

# 14<sup>th</sup> ANNIVERSARY!

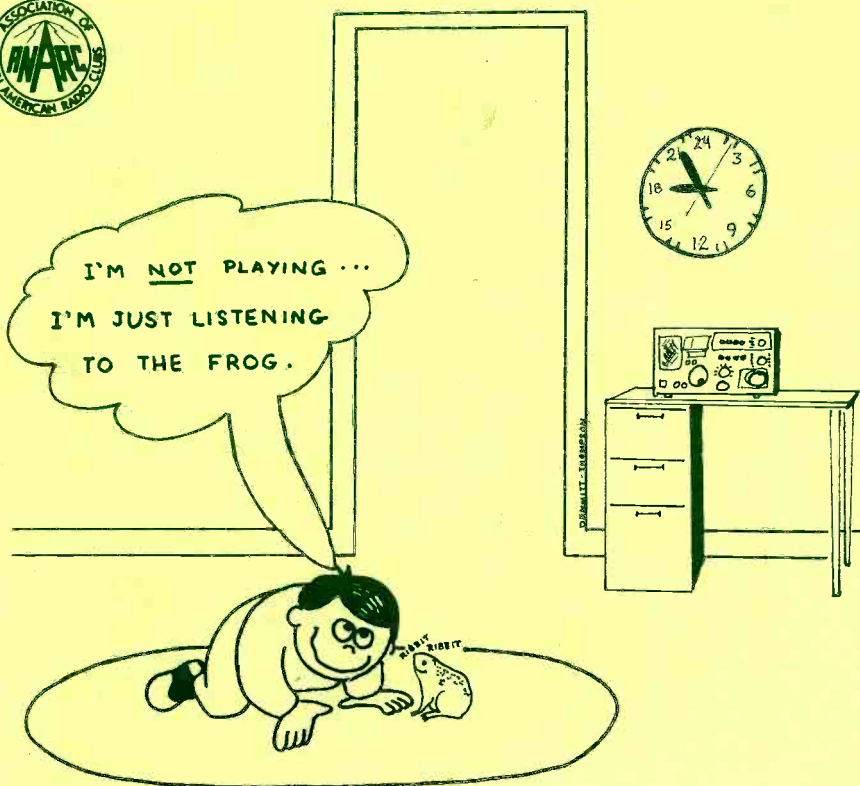
# SPEEDY

The DX Radio Magazine for Active SWL's

Volume XV

July 1985

Number 7



# SPEEDX

# UP FRONT!

EDITOR:

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Mount Pleasant, MI 48858-6041

DEADLINE:

18th

- magazine highlights
- board of directors news
- members' comments
- last-minute information

SPEEDX is published monthly by the Society to Preserve the Engrossing Enjoyment of DXing, Tucson, Arizona, U.S.A. Permission is granted to broadcast, publish, or reproduce any material contained in this magazine (excepting items which state that they appear by permission from other sources), provided credit is given to SPEEDX and the appropriate editor or column. SPEEDX is normally mailed to members on the 5th of the issue month.

*Your letters and other last-minute information to UP FRONT are welcome. The editor reserves the right to shorten long letters, but whenever possible, the entire letter will be printed. Please label the letter or information and the envelope with the words "UP FRONT." The opinions expressed by members in UP FRONT are those of the writer, and do not necessarily reflect those of the Board of Directors or staff of SPEEDX, or the editor.*

## THE SPEEDX REPORT ON RADIO RSA

Many of you have probably heard of "The SPEEDX Report." It's a type of "audio SPEEDX" that has been a part of the "DX Party Line" on HCJB for some years. Originally recorded by John Trautschold, the program is now organized, recorded and mailed by Publicity Director David Sharp. Several months ago, the Board of Directors approved the addition of Radio RSA to the small list of stations that broadcast "The SPEEDX Report." Since then, I have received letters from two SPEEDX members for UP FRONT that have expressed concern over this policy. In fact, I've received three letters from Full Member Michael Wegner in Austin, Texas. Mike has graciously consented to the use of his letters in this column, and I have excerpted parts from all three that best illustrate his points of concern:

Dear Tom,

To me, the distinction here is the difference between listening and participating. Anyone should be able to hear anything they want, that is obvious. And to report, in a factual way, what they heard to a DX club is perfectly legitimate. Loggings in SPEEDX should not be screened to make sure they are only for the 'right' broadcasters.

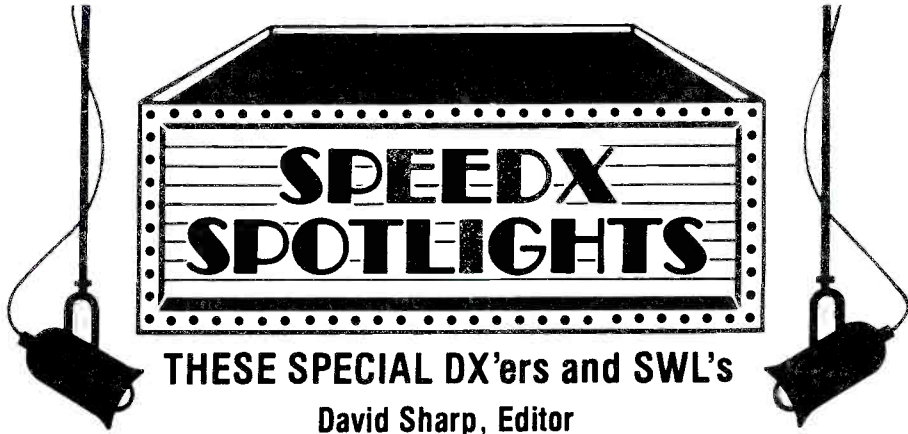
The line between politics and morality is often unclear. Is one's attitude towards apartheid simply one of political disagreement, or does it go further, becoming moral outrage? Avoid politics as a club, yes; abandon our humanity, no.

Your point about our withdrawing now being disapproval makes sense. It would be an obvious statement, and SPEEDX would be taking, in some ways, a 'political' stand. It would be hard, as you say, to withdraw from RSA without withdrawing from HCJB.

Can the BOD honestly say that any station that came to the club and asked for programming support would be treated the same? Libya, North Korea, Chile, Cuba, USSR, Iran? Could we honestly, and with conviction, send an open invitation to all broadcasters to air the SPEEDX Report? If the answer is no, then the Radio RSA program is indefensible; if the answer is yes, then we have a completely different debate ahead of us.

My thanks again for your time and patience in listening to the concerns of a relatively new member. I look forward to some sort of resolution that we all can agree with.

Michael Wegner  
Austin, Texas



## THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

BOARD OF DIRECTORS INFORMATION: THE FOLLOWING MEMBERS HAVE BEEN NOMINATED FOR THE UPCOMING BOD ELECTION:

JOHN CEREGHIN	CARL HUFFAKER	JOHN KAPINOS	NEAL PURDUE	DAVID SHARP
JOHN DEMMITT	DON JOHNSON	TOM KEPHART	JACK SANDERSON	BOB THUNBERG
SPEED GRAY	LEON KANOPKA	BOB PALMER	SCOTT SCHMAUTZ	JOHN TRAUTSCHOLD

THE ABOVE MENTIONED NOMINEES SHOULD HAVE ALREADY RECEIVED A LETTER FROM JOHN TRAUTSCHOLD. IF NOT, PLEASE CONTACT HIM IMMEDIATELY.

Now, to the other business at hand, our Full Members for July. Congrats to:

ROBERT DESROSIERS.....MA	RUDOLF SALOMON.....CA
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This month, we greet 30 new and rejoining members to the SPEEDX fold.....

Abdallah Khoury, St. Louis MO  
 George F. Brown, E. Lothian SCOTLAND  
 Ronald Hine, Copley OH  
 Mike Lendemer, S. Orange NJ  
 David Orr, Reedsport OR  
 Wendel Craighead, Prarie Village KS  
 Gary Strebel, Elmhurst NY  
 Richard Chetley, San Jose CA  
 William Powell, Seattle WA  
 Daniel Kosko, Maple Heights OH  
 Stephen Ponder, Bossier City LA  
 Paul Cannon, Edgewood Arsenal MD  
 Mario J. Filippi, Mount Bethel PA  
 Robert Munro, Middletown RI  
 Robert Hicks, Alhambra CA

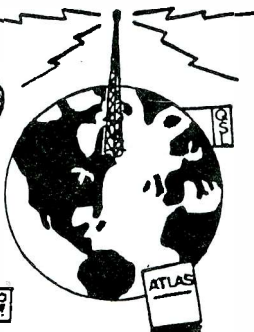
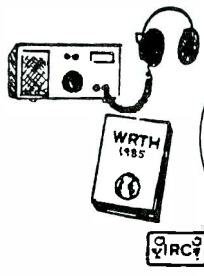
Howard Johnson, Fort Worth TX  
 Paul Donegan, Glendale CA  
 Owen Anderson, Paradise CA  
 Russell Kelley, Long Beach CA  
 Alexander Mason, Ajax ON CANADA  
 Jerry Dorsett, Winston-Salem NC  
 Kurt Brauer, Altstaetten SWITZERLAND  
 Kenneth Frank, Warsaw ON CANADA  
 Michael Megee, Houston TX  
 Dave Henderson, Ketchikan AK  
 Barry Getreu, San Jose CA  
 Terry Emerson, Reedsport OR  
 William White, Churchton MD  
 Henry Stratmann, St. Louis MO  
 Don Edwards, Cartersville GA

Once again, welcome to the club. We hope you'll enjoy your stay with SPEEDX and that we will see your contributions real soon. If you so desire, there are two routes you may take. One is to send your contributions directly to each individual editor by the 12th of each month. Or, if you don't want to pay the high cost of postage, all contributions may be sent to Peggy Thompson, our Central Distribution Editor. Get your material to her by the fifth of the month, and she'll forward them on and make sure you get the credits you deserve. It's that easy! Anyway, we hope you will begin to participate as often as possible, and before you know it, you'll reap the benefits of being a Full Member.

DX Montage follows on the next page, so c'mon folks, keep on reading!

DX

MONTAGE



club info  
contests  
humor  
fun

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

JULY, 1985

Hope all of you have recovered from the holiday festivities and are ready for another month of DX'ing. As you've probably heard on the news, Florida is still suffering from a severe drought and heat wave; some of the resulting fires have darkened over 20,000 acres of forest. Here in Hillsborough County, we've been pretty lucky, losing only 50 or so acres to fires. Weather reports call for an increased chance of rain, and I sure hope a few drops come our way. Anyway, we've got lots of interesting (and unusual) information to send your way, so let's get to this month's column!

**Third Installment to SRGU Now Available!** This brand new release covers the following areas: USCG, Commercial Aeronautical, Basics of QSLing, plus a Maritime Mobile Chapter. A total of 81 pages for your SRGU! Cost in North America, first class mail, is \$4.75; airmail printed matter overseas is only \$6.25. Make all monies payable to SPEEDX in U.S. funds; overseas, use international postal money orders or bank drafts. Sorry, this new installment is **ONLY AVAILABLE TO THOSE WHO PURCHASED SECTIONS ONE AND TWO OF THE SRGU.** Order from headquarters in Tucson (addr. on back cover.) (Via Jack Sander-son-AZ)

**Radio Marti Smothers Radio Australia:** On its second day of operation, Radio Marti bumped Australian programming from the shortwave dial for 2½ hours & gave American listeners an unexpected burst of Spanish.

Paul Buch, a shortwave radio enthusiast in Brooklyn, said he was tuned to 9580 kHz at 8:00 AM when the familiar Radio Australia broadcast faded and a voice called out: "Buenos dias, Cuba!" "They just blasted Radio Australia right off the air," Buch said.

In Washington, an official of Voice of America, which overseas R. Marti, said U.S. technicians had the mistaken impression that from 8 AM to 10:30 AM, Radio Australia broadcast at 9580 kHz only in the Pacific. "We thought it was clear for us," said the official, Pat Sowick. "We're very upset that it happened." (An excerpt from the San Francisco Chronicle, contributed by Clay Harada-CA) In a related story from Jeff Elson-MO, it also appears that the Australian Embassy and consular offices were flooded with phone calls regarding Radio Marti's operation on 9580 kHz. Barry Seeber, host of Talkback, seemed very pleased with the response of American listeners to the situation. Needless to say, Radio Marti moved to 9670 two days later. (Txn again to Clay and Jeff for their input. I sent a letter directly to Radio Australia to inform them of the interference. Did you? ds.)

**If You Enjoy Space Shuttle Communications,** then listen out for the following frequencies: 3860, 7185, and 14295 kHz. Operated by the Goddard ARC in Maryland (WA3NAN), these frequencies will be relaying communications for all upcoming shuttle missions. Tune them in! (From Bernie Wimmers-VA)

Michael V. Allen has written in to inform us that on May 31, 1985, he monitored a SSB transmission from Radio Japan on 7490 kHz at about 1000 UTC. Is this a feeder used by Radio Japan, or what? If you have an answer, Mike would like to hear from you. Write him at: 4632 Sunset Dr, Sacto, CA 95822, or call 916-447-8054 from 1700 to 0000 UTC (no collects.) Your assistance would be appreciated.

If This Fails, Try Smashing The Bug With The Radio: A Canadian radio station thinks it has found a chemical-free, odorless antidote to the summer time pest. For its cottage-country listeners north of Montreal, CIME-FM of Ste. Therese, Quebec, is broadcasting "anti-mosquito" frequencies for 1½ hours starting at 11 AM, and 3½ hours starting at 4:30 PM.

These buzz-like transmissions are supposed to imitate the high-pitched sound of male mosquitoes flapping their wings. The sound is broadcast simultaneously with regular music programming. The reasoning? Only females bite, and only after they've mated. The theory is that the bloodthirsty females will be repelled by the sound of males flying around, and leave the area. CIME's station manager, Gaetan Charbot, says some listeners were convinced after the first anti-mosquito broadcasts last week. According to Mr. Charbot, one listener called to say he sat near a swamp with his radio and was left alone by hordes of mosquitoes. He tried it again without the radio and was bitten to bits. Another caller asked the station to broadcast the frequencies all day long.

But scientists are skeptical. The theory "is possible, but highly unlikely," says David Lewis, an entomologist who specializes in mosquitoes at Montreal's McGill University. Art Borkent, a research scientist studying bugs in Canada's agriculture department, observes that mosquitoes attract the female species during mating season, but there's no evidence to show they repel the females afterwards. "I'm not a mosquito expert," he says, "but it won't work."

CIME-FM's anti-mosquito frequencies were modeled on those broadcast by Voice of the Lizard, a Paris radio station. But while Paris is plagued by only a few varieties of mosquitoes, Canada boasts 44 varieties. So the Canadian station worked with a forestry specialist to reproduce a range of wing-flapping frequencies. There's much work to be done. The station, which also broadcasts subliminal energizing messages in the morning and subliminal relaxation messages in the evening, is working to reduce the noise level of its mosquito-wing reproduction: Mr. Charbot admits that some listeners phoned to complain that they couldn't enjoy the music over the background buzzing. And he hopes to develop another sound-repellant in time for black fly season. (From a Wall Street Journal article by Peggy Berkowitz, and sent in to DXM by Rick Drollinger-WI and Bob Moser-IL. ds.)

DXM Station Profile: Clandestine Radio Truth: (Editor's note: As with all clandestine stations, Radio Truth has its own ideology. We present this article merely for information purposes only, and the political views contained herein do not necessarily represent those of SPEEDX, or this editor. The material, received directly from Radio Truth, was forwarded to DXM by Bill Thim-CT.) Contrary to the spurious propaganda stories, Radio Truth is not, and never has been, anti-Zimbabwe. We are a Zimbabwe based organization, manned by dedicated Zimbabweans. Our loyalty to this country and its people is unquestioned.

Through our reporters and through friends all over the country, we have access to the truth in all its forms- the spoken word, documents, & photographs. It is our task to broadcast the facts about Zimbabwe, our neighbors and, where appropriate, the world at large. We will draw conclusions and pass relevant comment, for the availability of constructive criticism is a healthy sign in any country. Since this is denied through normal channels in Zimbabwe, it is necessary to have a clandestine radio station that can fulfill that role.

To lay rest another canard, Radio Truth does not promote civil strife or tribal animosity. We deplore violence- whether the perpetrators are a government forces or dissidents. We have consistently urged all parties to pursue their differences through the proper and democratic channels & to seek solutions through dialogue and negotiation. We abhor corruption & nepotism in our public life and the declining standards of public administration. It is our desire to see an efficient, incorrupt and apolitical public service, an impartial judiciary and security forces that are loyal to the state and its people, not to a political party. For all of these reasons, Radio Truth is strongly opposed to the concept of a one-party state, which conflicts with everything we stand for.

ANARC/Liberty Fund Drive: The ANARC Newsletter and staff are organizing a fund drive to help the Statue of Liberty Foundation. Donations of at least \$25.00, will be deposited in a special account with Home Savings of America, and forwarded to the foundation. A running account will be published in the ANARC Newsletter, showing progress of the fund drive. For more info, write to ANARC, 1500 Bunbury Dr, N. Whittier, CA 90601. (Forwarded by John Trautschold-IL.)

Third Annual SPEEDX Shortwave Popularity Poll: Begun in 1983, the SW Poll has become something of a tradition. To participate in this year's survey, I'd like you to answer the following questions: What are your top five international SWBC stations? What are your top three tropical bands stations? Which are your favorite programs? Who are your favorite personalities? As always, all who participate will get a membership credit, and please, don't feel obligated to answer all of the questions. Just send in your views, & we'll publish the results later in the year. Hope you'll take part! ds.

Radio Marti Long Overdue: Radio Marti, a U.S. radio station, began beaming news and cultural programs to Cuba on May 20. The broadcasts are long overdue. The station should have been created 20 years ago to give Cubans unvarnished news reports on their own country and of the world.

As he had threatened to do, Fidel Castro retaliated immediately by trying to jam the broadcasts and by imposing immigration sanctions. According to Radio Havana, the communist government is terminating an agreement with Washington which authorized immigration to the U.S. of up to 20,000 Cubans yearly. The broadcast also announced that Cuban-Americans would be barred from visiting Cuba. While the legality of the broadcasts is without a real challenge, the ultimate effects are open to speculation. They could be a huge success in moderating Castro's policies, once the light of truth falls upon the Castro government. They could be a flop if he manages to effectively jam them or to interrupt commercial broadcasting in the Southeast United States. And they could be somewhere in between.

So Radio Marti is admittedly experimental but an experiment that is well worth the cost. The people of Cuba and the whole Caribbean, for that matter, deserve something more than the distortions the Castro gov't presents as news. In the most optimistic scenario, the broadcasts could move Castro over the long term to relax some of his policies and begin to restore individual freedoms and move toward more representative government.

Cuba also has a modest democratic tradition, and through relatives and firsthand experience on visits to the United States, they are generally aware of the fruits of freedom. The island country's literacy rate is also fairly high, so great numbers of Cubans will understand the implicit message accurate news will provide. If nothing else, many Cubans will have access to broader and more diverse views of world events and relations. (Via Don McCants-AL and the May 27th Birmingham News. The article in the Birmingham News pretty much reflects media's opinions regarding Radio Marti. We also thank the following members for contributing related articles: Speed Gray-MI, Michael Allen-CA, Luis Mendez-NJ, and Bob Moser-IL. Your input is greatly appreciated, gents. ds.)

BBC External Services have produced a world map containing a wealth of information about BBC broadcasts. This full color map would be an excellent addition to your listening post, and is available for £5 (sterling checks or international money orders from: BBC World, Bush House, P.O. Box 76, Strand, London WC2B 4PH, England. (Tks to Lori Klosowski-FL and Dave Claytor-MI for their contributions. ds.)

News From Project Coordinator Kraig Krist: As mentioned earlier in the column, the third supplement to the SRCU has now been released. Also, work is continuing on the SPEEDX Soviet Radio Guide and the QSL Potpourri Guide.

Jack Sanderson (7738 East Hampton St., Tucson, AZ 85715) is soliciting ideas for a SPEEDX Log Book. If anyone has an idea, a layout, or a suggestion concerning a log book, please forward it to Jack. And remember, if you have any ideas for new projects, please get in touch. My address is: 6200 Wilson Blvd, Apt. 1019, Falls Church, VA 22044. Until the next Project Coordinator Report, 73's.

DXM Book Review: Santo Domingo Journal, by: Jeff White: For six months, between September, 1984, and March, 1985, Radio Earth broadcast over the facilities of Radio Clarin in the Dominican Republic. During that time, Jeff began compiling a journal of his experiences in that country. The result is Santo Domingo Journal. Santo Domingo Journal is not a shortwave book in the strictest sense of the word. It is, instead, a personal look at the country that Jeff now fondly refers to as his "second home." In fact, Jeff has announced that all royalties from the book will be donated to charitable causes in the Dominican Republic. The book is available for \$7.95 postpaid from: The Shortwave Store, N4561 Circle Dr, Cambridge, WI 53523. (Tks to Mike Knitter-WI)

The Tropical Bands Survey is now available from Gilfer. It's only \$4.50, plus \$1 p&h from Gilfer SW, 52 Park Ave, P.O. Box 239, Park Ridge, NJ 07656.

# DJM PRESENTS ... THE CONTEST PAGE

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Welcome to the July Contest Page. Let's get right to the competitions and Awards Information!

**Pin the Tail On Ye Ed:** Well, it looks as though I finally got you on this one! Last month, I wanted to know the engineer at Radio Botswana responsible for introducing their policy of not issuing QSL cards. We had a couple of members try their luck, but nobody had the correct answer. Therefore, I'll hold the question over for one more month. If you can correctly guess the engineer's identity, you'll win a WPLA sticker and button, plus an assortment of club pamphlets and books. If I do not receive a correct answer, winner will be determined by random drawing. Deadline is the 12th.

