

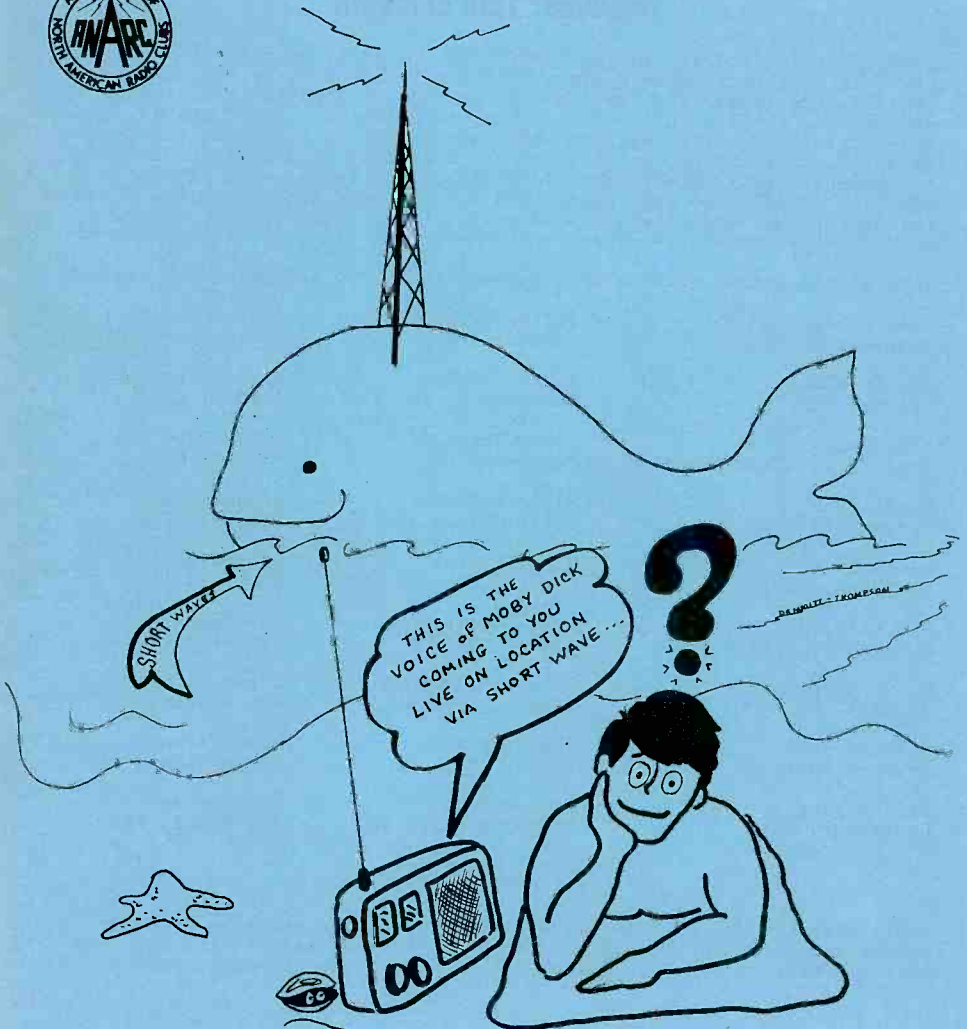
SPEEDY

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 FM List. Thanks for your understanding and cooperation, SPEEDXers.....

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

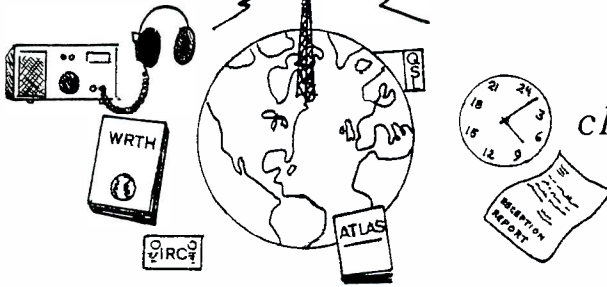
Ivan Robichaud Shippagan, CANADA	Walter Burbank Sarasota, FL	Graham Clarke W. Vancouver, CANADA
Tom Kirkland Austin, TX	Wayne Koehler Montgomery, IL	Michael Wegner Austin, TX
John Hudak Hamilton, CANADA	Louis Bernard Dunwoody, GA	Derek Lowe Durham, NC
Randy Noak Crown Point, IN	Mike Lendemer South Orange, NJ	Bruce Mesh Brooklyn, NY
Allen Wolf Van Nuys, CA	Mike Dickman Rialto, CA	Gary Crawford Kent, WA
P.W. Lampkin Downsview, CANADA	Basil Rerres Athens, GREECE	Joe Edge Alexandria, VA
R. Craig Bracken Spokane, WA	Pekka Kostianen 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*****

3

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 Hesch-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. Hmm, 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 ECB. 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 for 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 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.

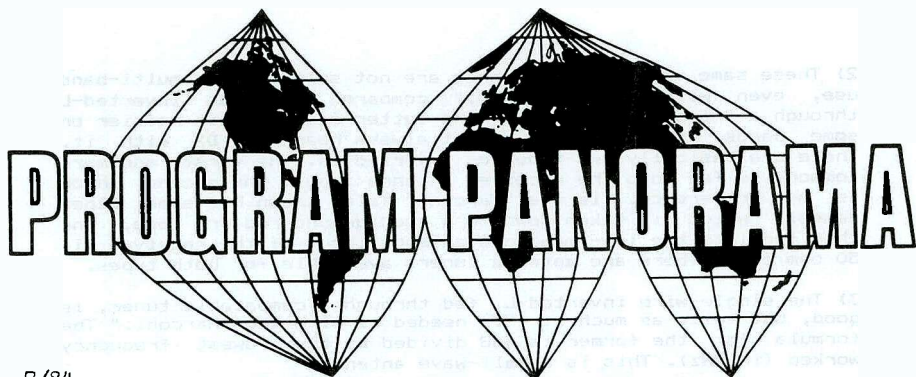
5) Wire. On any type of antenna the wire used should be of sufficient diameter to withstand local conditions. I recommend no less than #16 wire in moderate regions, and #14 up north. If possible, one continuous length should be used, to avoid solder connections which become brittle and are therefore 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



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

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

PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

STATION SKEDS

Editor:

CHRIS LOBDELL

P.O. Box 146

Stoneham, MA 02180

Deadline: 12th

EMISSIONS

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PROGRAMS

SERVIZIO

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. Chickerell)

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)

HUNGARY. Radio Budapest. This BBC MS sked is dated May 31st.
 0200-0230 6110, 6025, 9520, 9835, 11910, 12000 to North America
 0300-0315Ω 6025, 6110, 9520, 9835, 11910, 12000 to North America
 0300-0315Δ 6025, 6110, 9520, 9835, 11910, 12000 to North America
 0930-1000 9835, 11910, 15160, 15220, 17710, 21665 Australia/NZ
 1050-1120° 6025, 9585, 9835, 11910, 15160, 17710 to Europe
 1415-1430\$ 9835, 11910, 15160, 9585, 17710, 6025 to Europe
 1430-1500\$ 9835, 11910, 15160, 15220, 17710, 21665 to Asia
 1600-1630 6025, 7220, 9835, 11910, 12000, 15160 to Europe
 1800-1830\$ 6025, 7220, 9585, 9835, 11910, 12000 to Europe
 2000-2030 6025, 7220, 9585, 9835, 11910, 12000

Ω = Monday
 \$ = Tuesday, Friday
 Δ = Wed., Saturday
 ° = Monday thru Friday only
 \$ = not Sunday
 (BBC MS)

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

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 Jamahiriyah 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)

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)

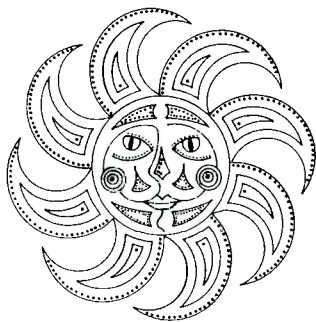
Well, that wraps up another issue of STATION SKEDS. Don't forget to write your first initial and last name on each sked. Cut your skeds apart and write on one side of the paper only.

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

Chris



SPEEDX Western Hemisphere

EDITOR: JOHN CEREGHIN WDX3IAO
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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 Cajamarca 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 ancmts and Dallads. 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 QRN 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 Tropicico, 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	Paititi Rdif. tuned into ID as "R. Paititi, 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 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 "...Bollivini...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/continuos 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 Hardester 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 Bagota mx
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 Nevia, CARACOL IDs, rock mx, TCs (333 5/19 Dillon
4975 2310 Ondas del Ortegaza, 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 Villavicentó, HJKW, 1140 khz, 5955 khz
onda corta, banda internacional de 49 metros. Emisora...a
la primera cadena radial colombiana, CARACOL, la gran
compañia" (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 (WVW 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
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 Bañal 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, mx, 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 Schmutz NY)+1

5026 0432 R. Splendit, px of background 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

5055 *0858 RFO, FF, s/on w/IS and ID (343 5/20 Huffaker MEX)
15180 0305 RFI Relay, FF/EE, FF til 0315 ID, mx 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
(252 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 00 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 L A S K A

- 11789 1815 KNLS, EE, ad for Bible course, Glenn Miller Lx (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 (Relej?) not traceable even with BFO (453 5/30 Hardester NC)(341, QSBing Chickerell WV)
- 6070 1555 CFRX, 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 CXFX Vancouver, EE, nx, mx, ID "AM Stereo WX 1130" (333 5/6 Falbo 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.

