWELL, JOHN       | IL ICF2001  |
| 6 CHICKERELL, LARRY     | WV DX400    | 5 MCKEON, THOMAS       | IN R1000    |
| 2 CHITUCK, BRUCE        | MD          | 2 MCKINNEY, LARRY      | PA R1000    |
| 3 CLAYTOR, DAVID        | OH R1000    | 4 NEUVERTH, MICHAEL    | CO          |
| 3 COLEMAN, ROBERT       | MA          | 3 NEWLON, EVAN         | NM R2000    |
| 1 CONWAY, PETER         | UK 51J-4    | 1 OHLINGER, DONALD     | CA RF3100   |
| 4 COOPER, ERIC          | CA ICF5900W | 1 PALMER, BOB          | WA          |
| 4 COX, JAMES            | CA          | 5 PARKS, WILLIAM       | FL HR060    |
| 4 CUNNINGHAM, LARRY     | OH          | 3 PERDUE, NEAL         | AL DRAKE 2- |
| 4 D'ANGELO, RICHARD     | PA NC190    | 1 POKATILOFF, RONALD   | IL          |
| 2 DANKO, LARRY          | NJ IC-R70   | 2 PRATH, JOHN          | FL FRG7000  |
| 1 DAVIDSON, JAMES       | TX DX200    | 4 PRESTON, BILL        | CA R600     |
| 1 DAVIDSON, KEVIN       | S           | 1 RADTKE, CARL         | OH SPR4     |
| 3 DECASSAN, FERDINAND   | AU IC-R70   | 1 RANKIN, ROBERT       | KS R7/DR7   |
| 4 DECKMAN, MIKE         | CA IC-R70   | 1 REEVES, DENNY        | TX          |
| 1 DEMMITT, JOHN         | PA HOMEBREW | 1 RENN, JIMMY          | WA DX100    |
| 6 DILLON, PETER         | DC DX400    | 4 ROBINSON, BETSY      | TN FRG7700  |
| 3 DUGUAY, RICK          | MA DX300    | 1 ROMBERG, BILL        | WI          |
| 1 DUNCAN, GREGORY       | NC          | 4 RUCKMAN, ROBERT      | OH          |
| 1 EATON, KEN            | WI          | 1 SABLE, THOMAS        | NY TS-430S  |
| 1 EVANS, JAMES          | TN R2000    | 1 SAMPSON, DANIEL      | WI DX300    |
| 1 FALBO, ANTHONY        | OR          | 1 SAMS, MITCH          | KS          |
| 3 FAMULARO, RALPH       | NJ RF2800   | 1 SCHMAUTZ, SCOTT      | NY          |
| 2 FISHER, ALLEN         | NM          | 3 SCHULSINGER, MICHAEL | OH FRG7     |
| 1 FLANNAGAN, MELVIN     | VA          | 1 SHARP, DAVID         | FL          |
| 3 FLEISCHAKER, TED      | KY ICF2001  | 2 SHARPE, BRYAN        | CA DX302    |
| 1 GAMMON, ROGER         | AU          | 2 SHEEDY, DAN          | CA IC-R70   |
| 3 GETZEL, ART           | NY          | 3 SHIMADA, SENSU       | JP FRG7700  |
| 1 GILLEY, RAY           | VA          | 4 SHREEDHAR, R.        | ID          |
| 4 GOLAB, MARK           | IL FRG7700  | 6 SOOMRE, EDWARD       | MA          |
| 2 GONZALEZ, FERNANDO    | NY          | 3 SPEER, RICHARD       | CA RF2900   |
| 2 GRAY, J. SPEED        | MI NR0515   | 4 STEPHENSON, NORMAN   | CA IC-R70   |
| 4 GROSVENOR, NORMAN     | CA FRG7     | 4 STINER, ROLAND       | NY FRG7000  |
| 1 GRUSSLING, RODNEY     | KS          | 1 STONE, WILFRED       | AB          |
| 1 GULLARMOD, FRANCOIS J | SA          | 1 STORJOHANN, WAYNE    | NY          |
| 1 GURLEY, TED           | TX R600     | 1 SWEDBERG, ERIC       | OR          |
| 5 HARADA, C.            | CA          | 3 SWINN, ROBERT        | CA FRG7700  |