**Awards Information:** SPEEDX offers a variety of country accumulation awards, based on verifications from Shortwave Broadcasting Countries. There are six classes of awards: NOVICE (any 30 SWBC countries verified), APPRENTICE (any 60 SWBC countries verified), INTERMEDIATE (any 90 SWBC countries verified), ADVANCED (any 120 SWBC countries verified) and EXPERT (any 150 SWBC countries verified). There is also the WAY DOWN UNDER award, which is issued for verifying Antarctica. If you'd like more information on the SPEEDX Awards Program, send a SASE to: Jack Jones, 304 Robinhood Rd, Jackson, MS 39206.....

**Foreign Competition:** Giorgio Romanin-Italy knew that both Argentina & the United States maintain SWBC stations in Antarctica. For his correct answer he'll be getting a SPEEDX Bumper Sticker and SGAL. For our next contest, I want to know the year in which SPEEDX was founded. Winner will receive two pamphlets from headquarters. Final deadline for this competition only will be September 12th. Good luck.

**Geography Quiz:** Last month's mystery country was Indonesia. Congrats to Peg Goddard, of Salt Lake City, who will receive a complete set of SPEEDX Basic Information Pamphlets. Now, this month's quiz. Identify the country and receive a WPLA button. History and profile: This country, located high in the Pyrenees between France and Spain, is under the joint suzerainty of the president of France and the bishop of Urgel (Spain). Drained by the Valire River, this country comprises several high mountain valleys, generally poor in soil but supporting large flocks of sheep. Iron and lead deposits, marble quarries and extensive pine forests cover this country. The people, Catalan in speech and Catholic in religion, live in six villages. This country is governed by a council of 24, elected by heads of families and lead by a syndic. A semi-feudal state, this country is an ancient communal agrarian organization.



**DX Jamboree:** Remember, our category this time is European DX, and we want to see how many stations you can log from that part of the world on the 49, 41 and 31 meter bands from 0000 UTC on July 6 to 2359 UTC on July 7. Send your loggings here, no later than August 12th. Winner will get a club pennant.

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That's all for this month's column, and thanks to those who contributed & phoned over the past month. Next month, we'll have some news concerning the U.S. over-the-horizon radar, plus we'll find out why the VOA was in Cedar Rapids, IA. So, continue to send in your contributions, stay safe, and I'll see you in August.....

**CRACKER COUNTRY:** A quote from an announcer on ORF: "Just spin your dial, and we'll be there.....I hope."

*735 and best-  
David*

## SPEEDX LOCAL CHAPTERS

**PURPOSE:** To further enhance the enjoyment of our hobby, SPEEDX is making provision for the establishment of local chapters of SPEEDX members. Through a local chapter, SPEEDX members will be able to exchange hobby information, make personal contacts, engage in social activity involving the hobby, participate in chapter competitions, and, in general, further their participation in our hobby.

### THE LOCAL SPEEDX CHAPTER:

- a. Local chapters shall be based on geographical areas. In general, only one local chapter shall be allotted a given geographical area. SPEEDXers requesting a charter for a local chapter shall specify the geographical area in their Charter Application. The SPEEDX Board of Directors approval of the local chapter's charter shall be approval of the geographical area for the chapter.
- b. The local chapter shall select the chapter's name. That name shall be included in the Charter Application. The BOD approval of the local chapter's charter shall be approval of the name of the chapter.
- c. To submit an application for a charter for a local SPEEDX chapter, a minimum of THREE members of SPEEDX in good-standing must agree to form such local chapter. At no time shall chapter membership be less than THREE members of SPEEDX in good-standing or the chapter shall be deactivated by the BOD.
- d. When a local chapter is officially chartered by the SPEEDX BOD, ALL members of that local chapter MUST thereafter be SPEEDX members in the any of the authorized membership categories. SPEEDX membership application forms and/or renewal forms shall be annotated by each SPEEDX member with the name of his/her local SPEEDX chapter when he/she is such a member. Additionally, local chapter member names shall be included on the various chapter reports submitted to HQS for the BOD.
- e. To assist local chapter SPEEDX members in attaining SPEEDX Full Member status as currently provided for in SPEEDX policy, the following point system is established: Membership in a local chapter, 3 points annually; officer in a local chapter, 1 point for each month in position; attendance at a local chapter-sponsored event, 1 point per event. The SPEEDX BOD shall broaden this point system for the local chapter concept as experience dictates.
- f. The local chapter shall develop its own By-Laws. Such By-Laws shall not be in conflict with the SPEEDX Constitution.
- g. The local chapter shall communicate with its chapter members by an appropriate means including, but not limited to, regular meetings, personal contact, social events; electronic means; postal including chapter round-robin letters, newsletters and the like.
- h. The local chapter shall appoint/elect a Chapter Secretary who shall correspond with SPEEDX HQS and the BOD on local chapter matters such as reports and forms.
- i. The President of the SPEEDX BOD shall appoint a Chapter Advisor for each local chapter. That Chapter Advisor shall be a current member of the SPEEDX BOD and/or SPEEDX staff.
- j. When a local chapter is established in a particular geographical area, all SPEEDX members in that area shall be requested to the join the local chapter. No SPEEDX member shall be required to join the local chapter, however.
- k. Each local chapter shall be responsible for financing its local activities.

### STEPS IN APPLICATION FOR A LOCAL SPEEDX CHAPTER CHARTER:

- a. Interested SPEEDXer informs SPEEDX HQS, 7738 East Hampton Street, Tucson, Arizona, 85715, of his/her desire to form a local SPEEDX chapter.
- b. SPEEDX HQS sends Local Chapter Application Form and roster of current SPEEDX members in the geographical area under consideration to requestor.



- c. Local SPEEDXers complete Local Chapter Application Form and return to SPEEDX HQS.
- d. SPEEDX HQS verifies information on Local Chapter Application Form and circulates to SPEEDX BOD with recommendation for approval/disapproval.
- e. When SPEEDX BOD approves Local Chapter Application Form, SPEEDX HQS issues Charter to local chapter.
- f. Local chapter secretary completes Chapter Report Form each six months and submits to SPEEDX HQS and to Chapter Advisor.



**SPEEDX**  
 7738 East Hampton Street  
 Tucson, Arizona 85715 USA

SPEEDX ANNOUNCES THE THIRD INSTALLMENT OF THE "SPEEDX REFERENCE GUIDE TO THE UTILITIES" (SRGU). MIKE CHABAK'S THIRD SECTION IS NOW AVAILABLE ONLY TO THOSE HOBBYISTS WHO PURCHASED SECTIONS ONE AND TWO OF THE SRGU.

This brand new release covers:

USCG (United States Coast Guard), chapter addition. Update of the USCG aircraft inventory, 2 pages.

Commercial Aeronautical, chapter addition. Aeradio (ATC) station mailing addresses and airline company mailing addresses, 19 pages.

Basics, chapter addition. Basics of QSLing, along with a five language (English, Spanish, French, German and Portuguese) reception report and PFC/PFL, specifically designed for utility QSLing purposes. Also included are words, phrases and sentences in five languages so as to tailor the basic report/PFC to a specific class of utility station. 31 pages.

And, a new Maritime Mobile chapter. Voice, CW-RTTY, duplex-simplex frequency allocations plus a listing of maritime station call letters and idents. 29 pages.

A total of 81 new pages for your SRGU!!

To order send funds in US dollars to the above address. Repeating, this new installment is available by itself ONLY to purchasers of sections one and two of the SRGU. Make all monies payable to SPEEDX in US dollars. No personal checks outside of the United States. Use international postal money orders or international bank drafts.

Prices:	<u>NORTH AMERICA</u>	<u>FOREIGN</u>
	First Class Mail \$4.75	Airmail Printed Matter \$6.25

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# Product Profiles

News & Reviews

Michael Nowicki N6LUU

Computer info

Box 32215 San Jose, CA 95152

Thanks to your support this column will now be a monthly feature. This month will feature both product reviews and some computer chit-chat as most of the letters received so far were split in favor of the two. Please let me know what you want to see, and don't forget to send in your contributions, product reviews, info on little known books and equipment, etc.

THE LOW AND MEDIUM FREQUENCY SCRAPBOOK, 4th edition, by Ken Cornell, 225 Baltimore Ave., Point Pleasant Beach, NJ 08742. \$10.00 postpaid.

One of the best kept secrets in the world of hobby radio is the license free experimental 1750 meter band from 160 khz to 190 khz. Many dx'ers with radios that go down that low are familiar with the cw beacons and aeronautical broadcasts that inhabit this region.

Anyone can put their own CW, AM, or SSB station on the air as a beacon or for two way communications with the restrictions of a maximum of 1 watt and an antenna and feedline of no more than 15 meters in total length.

This 120 page, 8 1/2" x 11" book will get you on the air in very short order with several schematics for transmitters, pre-amplifiers, receiving converters and ferrite rod antennas.

The somewhat esoteric subject of winding radio frequency coils and using them with capacitors to establish tuning range is covered with enough detail to enable you to roll your own before long.

I've already built the pre-amp and ferrite rod directional antenna for the 10 khz to 550 khz range for about ten bucks and some recruitment from my junk box. This combination works just as well as some of the high priced commercial units aimed at the hobbyist. The broadband pre-amplifier circuit is ideal for loop antennas or to give your old worn out rig a boost.

One of the transmitters is almost completed and should be on the air by the time you read this. Listen for the cw beacon "MIKE SJ" somewhere between 160 and 190 khz, and I will QSL!.

Rudimentary knowledge of electronic construction is required to build these very simple circuits which are mostly one evening projects except for the transmitter that can be as bare boned or full blown as you like.

Parts of the book seem a little disjointed at times with coil winding data for projects found in other parts of the book rather than with the schematics. In some cases not enough coil winding data is presented making construction difficult unless you want to take the time to hassle with complex formulas found in other books or manufacturers data sheets and in the process learn something about permeability of iron and ferrite cores.

This book appears to be the only hands on reference work for MW and VLF experimentation and even though it does have some technical shortcomings, I still recommend it as relief if you've been bitten by the low freq bug.

ICOM R71 PERFORMANCE MANUAL, by Donald E. Moman. Available from Shortwave Horizons, 6815-12 Ave, Edmonton, Alberta, Canada T6K 3J6. \$10.00 airmail postpaid to the U.S., \$10 Canadian elsewhere.

This book should have been subtitled "What you always wanted to know about the R71A but Icom won't tell you". It has an in depth review of the radio and it's shortcomings, and tells you EXACTLY how to go about upgrading it's performance. Projects include increasing SSB level, enabling the pre-amp in the VLF-LF-MW bands, fooling the radio into tuning below 100 khz, using the notch filter on AM and much much more. An alignment section will aid you or your repairman should this ever be necessary.

Ten bucks for a 40 page book might sound a little steep but when you consider that most radio manufacturers have a tiny service manual they sell to repairmen for as much as \$35.00, its not such a bad price after all.

Except for a few of the easy no solder modifications ONLY those of you with experience in desoldering and modifying state of the art pc boards should attempt these modifications. You know who you are and if you're not sure, don't even think of trying it. But if you have an R-71A or you're leaning toward the purchase of one, you will benefit from having this book.

I haven't done much computer talk in previous columns so here goes...

When it comes to radio applications there are basically two types of activity; on the air and support programs. Transmission and reception of CW, RTTY, AMTOR, ASCII, FAX, and SSTV is now very commonplace and economical using just about any personal computer. All installations require software and in most cases some type of hardware interface.

Off the air, or support activities can include using a database or word processor to maintain a logbook, forecasting propagation, learning morse code, designing antenna systems, and analyzing numbers transmissions.

An ever growing grey area combines on the air activities with support functions such as feeding rigs with computer interfaces frequency data from a logbook for unlimited memory channels.

All computer systems, especially home computers generate various levels of RF noise that always seems to get sucked into your antenna circuit. The C-64 is perhaps the most notorious in this regard and the golden rule for all computerized shacks is shielded cables for ALL interconnections and coax for the antenna feedline. Using anything less will downgrade the overall performance to a disappointing and noisy level.

There is not a great deal of difference between a modem for computers communications over the telephone lines and a modem that transceives using a radio. Both are able to convert digital pulses to audio tones and vice versa. All a modem really cares about are the frequencies used for mark and space and the resulting shift employed. Radio modems need a tuning indicator and shift selections and perhaps some better filtering for QRM and QRN. A modem doesn't care if you're sending RTTY or ASCII, they are both combinations of on and off signals creating words which in one case uses 5 bit words while ASCII uses 7 bits per word.

Software tells the computer what to do and how to do it. Most commercial software is written in machine code, not Basic, which is just a beginner's language and nothing more. Machine language is essential for high speed data processing as in the case of RTTY software that can sample bits for inversion while at the same time (or so it seems to the operator) receiving incoming text and printing it to the screen. Try doing that in Basic!

A few months ago I wrote a program to analyze those mysterious FEMA cw transmissions. One part did a character repetition analysis. The machine language version can process and tally about 5000 characters per minute while the same program written in tight structured Basic takes over half an hour to do the same job. Enough said.

When you go shopping for software don't buy until you read at least one review in a magazine that is NOT tied or connected with a particular computer maker or software vendor, or talk to someone who already is using the program. Any product review for software, radios or whatever, that does not mention any shortcomings (nothing's perfect) isn't really a review, but a product announcement. Big difference.

As the market grows and production increases, prices for setting up a computer assisted shack are falling and component size is shrinking. Advanced Micro Devices has their 7910 modem-on-a-chip with incredible digital filter performance. My guess is that it won't be long until the next generation of radios will have a built in RTTY/CW modulator/demodulator interface and an LCD O'scope tuning screen near the S meter.

If you are leaning toward the purchase of a computer, wait a month or two and check out the soon to be released Atari ST "Jackintosh". I've played around with one of the hand wired prototypes and I'm convinced this system will do the same thing the C-64 did; redefine how much computing bang for the buck you will get. Atari and Apple are about to go to war and the heat here in Silicon Valley will brew a very tasty deal for the radio/computer hobbyist as communications programs become available.

I received some letters asking if FAX reception is possible on their brand of computer. It can be achieved in one of two ways. First, if you have at least 64K ram for the program and picture storage and have zero centering on the audio of your cassette port, all you need is some software without any other hardware interface other than an audio cable between your radio and computer. The other approach is to build or buy an external video board and FAX modem circuitry, an expensive proposition indeed.

With all the new radios and accessories coming out, I find it very difficult to include or exclude certain reviews, announcements or just kick back and talk about computers like I did this month. This column, like all the others in this magazine depend upon your input and they are what YOU make it. Tell me what you like.

If you sent a reception report on the SPEEDX net you should already have your QSL cards. 'Till next month 73! N6LUU



PSST!  
**TIPS 'N'  
TOPICS**

JOHN DEMMITT  
Box 4, K0818  
Bellefonte, PA 16823  
DEADLINE: 12th



The big disadvantage to the fluid bulletin is that there are going to be fewer pages in the summertime. It's true that radio reception is down due to propagation and thunderstorms but nevertheless, we need that spark of enthusiasm in the printed form to keep members from drifting away. What better way is there than to sit under your favorite shade tree on the hot summer days reading your favorite radio publication? Readers may want to elect to add some additional publications to their reading lists. Excellent publications in the hobby include Monitoring Times.... The Shortwave Guide.... and last but not least Popular Communications. I might also suggest that you check out the books covering the radio hobby available from Grove Enterprises, Miller Publishing, Gilfer Associates, etc. Let's keep the enthusiasm going so we can be ready for that DX when conditions improve.

TNT - - - TNT - - - TNT

TAKE A HAM TO LUNCH ..... Neal A. Perdue

After 15 years in the wonderful world of shortwave radio, I have reached the point where I sometimes look back and ask myself, "What have I accomplished? How did I get started? Who helped me out? and other rather nostalgic questions. Of course there were many forms of help in the early days; magazines, club bulletins, individuals in the clubs, but I believe I learned the most from "Ham" friends, one in particular will never be forgotten... Lee Gamble WA6PAQ/WB4YWX.

Lee was an advanced instructor in antenna theory at a Navy school in Millington, TN who also worked a parttime job with me at the Station Theater. I had been in the hobby for a few years and had developed an intense interest in antennas since it was valuable information to the SW field. The matchup of the two of us was great luck for me and he would often answer me with such comments as; "Here, read this section.", "I don't know why, it does", "I'll have to look it up" to an exasperated... "Don't you know anything?" Poor old Lee.

I spent most of my off duty hours at his home and in his shack. I learned much of what I know today from him and many of his Ham friends who would often drop by. I was often introduced as "Neal the Swill". Hams more or less tolerate SWL's but always try to convert them. Lee also had a good sense of humor and when asked about the WA6PAQ license plate on the front of his Cadillac (He wasn't hurting for money), he'd invariably answer, "That's my last name - Wapaq. The 6 is silent." I saw many a person looking confused but answering, "Oh, I see."

Lee was a typical Ham and I have met many like him since then. It is a rare Ham who will not respond openly to any questions asked about his hobby or aspects of it that parallel ours, such as propagation, antennas, equipment, etc.

I have made it a point since moving from Tennessee to seek out Hams and develop relationships with them. They are, almost without exception, a fine group of people, friendly, eager to help with a problem and I have never had one charge me a dime to help me solve a problem or troubleshoot a piece of equipment. Many are well qualified in the latter & can save you a bundle in repair costs. I have an appointment with one later this week to check out a used R4-B that I am buying which has an audio problem. The charge will as usual be, "I may need some help getting an antenna up some day." If you get a call from a Ham asking for help installing an antenna - drop everything you are doing and go help. Do yourself a favor and take a Ham to lunch. If anyone knows of Lee Gamble's whereabouts, I would appreciate a card. Thanks.

## SOUPING UP AN OLDER RECEIVER

by: John M. Kapinos  
86 S. Quinsigamond Avenue  
Shrewsbury, MA 01545  
(c) 1985

Many folks speak of the "Good Old Days" of our hobby. Less crowded bands, better propagation, and less stringent QSL policies. [Yes, Radio Canada International used to QSL ALL valid reception reports]. Radio Botswana, perhaps today's most notorious non-QSLer, was most obliging until they were inundated with literally thousands of bogus reports from "SWLS" in a certain High Tech Asian country. But, QSLing is not the subject of this discourse.

Back in the 1950's and 1960's some of the world's great DX machines were produced. Gems such as the Hammarlund HQ180 and SP600 series, the Halli-crafters SX series and the fabled Collins R388 and R390A. In today's world, all but the Collins rigs have a major problem, the inability to ascertain the exact (or very close to it) frequency one is tuned to. We are so used to Digital this and Digital that that we don't care to take the time to use crystal calibrators, BC221 frequency meters, or as many folks did, handmake reasonably accurate calibration charts.

With a minimum of electronics knowledge one can know add Digital Readout to these older sets. If one is an "appliance operator" (as is the author), the local TV fixit shop can install the little gadget for you in a few minutes and minimal cost.

The two Digital units that come to mind are the KRS series distributed by Radio West (3417 Purer Road; Escondido, CA 92025) and the Torrestronics TK distributed by Universal Shortwave (1280 Aida Drive; Reynoldsburg, OH 43068). Fred Osterman at Universal and Grant Manning at Radio West are most knowledgeable folks and should be able to help with any set-up instructions.

The author has had experience with both units and can vouch for their reliability. I've used them with many receivers, including a 1936 model National HRO to the old standby, a Realistic DX160A. At around \$150, a pretty good investment, even for a backup receiver to your brand spanking new ICOM, Yaesu or Kenwood.

The courtesy of an SASE is always appreciated by suppliers and authors alike.

RECEIVER SHOPPING TIPS ..... Ruth Hesck, NY  
The monthly magazine CHANGING TIMES had an article under "Shopping Tips" about shortwave radios in the November 1984 issue, the author not identified.

It stated that the increased popularity of shortwave listening is due to the introduction of computerized receivers. Discussed were the Panasonic RF-9, Toshiba RP-F11, Panasonic RF-2200, Sony ICF-6500, Sony IF-2002, Panasonic RF-799, Panasonic RF-B50, Realistic DX-400, Sharp FV-610GB, Sharp FV-310 GB, Sony ICR-4800, Sony ICF-7600A and the Uniden CR-2021.

Mention was made of the "types of programs available and from which countries." Also information was given about Sony's "Directory of World Band Radio", "The World Is Yours" by Sam Alcorn, Review of International Broadcasting, Miller's "Short-wave Guide", WRTH, Gerry Dexter's "QSL Address Book", "Radio Receivers-Chance or Choice" by Rainer Lichte and, ANARC.

Explanations are given about shortwave signals, Hams, maritime and military transmissions, the effects of ionosphere and solar radiation, season and time of day upon reception. The effect of geography upon fading was explained.

A chart of 11 small and simple radios was given based upon Larry Magne's report of them in WRTH.

This magazine is available in public libraries.

## AFRICA ON 60M

Here in eastern USA summer twilight is a good time to "listen" to the Africans on 60 meters. They have been peaking at 2200-2300 here in eastern PA. Time translates to 6-7PM just before the atmospherics come up with approaching darkness. Tune in Gabon, Cameroon, Senegal, Kenya, Swaziland, RSA, Togo, etc. My scout signal is GABON on 4810. If it comes in well an hour or so earlier it suggests good signal levels are on the way for other stations.

Programs are largely musical. Expect interesting and often enjoyable listening. Treat yourself to some good "listening" with a dipole antenna for 60M. Use inverted-V for easy erection. Cut it 47 foot on a leg and mount it broadside to central Africa.

## AM SIDEBAND RECEPTION

Don't forget to try sideband for AM reception if your receiver is so equipped. When a station is in a murky situation sideband can help to reduce the effects of noise and interference and improve clarity. You must develop some additional tuning skill so don't be discouraged if all doesn't go well the first several attempts. In fact it takes more patience to bring out a good sideband audio from an AM signal with its carrier and two sidebands than tuning in a strictly sideband signal. No question that sideband improves ID voice clarity when you must receive narrow band. When you switch to sideband you will hear a heterodyne whistle. Tune it to the low frequency end to a zero. Around this point tune very slowly for best voice reproduction. For most receivers the zero will come on station frequency for one sideband (upper or lower) and slightly off zero (about 200 hertz) for the opposite sideband setting. Choose the sideband away from the interference is a general rule.