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 ROI, 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 RGT, 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! jppc

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
mexico" (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 friendly to Canadians who might be tuned in. Sounded like a carbon-copy of RHG. 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)

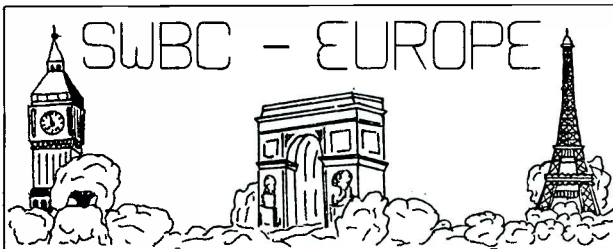
U N I T E D

S T A T E S

PA)(Blanchette FL)

5985 0125 VOFC via WYFR, EE, "Tops in Chinese Pops" (544 5/31 Dillon)
6035 0730 VOA, EE, mx (322 5/13 Falbo OR)
6130 0100 VOA, EE, wld mx, "New Horizons" (444 5/21 Dillon PA)
6185 0300 R. Earth via WRNO, EE, ad for WRTH and Practical Wireless magazine, ID (354 5/14 Keenan CA)(555 5/11 Szabo KS)(I understand that WRNO and R. Earth have had some friction in personality in regards to WRNOs relay. If we're not careful, you may not be able to hear REI over WRNO jc)
6190 0140 VOA, SS, tx abt deficit, ID "Desde Washington", big band mx (444 5/21 Dillon PA)
7355 0250 WRNO, EE, rock mx, WRNO DX T*Shirt Ad (what is it, a T-shirt woven of longwire or something? jc), switch to 6185 at 0300 for REI (444 6/2 Heinen CO)
9455 0030 VOA, EE, tx abt Harry Truman (433 5/6 Marcie NJ)
9515 0300 BBC Relay, EE, "News about Britian", 0330* (333 5/30 Dillon)
9615 0645 KGEL, SS, tx, ID, Americas mx (5/16 Kerrigan IL)
9852 0700 WYFR, EE, "Open Forum", why off 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 VOA, EE, px from the Grand Ole Opry (finally, some shows of quality! jc)(444 5/11 Langlois GA)
11805 1615 AERTS, EE, Indy 500, //9700 (444), 15330 (444 best).15430 (333)(444 5/27 Newlon NM)
11875 1613 WYFR, EE, letters from listeners (322 5/27 Newlon NM)
15145 0130 WINE, EE, relig mx and cmnty (444 5/29 Langlois GA)
15120 0820 UN Radio, EE, UN nx, dis of UNESCO, 0830* into FF (232 5/5 McKeon IN)
15330 1630 AERTS, 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 QRM (343 5/10 Duguay MA)
15335 1445 KGEL, SS, hymns, tx (333 5/26 Ruckman OH) +1
15410 2320 VOA, EE, semiclassical mx (whazzat? jc)(444 5/13 Addison KS)
15525 1430 WYFR, EE, "Echos" (443 5/5 Unruh HI) MA
15600 1930 VOA, EE, Music News, strong sig, but vavey (444 5/10 Duguay)
17765 0217 AERTS, EE, ABC nx, CBS nx, rock mx (333 5/26 Dillon NC)
17780 0225 VOA, SS, tx abt exporting bananas from Honduras (433 5/26 Dillon NC) Unruh HI
21485 1648 VOA, EE, "Nightline Africa", began to fade 1728 (343 5/5)
21220 2220 WYFR, 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!



SWBC - EUROPE

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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, Tadjik 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

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, //11985, 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 Gierek & 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 RP; EE Libyan & Czechoslovakia diplomats met & discussed anti-imperialist strategy (444 5/7 Stiner-NY)(Gray-MI)(Bingham-MA) /TN)
 7345 0444 RP; EE North American svce, nx, comtry (444 5/22 Shreedhar-India)
 11985 0100 RP; EE Nazi massacre in WWII & mx (444 6/6 Barber-NY)(Cooper-CA)(Gray-MI)
 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," "utiset"-nx (333 5/17 Wood-SA)
 17880 *1200 RF; Finnish IS, ID, utiset-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 Heiner-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 nx, 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 nx (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-CA)(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)(Helner-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, ISB 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 RL; 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, orchestrial 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 RB; EE NAM svce, IS, ID, nx, 7-Day Panorama, tlk about Romania, mx (333
5/28 Dillon-NC)
9750 2117 RB; EE ID, long statistical/production tlk (242 5/14 D'Angelo-PA)
11840 *0530 RB; EE nx, // 17790 (533 5/17 Wood-Saudi Arabia)
11940 0404 RB; EE nx, ID, Weekly News Review (333 6/3 Gray-MI)
15250 1300 RB; EE wld nx, comtry on arms race, mx, IS, 1329* (242 5/18 Dillon-PA)
15335 1503 RB; EE wld nx, tlk, to SE Asia, mixing w/QRN & QRM (pr 6/5 Famularo-NJ)
17850 *1500 RB; 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-CH)
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-CH)(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 Soomver-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, contry on South Africa, tlk on cruise missiles, accordian 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/FP 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, BEC 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 contry 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 contry, 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 RSP&P; 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-ME)

15485 1200 RM; EE tlk on care & cleaning of USSRs 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, contry (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 (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 &

WRTH unlisted FM), into NA, gd(5/13 Sheedy-CA) @0520 w/
drums, YL anc'r 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

- 75190 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?-MK

GABON

- 4810 0516 Africa #1; FF, YL anc'r w/fast beat Afr & EE pop & rock mx,
booming signal, 444(5/16 Hevern-NY)
- 11940 1845 Africa #1; FF, OM anc'r, lcl mx, nx @1900, ID's by OM & vo-
cal 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 over-
seas phone line, *0400 "Govorit 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, annmct 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 unintelli-
gible, 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

- 75308 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 QRN 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 rptrs)
 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-Sudaniyyah", 243(5/18 Dillon-PA)

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. ancd that from 5/14 it would start bcstng nx bulletins 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 xmntg until 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)

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.

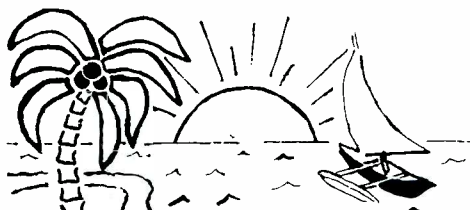
See you again in August--until then, good African DXing!

mark
WDX9JKV/WB9FKP

ASIA-OCEANIA

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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.

B A N G L A D E S H

15250 1730

R. Bangladesh

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

C H I N A

3940t 1225 PPBS-Hubei, Wuhan: CC: YL & OM w/tlks, mx at 1230(422 5/18 Berri-CA)
4380 1210 FPS-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. cmty (434 5/26 Berri-CA)
4975 1316 Fujian-Fuzhou: Amoy: YL tlk, CC mx; UTE QRM (poor 5/18 Famularo-CA)
5770 1235 FPS-2: Amoy: long tlk by OM; CC vcls at 1300; // 5170 & 4840 (fr-gd 5/12 Famularo-CA)
5900 1115 FPS-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 FPS-2: CC: tlks & poss. ID at 1130; lcl mx (333 5/20 Prath-FL)
7335 1215 CPBS-Beijing: CC: YL vcl mx; anctts 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/sked 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) Welcome back to "civilian life" Art. RBT
11600 0939 RB: EE: cmty on US involvement in CAM; nx (233 5/5 McKeon-IN)
1400 RB: EE: Asian Svc pgm on tourist spots in China(444 5/21 Shreedhar-India)
11650 1211 RB: EE: cmty 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/cnty; // 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 & cnty; 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

BBC Relay
 15420 1300 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

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

I N D O N E S I A

5215 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: YL w/tlk incl. ment. of Palu (444 5/25 Berri-CA)
 4755 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/tlk, ment. of Bandung; 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

VOIRI
 4990NF 1545 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

R. Baghdad; Sawt ul Jamaheer
 6100 1555 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 1555 RB: AA: OM w/tlk, 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

Kol Israel
 9440 *2300 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 & cnty(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* (353 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

NSB; NHK (R. Japan)
 6055 1330 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: cnty 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)
 17755 1850 RJ: JJ: mx & cmty (333 5/6 Addison-KS)
 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)
 17870 0210 RJ: JJ: ID "Nippon Hoso Kyokai"; Class mx on dulcimer(333 5/26 Dillon-
 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

Hashemite Kingdom Bcsting Svc

7155 2230 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

V. of the People of Kampuchea

9695 1205 VOIK: 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 9622; //
 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-
 5965 1404 RTM: Malay: tlk of Kuching University; Malay mx; soft drink(?) ad; nx
 by YL named Hasnahbinti Addullah (fair 6/5 Sharpe-CA)
 6025t 1503 RTM: CC: gamelan-style mx; brief tlk by YL; flute mx; no ID hrd (fr-pr
 5/13 Famularo-CA)
 7295 1215 RTM: EE: discussion by YL & OM; ragtime mx; ID into unid lang at 1230
 (fair 5/21 Famularo-CA)
 1530 RTM: EE: nx, IDs; NA w/chorus different from that hrd on 4835 (444 5/14
 Miyauchi-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-
 4950 1205 RTM Sarawak: CC: vcl & instl mx; suddenly off at 1248(454 5/23 Thomp-
 son-NM) at 1334 in EE w/spts, ID, cmty, pop mx (pr-fr 5/12 Famularo-CA)
 4970 1350 RTM Sabah:Malay; EE western vcls; YL tlk; UTE QRM de 4975 (poor 5/12
 Famularo-CA)
 5030 1357 RTM Sarawak: Bidayuh(listed): electric blues guitar mx; YL w/ID; OM
 w/nx (fr-gd 5/12 Famularo-CA)
 7160 1330 RTM Sarawak: EE: EZL mx; ID "RTM Malaysia-Kuching(fr 5/21 Famularo-CA)

N E P A L

R. Nepal

9590 1404 RN: Nepali/EE: OM tlk in Nepali; EE ID at 1410; wx rpt; mx (343 5/22 Shimada-JP)

P A K I S T A N

R. Pakistan

9465 1800 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)

P H I L I P P I N E S

VOA; FEBC; R. Veritas; AFRTS

6110 1130 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: relg pgm w/EE hymns (342 5/13 Cooper-CA)
 9760 1300 VOA: EE: "Newslines", 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; relg 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)

Q A T A R

Qatar Besting Svc

17910 1324 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)

M O N G O L I A

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 anncnt, then NA; ID, orch mx into nx by OM; oriental vcl mx alternating w/cmty by YL; weak but clear; f/out by 1231 (222 5/26 Cunningham-OH)

S A U D I A R A B I A

BSKSA

9870 1900 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)

S I N G A P O R E

Singapore Besting Corp; BBC

5052 1335 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)

S R I L A N K A

SLBC; VOA

India)

6075 1400 SLBC: EE: test xmen of Asian Svc; also 6005 at 0100(544 5/21 Shreedhar-India)
 9645 1326 VOA: EE: "Newslines" & "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)

T A I W A N

VOFC; BCC

5980 0115 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 Taipei"; 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 5/50 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 ARFSR: RR: orch & vcl mx; some anncts(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 receipt. 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/mnts 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 Jamhuriyyat 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
VLM4-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-FL)
 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 anncd 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 Neuerth-CO)(253 5/3 Hesck-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 nx, 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, 2OM w/tlk & ID (fair 5/28 Famularo-NJ)
 17715 0140 RA: EE: wld nx; 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/sked & 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 Limer; comedy pgm; quote at end of pgm
 by Limer: "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 anncr 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 anncr 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!