|                      |             |                         |             |
|----------------------|-------------|-------------------------|-------------|
| 6 HARDESTER, MICHAEL | NC R1000    | 3 SZABO, PETER          | KS          |
| 1 HARRELL, RICHARD   | IL RF2900   | 3 TALBOT, JOE           | AB F1000    |
| 1 HARRINGTON, ROB    | CO          | 3 THOMPSON, GLENN       | NM FRG7     |
| 1 HARRINGTON, THOMAS | OH          | 7 THOMPSON, PEGGY       | CA          |
| 1 HARRIS, MICHAEL    | OH          | 2 THUNBERG, BOB         | PA R1000    |
| 1 HARTUNG, JAMES     | MD R7/DR7   | 1 TRAUTSCHOLD, JOHN     | IL SP600    |
| 1 HEIN, DONALD       | PA          | 1 TYLER, TIMOTHY        | MI R1000    |
| 5 HEINEN, WAYNE      | CO          | 5 UNRUH, DONALD         | HI FRG7     |
| 1 HENAULT, JOHN      | MA RF3100   | 1 VALENTINE, F.A.       | CA IC-R70   |
| 9 HESCH, RUTH        | NY R1000    | 1 VAN HORN, GAYLE       | TX RF3100   |
| 1 HETHERINGTON, FRED | FL          | 1 VAN HORN, LARRY       | TX RF3100   |
| 6 HEVERN, VINCENT    | NY IC-R70   | 1 VOCKEROTH, JOHN       | NJ          |
| 1 HOLBROOK, HANK     | MD HQ129    | 1 WAELTERMAN, JERRY     | MO RF4900   |
| 1 HOWARD, CLAYTON    | EC          | 1 WALTERS, JOHN         | NJ R1530    |
| 1 HUFFAKER, CARL     | MX HOMEBREW | 1 WEKEL, FRANK          | MI S-38E    |
| 2 HULL, DICK         | WA          | 1 WELCH, FRANK          | MA ICF6800W |
| 1 HUNT, KEN          | CA          | 1 WILLIAMS, JOHN        | MN          |
| 2 JOHNSON, DON       | CA          | 1 WILSON, DAVID         | CT          |
| 2 JONES, BRIAN       | TX IC-R70   | 1 WIMMERS, BERNIE       | VA          |
| 1 JONES, DAVID       | VA          | 5 WITTE, MARJORIE       | CA FRG7     |
| 5 KEENAN, DAVID      | CA          | 1 WOLOCH, G. MICHAEL    | PQ          |
| 2 KERRIGAN, GEORGE   | IL R1000    | 3 WOOD, RICHARD         | SA R1000    |
| 1 KLINGENFUSS, JOERG | FG NRD515   | 1 YOSHIMURA, KATSUTOSHI | JP IC-R70   |
| 7 KLOSOWSKI, LORI    | FL          | 2 ZILMER, ROBERT        | NM R1000    |

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:

WEST HEMIS/UTILITIES/QSLs/PGM PANORAMA

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:

UTILITIES/QSLs/DX MONTAGE

Hello fellow contributors. Well, we are finally getting settled in here in IL now, and things are beginning to return to normal. The computer has been checked out and is now working ok, so hopefully no more problems like last month. By the way, since we are all up to date now with this, notice that there are still quite a few contributors without a receiver listing! Come on, send them in! Especially you EDITORS! If your receiver is not listed this month, it is because we don't have it on file, so send them in. You do not have to send your receiver name directly to me, just include it with your contributions next month, whether you send them to Peggy or directly, and the editor will include that information in his list to me. LET'S FILL UP THIS LIST WITH EVERY RECEIVER NEXT MONTH!

Finally, might I once again welcome Tom Kephart, our new publisher, to the SPEEDX staff, and kudos on a fine job with last month's issue. Everything was a bit hectic with all of the changes around here, but Tom got it off and looking real good too! Good going Tom!!!

73 for now.....

John T.

**SPEEDX want ads...**

SEND ALL ADS TO:

David Sharp  
17602 Meadowbridge  
Lutz, FL 33549

FOR SALE: Panasonic RF 4900 w/dust cover, \$245. Info-Tech 200F RTTY Converter, \$950. Mizuho SX-59 Tunable Preselector, \$30. Mark Stumph, 369 Waldo Ave. #3, Pasadena, CA 91101, or call 818-577-2263.

FOR SALE: Autek QF-1A SSB/CW/AM Audio filter w/manual, \$25 postpaid, or even trade for Heathkit HD-1410 Electronic Keyer. Dave Claytor, 715 W. Chestnut St., #7, Oxford, OH 45056, or call 513-523-8441 After 2300 GMT (no collects)

HELP!!! Editor in need of good, preferably electric typewriter. State details and price on pc to David Sharp, 17602 Meadowbridge, Lutz, FL 33549-5576.

FOR SALE: McKay Dymek DR33C all wave receiver, 4 collins filters, hifi audio, digital to 100 Hz. Best SSB-AM radio! Like new, \$650 (list \$2200); Robot 70,80 SSTV (Ham TV) \$65; shipping xtra on items. Ronald Pokatiloff, 312-872-3633.

FOR SALE: Anyone with an Apple system and printer and a little programming knowledge may get a copy of a log report program from: Fr. Vincent Hevern, SJ, St. Ignatius Loyola Residence, 53 E. 83rd Street, NY, NY 10028, for the cost of p&h.

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**INSIDE THE JULY SPEEDX...**

**SPEEDX Spotlights:** David Sharp 2

**DX Montage:** David Sharp 3

**Tips and Topics:** Tom Kephart 6

**Program Panorama:** Woody Seymour 8

**Station Skeds:** Chris Lobbell 10

**SW&C Western Hemisphere:** John Cereghin 13

**Europe:** Daniel Sampson 20

**Africa:** Mark Konkol 27

**Asia/Oceania:** Bob Thunberg 32

**G&L Report:** Leon Kanopka 38

**Utility Scene:** Mike Chabak 45

**Contributors List:** John Trautschold 54

**SPEEDX Want Ads:** David Sharp 55

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