## SW-7800 TIP

Ruth Hesck, NY

The April 1985 issue of QST contains an evaluation of the Heath SW-7800 General Coverage Receiver, by Paul K. Pagel, N1FB. He mentions the "IMD dynamic range of this radio limits its sensitivity when strong signals are near the weak ones. A fairly strong, clear signal is necessary for good reception." "The radio is relatively free from 'birdies'." After turned on it "drifts about 3 kHz in the first hour." "The radio is suitable for the casual SWL or as a ham shack add-on."



# SPEEDX

7738 East Hampton Street  
Tucson, Arizona 85715 USA

ANOTHER ADDITION TO THE SPEEDX

LIBRARY FOR THE SHORTWAVE HOBBYIST!

"THE SPEEDX GUIDE TO LATIN AMERICAN DXING" (LAD)

A 36 page booklet on DXing Latin America, intended for both the novice DXer and the hardened veteran. Loaded with useful info including Spanish for DXers, understanding Latin American station IDs, DXing Harmonics, medium wave relays, Latin American propagation, networks and so on. A country by country look at shortwave broadcasting is included. A complete Latin American station list rounds out the booklet. Cost in North America is \$2.50 (\$2.25 to Full Members) or 9 IRCs. Airmail to the rest of the world is US\$3.50 or 12 IRCs.

ORDERING INFORMATION: Order from SPEEDX, 7738 East Hampton Street, Tucson, Arizona 85715 USA. Make all monies payable in US funds through a US bank. No personal checks accepted outside the USA! Overseas use International Money Order or Bank Draft.

NEW CATALOG AVAILABLE FROM GROVE ENTERPRISES ..... John Demmitt, PA

Grove Enterprises has a new catalog available that will have a lot of surprises including some price reductions, changes and additions of items for sale and the introduction of the new line of the JIL SX200 & the SX400 scanners. The former mobile antennas are being replaced with a higher performance low profile magnetic mount antenna. To get your new catalog write Grove Enterprises, PO Box 98, Brasstown, NC 28902

ENVELOPE STUFFING THE EASY WAY ..... John Kapinos, MA

When sending a SASE, rather than folding a #10 envelope inside of a #10 envelope, which often gets mangled by the postal handling machinery, visit your local office products store and purchase some #9 envelopes which fit nicely inside a #10. These are large enough to accept 8½" standard paper.

RADIO POLONIA ..... Krist Kraig, VA

Krist reports that in order to meet the requirements of the R. Polonia DX Club in sending in ten reception reports a year, he discovered the frequency of 7145 KHZ at 0200 UTC that gives the best results.

TIPS FROM THE USPS ..... John Demmitt, PA

A little known postal rule requires first-class mail weighing one ounce or less but thicker than ½" must have in addition to the regular 2¢ postage, a surcharge rate of 7¢! Thanks to our CDE, Peggy Thompson and the State College, PA Postmaster for pointing this out. By packing the loggings to meet the postal rule, you can avoid delays and possible surcharges.

The postmaster also points out that the USPS does prefer that addresses containing the extended zip also contain the box number as part of the address in order to help expedite the distribution. The more complete the address is, the easier it is to understand.

SPACE SHUTTLE RE-TRANSMITTED FREQUENCIES ..... John Demmitt, PA

The following frequencies should be added to your hot list and should be checked during the space flights by those who are interested.

NOTE: This is only a tentative list and comes from the ARRL.

NASA/Goddard Amateur Radio Club:	NASA/JPL for Los Angeles/Pasadena:
3.860 MHZ SSB Evening & Night	224.040 MHZ FM & 145.460 MHZ FM
7.185 MHZ SSB Daytime	Huntsville, AL-Marshall Space Flt:
14.295 MHZ SSB Continuous	145.430 MHZ FM
21.390 MHZ SSB As Available	NASA/AIMS Amateurs for San Franc.
147.450 MHZ FM Continuous	145.580 MHZ FM

SODRE CHANGES NAME BUT NOT LETTERS ..... Don Moore, Uruguay

SODRE has changed its name but not its initials. It used to be the Servicio Oficial de Difusion Radio Electrica but now is known as the ... Servicio Oficial de Radiotelevision y Espectaculos. The International service can be heard daily on 9620 and 15275 (ex. 15300) at 2100-2300 UTC. Reports should be addressed to: Fernando Manfred, SODRE  
Agustin Urtebey 1329 Apto: 11  
Montevideo, Uruguay

The above address is not the main address but the reception reports will be processed much faster.

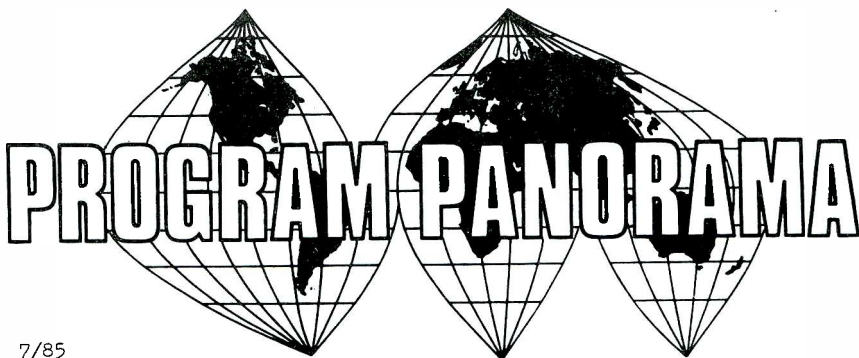
TNT - - - TNT - - - TNT

I managed to copy bits and pieces of the first transmission of Radio Marti on 1180 KHZ in the null of WHAM. Ruth Hesch and Bob Thunberg tell me Radio Marti can also be found on 9570 and 11815 KHZ. Happy DX'ing.



Take your portable RX to the picnic.

73's  
John



# PROGRAM PANORAMA

7/85

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

ECUADOR...HCJB has recently published a new English program schedule. The current schedule has been prepared in the popular chart form, so listeners can tell when their favorite program is scheduled at a glance. On the reverse of the schedule is a large poster-size photo of an Ecuadorian mountain scene. The schedule is available free of charge from HCJB in Quito. Be sure to send some return postage or IRCs for air mail delivery.....OPEN LINE is HCJB's phone-in program, heard on a monthly basis. In July, the MUSICAL MAILBAG gang will be the hosts for the show, sometime during the 3rd week of the month. In August, John Beck of DX PARTY LINE will answer your calls during the 3rd week of that month.....It was sad to note that ANDEX Executive Director Ruth Stanley and her husband John will be returning to the USA soon for an indefinite period. We wish them the best and hope that the change of climate will help improve their health. Doris Hastings will take over Ruth's ANDEX duties.....MUSICA DEL ECUADOR is now scheduled at the following times: 0115 UTC Sun, 0545 UTC Sun, 1000 UTC Mon, 0230 UTC Wed, 0515 UTC Wed and 2145 UTC Fri. (Thanks to David Sharp, FL).....(Peter Dillon, DC): "I like foreign languages and native folk music. HCJB's Quechua broadcasts to South America from 2200 to 0030 UTC on 9745 and 11900 kHz satisfy my cravings for both. Quechua is an ancient language spoken by Andean Indians living in Bolivia, Ecuador and Peru. It has a quality and grammar all its own, although today it is filled with Spanish words--and one of them is musica. HCJB's program is mostly talk, I'll admit, but the Andean flute and harp music is worth the listen. The program also includes Quechua folk songs sung by a chorus without instruments and guitar tunes. It is interesting to note that the guitar selections do not betray any Spanish influence--they seem to resemble American folk music. Another Ecuadorian station which broadcasts in Quechua is Radio Federacion on 4960 kHz with fade in on the East Coast at about 0000 UTC. It is sometimes difficult to hear, but the music is first rate--especially the flute selections. On occasion, they teach Quechua folk songs to a live children's chorus."

JAPAN...Ralph Famularo of Japan sent an English translation of the programs which can be heard over NSB. Last month we listed the programs for NSB #2. This month we will look over NSB #1: 3925, 6055 and 9595 kHz(2045-2030 UTC) Mon-Fri 2045 WEATHER AND MARINE FORECASTS 2100 FISHING, AGRICULTURAL AND FORESTRY PROGRAMS 2200 LET'S WORK HAPPILY 2330 STOCK MARKET AND FINANCIAL PROGRAMMING 0700 VARIETY PROGRAM 0900 ENGLISH LANGUAGE LESSON 0930 UNIVERSITY ENTRANCE EXAM INSTRUCTION 1000 VARIETY 1100 NEWS 1110 PROGRAMS FOR MEDICAL PERSONNEL 1300 NEWS 1305 THE MONEY 1400 UNIVERSITY ENTRANCE EXAM INSTRUCTION 1530 NEWS ALL NIGHT; Sat 2045 WEATHER, ETC. 2100 MUSIC FLOWER GARDEN 2145 CATTLE AND AGRICULTURAL PROGRAM 2215 DENTIST'S PROGRAM 2230 MORNING CALL and SOUND COLLAGE 2330 OCEAN SAFETY 2340 HORSE RACING 0750 NEWS 0800 MUSIC AND NEWS, including 0830 CANADA THIS WEEK 0900 ENGLISH LANGUAGE LESSON 0930 VARIETY PROGRAM 1220 WOMEN'S EMPLOYMENT PROGRAM 1235 MUSIC AND NEWS 1300 VIVA! SKYWATCH 1315 EDUCATIONAL PROGRAMMING 1630 SIGN OFF; Sun 2045 WEATHER, ETC. 2100 MUSIC FLOWER GARDEN 2145 STATISTICS (to be continued)



JAPAN(Con't)...2150 WORLD FISHING REPORT 2200 EDUCATION 2230 AGRICULTURE 2245 SOUND COLLAGE 2330 CHILD CARE PROGRAM 0000 NEW MEDICINES 0030 ECONOMICS 0050 HORSE RACING 0745 NEWS 0815 SMILING FOR YOU 0815 HEART & BODY(Buddhist religious program) 0830 EDUCATIONAL PROGRAM 0900 ENGLISH LANGUAGE LESSON 0930 IDLE PHONE 1100 BIOLOGY PROGRAM 1130 SONY WORLD NETWORK 1200 COMPUTER INFORMATION PROGRAM 1220 EDUCATION FOR FOREIGN CHILDREN 1240 JAZZ TIME 1255 NEWS 1300 MEDICAL PROGRAM 1355 CLASSICAL MUSIC 1410 MEDICAL CORNER 1430 UNIVERSITY ENTRANCE EXAM INSTRUCTION 1630 ASIAN EXPRESS with Agnes Chan 1700 SIGN OFF. Sounds like a varied schedule of programs.....Radio Japan's English to North America 0015-0115 UTC, Western Hemisphere 0200-0300 UTC and Australasia 0845-0945 UTC: Each daily transmission begins with 10 minutes of NEWS, then 10 minutes of COMMENTARY. 10 minutes of ASIAN NEWS complete each transmission. The 30 minutes between these programs consist of the following weekly programs: Mon JAPAN TRAVELogue, WHAT'S ON RADIO JAPAN, CROSSCURRENTS; Tue OUR HERITAGE, LET'S LEARN JAPANESE; Wed RADIO JAPAN JOURNAL, LET'S PRACTICE JAPANESE; Thu ASIA NOW, SCIENCE TODAY; Fri ECONOMIC NEWS AND VIEWS, ONE IN A HUNDRED MILLION; Sat RADIO JAPAN JOURNAL, DX CORNER; Sun HULLO AMERICA(or AUSTRALASIA). (Forrest Bishop, NY)

JORDAN...Radio Jordan publishes a colorful program pamphlet for its English schedule. You can hear English on 9560 kHz from 1500-1730 UTC. Here is the schedule for the different blocks of time: 1500-1600 UTC--Sat SPECIAL FEATURE, PIANO MAGIC; Sun LISTENERS CHOICE; Mon THIRTY MINUTE THEATER, POP SESSION; Tue SCIENCE REPORT, POP SESSION; Wed JORDAN WEEKLY, POP SESSION; Thu SPECIAL FEATURE, POP SESSION; Fri COUNTRY MUSIC; 1600-1700 UTC--NEWS SUMMARY, followed by Sat TOP TWENTY; Sun JAZZ HOUR; Mon SPORTS ROUNDUP, MUSIC; Tue TOP TWENTY; Wed OVER A CUP OF TEA, ARAB SCIENTISTS; Thu IN CONCERT; Fri TOP TWENTY; 1700-1730 UTC--Fri,Sat NEWS; Sun--Thu NEWS DESK. (Thanks to Yutaka Tazima, Japan--your English is fine, about 100 times better than my Japanese--hi.--and Ed Soomre, MA)

KOREA(Rep. Of)...Radio Korea broadcasts in English to North America daily at 0145 UTC(11810, 15575), 0330 UTC(9570) and 1400 UTC(9750, 15575 kHz). The program lineup is: Mon thru Fri NEWS(15 min.), NEWS COMMENTARY(5 min.), SEOUL CALLING(20 min. magazine program), LET'S LEARN KOREAN(5 min.), then these weekly 15 min. programs--Mon CULTURAL POTPOURRI Tue KOREANS ALL! Wed PULSE OF KOREA Thu INSIDE NORTH KOREA Fri KBS SALON; on Sat you can hear NEWS and NEWS COMMENTARY as on weekdays, then ECHOES OF TRADITIONAL MUSIC(15 min.) and BRIDGE OF FRIENDSHIP(25 min.); Sun has WEEKLY NEWS REVIEW(20 min.), YOUTH IN ACTION(15 min.) and SHORTWAVE FEEDBACK(25 min.). (Betsy Robinson, TN; Michael J. Neuverth, CO)..Member Giorgio Romanin of Italy informs us that Radio Korea has begun its Italian Service to Europe at 1600-1615 UTC(6480 and 7550) and 0645-0700 UTC(11820 and 15575 kHz). The program probably consists entirely of NEWS. Welcome to Giorgio!..... Thanks also to SPEEDXer M.L. Flannagan of VA for his contribution!

NEW ZEALAND...Two Radio New Zealand programs of interest: MUSIC FOR PLEASURE can be heard Mon-Fri at 0400 UTC, while the current affairs program CHECKPOINT can be heard Mon-Fri after the 0600 UTC NEWS. The frequencies for both programs are 71960 and 15150 kHz. (David Claytor, MI)

PORTUGAL...Radio Portugal broadcasts in English to North America Mon-Fri at 0030 and 0300 UTC on 6095 and 6090 kHz respectively. After the daily NEWSCAST, you can hear: Mon TOURISM IN PORTUGAL Tue OUR CHOICE OF MUSIC Wed HISTORY AND CULTURE Thu REPORT FROM PORTUGAL Fri MAILBAG/PHILATELY/DX. (Direct) No English on weekends from Portugal!

USA...(Phillip M. Dampier, NY)"Radio Marti programs are usually quite interesting to listen to, since they provide a decent signal and something controversial to listen to. I find that for Latin American music, Radio Marti is a great place to turn to...(They) have several morning drivetime music programs...The times have varied, but listen about 1300 UTC...The best part of their whole news is the news theme which sounds neat...The news broadcasts are sometimes full of reports from Spain and Washington, usually about...the Kremlin, Havana, etc." 6/14/85

# WORLD SERVICE STATION SKEDS

## PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

# STATION SKEDS

Editor:

CHRIS LOBDELL

P.O. Box 146

Stoneham, MA 02180

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

Deadline: 12th

Hello fellow SPEEDers! I hope all of you had a nice Independence Day celebration on the 4th of July. Since it is only the 12th of June as I type this, I can't tell you about my celebration but it should be good. We are going up to the Crane Estate in Ipswich to picnic and watch the fireworks.

We are in the J85 period which will remain in effect until the first Sunday in September. Unless otherwise noted, schedules are for English language programs. All times quoted are in UTC/GMT.

**AUSTRALIA.** Radio Australia has this J85 schedule for transmission most likely received here in North America.

0200-0400 17795 Shepparton  
0800-1400 9580 "  
2100-0100 17795 "

(C. Harada, R. Yajko)

**GERMANY** (Federal Republic): Deutsche Welle. J85 broadcasts to North America.

0100-0150 6040, 6085, 6145, 9545, 9565, 11785 to Eastern sections.  
0500-0550 5960, 6130, 9545, 9690, 11705 to Western sections.

(D. Claytor)

**HOLLAND.** Radio Netherlands, Happy Station schedule. This became effective on March 31, 1985.

0130-0225 6020F North America  
9895F "  
0230-0325 6165B "  
9590B "  
0430-0525 9895F Middle East  
11720F "  
0530-0625 6165B North America-West  
9715B "  
0730-0825 9630B Australia/NZ  
9715B "  
0830-0925 21485M Asia/Middle East  
1030-1125 6020B Australia/Surinam  
9650B "  
1130-1225 5955F Europe/ME  
9715F "  
17605F "  
15560F Southeast Asia  
17575M "  
21480M "  
1430-1525 5955F Europe  
11740M Southeast Asia  
15560F "  
17575M "  
17605F "  
1630-1725 6020M East Africa  
9515M "  
1830-1925 6020F Europe  
6020M South/East Africa  
9540M "  
17605B Central Africa  
21685B "

**HOLLAND: CONT.**

2030-2125 9540M West Africa  
9715M "  
11730F "  
11740F "

Transmitter are as follows:

F = Flevvo, The Netherlands  
B = Bonaire, Netherlands Antilles  
M = Madagascar  
(J. Cirone)

**ITALY.** RAI in Rome. This J85 sked is valid until September.

0100-0120 9575 North America  
11800 "  
0350-0410 9775 South Asia  
11905 "  
15330 "  
0425-0440 6165 Mediterranean Area  
7275 "  
1935-1955 7275 Great Britain  
9710 "  
11800 "  
2015-2045 7235 Near East  
9575 "  
11800 "  
2200-2225 9710 Japan  
11800 "  
15330 "

(J. Buday, P. Card)

**ISRAEL.** (SORRY, OUT-OF-ORDER!)

Kol Israel has made the following changes to their current schedule. 9440 has been changed to 9435 on all transmissions. All broadcasts announced as being on 7412 are actually on 7410 kHz. (R. Munster)

**ITALY.** Adventist World Radio is being broadcast from a 3 kw transmitter in Forlì for the J85 broadcasting period as follows:

0330-0400 7130 Russian Sat/Sun  
0400-0430 7230 Rumanian Sat/Sun  
0600-0630 7125 English weekly  
0630-0700 " "  
0700-0730 " French "  
0730-0830 " German "  
0830-0900 7200 Yugoslav langs "

ITALY: CONTINUED.

1600-1700	6205	German	Weekly
1700-1730	"	Yugoslav_langs	"
2200-2300	"	English	"

I'm not sure what our reporter means when he says weekly. It could mean weekdays only or all the days of the week.

The aerial is a dipole and they are hoping to get a transmitter with 100 kw of power soon.

(G. Romanin)

JORDAN. Radio Jordan in Amman has the following English language schedule.

1500-1730	9560	English
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(E. Soomre, C. Yeager)

MONGOLIA. Radio Ulan Bator. Here is their summer schedule, which became effective on May 6th.

1200-1235	9615	Far East
	12015	"
1255-1330	9575	Southeast Asia
	15305	"
1445-1520	9575	South Asia
	12015	"
1940-2015	9575	Pacific
	15305	"

(S. Miyauchi)

SWITZERLAND. Swiss Radio International in Berne. This schedule is valid until November 11th.

0200-0230	6135	North America
	9725	"
	9885	"
	11925	"
	12035	"
0400-0430	6135	Western N. America
	9725	"
	12035	"
	15305	"
0830-0900	9560	Australasia
	15305	"
	15570	"
	17830	"
1000-1030	9560	"
	15305	"
	15570	"
	17830	"
1100-1130	11795	Far East/Australia
	15570	"
	15585	"
	17830	"
1330-1400	11955	South Asia/India
	15570	"
	15585	"
	17785	"
	17830	"
1530-1600	15430	Africa/Middle East
	17570	"
	17830	"
	21770	"
1830-1900	9885	Africa/Middle East
	11955	"
2100-2130	9885	Africa
	12035	"
	15570	"

(B. Campbell, W. Muzyka, R. Yajko, G. Romanin, M. Hardester)

SYRIA. Radio Damascus in Syria has this undated schedule.

1200-1300	16816	North America
	17840	"
2000-2100	15435	Europe
	19436	"

(G. Thompson)

USA. Voice Of America. Here is the shortwave schedule of the Spanish language Radio Marti program beamed to Cuba.

0930-1200	6075	250 kw
1200-1400	9570	"
1400-1730	11815	500 kw
2030-2300	11960	"
2300-0300	9660	250

(F. Welch)

USA. WRNO - New Orleans. J85 schedule.

0000-0300	7355
0300-0600	6185
1500-1700	11965
1700-2200	15420
2200-0000	11890

SUNDAY'S ONLY

0500-1100	6185
1100-1300	9715
1300-1500	11965

(J. Cirane)

VIETNAM. The Voice Of Vietnam in Hanoi. Undated, but current.

1000-1030	12035, 9840
1100-1130	12035, 9840
1330-1400	12020, 15010, 10040
1600-1630	12020, 15010, 10040
1800-1830	12020, 15010, 10010
1900-1930	12020, 15010, 10040
2030-2100	10040, 12020, 15010
2330-0000	9840, 12035

(B. Robinson)

Well, it is a short column this month, due to the natural drop off in activity as the summer approaches. Most people would rather be at the beach rather than in a hot humid attic trying to hear a Peruvian thru the static. For those of you who don't mind these conditions, there is some DX that can't be heard at any other time during the year.

**REMINDERS:** Be sure to put your name (last name and first initial) on each schedule. Do not write on both sides of the paper. All times should be in UTC/GMT. Please be sure the schedules you submit are up-to-date and accurate.