Boby

QSL REPORT

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ANNEE MONDIALE DES
COMMUNICATIONS
WORLD COMMUNICATIONS
AÑO 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).

CAMEROON-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 (Hardester-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 (Miyachi-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 (Hardester-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-Miyachi). 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-^{CT}).

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-RSL-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^{VA}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). "Jeepney" 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-VLH11-11800, 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 B.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). TWR-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 13½mos 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.

73 Hon
N2
EKL

We checked your report of June 20th 1951
and thank you for it. It was found correct.
You have been listening on 1180Kc 27,28m

to our broadcast for
NORTH AMERICA

The Confederation of
Switzerland

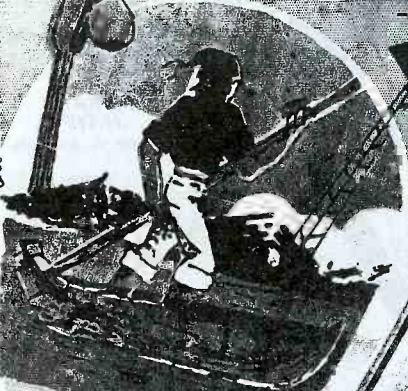
The Swiss Shortwave Service
23 Neugasse, Berne
Switzerland

Yours reports and
suggestions are always
welcome.

TNX GIBSON-CA

Radio

LOBDEL-MR



EMISORAS

JESUS DEL GRAN PODER



WIKIPS-CO

Ondas DEL

TERRA



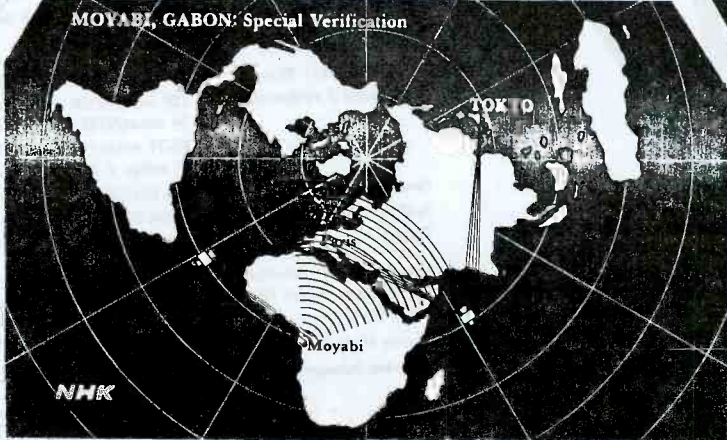
VOZ QUE LLEGA AL CORAZON DEL PUEBLO

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

QUITO

Radio Japan via Africa No.1

MOYABI, GABON: Special Verification



NHK

RADIO NACIONAL



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 100w.

RADIO-DAKAR 21 Jan 58

Monsieur,

Nous vous remercions cordialement
du compte-rendu d'écoute que vous
nous avez adressé le : 14. Janv.

Jour : 14. 1. 58

heure : 6h 30 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.

RADIO REPUBLIK INDONESIA
STASIUN REGIONAL I DILI
TIMOR TIMUR
INDONESIA



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,
tab, 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 tehnik -
RRI Dili sbb :

RRI Dili - Call Sign	: Stasiun RRI Dili / YDVI
Meter band / frekwensi	: 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 :
(Station Manager),

Kepala Siaran
(Head Program)

(PAUL J. AMALO RA.)

HARRY A. SILALANI

UTILITY SCENE

EDITOR: MIKE CHABAK
6171 E. Bellevue #19
Tucson, AZ 85712

AM RTTY USB ISB
LSB CW FAX A3H

COLUMN
COVERAGE
0-30 MHz
H.F.

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.....

DEADLINE: 12th Day of the Month
R- radioteletype, S- single side band, U- upper side band, 3-A-3H...
X-MSN MOSES: A-am, G-continuous wave (CW)... F-facsimile... I-independent side band... L-lower side band... M-modulated CW...
R- radioteletype, S- single side band, U- upper side band, 3-A-3H...

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

- *** NORTH AMERICA ***
- BER.: 12709.2 C var. VRT- Hamilton MARCO - V/9SX mkr (BPS-CA) (JB-PA)
 - CAN.: 4268 C 1040 KFN- CANMIL Vancouver - V mkr (RDG-AUST)
 - 5096.9 C 0402 CFH- CANMIL Halifax - NANS b/c (RG-KS)
 - 6753 U 0436 CHR- CANMIL Trenton - aero WX (PAT-CA)
 - 13971 U 2015 KFB982- CFARS QTH?? wkg VV9V Golan Heights (DLW-CT)
 - MEX.: 12790 C 0035 XFF- Coatzacoalos MARCO - CQ mkr (GLT-NM)
 - USA.: 2450 U 1142 WOU- Boston MAROP - NFM/WX b/c (MDL-ME)
 - 2506 U 0428 WOU- Boston MAROP - NFM b/c (MDL-ME)
 - 2566 U 1139 WOU- Boston MAROP - NFM b/c (MDL-ME)
 - 2670 U 0440 NMF- CG Boston - NFM/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 LCJK Starward (MDL-ME)
 - 4415 U 1106 WOO- Ocean Gate MARCO - WX/tfc list (MDL-ME)
 - 4582 U 0033 Middle East 42 (CAP-regional) wkg M.E.21 (RCW-VA)
 - 4781 C 0531 WGY912- FEMA Mt. Weather - 5 ltr msg (RM-IL)
 - 4791 C 0646 WGY912- 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 WV INMAR - wkg Roger Jewel (NAP-AL)
 - 6604 U 0608 WSV70- 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 (JB-IL)
 - 8712 C 0103 WLO- Mobile AL MARCO - DE mkr (JB-PA)
 - 8728.2 U 0600 XMI- San Francisco MARCO - WX b/c (RM-IL)
 - 8743.7 U 0103 XMI- San Francisco MARCO - tfc list (JDM-MN)
 - 9007 L 1448 APF3- Andrews AFB MD c/w SAM 86971 (BM-NE)
 - 11194 U 1725 Lockheed Flight Test wkg unid sta (RLR-KS)
 - 11448 C 1550 KNY37- GDR EMB Wash DC- GRA mkr into RTTY (RM-IL)
 - 12706 C 2325 WLO- Mobile AL MARCO - WX b/c (JB-PA)

- 0510-27MAY-4055-A-SY-5d (AJA-VA)
 - 0515-07MAY-8419-A-SY-4d (RM-IL)
 - 0518-27MAY-8057-A-SY-5d (AJA-VA)
 - 0519-06MAY-8057-A-SY-5d (AJA-VA)
 - 0519-28MAY-7527-A-SY-5d (AJA-VA)
 - 0521-20MAY-8050-A-SY-5d (AJA-VA)
 - 0522-13MAY-8057-A-SY-5d (AJA-VA)
 - 0535-????-4050-A-SY-5d (JMN-CA)
 - 0537-20MAY-4055-A-SY-5d (AJA-VA)
 - 0559-20MAY-8050-A-SY-5d (AJA-VA)
 - 4055+0 C 1030Wk" beacon (RDG-AUST)
 - 15655+6 C 0200 "U" beacon (RM-IL)
 - 17016+8 C 2233 "D" beacon (GLB-FL)
- **** UNIDENTIFIED ****
- 3455.0 A var. cordless telephone harmonic- aka 3460/19312 (DLK-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 B46J- with CQ mkr (RM-IL)
 - 8574 C 0654 HYR- 9SX mkr (GLB-FL)
 - 10002 C 0148 W3L with CQ mkr (RM-IL)
 - 13277 U 0120 fishing fleet comms - Grey Whale/Good Father (JDM-MN)
 - 16357A C 1355 H6A21- V/GRA mkr (RWA-IA)
 - 17780 A 2115 "footsteps" (probably IS for 4-digit numbers)(JMN-CA)
- **** RUMBLETYPE ****
- 3180.8 1454 -- -- DHU48- GG AF Ramstein FRG - Rvs (JK-FRG)
 - 4007.0 0727 -- -- MUX2- Br. Army Dortmund ENG- c/wg MUY (JK-FRG)
 - 4491.8 1650 50/170n Turin Police ITLY- to Moncalieri (RWA-FRAN)
 - 4877.0 0720 50/170n Y7C81- GDR EMB Copenhagen DEN- to BeXlin (AM-UK)
 - 5300.0 0510 75/850r IDR- Rome NAVRAD ITLY - NAVAREAS (RM-IL)
 - 5404.2 var. 50/850r IBB- NATO Verona ITLY - to DHU37 (AM-UK) (JK-FRG)
 - 5450.0 ---- 75/425x TANJUG Belgrade YUGO - SC/NY (RWA-FRAN)
 - 5760.0 2340 50/425n E9J11- Seville Police SPAN- msg to Madrid (AM-UK)
 - 5789.0 1550 50/425r Guardia Paloma de Mallorca SPAN to Valencia (RWA-F)

5791.0 1515 50/170h unid ITLY -msg signed Collaspada (RMA-FRAN)
 5818.5 0425 50/425h 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 PFDY- FF AF Orleans FRAN- Le Brick (RMA-FRAN)
 6675.0 1700 50/425h PFDY- Annan JORD - EE/NX (RMA-FRAN)
 6926.0 2355 50/170r 8BN- Medan Air INDO - DE mkr (AM-UK)
 6935.5 2310 50/170h 8BB- Jakarta Air INDO - RYS (AM-UK)
 6966.0 2328 50/425r PFDY- FF AF Orleans FRAN- RYS (BLA-PA)
 6992.8 2310 50/170r CVK69- AP Montevideo URGY- SS/NX (BLA-PA)
 7357.5 0640 50/850h TGH- Banako Metro MALLI- RYS (FUG-SOAF)
 7402.5 1820 50/850r KAK- Santiago Air CHIL - RYS (JEB-CA)
 7443.3 1830 50/850h JMG3- Tokyo Metro JPN - WX (RM-IL)
 7512.0 1220 50/425h XVH69- Ho Chi Minh Metro VIET- RYS (JEB-CA)
 7660.0 2355 50/425h XVT90- PTP Da Nang VIET- to Bangkok (AM-UK)
 7690.0 2305 50/425h TUH- ASEANA Abdjan IVRY- RYS (AM-UK)
 7959.8 2025 50/425h IRNA Tehran IRAN - EE/NX (FUG-SOAF)
 8022.2 1805 50/375h AFP Paris FRAN - EE/WX (RMA-FRAN)
 8110.0 2350 50/850r VTK55- Tuticorin NAVRAD INDI- to VTH24 (AM-UK)
 8139.7 1855 50/425h RNN51- TASS Moscow USSR- RYS (FUG-SOAF)
 8142.2 1928 50/425r OLX4- CTK Prague CZEK - RYS (FUG-SOAF)
 8177.0 1800 50/425r RAC38- PTP Beijing PRC - ??? (RMA-FRAN)
 8346.5 0447 ARQ UDH- OMIK SORRI- tlc to unid sta (RM-IL)
 8349.5 0430 ARQ IDR- Rome NAVRAD ITLY- tlc to DNHM (RM-IL)
 8592.0 0700 50/850h RAXFI- NATO Oeiras PORT- RYS (RM-IL)
 8714.6 1725 TOR Portishead MARCO ENG - WX b/c (RMA-FRAN)
 9074.4 1715 50/425h YZJ- DP Berlin GDR - to HMV56 (RMA-FRAN)
 9192.2 0226 50/850h LAB- unknown - coded tlc to LAF (RM-IL)
 9183.8 2340 50/425h TLO- ASEANA Bangui CAFR- RYS (AM-UK)
 9207.1 1830 50/425h CVI92- AP Montevideo URGY- SS/NX (FUG-SOAF)
 9285.0 2303 50/425h TNL52- ASEANA Brazzaville CONG- tests (AM-UK)
 9395.0 1600 50/425r KONA Pyongyang NOKO - EE/NX (RMA-FRAN)
 9402.8 1700 50/425r ANSA Rome ITLY - RYS (RMA-FRAN)
 9848.0 1842 50/425h 5VA- ASEANA Niamey NIGE - WX (AM-UK)
 10117.4 1836 50/425h VTH- Bombay NAVRAD INDI- RYS (FUG-SOAF)
 10235.0 1745 50/850r TASS Moscow USSR - FT/NX (RMA-FRAN)
 10298.2 1815 50/170h Bangkok Metro THAI - WX (RMA-FRAN)
 10409.0 1430 50/850r 9VF- ANSA Singapore - RYS (RMA-FRAN)
 10410.8 1610 50/850h ARB- Lahore Air PAKI - tests to ARA (AM-UK)
 10602.3 1530 50/170r NAN Lagos NIGR - EE/NX (RMA-FRAN)
 10763.0 1658 50/425h HMY56- PTP Pyongyang NOKO- clg Berlin (AM-UK)
 10796.7 1530 50/475r ATA Tirana ALB - FF/NX (RMA-FRAN)
 10959.0 0139 50/425r Reuters London ENG - EE/NX (JEB-PA)
 11114.5 0200 50/425r ETD3- Addis Ababa Air ETHO- RYS (JEB-CA)
 11124.2 1650 50/425r DPF3?- DFA Hamburg FRG- EE/NX (FUG-SOAF)

USA.: 12718.6 C 0257 NMN- CG Portsmouth VA - CQ mkr (RG-KS)
 12952.9 C 1845 WHH- Baltimore MD MARCO - ? mkr (PAC-UK)
 13113.2 U 2305 NMN- CG Portsmouth VA - WX b/c (JMN-CA)
 13312 U 1723 Lockheed Flight Test - testing (RLR-KS)
 13881 U 1834 KX2KE- Ft. Lauderdale FL? wkg NOAA Miami & CG Point Hope (DLW-CT)
 14455 U 2233 NASA Ames CA wkg NASA Topoka KS (JCD-CA)
 19850 C 1535 WFK39- AP New York - 9RA/MC mkr (RMA-IA)
 **** CENTRAL AMERICA ****
 COST: 4290 C 0650 TJM- Limon MARCO - CQ/QSX mkr (RM-IL)
 PAN: 6577 U 0148 Panama Aero wkg Troff 75 ??? (NAP-AL)
 8606.9 C 0348 HFN6Ø - Canal MARCO - CQ mkr (RG-KS)
 **** CARIBBEAN ****
 CUBA: 17165 C 0237 CLA- Havana MARCO - CQ mkr (ERN-NM)
 MARI: 8479 C 2318 FUF- FF NAVRAD Ft. de France - V mkr (JEB-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 (JEB-PA)
 **** SOUTH AMERICA ****
 ARGN: 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 PFI- 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 (BFS-CA)
 8595.5 C var. CCS- Santiago NAVRAD - V mkr (RM-IL) (RMA-IA) (GLT)
 COLO: 10096 U 2300 Bogota Aero wkg Maiquetia Aero (CC-DE)
 C var. HKB- Barranquilla MARCO- CQ/QSX (PAT-CA) (ERN-NM)
 17004 A 0446 HD210A- SFTS Guayaquil (PAT-CA)
 PERU: 10024 U 0006 Lima Aero wkg Santa Cruz Aero (CC-DE)
 SUR: 10096 U 2218 Paramaribo Aero wkg Bellem Aero (CC-DE)
 URG: 8601.5 C 0050 CWA- Carrizo MARCO - CQ mkr (GLT-NM)
 16871.3 C var. CWA- Carrizo MARCO - CQ mkr (RG-KS) (ERN-NM)
 VENE: 6100 A 0725 VVTO- SFTS Caracas (?-CA)
 **** EUROPE ****
 BELG: 1831 C 1635 OSN41- Oostende NAVRAD - V mkr (PAC-UK)
 DEN: 8148 C 0332 OVG- Frederikshavn NAVRAD- V mkr (JAK-NV)
 16920 C 1725 OXZ81- Lyngby MARCO - CQ mkr (FUG-SOAF)
 ENG.: 6407.7 C 1720 KKC- Portishead MARCO - DE mkr (RMA-FRAN)
 6446 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)

ENG.: 11200.0 U 1730 MVU- West Drayton VOLMET (FJG-SOAF)
 11142 C 2150 KRH59- USEMB London - GRE/ØSX mkr (RMA-IA)
 12770 C 0613 GKA- Portishead MARCO - DE mkr (RM-IL)
 13085 C 1620 GXP- Portishead MARCO - DE mkr (FJG-SOAF)
 13333 U 2251 London LDCC - Aero WX b/c (CC-DE)
 FRAN: 4612.6 C 1640 FDY- FFAF Orleans - V mkr (RMA-FRAN)
 5301 C 1556 FIT75- PTP Paris - V mkr (PAC-UK)
 FRG.: 3370 U 0032 DFC32- MFA Frankfurt- GG/ML/MH (IK-UK)
 8437 C 0045 DFF- Frankfurt MARCO - V mkr (GLT-NN)
 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 (FJG-SOAF)
 GLBR: 22334.9 C 2214 GYU- Gibraltar NAVRAD - DE mkr (GLB-FL)
 GRE: 8454.5 C 0315 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)
 6390.5 C 1710 IDØ3/4- 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- CIEM Rome MARCO - V mkr (RM-IL)
 12889.5 C 0440 IQØ6- 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 0623 LFB- Rogaland MARCO - TLX mkr (RM-IL)
 12961.5 C 02628 LFT- Rogaland MARCO - CØ/ØSX/MC mkr (BPS-CA)
 16928 C 0225 LGB- Rogaland MARCO - CØ mkr (RM-NN)
 17223 C 0014 LGB- Rogaland MARCO - TLX mkr (RG-KS)
 POL.: 12939 C 0616 SFE41- Szorecin MARCO - V mkr (GLB-FL)
 13022 C 2223 SFE21/41- 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 - cly 370MA (MDC-NY)
 6400.6 C 1715 EAD- Aranjuez MARCO - DE/MC mkr (RMA-FRAN)
 6408.7 C 1725 EBA- Madrid NAVRAD - CØ mkr (RMA-FRAN)
 8441 C 2120 33AME- Madrid NAVRAD cly 370MA (RM-IL)
 8682 C 0532 EAD3- Aranjuez MARCO - CØ/ØSX/MC mkr (RM-IL)
 13059 C 1625 EBA- Madrid NAVRAD - CØ mkr (FJG-SOAF)
 17017.9 C 1952 EBA- Madrid NAVRAD - overdue ship b/c (RM-IL)
 17065.3 C 1730 EDØ- Aranjuez MARCO - DE mkr (RMA-FRAN)
 19033.5 U 2210 EHV25- ENTEL Madrid - SS/YL t/c to? (IK-UK)
 22447 C 2157 EAD5- Aranjuez MARCO - CØ/ØSX mkr (FRN-NM)
 8498 G var. SAC- Goteborg MARCO- CØ/t/c list (RM-IL) (ØRK-NV)
 SWED: 6643 U 0405 Berne LDCC wkg TWA 708 & 974 (DS-OH)