I guess this wraps up another STATION SKEDS column for the month. Have a good summer and enjoy the nice weather.

73/God Bless,

*Chris*



# WESTERN HEMISPHERE

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**Charlestown, MD 21914**

**DEADLINE: 12th**  
**TIMES: UTC**  
**FREQUENCIES: kHz**

Things seem to be jumping this month in the US, radiowise. The VOA seems to be relaying Radio Marti, and the new WMLK was testing again. You can check the US section for all the details.

Got a letter the other day from one of my "touches" on the West Coast, Dan Sheedy, wanting to know if any of you have been hearing LV de Galapagos on 4810 lately. I know I haven't, and they have yet to be reported this year (I think). Something tells me they may have gone inactive. Remember a few months ago when there was a big fire on the Galapagos? Maybe it got the station?

Well, a sure sign of summer is a lack of anything to gab about and a drop in reports, and we've got both this month. So, I'm just going to dive right into the logs, and if anything hits me while I type, I'll let you know. Remember, if no language is given, the station was broadcasting in SS, or PP in Brazil...

## A N T I G U A . . . BBC Relay

- 6175 0000 EE, ID, TPs, wld nx, "News About Britian" (444 5/14 Dillon MD)
- 0600 EE, nx, correspondents reports (454 5/20 Nowicki ??)
- 2115 EE, "Why I am an Atheist" series (BBC must be running low on good programs jc) (444 6/1 Ruckman OH)
- 2217 EE, comments on Walker spy case (344 6/8 Dennis IN)

## A R G E N T I N A . . . RAE

- 9690 0100 EE, excellent sig, nx, mx, gave full sked at opening (444 6/10 Dampier NY)+1
- 11710 0145 EE, ID, QTH, QRM de Moscow, sked given (323 5/19 Harrington CO)
- 15345 1230 EE, cultural comment, mx, 1302\* (252 5/19 Zilmer NM)

## B E L I Z E . . . R. Belize

- 3285 0440 SS, US pops, nx, thot I had ments of R. Belize, but no clean ID, NA at 0507, 0510\*. CW QRM de CKN on 3288 (423 5/14 Berri CA)

## B O L I V I A

- 5005a 0157 Rdif. Cristal, "dind-din" mx (alright Dan, you stumped me. What's "dind-din" mx? jc), similar to what's played on R. del Pacifico 4975, IDs at 0157, Banco Nacional de Bolivia ad at 0200, single tone, another ID. Usually under summer noise (pr 5/30 Sheedy CA)

## B R A Z I L

- 4845 0202 R. Nacional, Manaus, US pop mx (432 5/22 Bishop NY)
- 4885 0725 R. Clube do Para, ID, promos w/reverb "Exodus" theme in background, then into upbeat Brasopops (222 5/5 Wegner TX)
- 4915 0300 R. Anhanguera, pleasant Brasopops. good ID at 0300 (fr 6/5 Cereghin MD):9400 (433 5/5 Frank ONT)
- 4945 0740 R. Nacional, YL holding phone interview w/OM, followed by lively accordin mx (333 5/30 Nowicki CA)
- 4965 2300 R. Poti, ID, pop mx (343 5/5 Frank ONT)
- 4985 0550 R. Brasil Central, Brasopops and nice EZL vocals. ID as "Brasil Central Goiania" (343 5/14 Schmutz NY):2328 (353 5/16 D'Angelo PA)
- 5025 0345 R. Borborema, big-band LA mx, beautiful even through static, but w/fair sig. Dropped out 0355 w/US pops (333 5/27 Witte CA)
- 5045 0758 R. Cultura do Para, long promos w/freqs (still using kilocycles), even a few EE words, gave ID at least 10 times in 2 minutes, like many Brazilians- more tx than mx! (222 5/5 Wegner TX):0039 (333 5/9 Dillon MD)
- 6065 0759 R. Nacional do Amazonia, ID ending "...in Brasilia", ad string, RNA promos, ment of Radiobras (gd 6/4 Cereghin MD):0003 (434 5/12 Bishop NY)

more BRAZIL

- 11745 0210 Radiobras, EE, info on soccer game in Bogota, ID, feature on a musician (444 5/19 Manning TX)(544 5/20 Manderscheid CA)(555 5/9 Hunt NC)+3
- 11815 0945 R. Brasil Central, singing, weak sig at first, then stronger by 0954 when ID given. At 0955, overpowered by DW s/on on 11810 (353 5/23 Hesch NY)
- 15190 2124 R. Inconfidencia, football game til 2145, IDs and amnts during breaks, Brasopops from 2150 (232 5/19 D'Angelo PA)
- 17755 1815\* R. Surinam Int'l via Radiobras, DD/EE, DD tx, ID, "Ladies and gentlemen, now your attention for the English news review", off w/choral anthem (353 5/27 D'Angelo PA):1810, no EE nx noted, gone by 1815:30 (353 5/15 Scheel IA)

C A N A D A

- 6005 0205 CFCX, Montreal, EE baseball, Expos at Padres (333 5/30 Bradley MA):1302 (333 5/9 Bingham MA)
- 6070 1335 CFRX, Toronto, EE, wx from CFRB, pop mx, ad for Blue Cross (444 5/9 Bingham MA):2212 (444 6/8 Dennis IN)

BBC Relay

- 9590 \*2200 EE, ID, wld nx, "The World Today" (343 5/17 Fisher NM)

CBC

- 5960 2205 EE, wld/Canadian nx (333 6/8 Dennis IN)
- 6065 1136 EE, baseball/hockey scores, "Good Morning Quebec" (454 5/18 Bingham MA)
- 6195 0937 EE, sx nx, "Morning Show" (343 5/29 Bingham MA)
- 11720 2105 EE, usual px of tx, sx, nx, wx, TCs (323 5/9 Rocker MS):1359 (333 5/18 Bingham MA)(322 5/19 Manning TX)

R. Canada Int'l

- 5960 \*0200 EE, nx, wx, hockey scores, "RCI Journal" (454 5/24 Bingham MA)
- 0317 EE, "SWL Digest" (433 5/27 Leonard FL)(how's the vacation? jc)
- 2359 EE, "RCI Journal", IS at 0029, into FF (554 5/28 Bradley MA)
- 9755 0041 EE, "Listener's Corner" (555 5/20 Manderscheid CA)(444 5/21 Bingham MA)
- \*0300 EE, wld nx, "SWL Digest", //5960 (545 5/13 Neuverth CO)(Bishop NY)
- 11710 2300 EE, "SWL Digest" (555 5/25 Card RI)
- 15150 2159\* EE, African service, tx abt VE Day 40 years ago (333 5/8 Bingham MA)
- 15190 0120 EE, tx on sale of telephones to China (444 5/12 Stephenson CA)
- 17820 2135 EE, topical px (432 5/21 Shreedhar INDIA)

C H I L E...R. Nacional

- 15140 1513 TC/ID "Once horas quince minutos en Nacional de Chile", into SS versions of adcon/dance mx (fr/gd 5/22 Sheedy CA):0000 (444 6/10 Dampier NY):2040 (454 5/30 Carlson WA)(444 5/18 Dillon MD)(444 5/12 Stephenson CA)

C L A N D E S T I N E

- 4950 0440 R. Quince de Septiembre, excited anti-Sandanista tx abt revolucion in Nicaragua. Directional antenna confirms QTH to the south (certainly not Angola, as reported in some other pubs). Slogan of this station is apparently "Año de la verdad". I wonder if there is really a LV de la Verdade in Angola as listed in some references! No ID on the hour, but clear ID at 0520 in march mx. Why is this station reported as R. 15 de Sept.? (Weil Neal, since 'Quince' is Spanish for "fifteen", I'm just saving some space when I do that. jc)(5/14 Perdue AL):"Año de la ofensiva final" (333 5/11 Dillon MD)
- 7400 0248 LV del CID, lotsa tx abt Cuba, ID at 0248 (5/26 Perdue AL)

C O L O M B I A

- 4785 0945 Ecos del Combeima, LA mx, TC/ads after each song, clear IDs (343 5/9 Dillon)
- 4865 0924 LV del Cinaruco, TCs, LA mx, IDs (543 6/1 Thompson CA):0358\* (333 5/5 Frank ONT)(343 5/12 Dillon MD)
- 4945 0734 CARACOL, none of the Brazilians on yet, hyped-up tx even at this hour, ads for Coke (not that new stuff I hope, hil). No mx yet, info-type px, or nx? (fr 6/4 Cereghin MD)
- 4975 0955 Ondas del Oteguaza, instr. mx to 0958, then s/on, NA 0959, another ID, then 3 chimes at 1000. Ute (NAM) was absent today (5/27 Perdue AL)
- 5095 0255 R. Sutatenza, SS? (yeah, jc), positive ID, followed by promos, jingles, ads, CW QRM (433 5/27 Leonard FL):0731 (433 5/13 Thompson CA)(5/9 Hunt NC)
- 5955 0950 LV de Centauros, must have joined CARACOL net, IDs "Informacion de CARACOL", "CARACOL de Colombia", "El CARACOL, numero uno", TC, ment. of Meta, het (333 5/12 Dillon MD)(Good catch Peter! Take note of the CARACOL net addition of this station. jc)

C O S T A R I C A

- 4832 0645 R. Reloj, ID, LA mx (343 5/26 Nowicki CA):0750 (454 6/6 Lehman MA)
- 6006 1038 R. Reloj, lively LA mx, ID/TC, samba mx, slight het (333 5/12 Dillon MD)
- 6150 1102 R. Impacto, caught tail-end of s/on "Buenos dias Costa Rica, buenos dias Centro America", Impacto ID, then "Hoy en historia" (333 5/14 Wegner TX)

no real reason to start Cuba here. Just got an Atari 800XL computer, upgrading from my old Atari 800. Only paid \$99! My old 800 cost \$549 only four years ago!

C U B A...R. Havana Cuba

- 6100 0150 NF?, EE, "Cuban Culture", "Musical QSL", //6140, ex-6090? YVTO/DW QRM. //9740 not //6140 at 0000 (vg/ex 5/26 Sheedy CA)  
 0338 EE, Central American nx (444 5/26 Trotto FL)  
 0515 EE, tx on South Africa, usual political line on a book about Angola (544 5/27 Valentine CA)  
 6230 0400 a spur or something w/distorted overmod. Mx and IDs (444 6/9 Dampier NY)  
 9740 0230 EE, nx, ment. broadcasting to NA on 9740 and 6000 (not 6100 as above? jc) QRMing HCJB bad on 6095 and 9745 (555 5/28 Scheel IA)(433 5/30 Zilmer NM)  
 0334 EE, "Today in History", tx abt R. Marti (433 5/27 Swinn CA)  
 17885 2100 EE, mx and nx (444 5/23 Valentine CA)  
R. Moscow Relay  
 11840 1845 EE, "Victory Day" speeches (453 5/9 Fraser MA)  
 2007 EE, nx, ID (555 5/18 Harrington CO)  
R. Rebelde  
 5025 0427 SS, pop mx, ID btwn songs (444 6/9 Dampier NY)

E C U A D O R

- 3381 1037 R. Iris, nx/cmnty abt national politics, Andean mx btwn segments, some CW QRM (322 5/16 Wegner TX)  
 3395 1032 R. Zaracay, electrified Andean pop mx (give me a minute to figure out what that might sound like...nope, I give up, hi! jc), ID (322 5/16 Wegner TX)  
 4801 0404 R. Popular, nice rustic HC ballads, IDs. Strong on a lousy nite, used USB for het (5/14 Perdue AL):1101, tent, possible morning mass (322 5/10 Wegner)  
 4910 0225 Emisora Gran Colombia, nx, ID, station jingle at 0230, banco popular musical ad, noticias (433 5/11 Dillon MD):2355 (5/11 Perdue AL):0314 (fr 6/5 Cereghin MD),  
 4960 1045 R. Federacion, march mx til 1048, then choral HC NA til 1051, OM in ?lang, but QRN and rapid QSB gave no chance at ID (5/27 Perdue AL)  
 5050 1040 R. Jesus del Gran Poder, "Santa Maria" prayers, gregorian chants w/relg tx abt the Virgin Mary, ID, rough copy by 1110 (242 5/11 Dillon MD)  
 5055 \*1100 R. Catolica Nacional, s/on w/full NA, then full s/on promo and ID, short relg tx, then hymns (433 5/6 Wegner TX)(332 5/7 Miyuchi JP):0107, co-chan QRM de Faro del Caribe, also hrd at 1115 on 5/11 (322 5/11 Dillon MD)

HCJB

- 6095 0345 EE, stamp collecting px (??? 5/15 McLain CA)  
 0429 EE, ID, EST TC, "Happiness Is" (555 5/19 Brewer AR)  
 9655 0700 EE, "DXPL". to South Pacific (333 6/1 Kaessinger, GERMANY)  
 0830\* EE, "The Dicipleship Hour" (454 5/29 Bingham MA)  
 9745 0043 EE, "The Way to Life" (444 5/24 Bingham MA)  
 0230 EE, "DXPL", QRM de R. Moscow in SS co-chan (222 5/26 Soomre MA)+2  
 0300 EE, "Today in Review", //6095 better than 9745! (545 5/7 Neuverth CO)  
 9870 0742 EE, "Happiness Is" (454 5/29 Bingham MA)  
 11740 1211 EE, "Insight for Living" (333 5/29 Bingham MA)  
 11910 0031 EE, "Sail On", ID (555 5/20 Manderscheid CA)  
 11925 0945 EE, relg px (433 5/24 Shreedhar INDIA)  
 15115 1416 EE, "Morning in the Mountains", nx summary (222 5/28 Bingham MA)  
 15155 0100 EE, "Passport" (444 5/24 Bingham MA)  
 17790 1944 EE, "Passport" (444 5/28 Bingham MA)  
 17890 1431 EE, "The Word Today" (333 5/18 Bingham MA)

F R E N C H G U I A N A...R. France Relay

- 9800 0345 EE, African nx, //11995 (455)(555 5/20 Bair CA):0320, EE, into FF at 0330, very strong (555 5/12 Berri CA)  
 0415 EE, world nx (434 5/15 Trotto FL)  
 11670 1406 SS, nx, correspondent report, ID (545 5/23 Berri CA)

G U A T E M A L A

- 3360 0057 LV de Nahuala, continuous tx over marimba mx, occasional ments of "Nahuala" QRM de ute on 3357, use of narrow filter a big help here (333 5/8 Sharp FL)  
 3370 0107 R. Tezulutlan, light LA vocals and pops, occasional tx (344 5/8 Sharp FL)  
 3380 0110 R. Chortis, end of nx, then more tx over somber mx (maybe obituaries), then ID and into more tx w/TC (3-4/3/3 5/8 Sharp FL)

G U Y A N A...Guyana BC

- 5950 0815 EE, greetings to listeners, "We Are the World" song, faded at 0845 (242 6/6 Lehman MA)

H O N D U R A S

- 3250 0117 R. Luz y Vida, sermon de soft-spoken OM, local address and church nx given, also notes and messages to listeners, into hymns (434 5/8 Sharp FL)  
 4820 0158 LV Evangelica, relg px (333 5/22 Bishop NY):0330 (433 5/9 Hunt NC)

M E X I C O

- 6165 0903 LV de la America Latina, on early? They are listed w/\*1200, but here w/mellow LA ballads played by a group from Venezuela. ID w/gongs at 0903, into nx (fr 6/4 Cereghin MD)
- 9555 0535 La Hora Exacta, tx, ID every minute "La Hora Exacta" followed by tone (232 5/20 Trotto FL)(this station sounds quite interesting. Can't wait until I finally bag 'em jc)

N E T H E R L A N D A N T . . . R. Netherland Relay

- 6020 1030 EE, "Newsline" (555 5/28 Blanchette FL)(444 5/12 Dillon MD)
- 9590 0230 EE, "Newsline", "Monday Commentary" (555 5/21 Bradley MA)(454 5/9 Bingham MA)
- 17605 0025\* SS, //15315 w/monster sigs, px on health (exc 6/6 Sheedy CA)
- 1830 EE, "Newsline" (454 5/23 Bingham MA)
- 21685 1855 EE, "Shortwave Feedback" (555 5/25 Wimmers VA)(433 5/23 Manning TX)
- Trans-World Radio
- 9535 0622 EE, tx abt Ernest Hemingway (354 5/5 Cirone NJ)

N I C A R A G U A

- 6015 0300 VONicaragua, EE, nx, pop mx (555 5/9 Kana GA):0414, EE, (322 6/2 Swinn ??)+1
- 6200 0812 R. Sandino, "Nicaragua libre" slogans, TC/IDs ending w/"...en Sandino", mellow LA mx (gd 6/4 Cereghin MD)(322 5/5 Wegner TX)

P E R U

- 4762 0735 R. Inca del Peru, bad het de Cuba 4765, Andian-style pop mx in "Programa Tropical", long promo/ads, ID as "R. Inca", several ments of Lima (222 5/5 Wegner TX):0640 (5/14 Perdue AL)
- 4810 0128 R. San Martin, noted just above static w/lcl mx and occasional tx, ID as "R. San Martin" (323 5/8 Sharp FL)
- 4990 1006 R. Ancash, Carnival mx, TC, followed by ID as "La voz de Los andes, R. Ancash...", other IDs as "La voz de Los Andes" (242 5/16 Miyauchi JP):0430 NA, closing amnts (333 5/19 Frank ONT)
- 4996 0948 R. Andina, rustic OA mx, ment of "R. Los Andes" and "R. Andina" ID (5/27 Perdue AL)
- 5010 0252 R. Eco, continuous SS vocals w/ID on top of mx w/"R. Eco" ID w/echo wffect (222 5/19 D'Angelo PA):1035 (5/27 Perdue AL)
- 5030.1 1040 R. Los Andes, Andean mx, ID during mx, various ads/promos, "Buenos dias Peru" ment of Huamachuco and Plaza de Armas (333 5/24 Wegner TX)(I wonder if R. Andina above was relaying R. Los Andes? jc)
- 8925 1147 R. Continente, tx, clear ID as "R. Continente", brief mx, "...atención, atención!", sig was poorly modulated (343 5/8 Sharp FL)
- 9655t 1213 R. Nor Peruana, continuous tx, some local mx, sig beginning to fade and suffering from RCI powerhouse xmtr on 9650 (222 5/8 Sharp FL)
- 9987 1158 Estacion 2000, (or dos mil, jc), mx and lcl ballads, clear ment of "dos mil", sig suffering from deep fades and almost gone (232 5/8 Sharp FL)

P I R A T E S

- 7373 0027 R. USA, EE, comedy cuts and rock to to 0031\* (222 5/13 Heinen CO)
- 7430 0217 KROK, EE, "All the hits from the 50's to the 70's!", oldies rock, ended with synthesizer IS at 0220 (444 5/11 Fleischaker KY)

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

- 4826a 1022 Peruvian-sounding march mx, then repetitive primitive flute mx, just a few words in unkn lang, a mess by 1030. My hopes are on R.Sicuani, Peru (5/27 Perdue AL)
- 7402 0200\* all US pop mx, no tx, one Latin song just before 0200\*, never a word spoken (433 6/6 Lehman MA)

U N I T E D S T A T E S . . . AFRTS

- 15330 2240 EE, "Newscall" (444 5/14 Duncan NC)
- 2315 EE, ad for CED tests, NBC nx, CBS nx (444 5/5 Goodman IA)
- 15430 1117 EE, CBS nx, ABC nx (353 6/1 Kaessinger GERMANY)

KGEI

- 9680 1300 EE, , into RR relg px (444 6/9 Dampier NY)
- 11715 0400 RR, tx, mx, IS, ID (444 5/30 Zilmer NM)
- 15280 2130 EE, "Hour of Decision"(444 5/26 Wimmers VA)(555 5/24 Harrington CO)

R. Marti relay via VOA

- 6075 0856 SS, discussion of the Americas, ID on the hour:"R. Marti. Programa de servicio para Cuba de La Voz de los Estados Unidos de America.", mx bridge, "Buenos dias Cuba", more mx, "...presenta R. Marti en hoy ahora Radio Marti". Fade at 1130, not hrd since/prior to 0700 (443 5/27 Hardester CA):1140, really clobbers CFRX-6070 (555 5/27 Wimmers VA);1200\* (555 5/28 Hesch NY)
- 9570 \*1200 SS, brief chimes, ID, s/on, amnts, tx on arms control w/EE outtakes such as "Most Americans want arms control", then translated to SS. Also hrd prior to 1730\* on 11815, both xmsns probably from Greenville (that's right Bob jc) (gd 5/28 Thunburg PA):1400\* (555 5/24 Hesch NY):1500 (444 5/20 Dampier NY)

USA...R. Marti Relay...continued

- 9660 0130 SS, nx, noted Soviet jamming aimed at R. Liberty- Central Asian service (322 5/30 Dampier NY):0237, jamming (333 5/24 Hesch NY):2350 (555 5/26 Scheel IA)  
 11815 \*1700 SS, thot they were MW? (so did I jc), clearly R. Marti, ID, wld nx, surprised by this one (Wegner TX)(454 5/22 Hesch NY):1430 (555 5/24 Schulsinger OH) 1730\* (333 6/11 Witte CA)  
 11930 \*2030 SS, many IDs, nx, mx, QRM de 2 stations, incl RFI, no jamming (434 5/24 Hesch NY)

United Nations Radio

- 15120 2120 EE, tx abt medical care in developing contries (444 6/7 Duncan NC)  
 15125 1915 EE, "UN Radio Club", into FF at 1930 (544 5/23 Manning TX)(I'm not sure if this is from the US or not, jc)

Voice of America

- 6125 2230 EE, tx on Reagan's summit meeting (444 5/8 Langlois GA)  
 15375 0306 EE, wld nx, tx abt Nicaragua, ID (444 5/13 Trotto FL)  
 15415 2256 EE, wld nx, pop mx, ID (444 5/26 Addison KS)  
 15580 2055 EE, "Night Line Africa" (444 5/17 Hunt NC)

WINB

- 15145 0050 EE, relg px, SS/EE ID, US patriotic hymns played on chimes, much less QRM after 0100 (422 5/20 Goodman IA)

WMLK

- 15110 1730 EE, amnt as "test transmission as authorized by the FCC", px of scripture reading w/very frequent IDs. Announcer was Elder Jacob O. Meyer, gave address as P.O.Box C, Bethel PA, 19507. Announced testing sked: 1700-1900 on 15110, 0400-0600 on 15150. Gave power as 50kw (343 5/9 Rocker MS)(111 5/23 Bair CA):1827\* (343 5/23 Sampson WI):15108.4, way off anncd freq of 15110 at 1816 (pr 5/20 Witte CA):got no date QSL letter in 3 days! (454 5/27 D'Angelo PA)(343 5/15 Scheel IA):1815 (322 5/7 Sharp FL)  
 15150 0410 EE, ID and Bethel QTH, hrd only when RNZ clas. mx was pianissimo (111 5/20 Bair CA)(seems they need more work on thir xmtr, as they were putting out generally weak sigs jc)

WRNO

- 6185 0344 EE, typical WRNO, nothing special (322 5/27 Leonard FL)  
 0430 EE, "World of Radio" (545 5/25 Harrington CO)  
 7355 0130 EE, "World of Radio" (433 5/26 Bishop NY)(444 5/5 Langlois GA)  
 9852 0012 EE, rock mx, "Special Delivery" (555 5/18 Wimmers VA)

WYFR

- 7400 0600 EE, sig blew my ears out, was searching for pirates. Good grief, is there any freq they are not on? (well, I haven't heard them on my CB yet, hi! jc) (444 5/19 Wegner TX)  
 9680 0120 EE, story abt Aborigines in Taiwan's history (333 6/7 Duncan NC)VOFC RELAY!  
 1830 EE, "Science and Scriptures", ID (444 5/11 Langlois GA)  
 11740 0200 VOFree China Relay, EE, s/on, ID, economic rpt (222 5/19 Manning TX)

V E N E Z U E L A

- 4780 0943 LV de Carabobo, lively LA mx, ments of Venezuela, TC, ads, some sort of anthem @0947, tx (322 6/1 Thompson CA)  
 4830 2330 R. Tachira, Latin mx, clear ID, TC, canned ID, QRN (333 5/19 Dillon MD): 0138 (433 5/27 Bishop NY)  
 4840 0326 R. Valera, EZL LA mx, IDs, TCs, canned ID, s/off amnts, NA @0400 (333 5/11 Dillon MD)  
 4850 \*0910 R. Capital, YV NA, opening amnts, "R. Nacional de Venezuela, R. Capital" (5/27 Perdue AL):0700 (323 5/5 Wegner TX):0201 (433 5/27 Bishop NY)  
 4980 0040 Ecos del Torbes, full ID w/callsigns and freqs for MW, 49, and 60 meter outlets, nx items abt tornados in Penn., Ohio and NY recently (444 6/3 Schmautz NY):0400\* (443 6/6 Lehman MA):0911 (543 6/1 Thompson CA)(433 5/27 Bishop NY)  
 5020 0245 R. Nacional, US pops, ID (434 5/9 Hunt NC)  
 9660 1246 R. Rumbos, nice blend of lively LA tunes, frequent TCs, occassional IDs, chimes btwn songs and amnts (343 5/19 D'Angelo PA)

U P D A T E R

- Mexico...6008, R. Mil has a MW outlet on 1000  
Brazil...6065, R. Nacional Amazonia was omitted from the GTLADX, so please add it in  
Colombia...5955, LV de Centauros may have joined the CARACOL net  
Ecuador...4960, R. Federacion, noted broadcasting in either Quechua, or Indian langs

The following info is copyrighted from the BBCMS...

PUERTO RICO...on May 3, R. Havana reported that, according to the weekly "Caribbean Business", the Voice of America would invest about 160 million dollars in...new installations in Puerto Rico. Representatives of the US Corps of Engineers were conducting negotiations to acquire more than 500 hectares located in Cabo Rojo.



CLANDESTINE...R. Farabundo Marti has this off-the-air sked: 1230-1300 on 6740, also on 6740 at 1830-1900 and 2300-2400

CUBA...R. Havana has increased its broadcasting in English to North America by one hour a day. Transmissions in English now start at 0000 rather than at 0100. Announcements... state that this service to North America can be heard on 9740 and 6100 khz, and is also heard on 17795. At 0100, the three channels join the regularly scheduled English service channels, 11725 and 6140 khz, until 0450. The English service then continues until 0600 on 11725 only.

UNITED STATES...According to R. Netherland's "Media Network", R. Marti broadcasts from a transmitter in Greenville, North Carolina as follows.

0930-1200...6075  
1200-1400...9750  
1400-1730...11815  
2030-2300...11930  
2300-0300...9660

R. Marti also broadcasts on 1180 MW.

CLANDESTINE...R. Free Surinam has this sked: 1930-1945 on 11680, 9940, in Dutch, Sranan Tongo, Javanese and Hindi. This station uses the facilities of R. Camilo Cienfuegos.

Concerning R. Marti, Luis Mendez in West New York, NJ, noticed that ever since the station went on the air, sales of SW radios have sharply increased. Mainly, its the Cuban exile community buying the radios he says.

Well, I knew this would happen, a half a page to go and nothing to say. I am working on the Latin American Station Index, taken from SPEEDX reports from the past 12-18 months, and should be ready in a month or two. Otherwise, that's about it. Rather than fill up the space with my empty thoughts, I'll leave it blank for Tom, or if you just want to doodle in it. Until August, 73s!!!!

*John*



## The Woodpecker Project

Coordinated by the  
Association of North American Radio Clubs'  
Over-the-Horizon Radar Committee  
1634 - 15th St. NW  
Washington, DC 20009  
U S A



**Purpose:** To gather current data on the worldwide interference caused to short-wave broadcasters and their audiences by the high-power pulse emission sources known colloquially as the "Woodpeckers". This data will be analyzed and presented to telecommunications ministries of countries participating in the 1987 World Administrative Radio Conference for High-Frequency Broadcasting, in an effort to convince them to support a protocol statement condemning this interference.

**Data needed:** 1) In order to map the "Woodpeckers'" general band use, we need large numbers of volunteers to monitor parts of the spectrum between 5 and 23 MHz for 3-hour periods during October 1985. If each monitor covers 3 MHz, and at least 3 geographically-separated monitors are scheduled for each time- and band-segment, then at least 144 monitors are needed for 24-hour coverage. We would like to gather 5 days worth of data. That requires at least 720 volunteers. Attached to this sheet is a sign-up form. Please fill it out, indicating what times you can commit to monitoring. Return it without delay - in any event, before 15 August 1985. We especially need people able to monitor at unusual times (just before local dawn, for example). A sample of our monitoring report form is attached to this sheet. It is a simple graphic system requiring minimal effort to complete.

2) We also seek reports of specific instances of "Woodpecker" interference to stations operating in the shortwave broadcast bands. Reports should include the name of the affected station, its frequency, the date and time, duration and relative strength of the interference, the type of receiver, and your location. A sample report form is attached to this sheet. Reports not using this form are acceptable, too, so long as they contain the same information. Mail us your reports before 1 November 1985.

*(continued →)*

**Recognizing "Woodpecker" signals:** They're called "Woodpeckers" because that's what they sound like on a shortwave radio. Technically, the signal is a 3 milli-second square-wave pulse with a stable pulse-rate of 10/second. (Rates of 17 and 7.4/sec have also been heard, but rarely.) The signal is wide-band, with most of the energy concentrated in about 15 kHz, and a weaker "pulse-scape" filling the adjacent spectrum. The energy concentrations can be clustered together to cover 100 kHz or more. The "Woodpeckers" change frequency abruptly and often. Their "dwell time" varies from a few seconds to a few minutes.

**Money:** This project is organized and staffed entirely by unpaid volunteers. We need your help to pay for printing, postage, etc. To raise money we are selling T-shirts with our symbol (at top, right) printed in red and black, for \$10 each postpaid in North America. Arrangements for foreign distribution are still being explored. When ordering, please specify size (S/M/L), and make checks payable to "The Woodpecker Project" in US currency.

Report on "Woodpecker" Interference in a Shortwave Broadcasting Band

Affected station: \_\_\_\_\_ Affected frequency: \_\_\_\_\_

Strength of interference (1 = mild, 5 = overwhelming): 1 2 3 4 5

Date (UTC): \_\_\_\_\_ Time (UTC): \_\_\_\_\_ circle one

Approximate duration of interference: \_\_\_\_\_

Reporter's name: \_\_\_\_\_ Receiver model: \_\_\_\_\_

Reporter's location (city, country): \_\_\_\_\_

Complete and return by 1 November 1985 to: The Woodpecker Project  
1634 - 15th St. NW

To file additional reports, photocopy this form. Washington, DC 20009 USA

----- c - u - t -----  
Sign-Up for the Woodpecker Monitoring Team

Name: \_\_\_\_\_ Years of SW listening experience: \_\_\_\_\_

Address: \_\_\_\_\_ Receiver model: \_\_\_\_\_

Receiver's band coverage: \_\_\_\_\_

At right, put a "1" on the line that corresponds to the date/time which is your first choice for duty, "2" for your second choice, etc.

	October:	1	4	7	10	13
0000-0300:	_____	_____	_____	_____	_____	_____
0300-0600:	_____	_____	_____	_____	_____	_____
0600-0900:	_____	_____	_____	_____	_____	_____
0900-1200:	_____	_____	_____	_____	_____	_____
1200-1500:	_____	_____	_____	_____	_____	_____
1500-1800:	_____	_____	_____	_____	_____	_____
1800-2100:	_____	_____	_____	_____	_____	_____
2100-2400:	_____	_____	_____	_____	_____	_____

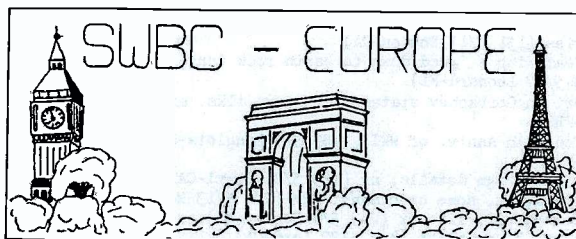
If you are willing to monitor for more than 3 hours, how many time-periods can you handle?: \_\_\_\_\_

We will try to schedule you according to your preferences, but we can accommodate only 48 monitors per time-slot, and other factors - like geographical distribution - must be considered, too. In general, our policy is "first come, first served", so don't delay! Send this completed form - along with a self-addressed US-stamped envelope, or 3 IRCs - to:

(UTC)

We must hear from you by 15 August 1985. Time- and band-assignments will be mailed out 1 September 1985.

The Woodpecker Project



EDITOR:

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

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

It looks like I will be short on time to type up this column this month so I better get right into the loggings.

- ALBANIA** Radio Tirana
- 5020 0302 Gjirokaster Albanian; wld nx, Tirana ID, Alb. mx, TC, apparent s/on now @ 0300 since Albania is on Summer Time (434 5/11 Dillon-MD)
- 7065 0015 RT EE; political contry, ID @ 0016, folk mx (434 5/11 Van Horn-FL) (Goodman-IA)
- 7120 0130 RT EE; revelation mx, wld nx, jammed (545 5/6 Cirono-NJ)
- 0236 RT EE; nx review, ID @ 0243 (444 6/9 Dennis-IN)
- 0320 RT EE; tlk, CW or RTTY QRM (333 5/1 Miller-CA)
- 9375 0435 RT Swedish; nx by YL, ID (343 5/15 Trotto-FL)
- AUSTRIA** Österreichischer Rundfunk
- 6000 \*0128 ÖRF EE; IS, ID, Report from Austria (434 5/10 Van Horn-FL) (Bingham-MA)
- 0338 ÖRF EE; Report from Austria, tlk abt Israel POW's (434 5/21 Bishop-NY)
- 6155 0830 ÖRF EE; Report from Austria, contry on political season in Austria, report on Beethoven competition for pianists (555 6/1 Kaessinger-FRG)
- 9635 \*0430 ÖRF EE; Report from Austria, meetings on 30th Anniv of Austrian State Treaty, tourist pgm (444 5/19 Manderscheid-CA) (Freeman-AZ) (Miller-CA) (Zirkelbach-CA)
- 11660 2125 ÖRF EE; ID, freqs, times, IS, Austria Calling ancd @ 2130 (433 5/15 Abbinante-IL)
- 11670 1855 ÖRF EE; end of EE pgm, into IS, IDs in several langs (323 5/9 Rocker-MS)
- 15195 1515 ÖRF EE; Austria Calling to S.E. Asia (444 5/24 Shreedhar-India)
- 15320 1240 ÖRF EE; Shortwave Panorama-discussion abt WYFR (333 6/9 Denton-KY)
- BELGIUM** Belgische Radio en Televisie
- 5910 0029 BRT EE; IS, ID, skeds, Belgium Today, heavy weekend traffic, summer tourism may be down, wx, European soccer championship (544 5/29 Bradley-MA) (Blanchette-FL)
- 9880 0832 BRT EE; Brussels Calling, P. O. Box 26, tlk abt Popes visit to Belgium, Questions & Answers pgm, 0858\* (343 5/29 Bingham-MA)
- 9925 0031 BRT EE; Brussels Calling, nx, tlk abt Popes visit, Belgium pop mx, Sx Report, soccer scores, folk mx (322 5/21 Bingham-MA)
- 15590 1315 BRT EE; conversation abt traveling abroad, not knowing lang, customs or prices, overpaying thus spoiling for other tourists following them (443 5/10 Byron-PA) (Bingham-MA)
- 17595 0810 BRT EE; Belgium Calling, tlk on May Day bombing in Brussels (544 5/18 Shreedhar-India)
- BULGARIA** Radio Sofia
- 9700 2030 RS EE; Report on a Conference on Humor and Satire, QRM via VOA (444 5/12 Fraser-MA)
- 2133 RS EE; s/on, nx (333 6/8 Dennis-IN)
- 2201 RS EE; tlk abt Bulgarian anti-Hitler organization in WWII, march mx, Answering Your Letters pgm, sked, Bulgarian folk dance (333 5/7 Bingham)
- 9720 0120 R. Moscow (Sofia) EE; tlk on India and other areas the Soviet Union trade with, Soviet Treaty of 1971 for peace (443 5/22 Miller-CA)
- 11720 1844 RS EE; tlk abt Dr. Spock & his attitudes towards kids, Kids in Bulgaria get an all-round education, tlk abt upcoming peace assembly in Sofia (333 6/1 Bingham-MA)
- 11735 0342 RS EE; youth oriented pgm, IS @ 0400 (333 6/2 Freeman-AZ)
- 11750 0311 RS EE; contry, nx, ID, U.S. poverty stats & racism, Lifestyle, the truth abt the Second World War (323 5/29 Swinn-CA)
- 2030 RS EE; freq sked, nx, // 9700 (343 5/27 Zilmer-NM)
- 11765 0100 RS SS; IS, "Habla Sofia" into Bulg. mx, // 11870 much better. (222 5/25 Prath-FL)

CZECHOSLOVAKIA Radio Prague  
5930 0100 RP EE; nx-report on status of economic conditions existing w/Eastern European countries (151 5/15 Bowden-CA)  
0311 RP EE; mx pgm featuring a "good down to earth rock tune, Czechoslovak style," ID (433 5/27 Leonard-FL)  
6055 0530 RP EE; nx, Report on Gorbachev statement on arms tlks, mx, 0545\* (433 6/1 Kaessinger-FRG)  
7345 0115 RP EE; special on 40th Anniv. of WWII (433 5/5 Langlois-GA)(Van Horn-FL) (Blanchette-FL)  
9740 0300 RP EE; IS, ID, freqs, pgm details, nx (423 5/21 Berri-CA)  
11990 0440 RP SS; rock 'n roll, nx, some co-channel QRM (222 5/13 Wegner-TX)  
0530 RP EE; pgm to Europe, IS, into nx (243 5/4 Rocker-MS)  
0540 RP Czech?; band mx, YL vocalist (433 5/27 Lord-CA)  
17705 1530 RP EE; to Asia (544 5/23 Shreedhar-India)

DENMARK Radio Denmark  
9720 \*2158 RD IS, routine then YL w/nx in DD (344 5/15 Dampier-NY)  
15165 1445 RD DD; ID in EE, nx, 1500\*, another EE station on freq (434 Keenan-Korea)  
1500 RD DD; YL w/ ID, IS, to W. NAM, local Danish mx, tlk (343 6/5 Abbinante-IL)

FINLAND Radio Finland  
11755 0732 RF EE; answering listeners' letters (343 6/1 Kaessinger-FRG)  
2105 RF EE; nx, mx (ancrs soft voices made understanding them very hard) (323 5/27 Scheel-IA)  
15400 1304 RF EE; tlk abt drinking & driving deaths in Finland cut in half since 1979, Nordic Report, Perspectives (454 5/23 Bingham-MA)  
1400 RF EE; Northern Report, nx, tlk of school graduations in Finland (444 5/31 Soomre-MA)(Miller-CA)(Gurley-TX)  
12800 1215 RF EE; Compass North w/tlk abt world conservation, // 15400 (444 5/25 Prath-FL)  
\*1300 RF EE; IS, ID in sev. langs, freqs, tlk abt neutrality, nuclear power, jazz, hvy QRM via DW (433 5/28 Schulsinger-OH)(Bingham-MA)

FRANCE Radio France International  
7135 2150 RFI FF; rock mx-all American (343 6/8 Dennis-IN)  
7280 0445 RFI Polish; nx by YL, ID, QRMing VOA on same freq (333 5/15 Trotto-FL)  
9550 0350 RFI EE; nx, jammed (444 5/9 Hunt-NC)  
9800 0303 RFI FF; nx (555 5/19 Harrington-CO)  
0318 RFI EE; wld & French nx, ID, into FF @ 0330 (545 5/27 Swinn-CA)  
11790 1055? RFI FF; tlk, pop mx, Glenn Miller mx (344 5/21 Miller-CA)  
11995 0320 RFI EE; nx on New Caledonia dominates front pages of French newspapers (444 5/24 Duncan-NC)  
17620 1450 RFI FF; tlk, cuntry, Reagan mentioned @ 1455, ID (333 5/29 Abbinante-IL)  
1632 RFI EE; PCA, nx, Turntable-mx pgm, tlk abt FF rock 'n roll (454 5/28 Bingham-MA)  
2030 RFI FF; ID, folk mx (444 5/7 Langlois-GA)

FEDERAL REPUBLIC OF GERMANY Deutsche Welle  
5960 0535 DW EE; German lessons. 0548\* (555 6/2 Kaessinger-FRG)  
9570 0525 DW GG; tlk by OM, nx (444 5/19 Miller-CA)  
15275 1810 DW GG; wld nx, ID "Hier ist die Duetsche Welle mit machrichten" (343 5/9 Rocker-MS)  
17800 1531 DW EE; World Development, tlk abt fish farming, German by Radio, October-fest in Munich (454 5/18 Bingham-MA)  
The report received for 15270 @ 2300 is from Rwanda. The reports for 6040 @ 0105 & 0130 and 9650 @ 0930 are from Antigua.