11132.9 1711
 11216.8 1625
 11229.8 var.
 11424.8 1600
 11444.0 0415
 11448.0 1602
 11500.3 1555
 11514.0 2300
 11515.0 2340
 12186.0 1810
 12224.0 0105
 12255.0 0305
 12275.0 0605
 12294.5 2245
 12492.0 1145
 12500.5 0158
 12501.5 0158
 12505.0 0005
 12505.5 0510
 12506.0 1640
 12506.5 0030
 12515.0 0045
 12515.0 0030
 12515.5 0130
 12522.0 2312
 12522.0 0025
 12522.0 0015
 12524.0 0002
 12524.5 0010
 12525.0 0025
 12525.0 2310
 12525.0 0510
 12525.0 0045
 13077.5 1726
 13081.5 2048
 13082.5 1337
 13083.0 1930
 13093.7 1220
 13376.8 1640
 13395.0 0743
 13398.0 1820
 13689.8 1605

50/425n BZG41- XINHUA Beijing PRG- RYS (FJG-SOAF)
 50/425n EKT21- PRG EMB ØTH ?- RYS (FJG-SOAF)
 50/425n KCNA Pyongyang NOKO-RYS/FF/NX(BPS-CA) (FJG-SOAF)
 50/850r SHD2Ø- Dar-es-Salaam Air TANZ- tests (AM-UK)
 50/425r FØY- FF AF Orleans FRAN- RYS (JEB-CA)
 50/170r KNY37- GDR EMB Wash DC- Olympics Boycott msg(RM)
 50/850n 8BB35- Jakarta Metro INDO - WX (AM-UK)
 50/850r 70C- Khomarsar Air Y.DR- WX (JEB-CA)
 50/425r TØZ- ASECNA Bamako MALLI- RYS (AM-UK)
 50/425r JANA Tripoli LYBA - EE/NX (RM-IL)
 50/425r VOA Tringlers MROC - EE/NX (JEB-PA)
 15/425n VNG- Casey Base ANTA- WX (JK-FRG)
 50/850r JML82- KYODO Tokyo JPN- ØRA/RYS (BPS-CA)
 50/425r JMS- unid JAPAN RYS (JEB-CA)
 TOR GØW- C.S. ALERT to Portishead (RMA-FRAN)
 50/170n UPBE- MA 0061 - RYS to URØ2 (JEB-CA)
 50/170n UNKF- TURMALIN - RYS to UØY (JEB-CA)
 50/170n LYCN- UKRALINSKII KOMSOLETYS RYS (JEB-CA)
 50/170n EMW- NOVODRUINSK - t/c to Vladivostok (JEB-CA)
 TOR LEIØ- unid ship to Norddeich MARCO (RMA-FRAN)
 50/170n URØL- CHERNOE MORE - to Kallingrad (JEB-CA)
 50/170n UUMC- ORPEI - RYS (JEB-CA)
 50/170n ØYIJ- IVAN SHIGKIN - t/c to URØ2 (JEB-CA)
 50/170n USRV- MA 0064 - RYS to URØ2 (RMA-IA)
 50/170n UØDØ- ANATOLII KHALIN - t/c to Sevastopol (JEB)
 50/170n LVEG- RWMS 7567 - RYS (JEB-CA)
 50/170n ØRPØ- KAPITAN PURGIN - RYS (JEB-CA)
 50/170n ESØB- ULMAN ØDYU - wkg Odessa (JEB-CA)
 50/170n ØYØM- AKHILLEON - t/c to Kerch (JEB-CA)
 50/170n USRM- MØ 0013 - RYS to Muzmansk (JEB-CA)
 50/170n ØYVZ- KOSMONAUT VLADIMIR VOLKOV- to DAT (JEB)
 50/170n ØDØW- ARABAT - t/c to URL (JEB-CA)
 50/170n ØLØP- PAVEL POSTYSHEV - RYS (JEB-CA)
 50/170n ØYIØ- VALENTIN SEROV - t/c to URL (JEB-CA)
 50/170n ØRRR- RTMS 7542 - RYS to URØ2 (JEB-CA)
 50/170n ØYØY- Egyptain EMB Jeddah SAUD- to Cairo (ØK-FRG)
 FØØ WCC- Chatham MA MARCO USA- tests (BLA-PA)
 TOR SWIØ- UKRITAS to Athens MARCO (RMA-FRAN)
 AØØ/170 NMF- ØCSG Boston MA - EE/NX (BLA-PA)
 FEC Lyngby MARCO DEN - t/c list (RMA-FRAN)
 50/425n HØK21- MFA Budapest HUNG - RYS (FJG-SOAF)
 50/850r unid Japanese Milsta- coded WX (JØD-CA)
 50/425r 3RJ6- Bangon Metro PRC - WX (JEB-CA)
 50/425n 9ØR336- AZAP Bukavu ZIRE- FF/NX (AM-UK)

SWIS:	8709	C	0600	HEC- Berne MARCO - QRV mkr (RM-IL)	13752.0 var.	50/425n	HZ1- Jeddah Air SAUD- RYS (BLA-PA) (FUG-SOAF)
	20752	C	1457	HEC88- IRX Versoix - FF tfc to ?? (RM-IL)	13939.5 var.	50/425r	ZO666- PTP HONG- tests to Pyongyang(AM) (JEB)
	22567	C	1702	HEC- Berne MARCO - QRV mkr (GLB-FL)	13950.0 0435	50/425r	ZY755- MFA Berlin GDR - RYS (JEB-CA)
TURK:	6395.5	C	0141	TBA- Ankara NAVRAD - V mkr (GLB-FL)	13995.0 0152	75/425-	VOA Monrovia LIBE- FF/NX (BFB-NH)
	12801	C	var.	TAH- Istanbul MARCO - V/CQ mkr (PAC-UK) (GLB-FL)	14370.3 1859	50/425r	HZ1- Jeddah Air SAUD - 5HM (FUG-SOAF)
USSR:	8510	C	1630	UKK3- Nakhodka MARCO - DE mkr (BFS-CA)	14391.0 1929	50/500n	YBU- unid-tfc either to or from (JCD-CA)
	8535	C	1608	UKA- Vladivostok MARCO - CQ mkr (BFS-CA)	14442.0 2045	50/850r	ZAV- Khorramshahr Air Y.DR - RYS (BFB-NH)
	8657.5	C	0408	ROM- Tashkent Metro - ID mkr (RM-IL)	14535.0 1450	50/450n	ZOV- ATO Tirana ALB - RYS (RMA-FRAN)
	12175	L	1737	RCB34- Radio Moscow Feeder (IK-UK)	14548.0 0725	50/850r	JAL44- KYODO Tokyo JAPAN- EE/NX (JEB-CA)
	12693	C	0624	URD- Leningrad MARCO - DE mkr (GLB-FL)	14619.0 var.	50/425n	Y7A59- ADN Berlin GDR- RYS (BLA-PA) (RMA-IA)
	12770	C	0605	YAT- Moscow MARCO - ID mkr (RM-IL)	14630.4 var.	50/425n	ISX46- ANSA Rome ITALY- EE/FF/NX (PAC-UK) (RM-IL)
	12865	C	0851	UOK- Riga MARCO - DE mkr (PAC-UK)	14654.0 0705	50/425n	FLSZ- unid sta - RYS to UP84 (JEB-CA)
	13054.5	C	2238	UJF7- Kiev MARCO c1g 41A (GLB-FL)	14679.0 0525	75/425n	DFZG - unid sta - coded tfc (JEB-CA)
	13075.4	C	2232	UJF7- Odessa MARCO - DE mkr (GLB-FL)	14720.0 1845	50/425n	KEK858- TASS Moscow USSR- EE/NX (RM-IL)
	13089	C	1616	UYA- Moscow MARCO - DE mkr (FUG-SOAF)	14738.2 1852	50/425-	SU052- Cairo Metro EGPT- CQ mkr (PAC-UK)
	13100.8	U	0743	UYF- Vladivostok MARCO wkg unid ship (BFS-CA)	14812.0 2244	50/500n	SS language into coded msg's unid (JCD-CA)
YUGO:	12780.5	C	0426	YUR- Rijeka MARCO - V/QSX mkr (RM-IL)	14825.0 1900	50/425n	Y2K25- ADN Berlin GDR- SS/NX (RM-IL)
				**** AFRICA/MIDDLE EAST ****			
ANGO:	8566.3	C	0110	D3E41- Luanda MARCO - CQ mkr (GLT-NM)	14923.0 0717	50/425r	BAP44- XINHUA Beijing PRC- EE/NX (BFS-CA)
	8694	C	0630	D3E50/51- Luanda MARCO - CQ/QSX mkr (RM-IL)	14927.5 1430	50/425r	XVF4- PTP Hanoi VIET - QRA mkr (AM-UK)
COMO:	20332.	S	1425	D6B403- PTP Maroni - FF tfc to ?? (PAC-UK)	14937.6 1753	50/425n	YUA- ASECNA Nlamey NIGE- WX (AM-UK)
DJIB:	8682	C	1540	UKA- Djibouti MARCO - CQ/QSX mkr (FUG-SOAF)	14988.2 2340	50/425n	TNI- ASECNA Brazzaville CONG- DE mkr (AM-UK)
EGPT:	13042.6	C	var.	FUV- FF NAVRAD Djibouti - V mkr (GLB-FL) (RG-KS)	15480.5 1020	50/425n	APS Algiers ALGE - EE/NX (RM-IL)
	8579	C	0247	SUH- Alexandria MARCO - V mkr (GLB-FL)	15724.0 1940	50/425n	ISX57- ANSA Rome ITALY - EE/NX (BLA-PA)
	8945	U	2250	Cairo VOLMET (CC-DE)	15761.0 2300	75/425r	MUD- British Gurkhas Dharan NEPL-tests (AM-UK)
ISRL:	8694.2	C	2010	4XO- Haifa NAVRAD - CQ/QSX mkr (FUG-SOAF)	15867.0 2325	75/425r	BXT9- PRC EMB QTH??- RYS (JEB-CA)
LYBA:	8515	C	0625	5AT- Tripoli MARCO - V/CQ mkr (PAC-UK)	15930.0 1705	50/425r	BR178- TASS Moscow USSR- FF/NX (RM-IL)
MADE:	8461	C	0105	CUB- Madeira MARCO - CQ mkr (GLT-NM)	15955.0 0328	50/850r	3B74- Plaisance Metro MAUR- RYS (JEB-CA)
MROC:	8686	C	0704	CNP- Casablanca MARCO - CQ/QSX mkr (RM-IL)	15962.8 1620	50/425r	Y7A62- ADN/MFA Berlin GDR- RYS (FUG-SOAF)
REUN:	8475.5	C	var.	FUX- FF NAVRAD Reunion - V mkr (GLT-NM) (FUG-SOAF)	15996.0 1530	50/425n	DPA Hamburg FRG - EE/NX (RMA-FRAN)
	13215.5	C	1359	FUX- FF NAVRAD Reunion - V mkr (FUG-SOAF)	16183.2 1050	50/425n	FP762- AFP Ft.de France MART-FF/NX (RM-IL)
SAUD:	16861	C	1354	HZG- Dammam MARCO - DE mkr (PAC-UK)	16343.0 1735	50/425n	Y2L4- TANJUG Belgrade YUGO- EE/NX (RMA-IA)
SENE:	13410	C	0252	6WV- Dakar NAVRAD - V mkr (RG-KS)	16661.0 1600	TOR	ELCM5- GULF GRAIN wkg GKE (RMA-IA)
SOAF:	3047.1	U	1850	Jan Smuts VOLMET (FUG-SOAF)	16661.0 1600	TOR	GYVA- BRITISH SECURITY to GKE (RMA-FRAN)
	8471.8	C	2015	ZRQ4- Cape NAVRAD S1manstown - V mkr (FUG-SOAF)	16662.5 1620	TOR	ELBK- NORTHERN LYNX to LGB (RMA-FRAN)
	8713	C	1415	ZSD- Durban MARCO - CQ mkr (GLT-NM)	16663.5 0215	50/170n	EMMD- PROLIA VILKITSKOGO RYS to UA13 (JEB-CA)
	9026.4	U	1855	Jan Smuts VOLMET (FUG-SOAF)	16671.5 1811	TOR	SVMF- HELLSPOINT MONARCH wkg SVT6 (RMA-IA)
	12722.5	C	1555	ZSC- Cape Town MARCO - CQ mkr (FUG-SOAF)	16678.0 1015	TOR	D5LP- NS ALLIANCE to GKP (RMA-FRAN)
	13028	C	1500	ZSD- Durban MARCO - CQ mkr (FUG-SOAF)	16681.0 1215	TOR	5AMH- GARNATA to PCH (RMA-FRAN)
	14805	U	0717	ZUD- PTP Ollifantsfontein wkg SARAE Base (FUG-SOAF)	16690.0 1615	TOR	3FU2- HOLSTEIN TRADER to DCF (RMA-IA)
	14887	U	0641	ZUD- PTP Ollifantsfontein wkg Marion Is. (FUG-SOAF)	16701.0 1924	50/170n	UPXO- BRATSTVO - wkg Odessa (RMA-IA)
	16300	U	0835	ZRS- Marion Island Metro wkg ZUD-qpx 14887 (FUG)	16706.0 2258	50/170n	UBKS- SOKRAT RYS to UUY (JEB-CA)
	11300	U	2346	Khartoum Aero wkg Speedbird 54 (DS-OH)	17103.0 1545	50/170n	PETRENKO SIMONOV to Odessa (RMA-FRAN)
					17117.6 var.	75/850r	PC8317- Goeree NAVRAD HOLL-RY/AC (RMA) (BLA)
					17139.2 1915	75/850r	REUTJ- Madrid NAVRAD SPAN - SS tfc (BLA-PA)

Y7A73- ADM/MFA Berlin GDR-RYs (RMA-IA) (RM-IL)
 Y7A73- ADM/MFA Berlin GDR- CG/NX (AJD-NJ)
 Y7A73- PTP Shanghai PRC - to CLN565 (RM-IL)
 CLN565- PTP Havana CUBA- RYs (RMA-IA) (RM-IL)
 HXK23- Paris Metro FRAN - WX (RM-IL)
 Y7L36- GDR EMB Havana CUBA- RYs (RMA-IA)
 Y7L36- GDR EMB Havana CUBA- to Mexico (RM-IL)
 Y7L36- GDR EMB Havana CUBA- to Mexico (RM-IL)
 3VA- TAP Tunis TUNI - FF/NX (AM-UK)
 MFA Sofia BUL - NX to FF/NX (AM-UK)
 ZVK- TASA Rio de Janeiro BRZL- RYs (RM-IL)
 GMP- INTERPOL London ENG- to Delhi (AM-UK)
 OMZ- MFA Prague CZEK - to Luanda (AM-UK)
 9PL- Kinshasha Air ZIRE - tests (AM-UK)
 TELAM Buenos Aires ARGN - SS/NX (JEB-CA)
 NER- UNO Balboa PANA - RV/SJS (JEB-CA)
 ISX87- IANA Rome ITALY - EE/NX (AJD-NJ)
 AXI- RAF. Melbourne AUST- FOXs (AM-UK)
 SAM78- SWED EMB Tunis TUNIS - to SAM (AM-UK)
 SAM62- SWED EMB Beijing PRC- tfc (AM-UK)
 BMD7- MFA Delhi INDI - to Tehran (AM-UK)
 BUL EMB Lisbon PORT - tfc to Sofia (AM-UK)
 INDO EMB Bucharest ROMA- to Jakarta (AM-UK)
 4UN- UNO Bangkok THAI - to Geneva (AM-UK)
 LOR- Puerto Belgrano NAVRAD ARGN- to WFUJ (JEB)
 Y7A80- MFA Berlin GDR- RY/GX/NX (FUG-SOAF) (RM-IL)
 CNM91- MAP Rabat MROC - EE/NX (RM-IL)
 ITALY EMB Cairo EGPT - to Rome (RMA-FRAN)
 IRS41- IANA Rome ITALY - testing (RM-IL)
 YJ2- TANJUG Belgrade YUGO/FF/EE/NX (RMA-IA) (RM)
 EMBACUBA Conakry GUIA- coded tfc (RM-IL)
 CLPB- EMBACUBA Conakry GUIA- to Havana (AM-UK)
 POL EMB New Delhi INDI- to Warsaw (AM-UK)
 MKD- RAF Akrotiri CVPR - RYs (RM-IL)
 SKM- Bogota NAVRAD COLO - clg ORC (AM-UK)
 SY3- CZEK EMB Nairobi KEN- to Prague (AM-UK)
 CNM92- MAP Rabat MROC - EE/NX (RM-IL)
 SPP342- POL EMB Luanda ANGO- to Warsaw (AM-UK)
 CLP9- EMBACUBA Aден YEMN- to Delhi/Havana (AM)
 RHA46- AFN Moscow USSR - FF/NX (RM-IL)
 SAM55- SWED EMB Bangkok THAI- to SAM (AM-UK)
 SWED EMB Managua NICA - to SAM (AM-UK)
 RMB74- SWED EMB Monrovia LIBE- to SAM (AM-UK)
 SKB7/G- TRASS Moscow USSR - FF/NX (RM-IL)
 BXM52- PRC EMB QTH?? - ??? (RMA-FRAN)
 YWM11- Maracalbo NAVRAD VENEZ- wkg CYR (JEB-CA)

17395.0 var. 50/425n
 17395.0 1435 50/425n
 17400.0 2222 50/425f
 17450.0 var. 50/425f
 17455.0 2153 50/425n
 17369.0 1950 50/300n
 17374.5 2027 50/425n
 17380.0 2016 50/425n
 17564.0 0725 50/425n
 18188.5 2301 50/850f
 18190.0 1125 50/170n
 18191.3 0710 75/425n
 18363.5 1740 50/425f
 18420.5 2215 50/850n
 18550.0 1900 75/850f
 18675.0 1415 50/425n
 18735.0 1455 50/850f
 18810.0 1055 75/425f
 18813.0 0717
 19022.0 1043 50/425n
 19022.5 1135 50/425n
 19115.0 1040 50/425n
 19121.0 1055 75/425n
 19438.0 0045 75/170f
 20019.8 var. 50/425n
 20140.0 1234 50/425f
 20161.5 1600 TOR
 20187.5 1156 50/425n
 20204.0 var. 50/425f
 20412.0 1356 50/475n
 20414.7 1715 50/425n
 20473.0 0700 50/170n
 20601.0 1301 50/170f
 20622.7 1838 75/425f
 20757.0 0950 75/425n
 20786.0 1209 50/425f
 20797.0 1125 75/170n
 20804.6 0655 50/425n
 20925.0 1322 75/425f
 20952.0 0720 75/425f
 20960.0 1600 75/425f
 20964.0 1103 75/425f
 20964.6 1341 50/425f
 21852.0 1415 75/475f
 22132.0 2340 75/850n