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International  
9560 0230 RBI EE; nx, cuntry, Kaleidoscope (333 5/22 Zilmer-NM)(Harrington-CO) (Miller-CA)(Scheel-IA)  
9620 0305 RBI EE; DX pgm (333 5/28 Goodman-IA)  
9730 0040 RBI EE; to NAM, nx, cuntry, freq & time list (333 5/29 Strebel-NY)(Cirono/NJ)  
11975 0025 RBI EE; ID, Nx of the Socialist World, 0045\* (444 5/25 Trotto-FL)  
15445 1435 RBI EE; to S.E. Asia, Give Peace a Chance pgm (444 6/1 Prath-FL)(Bingham)  
17880 \*1314 RBI Hindi; IS, ID & anmts by YL, nx by same YL (252 5/5 D'Angelo-PA)  
21465 0600 RBI EE; S.E. Asia svce, tlk on peace movements (544 5/17 Shreedhar-India)

GREECE Voice of Greece  
7280 0455 V. of America EE; Wed. morning, ID, QRM from RFI (222 5/15 Trotto-FL)  
7393 0135 VOG EE; nx by YL, til 0145 (434 5/25 Gurley-TX)  
7395nf? 0130 VOG EE; folk mx, nx, quick ID (333 5/18 Wegner-TX)  
7395t 0235 VOG Bouzouki mx, YL ancr, mxbox version of Never On Sunday (5/26 PerdueAL)

9420 0124 VOG Greek; Gk.mx, ID (333 5/19 Manning-TX)  
 0135 VOG EE; wld nx, ID, Greek folk mx (433 5/10 Van Horn-FL)  
 0340 VOG EE; wld nx (434 5/9 Hunt-NC)  
 0430 VOG Greek; Greek mx, ID (343 5/15 Trotto-FL)  
 9470 0132 VOG EE; ID, nx, into Greek? @ 0140, mx, sked, 0149\* (544 5/24 Bradley-MA)  
 9905 \*0000 VOG EE; tune-up tone, IS, NA, Greek nx w/ID "Edo Athine," // 9420  
 (454 5/2 Rocker-MS)  
 0130 VOG EE; nx, discussed rise & fall of money in Europe (454 5/10 Hunt-NC)  
 \*0200 VOG Greek; IS, ID, Greek tlk & mx (333 5/30 Zilmer-NM)  
 0342 VOG EE; Greek nx by OM & YL, ID, mx (343 5/15 Trotto-FL)  
 11645 1530 VOG EE; report on Reagan's Star Wars project & nuclear arms race, report  
 on latest violence in Lebanon (151 5/17 Bowden-CA)  
 15205 \*1300 V. of America EE; IS, TC, nx, Newline America, Magazine Show (353 5/23  
 Shimada-Japan)  
 15630 1545 VOG Greek/EE; EE nx, ID, rest of pgm in Greek (454 5/23 Keenan-CA)

HUNGARY Radio Budapest

6025 0220 RB EE; uses of IBM computers in Hungary, IS @ 0225 (444 5/15 Coleman-MA)  
 0227 RB lang; trumpet IS, ID (6/9 Dennis-IN)  
 9835 0130 RB Hungarian; Szulofoldunk celebrating 40th Anniv. of defeating facism,  
 tlk of 'new riches' who are in business for themselves (434 5/11 Byron-PA)  
 0227 RB EE; sked, call for rec. reports, IS, lang @ 0230 (444 5/11 Fleischaker  
 KY)(Miller-CA)  
 0315 RB EE; tlk, too much resonance, // 9520 worse, 0328\* (343 5/20 Bair-CA)  
 1600 RB EE; to Europe (Shreedhar-India)  
 12000 1603 RB EE; nx, tlk abt Nat'l Day of Mourning in Bangladesh for tidal wave  
 victims, tlk abt soccer in Hungary (222 5/28 Bingham-MA)

ITALY Radiotelevisione Italiana

7275 1935 RAI EE; nx (322 5/9 Kaessinger-FRG)  
 9575 0100 RAI EE; wld nx, II mx (444 5/6 Cirone-NJ)(Duncan-NC)(Bingham-MA)  
 2228 RAI II; IS 2228-2232, II pgming (323 5/23 Harrington-CO)(Van Horn-FL)  
 11800 0100 RAI EE; Spain & Portugal will sign agreement re entry in EEC in near  
 future (252 5/21 Bowden-CA)  
 1910 RAI AA; IS, opening chimes, fighting RMMS on freq (333 5/9 Rocker-MS)  
 2025 RAI EE; nx, mx, to Near East (232 5/27 Zilmer-NM)

LUXEMBOURG Radio Luxembourg

6090 0004 RL EE; mx "Spinning Wheel." phone-in pgm (533 5/29 Blanchette-FL) 0040 EE  
 DJ format w/rock nx (444 5/10 Van Horn-FL) 0102 EE nx, wx, hip DJ tlk abt  
 mx charts, mx by Lionel Richie & Beach Boys (222 5/22 Bingham-MA)

MALTA Radio Mediterranean, IBRA Radio

6110 2315 RM EE; sport scores, mx (433 5/2 Hunt-NC)  
 9510 2030 IBRA EE; ID, religious pgm, gospel mx (433 5/1 Frank-ON)  
 9565 0102 DW relay EE; nx, Sunday Comtry, Letter from Berlin (433 5/26 Bradley-MA)  
 11785 2130 DW relay PP; IS, "DW Relay Station, Malta" into PP pgm, // 11810 via FRG  
 (444 5/9 Rocker-MS)

MONACO Trans World Radio-Monte Carlo

9495 0815 TWR EE; rel. pgm @ 0833 by OM, ID (222 5/23 Bair-CA)

NETHERLANDS Radio Nederland

6020 0210 RN EE; SW Feedback, OM w/top records-#1 song is U.S.A. for Africa (454  
 5/19 Bingham-MA)  
 9560 0230 RN EE; Nx roundup, Beirut bombings, Spain's loans to Nicaragua, tall ships  
 (333 5/22 Zirkelbach-CA)  
 9895 \*0130 RN EE; nx focusing on the possible finding of the body of Nazi Dr. Mengele  
 (444 6/7 Duncan-NC)(Bradley-MA)(Coleman-MA)(Bowden-CA)  
 15560 \*1430 RN EE; IS, Asian svce, wld nx, Newline, Mainstream Asia, 1523\*, // 17605  
 (353) & 17575 (454) & 11735 (343) (454 5/22 Shimada-Japan)

The reports for 9715 @ 0815, 9711 @ 0620 & 9650 @ 1030 are from Bonaire.

NORWAY Radio Norway International

9580 0022 RNI Norwegian; ID, tlk, mx "The Most Beautiful Girl," soft rock ballads-  
 American & Norwegian (444 5/26 Trotto-FL)  
 9605 2300 RNI Norwegian; tlk, mx, // 11925 (322), to SAM (322 5/30 Zilmer-NM)  
 9645 0422 RNI EE; listener's corner, ID, rel. pgm in Norw. (433 5/20 Manderscheid-CA)  
 15180 0320 RNI Norwegian; ID, 0340\* (444 Keenan-Korea)  
 2200 RNI EE; Norway This Week, nx, views, to SAM (333 5/26 Zilmer-NM)  
 15300 1600 RNI Norwegian; nx, feature, QRM BBC (433 5/23 Shreedhar-India)

- 15305 1322 RNI EE/Norwegian; Norway Today, feature from Norwegian penpal-Norway's version of Allisar Cook, into Norw. @ 1330 (353 5/5 D'Angelo-PA)  
(Prath-FL)(Zilmer-NM)
- 1400 RNI EE; IS, ID, nx by YL, celebration of end of WWII, People & Places in Norway, into Norw. @ 1430 (343 5/12 Fisher-NM)(Sampson-WI)
- \*1700 RNI EE; Norway Today, wld nx, 40th Anniv of Norway's liberation from WWII, mining & miners and their work, // 11925 & 17850 (555 5/12 Neaverth-CW)
- 15310 1520 RNI Norwegian; EE IDs @ 1523 & 1528, interviews, correspondence reports (vy gd 5/22 Sheedy-CA)(Abbinante-IL)
- \*1955 RNI Norwegian/EE; IS, repeated IDs in Norwegian & EE (343 5/24 Carlson-WA)  
(Zilmer-NM)
- POLAND Radio Polonia
- 7145 0200 RP EE; domestic nx, DX Club, Panorama, some mx, best reception ever on 41 meters (544 5/25 Card-RI)(Bradley-MA)
- 7270 2230 RP EE; pgm on pop musical group-Cornie (454 5/26 Fraser-MA)(Thunberg-PA)
- 7285 1200 RP EE; nx, Rev. of Polish Press, DX pgm consisted of a few letters from listeners, no DX info, mx (554 6/1 Kaessinger-FRG)
- 11815 0213 RP EE; ID, folk mx, polka (333 5/28 Goodman-IA)
- PORTUGAL Radio Portugal
- 6095 0032 RP EE; YL w/ nx (444 5/17 Scheel-IA)(Bingham-MA)
- 0300 RP EE; int'l & Portugal nx, QRM via BBC (544 5/23 Card-RI)
- 11730 2325 R. Renascenca PP; bells IS, IDs, "R. Renascenca, Emissora Catolica Portuguesa," mx, nx @ 2337, Brazilian mx (343 5/11 D'Angelo-PA)
- 17735 1145 R. Free Europe Polish; wld nx w/ment. of NATO & UNESCO, tone on the hour, ID (434 5/11 Dillon-MD)
- ROMANIA Radio Bucharest
- 9570 0400 RB EE; freq sked, nx (322 5/21 Zilmer-NM)(Bingham-MA)
- 11940 1220 RB GG; ID "Hier ist Bucharest," sked, horn IS, 1226\* (333 5/18 Dillon-MD)
- SPAIN Radio Exterior de España
- 5900 2200 REE EE; to Europe, // 7105 (211 6/2 Prath-FL)
- 5970 \*2300 REE SS; OM & YL w/freqs, nx (333 5/14 Duncan-NC)(Bishop-NY)
- 7105 2230 REE EE; nx by OM, Press Review (333 5/14 Duncan-NC)
- 9630 0000 REE EE; Wines of Spain (444 5/26 Keenan-CA)(Bowden-CA)
- 0115 REE EE; tlk on tobacco growing, smoking women, Domingo singing Verdi, Panorama-two million unemployed, Press Review, // 11880 (333 5/22 Zirkelbach-CA)(Bingham-MA)
- 0304 REE SS; nx (434 5/21 Bishop-NY)
- 9780 2235 REE EE; Press Review, wx, Literary Events in Spain, SS by Radio (343 5/8 Bingham-MA)
- 11880 0030 REE EE; YL w/ID, mx, local nx, Panorama (444 5/17 Addison-KS)(Bingham-MA)
- 0100 REE EE; nx, poor QSA but hrd when f/in (222 5/14 Miller-CA)
- SWEDEN Radio Sweden International
- 9695 0235 RSI EE; running sports medicine, rock mx, interview, Swedish accordion folk mx, ID (433 5/27 Swinn-CA)(Zirkelbach-CA)(Bradley-MA)(Keenan-Korea)
- 0348 RSI Swedish; EE ID, Swedish pgm (444 5/3 Stephenson-CA)
- 2319 RSI EE; mx, Swedish folk lore, ID (534 5/5 Girone-NJ)
- 11705 0230 RSI EE; ID, new recordings of Swedish mx & musicians (554 5/28 Goodman-IA)
- 0330 RSI EE; nx, interview w/town councilor in Sweden, mailbag (343 5/31 Soomre-MA)(Swinn-CA)
- 2320 RSI EE; interview abt youth involved in Swedish Red Cross, // 9695 (434 5/9 Berri-CA)(Blanchette-FL)(Prath-FL)
- 15345 1408 RSI EE; nx, discussion of weapons exporting from country, shortage of beer due to strike in brewery (333 5/18 Gurley-TX)(Hunt-NC)(Dampier-NY)  
(Brewer-AR)(Bingham-MA)
- 15390 1315 RSI EE; ID, DX info, segments of DX b/c (444 5/16 Langlois-GA)
- SWITZERLAND Swiss Radio International
- 6135 0200 SRI EE; time signal, freq info, Dateline (333 5/12 Scheel-IA)(Van Horn-FL)
- 9725 0200 SRI EE; Beirut car bombing & other violence claims over 100 lives & injures many others (353 5/22 Bowden-CA)(Bingham-MA)
- 0343 Red Cross B/Cing Svce EE; new time prior to regular SRI b/c to NAM w/tlks on ICRC activities, // 6135, 12035 & 15305 (433 5/28 Hardester-CA)
- 0416 SRI EE;Great...Grapevine (Sunday night), ID (322 5/20 Manderscheid-CA)  
(Harrington-CO)
- 9885 0217 SRI EE; OM w/country, QSB & QRN (322 5/18 Freeman-AZ)
- 2110 SRI Dateline Zurich pgm on relations between U.S. & South Africa (333 6/7 Duncan-NC)

12030 1215 SRI EE; nx, comtry, local mx, into SS @ 1229 (343 5/28 Goodman-IA)  
(Bingham-MA)  
12035 0210 SRI EE; nx, comtry, Swiss SW Merry-Go-Round (544 6/9 Denton-KY)  
2100 SRI EE; Dateline Monday, to Africa, // 15570 & 9885 (242 5/27 Zilmer-NM)  
(Bingham-MA)  
2242 SRI PP; IS, s/on (444 6/8 May-OH)  
15430 \*1515 SRI Romansch/EE; ID in EE @ 1515, Romansch tlk, TC, freqs by YL @ 1530 in  
EE, wld nx, QRM via AFRTS (433 5/14 Schulsinger-OH)  
15570 2145 SRI SS/EE; end of SS pgm, into EE to SAm (354 5/3 Rocker-MS)

UNION OF SOVIET SOCIALIST REPUBLICS Radio Moscow Frequencies not reported last month  
Russian S.F.S.R. (European portion)

13680 1445 RM (Kalinin) EE; Focus on Asia (gd 5/21 Thunberg-PA)

Unknown Sites

9530 0143 RM EE; Posner discussed being on the Ray Briem talkshow the previous evening, he said most of the questions were friendly, some hostile as he expected, but was amazed there was so much ignorance about life in the U.S.S.R. which he attributed to the American press (554 5/27 Hesch-NY)  
9580 0640 RM EE; tlk abt Soviet Life festivals, ment of Bulgaria & Vietnam (554 5/23 Miller-CA)  
9610 2246 RM? EE; reading letters, thought they said Vilnius?, ID @ 2300 R.M. (222 5/23 Harrington-CO)  
9655 1300 RM EE; wld nx, ancr had American accent w/Russian attitude (544 5/29 Lord-CA)  
9760 0600 RM EE; nx, News & Views, nx headlines (555 6/2 Kaessinger-FRG)  
9780 0045 RM EE; comtry on 40th Anniv of WWII, ID (444 5/5 Langlois-GA)  
9820 0000 RM EE; reports on Soviet space pgms & Soviet technology used in U.S. (444 5/11 Fraser-MA)(Bowden-CA)  
9880 0520 RM EE; tlk on effects of nuclear war (333 5/4 Rocker-MS)(Wegner-TX)  
(Trotto-FL)  
11735 0030 RM EE; pgm on animal collector Gerald Durrell in the Caucasus, // 11750 (433 6/4 Duncan-NC)  
11800 1830 RM EE; Nx in Brief, Culture & the Arts, // 15150, 15100, 11860, 11850, 11820, 11840 (243 5/9 Rocker-MS)  
11805 2200 Mayak RR; IS, YL w/ID, nx, // 4765 (443 5/11 Prath-FL)  
11830 0845 RM EE; report that sulphur dioxide emissions from Western Eur. are cause of acid rain in USSR, mx, comtry (pr 5/27 Beaver-IN)  
12060 0055 RM EE; OM w/ID, wld nx (333 5/17 Addison-KS)(Goodman-IA)  
15175 2140 RM EE; highlights from a RR opera (343 5/19 Prath-FL)(Rocker-MS)  
15425 1925 RM EE; Sidelights of Soviet Life on the procedure the average family follows in the USSR applying for housing (353 5/23 Bowden-CA)

UNITED KINGDOM British Broadcasting Corporation

7325 0000 BBC EE; ID, wld nx, Nx Abt Britain, Rx Newsreel (444 5/13 Dillon-MD)  
12095 2253 BBC EE; sports, wld nx @ 2300, ute QRM (433 6/8 May-OH)  
15070 1730 BBC EE; Album Time, tlk abt Mr. T, What's Coming Up, Sports Roundup (444 5/18 Bingham-MA)  
1903 BBC EE; nx, comtry (222 6/3 Trent-AK)

VATICAN CITY Vatican Radio

6015 \*0053 VR EE; The Church Today, return of Pope from Benelux trip, the church in Belgium, consistory of cardinals, the church in the Philippines (544 5/25 Bradley-MA)(Van Horn-FL)  
9645 0600 VR II/FF/EE; nx in 4 langs (443 6/1 Kaessinger-FRG)(Miller-CA)  
9650 0215 VR EE; tlk by YL on Popes trip to Holland, ID, mailbox (333 5/13 Trotto-FL)  
11955 0115 VR SS; IS, report abt Pope's trip (443 5/12 Prath-FL)  
15120 1545 VR EE; to Africa, African nx @ 1555: examples of African langs, IS @ 1600 (444 5/23 Bair-CA)

YUGOSLAVIA Radio Yugoslavia

9620 2115 RY EE; spoke of Reagan's feelings of Yugoslavia, spoke of nat'l liberation struggle in the country (544 5/8 Hunt-NC)(Bingham-MA)  
2210 RY FF; YL w/ s/off of FF pgm then IS (533 5/29 Scheel-IA)

No news in the BECMS World Broadcasting Information of interest for Europe this month. I'm looking forward to the ANARCON in a few days. I was to the ANARC Convention a few years ago when it was in Thunder Bay, Ontario.

73: David



# Africa

SPEED GRAY, 1260 Troon Ct. SE, Grand Rapids, MI 49506

All times & dates UTC: Frequencies- kHz: \*0000=s/on, 0000=s/off: Deadline 12th.

This monthly bulletin will arrive shortly before the ANARC Convention in Milwaukee. ANARC is an exciting experience; a place to meet new friends, renew old acquaintances, and learn more about this fascinating hobby which we all enjoy. The ANARC Convention in Toronto last year was superlative, but the Milwaukee convention hosted by the National Radio Club is slated to be even larger and more exciting. I hope as many of you who can, are planning on attending; a terrific shortwave experience!

And speaking of ANARC, Richard T. Colgan, Executive Secretary, announced in the June ANARC Bulletin the five nominees for the North American Shortwave DXer for 1985. This year SPEEDX is fortunate to have a member nominated for this is truly a great honor, and is reflective of this person's continual contributions to the hobby, and to the club. CONGRATULATIONS, and Good Luck to David Sharp. His name is not unfamiliar to regular readers of this column, as his primary area of expertise is the African Broadcasters. His prolific contributions to this column have included more than 1700 loggings since he became a member of SPEEDX. A well deserved honor David, on being nominated to this elite group.

## LOGGINGS FOR JULY, 1985

ALGERIA R. Algiers  
 17745 1707 R. Algiers: FF; tx abt Algerian economy w/interviews, then Western pop mx and live bdcst from fair- audio problems, TC, and ID by YL. 444(5-18 Dillon-MD).  
 17745 2001 R. Algiers: EE; ID, nx, "This week in Algiers", pop rock, and "This is Mohammed at the helm, on the station that rocks the nation with great sound vibration . . ." Reports from: 222(5-18 Manning-TX), 232(5-9 Kaessinger-FRG), 2+32+(5-19 D'Angelo-PA), 222(5-9 Bingham-MA), 433(5-16 Sharp-FL), 151(5-15 Bowden-CA), 322(5-30 Carlson-WA), 453(5-16 Blanchette-FL).

ANGOLA R. Nacional Luanda, and regionals  
 4950 0453 Emissor Regional do Malange: PP; vocals and then into tx by OM w/more selections of mx, some QRN from thunderstorms. 323(5-8 Sharp-FL).

ASCENSION ISLAND BBC Relay  
 6005 0325 BBC Relay: EE; tx abt South Africa, severe hets and QRN. 424(5-31 Miller-CA).  
 9715 2003 BBC Relay: EE; YL w ID, then tx abt Beirut fighting, and Israels economic troubles. 333(5-28 Bingham-MA).  
 11750 0025 BBC Relay: EE; BBC World news and mx at 0031. 333(5-16 Blair-CA).  
 11860 0750 BBC Relay: EE; hiliife mx, OM w/Afro nx, YL w/wld nx. 443(5-13 Thompson-CA).  
 15260 2300 BBC Relay: EE; ID, TP, wld nx, cmty on trade barriers. 343(5-5 Goodman-IA).  
 15390 2135 BBC Relay: EE; BBC Calling the Falklands, //to 11820. 455(5-3 Rocker-MS).  
 15400 1426 BBC Relay: EE; tx by YL on R. Finland, severe fading. 322(5-31 Miller-CA).  
 15400 1818 BBC Relay: EE; nx abt school teacher's pay dispute, then "Nature Notebook". 444(5-28 Bingham-MA).  
 17885 1510 BBC Relay: EE; Newsreel. 432(5-24 Shreedhar-India).  
 21660 1728 BBC Relay: EE; pgm on African Banking. 454(5-12 Scheel-IA).

BENIN ORTB Cotonou, Parakou  
 4870 0547 ORTB Cotonou: FF; continuous hiliife mx and vocal solos, tx by OM between songs w/clear ments of "Cotonou", more mx, ID at 0556. 333(5-28 Sharp-FL).



**BOTSWANA** R. Botswana- Gaborone  
4820 0350 RB: Set; usual cowbell IS noted under dominant HRVC, //7255 or 3356 not heard. 423(6-3 Sharp-FL).  
7255 0349 RB: Set; IS and cowbells, QRM made only these signals IDable, //to 4820 but it was much worse. 322(6-9 Dampier-NY).

**CAMEROON** R. Buea, R. Bertoua, R. Douala, R. Garoua, R. Yaounde, R. Bafoussam  
3970 2315 R. Buea (t): FF/vern; some tx de OM and distinct hillife mx noted, lots of splatter de AKO's though narrow filter cleaned out some of the QRM, no ID heard. 312(6-2 Sharp-FL).  
4000 0500 R. Bafoussam: FF; OM w/tribal songs. 333(5-1 Cook-CA). @0507 FF; nx by OM, clear ment of "Bafoussam", into lcl mx, QRM by UTE 4003. 333(6-3 Sharp-FL).  
4750 0500 R. Douala (t): FF; continuous vocals past 0500, no ID or ancmts, good Cameroon night so doubt its Lubumbashi. 333(6-3 Sharp-FL).  
4850 0540 R. Yaounde: EE; bulletin of wid mx and ID as "You are tuned to Radio Yaounde." 333(5-10 Rocker-MS).  
4850 2104 R. Yaounde: EE/FF; national nx carried by prov stations, //4795, into FF at 2117. 444(5-5 Miyauchi-JAPAN).  
5010 0453 R. Garoua: fowlfoulde; lcl tribal chants and mx, tx by OM in vern, FF ID given, and sig weaker than in past. 233(6-3 Sharp-FL). @0608 EE; nx and tx by OM, RTTY and CW QRN. 433(5-31 Miller-CA).  
9745 2107 R. Yaounde: EE; usual comprehensive nwscst by OM including African football results, FF vocals, QRM from AA stn probably Iraq. 3+33(5-5 D'Angelo-PA).

**CANARY ISLANDS** REE- Tenerife  
15365 2200 REE: SS; IS and ID, opening ancmts, tx by OM and YL. 333(5-27 Goodman-IA). @2203 SS; folk mx, full ID as "Tenerife en Cararias en Santa Cruz", SS wld nx. 444(5-9 Van Horn-FL).

**CENTRAL AFRICAN REPUBLIC** RT Centrafrique- Bangui  
5035 2256 RTC: FF; OM w/nx headlines, ID and skeds, into military NA to 2300 and s/off. 333(5-23 Sharp-FL).

**CHAD** R. Nationale Tchadienne- N'djamena, R. Moundou  
4904.5 0458 RNT: vern/FF; choral NA, then into vern OM ID, brief mx and repeat in FF over hillife mx, cochannel UTE QRM after 0508. 323(5-28 Sharp-FL).