***** ASIA/PAC EAST *****

XSG- Shanghai MARCO - CQ mkr (RDG-AUST) (GLT-NM)
 XSG- Shanghai MARCO - CQ/OSX mkr (BPS-CA)
 XSG- Shanghai MARCO - CQ/OSX mkr (GLT-NM) (BPS-CA)
 Jakarta Aero wkg Perth Aero (JDM-MN)
 PKB- Amboina MARCO - CQ mkr (PAC-UK)
 TOKY- Kobe MARCO - CQ mkr (RDG-AUST)
 JCKX- Aero wkg United 710 (JMN-CA)
 5626 U 0943
 16877 C 0228 JDB- Nagasaki MARCO - CQ mkr (ERN-MN)
 8484 C 1614 HLB- Seoul MARCO - CQ/OSX mkr (BPS-CA)
 8577 C 1400 HLO- Seoul MARCO - CQ mkr (GLT-NM)
 17172.5 C 1700 9MB- Penang NAVRAD - CQ mkr (RMA-FRAN)
 KARACHI VOLMET (CC-DE)
 8580 C 1220 DZO- Manila (Bulacan) MARCO - CQ mkr (GLT-NM)
 8588 C 1110 DZF- Manila (Bacoor) MARCO - CQ mkr (GLT-NM)
 8595.5 C 1215 DZF- Manila (Bacoor) MARCO - CQ mkr (GLT-NM)
 8604.2 C 1225 DZJ- Manila (Bulacan) MARCO - CQ mkr (GLT-NM)
 8645 C 1645 DZG- Manila (Las Pinas) MARCO - CQ mkr (GLT-NM)
 12872 C 1405 9VG56- Singapore MARCO - CQ mkr (GLT-NM)
 8715 C var. 9VC79- Singapore MARCO- CQ mkr (BPS-CA) (GLT-NM)
 8942 U 1127 Singapore Aero wkg Flight 64 & 285 (CC-DE)
 11387 U 1220 9VA43- Singapore VOLMET (JDM-MN)
 8445 C 1200 XSK- Keelung MARCO - CQ mkr (GLT-NM)
 12864 C 0853 XSW- Kaoshiung MARCO - CQ mkr (PAC-UK)
 3686 C 1450 HSA2- Bangkok MARCO - CQ mkr (GLT-NM)

***** PACIFIC OCEAN *****
 VJC- Broken Hill - R/T tfc with ?? (RDG-AUST)
 VIT- Townsville MARCO - WX/LFC list (RDG-AUST)
 VIX- Canberra NAVRAD - V mkr (RMA-FRAN)
 VLS- Sydney VOLMET (PAC-CA)
 VHP4- Canberra NAVRAD - V mkr (GLT-NM)
 VLP3- Perth MARCO - V/OSX mkr (FUG-SOAF)
 VIK- Canberra NAVRAD - V mkr (GLT-NM)
 C 1205 VIK- Canberra NAVRAD - V mkr (GLT-NM)
 12289.7 U 0549 Radio Australia Feeder (FRN-NM)
 12952.5 C var. V155- Sydney MARCO - V mkr (RM-IL) (RC-KS)
 13107 U 0438 Sydney MARCO wkg KMI (JMN-CA)
 18665 U 1600 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)
 FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
 NMO- CG Honolulu wkg unld ships (RR-OH)

HI... 8650 C 0835 NMO- CG Honolulu - V mkr (RM-IL)
8765.4 U var. NMO- CG Honolulu - WX B/c (JDM-MN) (ECW-WA)
12889.5 C 0502 NMO- CG Honolulu - V/0RU/QSW mkr (RM-IL)
13261 U 2126 Honolulu Aero wkg Flight 44, 143, 193 (CC-DE)
13354 U 2126 Honolulu Aero wkg g Bravo 167 (DD-DE)
NCAL: 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- Awatua MARCO - QTC list (RDG-AUST)
8598.4 C 0717 ZLO- Iritirangi NAVRAD - DE/QSX mkr (RM-IL)
17171 C var. ZLB- Awatua MARCO - DE/QSX mkr (GLB-FL) (ERN-NM)
22533 C 0248 ZLB7- Awatua MARCO - CQ/QSX mkr (BFS-CA)

**** ANTARCTICA ****

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

**** SHIPS ****

2366 U 1150 WX8006- VIRGINIA SCANDS P/P via WOU (MDL-ME)
4991 U 0838 WRC7735- SEA LARK wkg WYP3286 KELLY SEA (BLA-PA)
5696 U 0015 NRCR- CGC DALLAS wkg CGC VIGILANT (BLA-PA)
5696 U var. large SAR op involving, CGC HAMILTON, DECISIVE,
CG 1435, USS WAINWRIGHT, AV-TECH GATMO (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 NHRW- 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, Gátmo & m/v SEWARD
EXPLORE, USS WAINWRIGHT (RWP-ME)

8366 C 0328 SYTF- ALIQUON LIGHT wkg Alexandria MARCO (RM-IL)
8390 C 0358 KAAH- SANTA MAGDALENA wkg Callao MARCO (RM-IL)
11466a C 0042 RMSR- unid Soviet warship wkg RIW (MDC-NY)
12330 U 0311 WZ593- MOLLY ANN clg KMI (BFS-CA)
13415 U 2030 CAN NAVY FRASER & CANGC PRESERVER wkg CFH (DLW-CT)
14467 U 2340 NNNZNR- USS LA SALLE wkg NNNKRO (MDC-NY)
16587.1U 1328 KXAC- EXXON SAN FRANCISCO wkg KHT (RMA-IA)

**** AIRCRAFT ****

5574 U var. UNITED 120/CLIFFER 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 0 1510 TOR ELBQ- SAINT MARY to GKP6 (RMA-FRAN)
22470.0 1932 75/8501r 37UMA- Unid sta - t/c to RETO (RM-IL)
22571.2 1200 TOR HZG- Damman Metro SAUD - DE mkr (RMA-FRAN)
22592.0 0915 TOR ZS2- Durban MARCO SOAF - t/c list (RMA-FRAN)
22866.0 0945 50/425- 5YEB- Nairobi Metro KEN- RYS (PAC-UK)
23351.0 1230 50/8501r ZRH- Cape NAVRAD SOAF to NAU (RMA-FRAN)
25027.0 1230 50/8501r ZRH- Cape NAVRAD SOAF 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 C 0422 CLB- Carolina Beach NC - NDB (MDL-ME)
223.0 C 1644 IW- Laurel Airport, NY - NDB (TFS-NY)
234.0 C 1636 GD- LaGuardia Airport NY - NDB (TFS-NY)
254.0 C 1647 CAP- Chatham Airport, Morriston NJ - NDB (TFS-NY)
326.0 C 0426 FC- Fredericton 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 PNU- 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 GQ- 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- Bimini, Bahamas - NDB (GLB-FL)
402.0 C 1709 LO- unid sta NDB (TFS-NY)
405.0 C 1636 FR- Farmingdale 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- Mercaaderes, COLO - NDB (MDI-ME)

**** QSLs ****

BRZL: PFL- Belem MARCO - Ltr 95d 2 IRCs - 17170.5 kHz (AJD-NY)
CAN.: YGV- Harve St, Pierre QUE beacon- PFC 443 MS - 343 kHz (HH-MD)
DEN.: OXZ6- Lyngby 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 26d IRC - 16861.7 kHz (PAC-UK)
ITLY: ICB- Genova MARCO - Ltr 26d IRC - 8649.5 kHz (RMS-NY)
JPAN: JTY- SPTS Tokyo - Card 70d 8000 kHz (JLT-ALB)
LIBE: KKN44- USEMB Monrovia - PFC 15d MS - 11475 kHz (MDC-NY)

5643.0 U var. CLIPPER 15 & EMPRESS 301 wkg Honolulu (JDM-MN)
 5692 U 0223 CG 1426 wkg CGAS Houston (DS-OH)
 5696 U 1432 CG 1471 wkg CG Portsmouth (BCW-AVA)
 6649 U VARIG 832 wkg Panama Aero (CC-DE)
 6649 U IAN CHILE 145 wkg Lima Aero (CC-DE)
 8825 U 0108 IBERIA 982 wkg New York (JDM-MN)
 8825 U 1831 IBERIA 869 wkg New York (CC-DE)
 8864 U TWA 755 wkg Gander (JDM-MN)
 8879 U TRADE WINDS 24 wkg Gander (CC-DE)
 8894 U 0233 LIMA ZULU 175 wkg Niamey Aero (JDM-MN)
 8903 U var. MAC 50230/60208 wkg Honolulu. (CC-DE)
 8903 U var. CONTINENTAL 55/ MAC, 90023 wkg Honolulu (JDM-MN)
 8918 U 2242 AIR PORTUGAL??? wkg Luanda Aero (CC-DE)
 8918 U var. ZIMBABWE 124 wkg Brazzaville (RM-IL)
 8918 U 2242 AIRBYAC 67956 wkg New York Aero (CC-DE)
 8918 U 0103 CAYMAN AIRWAYS ??? wkg Panama Aero (CC-DE)
 8918 U var. AIRLIFT 60780/NORDAIR 331 wkg New York (CC-DE)
 9006 U 1744 CANMIL 425-wkg CANMIL Trenton (CC-DE)
 9014 U 2254 MAC 50265 wkg Scott AFB (CC-DE)
 10024 U 0430 EASTERN 010 wkg Lima (RWP-ME)
 10078 U 0231 LUFTHANSA 691 wkg Frankfurt LDOO (RWP-ME)
 11176 U 1318 MAC 60154 wkg Croughton AB (CC-DE)
 11176 U 0113 MAC 37765 p/p Ramstein Metro via Incirlik (CC-DE)
 11176 U 0438 MAC 70466 wkg Elmendorf AFB (RWP-ME)
 11282 U 0007 MAC 90024 wkg Honolulu Aero (CC-DE)
 11396 U 1635 GARUDA 872 wkg Jakarta (BFS-CA)
 11396 U var. CLIPPER 219/MAC 00463 wkg New York (BFS-CA) (JDM-MN)
 13291 U var. TWA 709/741 & WARD. AIR 819 wkg Gander (JDM-MN)
 13291 U 1823 PALM 201 wkg New York (CC-DE)
 13294 U 0015 ZIMBABWE 124 wkg Kinshasa Aero (RM-IL)
 13306 U 1300 AIR FRANCE 1347 wkg New York (JDM-MN)
 13312 U 2055 LC 9/ wkg Lockheed Los Angeles (RLR-KS)
 13318 U 1324 LUFTHANSA 690 clg Perth Aero (JDM-MN)

**** TACTICAL ****

4750 U 0418 TABLE TOP wkg TABLE TOP ALFA/BRAVO/CHARLIE (NAP-AL)
 4960 U 0633 TANGO 3 KILO wkg SIERRA 2 LIMA (BFS-CA)
 5683 U 0244 STILLAR wkg MacDill AFB (RWP-ME)
 6506.4 U 1215 ZULU 8 JULIET wkg CG San Francisco (JDM-MN)
 6683 L 1101 SAM 86971 wkg Andrews AFB (BW-NE)
 6715 L 1054 SAM 86971 p/p SAM COMMAND via Andrews (BW-NE)
 6715 L 0219 AIR FORCE 2 p/p Andrews Metro via Andrews (BW-NE)
 6756 U 0046 SAM 31681 wkg Andrews AFB (DS-OH)

NETA: PJC-Curacao MARCO - Card 17d IRC - 13042.5 KHz (RMS-NY)
 NCAL: ZUO-Nomea NAVRAD - Ltr 27d 2 IRCs - 8646 KHz (RDG-AUST)
 NZEL: FLO-4-Iriangi NAVRAD - Card/Tr 24d IRC - 8598.4 KHz (RMS-NY)
 SOAR: ZSC9-Capetown MARCO- Card 24d IRC - 12698 KHz (RMS-NY)
 USA: WNU33-Slidell MARCO- Card 26d MS - 8525 KHz (RMS-NY)
 WOE-Atlanta 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: RWW70-TRASS Moscow - Ltr 36d ?? 19235 KHz (SB-CT)
 VENE: VYTO-SFWS Caracas - Card 270d IRC - 6100 KHz (EGS-MA)
 VIRG: WAH- St. Thomas MARCO- Card 13d MS 6515.7 KHz (RMS-NY)
 SHIPS:
 JUNE - ORKANGER - Ltr/Pic 25d MS 500 KHz (HH-MD)
 H9IV - BALSAL 2 - PFC 67d IRC 500 KHz (HH-MD)
 WHML - EXXON BOSTON - Ltr/Pic 63d MS - 500 KHz (HH-MD)
 LHVJ - HILCO SPRINTER - 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)
 NFDL - CGC INGHAM - PFC 07d MS - 6200 KHz (RMS-NY)
 KFLG - PANAMA - PFC/Ltr in 22d MS - 12429.2 KHz (RMS-NY)
 KIPG - OGDEN CHAMPLION - PFC 30d MS - 8360 KHz (HH-MD)
 FIGU - VITREA - Ltr/Pic in 41d IRC - 8363 KHz (HH-MD)
 GUNZ - LONDON GLORY - Ltr in 70d XRP - 8363 KHz (HH-MD)
 LESS - OGDEN 2 - Pfc OSL in 95d IRC - 8370 KHz (HH-MD)
 KMLD - SUNBEN LEADER - Ltr 124d MS - 12345.5 KHz (HH-MD)
 JYAG - 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 SEARCHER - PFC 21d IRC - 8373 KHz (HH-MD)
 GFAN - LUMINENTA - Ltr/Pic in 235d IRC - 16722 KHz (HH-MD)
 LITA - NORWAY - PFC/Pic in 54d IRC - 8200 KHz (HH-MD)
 KA3MVK - PERGRIN- 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
- (RLA-PA) Brian Alexander
- (RMA-IA) Rod Alexander
- (AJA-AVA) Al Arnold
- (SB-CT) Sam Barto
- (JEB-CA) Jason Berri
- (BFB-NH) Bernie Biron

6756.0 U 0156 TEST TUBE c/g Andrews AFB (RM-IL)
6760 L 0441 REMCO 46 wkg SPIN CAT (PTK-IL)
6870 L 0224 CAKE BAKE wkg FILLMORE (RM-IL)
6989 U 0203 ACROBAT wkg KIIGORE for FDM coordination (MDC-NY)
7540 U 0102 ALFA FOXPROT 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 (JDM-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 STRAG 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 TOSS 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 1176 DECEMC 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 - r/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 LINA 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, PACHEDERO, CROWN & Andrews wkg each other (RWP-NE)
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)

(GBE-FL) Gary Bledsoe
(JB-PA) Joe Buday
(CC-DE) Cornelia Campbell
(MTC-AZ) editing only
(MDC-NY) Mark Chinsky
(PAC-UK) Peter Conway
(AJD-NJ) Joe Delnet
(JCD-CA) Chris Devendorf
(RDG-AUST) Roger Gammon
(FG-NY) Fernando Gonzalez
(RG-KS) Rodney Grussling
(FUG-SOAF) Francois Jacot-Guillarmod
(?H-CA) ? Harada
(MSH-NC) Mike Harvester
(WH-CO) Wayne Helnen
(BMH-NY) Ruth Hesch
(HH-MD) Hank Holbrook
(IK-UK) Ian Kerr
(DK-CA) David Keenan
(PTK-IL) Pat Kerrigan
(UK-FRG) Joerg Klingenfuss
(JAK-WV) Jeff Knapp
(MDL-ME) Mike Leonard
(RM-IL) Bob Margolis
(AM-UK) Alex Moore
(ERN-NM) Evan Newlon
(JMN-CA) J. Michael Nowicki
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(RWP-ME) Roger Pettengill
(RUR-KS) Bob Rankin
(RR-OH) Robert Ruckman
(RFS-NY) Tom Sable
(BPS-CA) Bryan Sharpe
(ECS-WA) Ed Soume
(RMS-NY) Bob Streeter
(DS-OH) Daryll Synington
(JLT-ALB) Joe Tallbot
(GLT-NM) Glenn Thompson
(PAT-CA) Peggy Thompson
(BW-NE) Barry Ward
(JDM-MN) John Williams
(DLM-VT) Dave Willson
(BCW-VA) Bernie Wimmers

Publication..... Roger Gammon, our gown under ute, has compiled a 20 page booklet entitled, "Guide To DIXing 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 may be 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

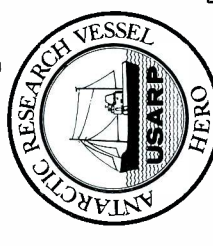
**** As of this writing, Speedx is still working on finding a replacement for this utility editor.

MTC

- 11267.0 U 1324 OSCAR 6 ECHO clg YANKEE 7 ECHO (JDM-MN)
- 11271 U 2320 GULL 23 wkg Lajes AB (RM-IL)
- 11407 U var. AIR FORCE ONE/SAM 26000 wkg Andrews (BW-NE)
- 13204 U 1758 AIR FORCE ONE p/p Crown via Andrews (RWP-ME)
- 13210 U 1619 FLY BOY wkg MacDill AB (CC-DE)
- 13214 L 1152 SAM 27000 wkg Andrews AFB (BW-NE)
- 13215 U 1838 TACOM 01 p/p via Andrews AFB (CC-DE)
- 13247 U 1505 SAM 24201 p/p via Andrews AFB (BW-NE)
- 13306 U 1333 NAVY ROMEO YANKEE 276 wkg Gander Aero (JDM-MN)
- 13440 L 2017 AIR FORCE TWO p/p CHASE OPS via Andrews (BW-NE)
- 13937 U 1647 ROLLER DEREY r/c SKYTRAIN (RLR-KS)
- 14894 U 1700 QURKER r/c with CYCLONE (RM-IL)
- 15015 U var. ARMY 22937/HARDROCK 11 wkg Scott AFB (CC-DE)
- 15048 U 2217 SAM 86972 p/p via Andrews AFB (DS-OH)
- 17480 L 1747 SAM 86971 p/p via Andrews AFB (BW-NE)
- 18019 U 1854 CHARLES 01 wkg Albrook AB (CC-DE)
- 18118 U 1558 SAM 24129 wkg Andrews AFB (BW-NE)
- 20053 U 1910 SAM 31682 wkg Andrews AFB (BW-NE)
- 22723 U 1859 GALWAY BASE wkg ANGEL (RWP-ME)
- 22723 U var. SAM 26000/AIR FORCE ONE wkg Andrews (BW-NE)
- 22723 U 1855 CHECKMATE clg AIR FORCE ONE (RWP-ME)

- **** 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)
 - 0100-18MAY-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 (NSH-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-????-6803-A-SY-5d (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-5dd (AJA-VA)
 - 0318-02MAY-7410-C-XX-5d (RM-IL)
 - 0323-11MAY-6963-U-EY-3/2dd (RM-IL)
 - 0330-28MAY-6855-U-GY-5dd (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)
 - 0401-13MAY-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 (PTK-IL)

KC 4AAB/MM



CONFIRM USE WITH	DATE	GMT	TIME
	22 Jun 1969	0600Z	
FREQ	14915	MODE	PSK

OPERATOR
James P. ... Radio Club/ET.

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
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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	BLEDSE, 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
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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	CA	1	TYLER, TIMOTHY	MI R1000
5	HEINEN, WAYNE	CO	5	UNRUH, DONALD	HI FRG7
1	HENAUHT, 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-3BE
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	WLOCH, 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/PBM 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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