**EGYPT** R. Cairo  
9475 0200 RC: EE; bells, then YL w/ID as "This is Radio Cairo", audio very low. 433(5-15 Scheel-IA). Reports also from: 333(5-5 Stephenson-CA); 444(5-10 Van Horn-FL); 454(5-9 Hunt-NC); 432(5-22 Miller-CA); 454(5-10 Bingham-MA).  
9675 0307 RC: EE; chanting, then short ID and nx. 333(6-9 Dennis-IN). @0324 EE; nx by YL which sounded like it was read at dictation speed, //9475 and equal in strength but less QRM, s/off w/NA at 0328. 434(6-7 Sharp-FL).  
9805 2127 RC: EE; tx abt contest details. 454(5-1 Frank-ONT).  
9850 1945 RC: AA; Koran recitations, TO, then OM w/nx, AA mx, YL w/clear ID at 2010, //w/9475. 343(5-23 Shimada-JAPAN).  
12050 1739 RC: AA; ID by OM, rel pgm and AA orchestral mx w/chorus. 333(5-18 Dillon-MD).  
15210 1335 RC: AA; AA mx and ID, DW QRM at 1353 ruined sig. 333(5-11 Dillon-MD).  
15220 0515 RC: AA; chants and tx by OM, pos ID. 544(5-31 Miller-CA).  
17675 1300 RC: EE; AA lesson, AA songs. 544(5-23 Shreedhar-INDIA).  
17690 \*1430 RC: Hindi; NA, OM ID and Koran recitations, ID and mx. fr(5-21 Thunberg-PA).

**EQUATORIAL GUINEA** R. Nacional- Bata, Malabo; R. Africa (Int'l Sce)  
4925 2150 RN-B: SS; ID by OM w/address and freqs, TC and NA. 343(5-5 Frank-ONT).  
15106 1840 RA-Int Ser: SS; "We Are the World". 333(5-9 Abbinante-IL). Reports also from: 333(5-15 Witte-CA); 333(5-8 Blanchette-FL); 434(5-10 Van Horn-FL).

**GABON** Africa #1, R. Japan & R. France Relay- Moyabi Moanoa; RTVG- Libreville  
4810 0512 Africa #1: FF; African jazz w/chorus and drums. 323(5-28 Lord-CA).  
9545 0316 RFT Relay: EE; Nx by OM w/tx abt UNESCO, soccer scores and YL w/contest info and address. 322(5-10 Bingham-MA).  
15200 0820 Africa #1: FF; usual pgm w/YL & OM DJ, Afro pop, unusually strong sig for this time on 19m. 333(5-8 Wegner-TX).  
15200 1448 Africa #1: pop mx to 1450, then OM and ANO "jingle" and into EE hard rock mx. 434(6-5 Sharp-FL).  
17710 0710 RJ Relay: EE; new outlet of gen ser replacing 21575, QRM de Australia. 532(5-24 Shreedhar-INDIA).  
21550 1500 RJ Relay: EE; nx and pgm on computers in Japan. 343(5-31 Soomre-MA).

**GHANA** GBC- Accra  
4915 2302 GBC: EE; NA by mixed choral group, then brief light mx, OM ID as "GBC- Accra" and plug pulled at 2306. 333(5-23 Sharp-FL).

GUINEA  
4910 2321 RD Nationale- Conakry  
RDN: FF; drum solos and lcl chants, some tx by OM w/references to Conakry, cochannel CW QRM noted. 323(5-23 Sharp-FL).

LESOTHO  
4800 0259 R. Lesotho- Maseru  
LNBS: EE(?); nx read by YL, sounded like EE but hard to determine w/lightning crashes from distant storm, positive ID at 0512. 333(6-8 Sharp-FL).

LIBERIA  
6045 2208 LBS- ELBC, ELWA; VOA Relay- Monrovia  
VOA Relay: EE; African nx and then VOA Jazz Hour. 343(6-8 Dennis-IN).

LIBYA  
3200 0134 Libyan Jamahiriyah Bdcst, R. Jamahiriyah  
LJB: AA; OM recitations but not Koran to past 0140, only noted on a few evenings as of late, not sure whether due to poor prop or irreg sked. 333(6-6 Sharp-FL). @0330 AA; OM tx, //to 11815. 222(6-9 Dampier-NY).

11815 2111 R. Jamahiriyah: EE; ID and address of stn, recitations from Koran, cmty on struggle for liberty in S Africa. 544(5-22 Hesch-NY). Also from: 333(5-23 Miller-CA); 433(5-19 Dillon-MD); 533(5-16 Scheel-IA); 444(6-2 Van Horn-FL).

15415 1230 LJB: AA; home srv, ID and nx. 323(5-18 Dillon-MD).

MADAGASCAR  
5010 0340 R. Nederland Relay; R. Madagasikara  
RM: Malagasy; country-western type mx to 0345, brief ID by OM ". . . Malagasy", into more mx, first time heard in weeks here. 233(6-6 Sharp-FL).

9590 0308 RN Relay: EE; tx abt Pope's visit to Holland. 333(5-14 Miller-CA).

9715 2115 RN Relay: EE; "Media Network". 544(5-9 Scheel-IA).

11740 2026 RN Relay: EE; IS, then "Happy Station" pgm, wx and nx, TC. 434(6-2 Van Horn-FL). @2108 EE; "Dutch by Radio", 433(5-28 Dillon-MD).

17575 \*1430 RN Relay: EE; IS, OM w/Asian Ser ID, wld nx, then "Newline" and "Mainstream Asia", s/off at 1523, //11735, 15560, and 17605. 454(5-22 Shimada-JAPAN).

MALI  
5995 2334 RN du Mali- Bamako  
RNM-B: FF; lcl mx and some pop, occasional tx by OM, ID at 2346 as "Radio Mali", //4783 but worse lvl. 444(5-23 Sharp-FL).

MAURITANIA  
4845 2311 RNM- Nouakchott  
RNM: AA; nx by OM, ID and into continuous Koran recitations in observance of Ramadan, increasing QRM De Latins. 433(5-23 Sharp-FL).

MAURITUS  
9709 0406 MBC  
MBC: EE; nx by YL w/several stories abt Pt. Louis, TC and wx, very weak but no QRM. 142(6-6 Sharp-FL).

MOROCCO  
11760 2010 RTVM, VOA Relay, R. Mediterranee Int'l  
VOA Relay- Tangiers: EE; wld headlines, ID. 434(6-2 Van Horn-FL). @2154 EE; sports and nx, QRM de RHC, freqs and TC at 2159. 333(5-16 Scheel-IA).

15105 2117 RTVM: AA; pgm of AA vocals w/tx by OM and YL, noted under DW relay. 333(6-1 Sharp-FL). @2130 AA; mx and occ tx by OM, ID at 2200 and into presumed nx, //15105 and 11920. 433(6-1 Sharp-FL).

NAMIBIA  
3270 0451 R. SWA- Windhoek  
R. SWA: Afk; just tx by Afk OM, no mx whatsoever, good sig but 90m NOISY w/extreme heat. 323(6-6 Sharp-FL).

3295 0518 R. SWA: Afk; orchestral rendition of Beetles' song, then brief chime and ID, into pop mx, //3270 is covered by UTE. 333(5-28 Sharp-FL).

NIGERIA  
4770 0510 VON, FRCN  
FRCN- Kaduna: EE; US soul mx, then nx of Africa by YL. 322(5-19 Cook-CA).

4770 2308 FRCN- Kaduna: EE; lcl nx by OM, TC and ID, into disco mx. 343(6-1 Sharp-FL). @2310 EE; ID and lcl TC to s/off. 343(5-19 Dillon-MD).

7255 \*0530 VON- Lagos: EE; wld nx and cmty on professional football in Nigeria, sports festival Aug 8-19, then lively mx. 444(5-20 Zirkebach-CA). Reports also from: 443(5-16 Hardester-CA); 433(5-17 Carlson-WA); 433(5-21 Freeman-AZ).

15120 0830 VON- Lagos: EE; nx & cmty abt Nigeria, QRM & QRM. 332(5-9 Kaessinger-FRG).

15120 2115 VON- Lagos: EE; hilife mx and "I'm a Believer", cont mx till 2130 then OM w/ID and TC, then nx. 333(5-14 Abbinante-IL).

RWANDA  
9735 0140 R. Rwandaise, RDW Relay- Kigali  
DW Relay: GG; classical mx, tx by OM, nx. 444(5-15 Miller-CA).

9735 1500 DW Relay: EE; OM w/Af nx, QRM de BBC 9740, //11965 worse. 111(5-23 Bair-CA).

17800 \*1228 DW Relay: EE; IS and ID, wld nx. 353(5-19 D'Angelo-PA).

SENEGAL  
4890 2341 ORTS- Dakar  
ORTS: FF; drifting up to 4892, hilife and chants, tx by OM. 333(6-1 Sharp-FL).

SEYCHELLES

11755 0430 FEBA: AA; IS and ID routine, into AA mx briefly, much better now that RHC is off 11760. 444(6-9 Dampier-NY).  
 15325 1300 FEBA: Hindi; religious pgm. 544(5-24 Shreedhar-INDIA).

SIERRA LEONE

5980 2154 SLBS: EE; Rel choir mx, ID as "This is the Sierra Leone Broadcasting Service from Freetown. It's coming up to ten o'clock", TP followed by nx, then symphony mx. 252(5-5 D'Angelo-PA).

SOMALIA

7200 0337 R. Mogadushu: RM: Somali; usual interesting selection of Somali vocals and lcl mx, heard underneath powerhouse VOA, FO by 0350. 312(6-3 Sharp-FL).

SOUTH AFRICA

4230 0308 R. RSA, SABC: R. RSA: EE; tx by OM, Afro mx. 422(5-31 Miller-CA).  
 4880 0349 SABC: Afk; 222(4-4 Stephenson-CA); 344(6-6 Sharp-FL); 433(5-11 Dillon-MD).  
 5980 0150 R. RSA: EE; ID. 544(6-2 Miller-CA).  
 6010 0200 R. RSA: EE; 533(5-24 Bradley-MA); 323(5-19 Bingham-MA); 443(6-2 Van Horn-FL).  
 7270 2153 R. RSA: EE; ID and nx headlines. 444(6-8 Dennis-IN).  
 9585 \*2059 R. RSA: EE; march mx, nx, ID. 333(5-7 Bingham-MA).  
 9615 \*0158 R. RSA: EE; 545(5-19 Harrington-CO); 523(5-22 Miller-CA); 343(5-22 Bingham-MA); 444(5-5 Stephenson-CA); 355(5-6 Neuverth-CO); 444(5-22 Zirkelbach-CA).  
 11900 0630 R. RSA: EE; s/on and nx, pgm on wine growing. 322(6-1 Kaessinger-FRG).

SWAZILAND

5055 0358 TWR- Manzini: TWR: ??; chime IS noted faintly under cochannel slop, into rel pgms in unid LL after 0400. 222(6-6 Sharp-FL).  
 9725nf 0716 TWR: EE; possibly new frequency, s/off 0735. 242(5-5 Miyauchi-JAPAN).

TOGO

5047 0530 R. Togolaise- R. Togblekope, R. Kara: RTVT: FF; nice Af tribal mx, OM ID. 333(5-24 Witte-CA).  
 5047 2332 RTVT: FF; EZ listening and orchestral mx, occasional TC by OM, otherwise solid mx. 444(6-1 Sharp-FL).

TUNISIA

7255 2328 R. Tunis: RT: AA; continuous AA mx and vocals, OM ID on 1/2 hr, some cochannel jamming noted. 433(5-23 Sharp-FL).

ZAMBIA

4910 0430 R. Zambia- Lusaka: R. Zambia: EE; "One Nation, one Zambia". (5-14 Perdue-AL). @0445 vern; OM tx, some native mx, cochannel Latin stn was off so this was left in the clear. No CW QRM. 322(6-6 Sharp-FL).

EVERYTHING YOU EVER WANTED TO KNOW ABOUT ARABIC ID'S BUT DIDN'T KNOW HOW TO FIND OUT !!!

I received a lengthy letter recently from Peter Dillon regarding the identification of some stations which may be causing some confusion among members. They are Libyan Broadcasting Service, Radio Omdurman, and the clandestine Voice of the Sudanese Popular Revolution. Peter is uniquely qualified to clear up this confusion as he is fluent in Arabic. Here are his Arabic identifications accompanied by the accurate English translations:

LIBYA:

Domestic Service: Itha'atu ul-Jamahiriyat il-'Arabiyyat il-Libiyat ish-Sha'abiyat il-Ishthirakiyyah. (Broadcast of the Popular Socialist Libyan Arab Jamahiriyah).  
External Service: Sawt ul-Watan il-'Arabiyyi il-Kebir, Sawt uth-Thawrat ish-Sha'abiyah. (Voice of the Great Arab Homeland, Voice of the People's Revolution).

CLANDESTINE:

Sawt uth-Thawrat ish-Sha'aabiyat is-Sudaniyyah. (Voice of the Sudanese Popular Revolution).  
 Sawt ush-Sha'ab il-Libi. (Voice of the Libyan People. An anti-Quaddafi station probably based in Egypt or perhaps Algeria).

SUDAN:

Huna Omdurman, Itha'atu ul-Jumhuriyyat is-Sudaniyyat id-Dimuqratiyyah. (Here is Omdurman, Broadcast of the Sudanese Democratic Republic).

Note: Peter advises that Arabic pronunciation can vary depending upon the diligence of the announcer. His transliterations above are in perfect modern standard Arabic. However, announcers may drop the "t" at the end of some words and change the "j" to a hard "g".

Peter has provided some additional information regarding some recently reported loggings from this column which he indicates can be misleading if the listener is not familiar with the Arabic language. In the March issue was a log for the Voice of the Arab Homeland on 17940 kHz, but the details indicate that it was more likely the Voice of the Sudanese Popular Revolution. In the May issue, this same station was reported as Radio Omdurman, although the description clearly pointed to the clandestine. Peter truly doubts that Radio Omdurman would use a frequency in the 16mb. Further, that the clandestine has not been heard since the coup d'etat in Khartoum when Nimeiri was overthrown, although he has not monitored the frequency enough to definitely state they are off the air. I also have not heard this station, and after checking with David Sharp, he also concurs that they are probably not on the air currently.

David further adds that he has never know Radio Omdurman to utilize a frequency above 25m, although awhile back they tested on 11941, and some unconfirmed reports indicate they are now using 11880. However, David further comments that a mis-ID is quite easy to anyone unfamiliar with the Arabic language. On or about November 23, 1984, another incident occurred to only further this confusion; that is, a punch-up error took the Voice of the Sudanese Popular Revolution off its normal frequency of 17940 and placed it on 17930, the frequency usually used by Libyan Radio. Since then, David has monitored similar errors on four or five more occasions.

Many thanks to Peter and David for the information they supplied.

The following SPEEDXers made this column possible:

Phil Abbinante	Mason Bair	Frank Bingham	Art Blair
Marion Blanchette	Ralph Bowden	Herb Bradley	Virgil Carlson
David Cook	Richard D'Angelo	Phillip Dampier	Amel Dennis
Peter Dillon	Kenneth Frank	John Freeman	Joel Goodman
Speed Gray	Mike Hardester	Rob Harrington	Ruth Hesch
Billy Hunt	Robert Kaessinger	Earle Lord	Sandy Manning
William Miller	Satoshi Miyauchi	Michael Neuverth	Neal Perdue
Raymond Rocker	Michael Scheel	David Sharp	Senshu Shimada
R. Shreedhar	Edward Soomre	Norman Stephenson	Peggy Thompson
Robert Thunberg	Gayle Van Horn	Michael Wegner	Craig Wicks
Marjorie Witte	Bob Zirkelbach		

As a final treat, to whet everyone's appetite, I have saved a little goodie for everyone to enjoy when I had the room. Below is a copy of a QSL card from perhaps the ultimate DX target, the elusive Tristan da Cunha, bagged by David Sharp in March, 1983. This is the closest most of us will ever get to a QSL verification from this station. Enjoy it while you can! The letter which accompanied the very stated:

THE  
BROADCASTING SERVICE  
OF  
TRISTAN DA CUNHA  
SOUTH ATLANTIC OCEAN

**ZOE**

TO:  
THE BROADCASTING SERVICE OF TRISTAN  
DA CUNHA THANKS YOU AND ACKNOWLEDGES  
YOUR RECEPTION REPORT OF 6 MARCH 19 83

*A. L. Patterson*  
DIRECTOR OF BROADCASTING *ZD9BZ*

Dear David,  
Thank you for your letter. You probably did pick us up although our local broadcast only generates 40 watts and is for local consumption only. Our disc jockey is in fact a woman (but she has a deep voice), and she says "This is the b'casting service of T.D.C. broadcasting on the frequency of 3290 kHz." We relay the BBC World News at 2000 GMT which is what you heard. We do not keep reception reports as we are not broadcasting to the outside world, but it was nice to have your letter. For your information Tristan "hams" often work on 21.334 mHz to America, SSB speech. We also b'cast on 3290 kHz on Wed, Fri as well as Sunday (7:45 to 10:00 GMT). I am enclosing our Stamp Bulletin which tells you something about Tristan. Best wishes from us here. 73's,

Pat (Postmaster and R/O)

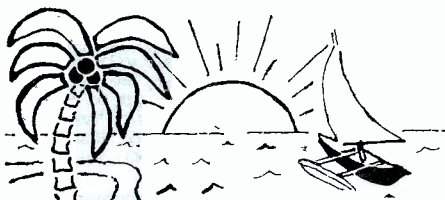
That's all for this month. Thanks to everyone who put notes in with their loggings; and especially to the nice letters from Gayle Van Horn, Mike Hardester, and Bill Miller. Until next month . . . good listening!

*Speed*

# ASIA-OCEANIA

EDITOR:

BOB THUNBERG  
409 Burt Street  
DuBois, PA 15801



DEADLINE: 12th of each month  
FREQUENCIES IN KILOHERTZ  
TIMES ARE IN GMT  
\*0000=sign on 0000\*=sign off

Summertime conditions are starting to prevail on the SW bands, as evidenced by the extremely low number of tropical band loggings this month. Luckily, conditions have recently improved on the higher frequencies, so there is still plenty of DX to be heard.

Michael Nowicki-CA reports that he has just completed the new SPEEDX GUIDE TO SOVIET RADIO. It is 32 pages long and includes items on R. Moscow, Soviet internal services, utilities, and even satellite telemetry. Date of availability and price are unknown at this time. Michael also reports hearing quite a bit of jamming on Soviet internal freqs including 4485 and has noted what he believes to be a Russian clandestine or pirate. The freq of this station varies nightly and is usually jammed. He wants to know if other monitors have heard this activity as well. Thanks for the info Michael-the possibility of a Russian clandestine is exciting. How about passing along some of freqs and times of these broadcasts?

## B A N G L A D E S H

### R. Bangladesh

11670 \*0800 RB: EE: s/on w/ Qur'an; tlk on "Evolution of the Holy Prophet"; S. Asian mx; hvy QRM (343 5/9 Kaessinger-FRG)  
15240 0830\* RB: EE: "V. of Islam" prior to s/off (433 5/20 Shreedhar-India)

## C H I N A (PEOPLE'S REPUBLIC)

### R. Beijing

5240 1120 FFS-1: CC: discussion pgm w/OM-YL, poss. ID, CC mx (332 5/12 Prath-FL) @ 1400 w/TPs, ID & rx (333 5/18 Cook-CA)  
7850 1115 FFS-1: CC: tlk, CC mx; // 5240, 5265 (322 5/26 Prath-FL)  
9020 1535 CPBS Beijing: CC: accordian mx incl "Beer Barrel Polka"; ID into class mx; 1556\* (333 6/6 Sharpe-CA)  
9030t 1520 CPBS (tent.): CC: CC opera; ID @ 1530 w/poss. ment of Taiwan (222 5/14 Berri-CA) Prob. same stn reported on 9020...RBT  
9535 \*1200 RB: EE: wld & lcl nx, cmty on WWII; CC lang lesson (555 5/8 Neuverth-CO) @ 1245 w/"Listener's Letterbox"; 1256\* (343 5/19 Zilmer-NM)  
9550 1420 RB: EE: intvw w/English YL; tlk on Beijing factory (gd 5/22 Sheedy-CA)  
9730 1420 RB: EE: tlk on Chinese family life, CC mx (344 5/26 Stratmann-MO)  
9775 1540 CPBS: CC: ID, Strauss waltzes; 1555\* (232 5/31 Sharpe-CA)  
10245 1410 CPBS: CC: OM tlk w/ments of Beijing; 1430\* (444 5/21 Berri-CA)  
11290 0725 CPBS: CC: CC class mx & flute mx; //11330 (141 5/28 Nowicki-CA)  
11650 2320 RB: EE: pop mx w/YL anncr; 2325\* (233 5/21 Miller-CA)  
11695 1420 RB: CAMBODIAN: YL tlk, mx interlude (333 5/27 Berri-CA)  
11860 1145 RB: EE: CC lang lesson, sked & 1156\* (343 5/29 Bingham-MA)(Valentine-CA) @ 1200 w/nx, pgm on CC artist (453 5/9 Fraser-MA)(Gerstner-NY)  
15095 1628 RB: EE: "You are listening to R. Beijing" (444 6/3 Trent-AK)  
15120 0100 RB: SS: IS, ID, wld nx (343 5/18 Dillon-MD)  
15165 1430 RB: EE: nx, tlk on Chinese crops (353 5/31 Miller-CA)  
15520 0300 RB: EE: tlk on arms race; "News About China" (222 5/22 Zirkelbach-CA) "Listener's Letterbox" (5/6 Rocker-MS) @ 2315 in SS (Rocker-MS)  
15600 0202 RB: CC: presumed nx; //15520; also SS on 15100 (354 5/10 Rocker-MS)  
17650 0134 RB: SS: oriental mx, ID, YL w/story (242 5/11 Dillon-MD)

## C Y P R U S

### BBC Relay

17885 1445 BBC: EE: relig nx, "Radio Newsreel" (fr-gd 5/22 Sheedy-CA)

## I N D I A

### All India radio

9910 2100 AIR: EE: ID, mx, nx by OM; Ute QRM (333 5/1 Frank-ONT) nom. 9912...ed

## I N D O N E S I A

### Radio Republik Indonesia

4000 1250 RRI Kendari: FF: nx by OM; QRM (433 Keenan-KOREA) sure it was FF?..ed  
4874.8 1430 RRI Sorong: IN: back here w/gd sig; lcl nx, pop mx to 1457\*; nothing hrd on 5/31 (444 5/28 Miyauchi-JP)

11865 1600 RII Jakarta: BAHASA MALAY: IS, ID, nx, anthem & 1605\* (444 5/23 Carlson-WA)

I R A N V. of the Islamic Republic of Iran  
 9022 0300 VOIRI: FARSI: OM tlk & poss. nx (232 6/1 Dampier-NY)  
 15084 1245 VOIRI: FARSI: tlk on Israel; Qur'an; Islam pgm @ 1300 (242 5/18 Dillon-MD) @ 1600: EZL mx, recitations (333 5/11 Harris-OH) lcl mx, chime & ID @ 1630 (242 5/28 Miyauchi-JP) @ 0300 w/tlk & ID; //9022 (Schmautz-NY)

I R A Q R. Baghdad; Sawt ul Jamaheer  
 9610 2035 RB: EE: nx of war w/Iran (444 5/26 Wimmers-VA) tlk of "evil in Tehran" (Prath-FL) AA mx, cmty (6/7 Duncan-NC)(Bingham-MA)(Harris-OH)  
 9635 1836 RB: AA: Home Svc pgm of tlks, ME instl mx; TPs @ 1845 during speech by OM; //9745 (353 5/4 D'Angelo-PA)  
 11750 1835 SuJ: AA: ID, ME mx; "Rukn Libya" (Libya Corner); bells @ 1900 into nx (444 5/27 Dillon-MD) This is actually the stn I said was Libya in June A/O...RBT  
 13700 1810 SuJ: AA: ME mx w/chorus; QRM de Moscow on 13705(323 5/15 Abbinante-IL)

I S R A E L Kol Israel  
 7412 0100 KI: EE: ME nx, "Living Here" (434 5/9 Dillon-MD)  
 9010 0410 KI: EE: nx & wx (444 5/9 Hunt NC) nom. freq is 9009...ed  
 9435NF \*2300 KI: EE: nx of Mengele's body found in Brazil (333 6/6 Duncan-NC)(Hills-BC) @ 0005 "Spotlite on the World"(343 6/2 Bingham-MA) @ 0430\*(Trotto-FL) @ 2150 w/Israeli Festival; ex-9440 (222 5/30 Zilmer-NM)  
 9440 0004 KI: EE: world nx (423 5/6 Cironne-NJ) (Dillon-MD)  
 9815 0030 KI: EE: nx, wx, spts (Langlois-GA)Dillon-MD)(Trotto-FL)(Miller-CA)+1  
 11585 1702 KI: EE: tlk on Jordan & PLO (333 6/6 Bingham-MA) nx, cmty into FF @ 1715 (434 5/29 Strebel-NY) @ 1900 w/Home Svc "B" pgm(5/9 Rocker-MS)  
 11655 \*2300 KI: EE: nx of release of Israeli POWs (444 5/20 Bishop-NY) "Living Here" (Gerstner-NY) "DX Corner"(Addison-KS) nx of prisoner exchange(Bradley-MA) @ 1915 w/"TGIF" pgm (Byron-PA)(Bingham-MA) @ 2135 (VanHorn-FL)  
 15585 2134 KI: EE: econ nx, "Let My People Go", "Travel Magazine" (5/28 Bingham-MA)  
 17630 1126 Reshet Bet B: HH: speech w/live audience (242 5/11 Dillon-MD)  
 17685 1001 KI: EE: nx of American kidnapped in Beirut (333 5/29 Bingham-MA)  
 17815 1900 KI: EE: nx, cmty, Israeli Festival (222 5/30 Zilmer-NM)

J A P A N Nihon SW Best; R. Japan (NHK)  
 6055 0850 NSB: JJ: giggling YL annor w/rock mx (444 5/8 Wegner-TX)  
 9505 \*0900 RJ: EE: wld nx, "Current Affairs", "Japan Scene"; //15195, 15235 (555 5/7 Neuverth-CO) @ 1535 w/JJ lang lesson (Addison-KS) @ 1100 w/nx of tidal wave that hit Bangladesh.(Allen-CA) @ 1649 (Valentine-CA)  
 9595 0640 NSB: JJ: tlk w/ments of Jap. cities; ID by YL (544 5/23 Miller-CA)  
 9605 1350 RJ: EE: lcl nx; //9505 (434 5/31 Berri-CA) @ 1458 w/IS, ID in JJ & EE; EE nx @ 1500 (444 5/26 Stratmann-MO)  
 9645 1545 RJ: HINDI: nx, cmty, topical feature (433 5/21 Shreedhar-India)  
 11710 1745 RJ: EE: "DX Corner"; nx @ 1750 (434 Keenan-Korea)  
 11950 0530 RJ: EE: nx of Schultz-Gromyko mtg (332 5/16 Bowden-CA)  
 15195 0215 RJ: EE: cmty on Jap. oil (544 5/21 Miller-CA)  
 15235 0700 RJ: EE: Special 50th Anniv. pgm; //9505, 17810, & 17710 via Gabon (444 5/1 Hardester-CA)  
 17755 0108 RJ: EE: "Current Affairs"(242 6/3 Manderscheid-CA) @ 0300 w/tlk on the Isis, a vy rare bird; hvy QRN (Zirkelbach-CA) @ 0205 in JJ (Dillon-MD)  
 17825 0223 RJ: EE: tlk of free enterprise; not rcvd here often (343 5/12 Soomre-MA) EE/JJ lang lesson (353 5/15 Scheel-IA)

JORDAN: Mike Harris-OH forwarded this R. Jordan sked received direct from the stn: 7155, 0330-0730, AA; 9530, 0930-1400, AA; 9560, 1500-1700, EE; 7155, 1900-2330, AA; 11920, 0330-1500, AA. Tnx for this info & the other tidbits Mike...RBT

K O R E A (DEM. PEOPLE'S REP.) R. Pyongyang  
 4119.6 1045 V. of Rev. Party for Reunification: KK: YL, OM tlk; class mx(Wegner-TX)  
 6539.3t 1101 RP: KK(?): OM tlk, poss. nx (333 5/7 Wegner-TX)  
 9745 1102 RP: EE: cmty, some mx (534 5/24 Miller-CA) story abt Korean fishermen (443 5/5 Prath-FL) symphony mx, cmty (434 5/10 VanHorn-FL)  
 9765 0822 RP: EE: tlks on reunification (444 5/11 Berri-CA) CA)  
 9977 1159 RP: EE: IS, nx, KK mx (333 5/24 Harris-OH) tlk of irrigation(Valentine-CA)  
 11680 1620 RP: KK: patriotic mx; ID (353 5/31 Sharpe-CA)

K O R E A (REPUBLIC OF) R. Korea  
 6135 1336 RK: KK: tlk by YL w/ment of "KBS"; mx (333 5/19 Miller-CA)  
 7275 1059 RK: EE: wld nx, ID & sked (433 5/24 Freeman-AZ) Olympic tlk (Bowden-CA)  
 7550 1545 RK: II: nx w/ments of "Koreano" (444 5/11 Berri-CA)  
 9750 1400 RK: EE: tlk of baseball, Korea's #1 sport (545 5/16 Robinson-TX) mx, listener's letters; 1500\* (222 5/18 Gurley-TX)  
 9870 1625 RK: EE: KK mx, lang lesson (433 5/22 Miller-CA)

15575 1400 RK: EE: ID, sked, wld nx (443 5/25 Prath-FL) "Seoul Calling" "Let's Learn KK"(5/31 Miller-CA) nx, KK mx into KK @ 1500(5/29 Abbinante-IL) @ 0030 in KK (Valentine-CA) 0145 EE (Hunt-NC) (Zilmer-NM)

K U W A I T

R. Kuwait  
9840 2100 RK: AA: nx, ID, ME mx (444 6/8 Schmautz-NY) 2220\* (5/14 Abbinante-IL) @ 0000 w/nx & pop mx (5/28 Harris-OH) during Ramadan RK has been on this freq as late as 0100...RBT  
11675 1800 RK: EE: usual pop mx format w/occ. nx & Islamic pgms (555 Kaessinger-FRG) (Hesch-NY)(Bingham-MA)(Marengo-NY)(Hunt-NC)  
11990 1800 RK: AA: "Star Wars" mx; Islamic history; QRM de R. Prague @ 1830 (433 5/18 Dillon-MD)  
15495 1910 RK: AA: AA mx, ID @ 1940 (333 5/16 Blanchette-FL)

M A L A Y S I A (EASTERN)

RTV Malaysia  
4950 1030 RTM-Kuching: EE: 6 TPs at 1/2 hr; YL ID into "Woman's Magazine" pgm; // 7160 (343 5/19 Hardester-CA)

N E P A L

R. Nepal  
5005 1630 RN: NEPALI: ads, Hindi mx (433 5/22 Shreedhar-India)

P A K I S T A N

R. Pakistan  
11675 1605 RP: EE: slow speed nx to 1615\*; //15595, 17665v(454 5/28 Miyauchi-JP)  
15595 1100 RP: EE: TC, ID, slow speed news w/ Europe, 1115\*; QRM de CPBS on 15590 (343 5/24 Shimada-JP) lcl nx, summary of econ policies; my 1st reception of Pakistan(242 5/23 Hills-BC) @ 1500 EE (Harris-OH)  
17660 1605 RP: EE: slow nx to ME & E. Africa; RTTY QRM (fr 5/31 Thunberg-PA)  
17760 1100 RP: EE: slow nx (454 6/1 Kaessinger-FRG)

R. Pakistan sked in EE 1700-1745 on 11810 & 9465. (SWLD 5/20)

P H I L I P P I N E S

V. of America; Far East Bcst Co.; R. Veritas Asia  
6110 1059 VOA: EE: IS, nx, tlk abt drugs; //79760 (242 5/12 Dillon-MD)  
7230 1100 VOA: EE: wld & US nx, //6110 (233 5/16 Wegner-TX) @ 1532 EE/CC: EE lang lesson into all EE @ 1600 (fr 5/22 Sheedy-CA)  
9670 1516 RVA: EE: relig tlk, class mx, church & wld nx (433 5/16 Miller-CA)  
11720 1329 FEBEC: EE: YL w/ID, TC, nx; relig mx & pgmning (433 5/11 Thompson-CA)  
11815 1715 FEBEC: EE: mx pgm, some songs w/TAGALOG lang lyrics (Keenan-Korea)  
11890 0715 FEBEC: EE: "The World for Today" w/Pastor Chuck Smith; "The Sound Alternative"; nx @ 0730 (222 5/27 Hills-BC)  
15315 0115 FEBEC: EE: "Encounter"; ID & TC @ 0130, nx; ex-15445 which is still used 2300-2400 (353 5/19 Shimada-JP)

S A U D I A R A B I A

Besting Svc of the Kingdom of Saudi Arabia  
15060 1535 BSKGA: AA: tlk of new sports centre in Riyadh (322 5/12 Harris-OH) @ 1410 w/orch mx, intvw (5/15 Abbinante-IL) @ 1811 in BAMBARA: rlg tlk, ME mx, TPs & ID @ 1830 (343 5/27 Dillon-MD)

S I N G A P O R E

Singapore Besting Corp.; BEC  
7165a 1200 SBC: TAMIL: song & poetic meet (432 5/19 Shreedhar-India)  
11750 1130 BEC: EE: tlk on doctors in Singapore & Malaysia (433 Valentine-CA)  
11940 0753 SBC: EE: rock mx requests, concert ad, TCs, brief nx, Mailbag pgm @ 0830(242 5/29 Thompson-CA) EZL mx & book review(Cook-CA) nx of tribal violence in S. Africa(Bowden-CA) YL w/nx (5/15 Witte-CA)

S R I L A N K A

Deutsche Welle Relay; Sri Lanka Besting Corp.  
9645 1130 DN: JJ: nx and tlk (555 5/23 Shreedhar-India)  
11800 1515 SLBC: HINDI: ID by OM; Hindi movie mx, mostly old stuff; woodpecker QRM (222 5/29 Sharpe-CA)  
11945NF 0210 DN: EE: to S. Asia, replaces 6135 (544 5/20 Shreedhar-India)

S Y R I A

R. Damascus  
11685 2006 RD: EE: "Flight of Bumblebee", nx, US pop mx (433 6/2 Dampier-NY)  
12085 2005 RD: EE: US pop mx, nx of Arabic Nations (544 5/8 Hunt-NC) lcl mx w/pr modulation (D'Angelo-PA) "Welcome to Syria" pgm (Gerstner-NY) US C&W pops, nx brief & 2105\*(Berri-CA) (Abbinante-IL) (McKeon-IN) (Rocker-M3) 30 min. mx pgm of the Ventures-anybody remember the Ventures?(5/9 VanHorn-FL) I sure do remember the Ventures Gayle-I used to own about 10 of their albums and would love to get a copy of their version of "Telstar"...RBT  
17825 2031 RD: EE: EZL instel mx, ID, nx brief, sked,NA & 2104\*(444 6/4 Hardester-CA) anncd unheard //15435 @ s/off (D'Angelo-PA)(Scheel-IA)(Bingham-MA) (Manderscheid-CA) @ 1845 in GG: ID, "Flight of Bumblebee"(Valentine-CA)

R. Damascus: new freq 9760 in AA, 2200-2300 & from 0300. (SWLD 5/20) Also AA on 12085 to 1500 then switches to 7455 kHz. (Noel Green RDI Report, SWLD 6/3) They also announce a Nam Svc at 1200-1300 on 13700 but nothing hrd as yet. They should have stayed on 17510 for this xmen, as it was hrd quite well, at least in ECNA...RBT

TAIWAN

5980 1035 V. of Asia; V. of Free China  
 V. of Asia: EE/CC: lang lesson; EE ID @ 1039 into CC pop mx (222 5/7 Wegner-TX)  
 5980 0120 VOFC: EE: tlk on Zhou Dynasty; top 40 mx (444 5/16 Nowicki-CA)  
 9680 0130 VOFC: EE: CC lang lesson (353 5/21 Bowden-CA) mx pgm @ 0230(Keenan-KOR)  
 11915 \*0900 VOFC: CC: s/on w/NA, ID into wld nx (222 5/8 Wegner-TX)  
 15055 \*1300 WYFR (via VOFC): EE: "Family Bible Reading Fellowship"; "Sounds of the Times"; ex-15035 (454 5/22 Shimada-JP)

TURKEY

9560 \*2200 V. of Turkey  
 VOT: EE: nx, tlk on scuba diving (433 6/2 Ruckman-OH) "Letter From Turkey", "DX Corner" (Scheel-IA)(Bingham-MA)(Gerstner-NY)(VanHorn-FL)(Bradley-MA) @ 0315 w/"Letter From Turkey" (333 5/14 Duncan-NC) @ 0130 in TURKISH: Turkish mx (pr Bowden-CA)  
 9660 2205 VOT: EE: tlk on Turkish Cypriots (343 5/14 Duncan-NC)  
 9730 0308 VOT: EE: nx, ID, "Letter From Turkey" (434 5/12 Berri-CA)  
 9755 2205 VOT: EE: tlk on 40th anniv. of VE Day; "Letterbox" (5/8 Bingham-MA)  
 15520 1357 VOT: TURKISH: Turk. mx, ID "Burasi Ankara" (5/11 Dillon-MD)(Prath-FL)(Dampier-NY) (Abbinante-IL)

U S S R (ASIAN)

R. Moscow World Svc  
 4030 0750 Anadyr-ARSPSR: RR: tlk, IS of bells w/12 strikes @ 0800 into Moscow 1st pgm; terrible QRN (312 5/15 Nowicki-CA)  
 4040 \*1055 RMWS-Vladivostok: RR: IS, "Moskva" ID into tlk (322 5/8 Wegner-TX)  
 4050 1040 Frunze-Kirghiz SSR: RR: OM tlk, class mx; TPs & tent. ID by YL @ 1100 (232 5/27 Prath-FL)  
 4485 0728 Petropavlovsk-Kamchatskiy-ARSPSR: RR/EE: RR pop mx; ID as "Radiostantsiya Tikhy Okean"; EE nx 0740-0744 (434 5/18 Berri-CA)  
 5940 0650 Magadan-ARSPSR: ? : somber tlk & mx (Redski deadski?); RTTY QRM; //9500, 9600 (434 5/26 Nowicki-CA)  
 7210 \*0748 R. Tikhy Okean(prob. via Vladivostok..ed): EE: OM & YL w/weekly EE xmsn. Cmty on workers rev. gains & S. Korea's problems; // 7492LSB (343 5/18 Hardester-CA)  
 9810 1600 Khabarovsk-ARSPSR: RR: Mayak pgm of tlk, RR mx, ID(5/11 Berri-CA)  
 11705 1530 Vladivostok-ARSPSR: RR: R. Atlantika pgm of mx, intvws, ID (555 5/26 Sharpe-CA)  
 11870 1645 Khabarovsk-ARSPSR: CC: ID, YL w/nx, RR pop & C. Asian mx(5/31 Sharpe-CA)  
 11880 1900 R. Afghanistan relay: EE: nx by OM; covered by REE @ 1923; jammed on both sides of channel (322 6/9 Dampier-NY)  
 12050 0350 RMWS Petropavlovsk: EE: tlk on Soviet technology (444 5/5 Rocker-MS)  
 13635 0100 RMWS Komsomol'sk-ARSPSR: EE: end of R. Kiev into RM (5/2 Rocker-MS)  
 15265 0200 RMWS (unid Asian site): EE: wld nx; //15520, 15515 (5/10 Rocker-MS)  
 15425 \*0300 RMWS Petropavlovsk: EE: wld nx to WCNA (355 5/5 Rocker-MS) India  
 15460 1330 R. Tashkent-Uzbek SSR: EE: to S. Asla (new time, ex-1400)(Shreedhar-  
 15570 0635 RMWS (unid site): CC: RR folk mx; ID by YL, nx (333 5/12 Sharpe-CA)

The stns logged on 11995 are Mayak via Mogilev-Byelorussian SSR and should be sent to the European editor...RBT

UNITED ARAB EMIRATES

V. of UAE; R. Dubai  
 9595 1852 VOUAE: EE: mx, requested reception reports (454 5/2 Hesch-NY)  
 15300 \*1600 RD: EE: press review, nx @ 1630 (333 5/18 McKeon-IN) pgm abt Nile river (Scheel-IA) tlk on caravan travel across Syrian desert (Bingham-MA) terrorist bombings in Beirut (Abbinante-IL) (Hunt-NC)  
 15320 1607 RD: EE: pgm abt Arabian Knights (333 5/17 Bingham-MA) AA @ 1525: reading from Qur'an; QRM de pose. RCI on 15325 (322 5/29 Abbinante-IL)  
 17775 \*1330 RD: nx, Look at UAE Press, pgm on city of Palmyra, Syria (243 5/12 McKeon-IN) (Gerstner-NY)(Bingham-MA) @ 1208 in AA: drama, ID, AA mx, cultural features (5/11 Dillon-MD) @ 0330 w/instrl mx(Keenan-Korea)

VIETNAM

V. of Vietnam  
 10040 1000 VOV: EE: tlk, nice mx (444 5/24 Shreedhar-India)  
 12035 1420 VOV: IN: YL w/tlk on Kampuchea, etc. (433 5/23 Berri-CA)  
 15010 1800 VOV: EE: wld nx, "Our Country" pgm (333 5/27 Hills-BC) tlk on Sino/Viet. problems (5/12 Stephenson-CA) nx, cmty @ 2000 (Zilmer-NM) @ 1435 in VV (?): nx, VV mx, ID & 1445\* (343 5/22 Abbinante-IL)

YEMEN ARAB REPUBLIC

R. San'a  
 4853 \*0300 R. San'a: AA: IS of chirping birds; //9779 (222 5/7 Rocker-MS)

CLANDESTINE

11640 1831 R. Iran (tent.): FARSI: tlk abt Islamic Iran; ME mx; ment. of Shapour Bakhtiyar; anthem & 1924\*, no ID (433 5/18 Dillon-MD)

Misplaced log: Michael Nowicki-CA hrd an unknown RR lang stn @ 0715 on 4770, possibly a RR clandestine. Mostly mx w/YL anncr, hvy jamming by constant tone.



\*\* O C E A N I A \*\*

A U S T R A L I A

R. Australia

5995 1025 RA: PD: PNG Svc, TC, wld mx @ 1030; EE @ 1058 (444 5/12 Dillon-MD)  
 6035 1610 RA: EE: "Talkback"; 9770 no longer available (5/18 Shreedhar-India)  
 6045 0752 RA: EE: disc. of ties w/Europe (444 5/18 McKeon-IN)  
 6060 1040 RA: EE: "Countdown"(453 5/29 Blanchette-FL) "Australian Insight"(5/17 Fisher-NM) (VanHorn-FL) (Miller-CA)  
 6080 0820 RA: EE: PNG Svc of rock mx; //5995 (211 5/5 Wegner-TX)  
 7205 1527 RA: EE: IS, s/on; gd signal in the clear (5/15 Witte-CA)  
 9580 1214 RA: EE: "Talkback", Mark Warner anncd as winner of UADC Competition (353 5/19 D'Angelo-PA) QRM de Moscow @ 1616 (Harrington-CO) (Allen-CA)  
 9710 1230 RA: EE: request for listeners in Japan to send in reports on this freq because they were listening to a 250kW xmtx in Darwin, not the usual 100kW Shepparton xmtx (pr-fr 5/19 Prath-FL)(5/16 McKeon-IN)(Bowden-CA)  
 11800 1400 RA: EE: test xmsn to Japan //9710 (454 5/23 Miyauchi-JP)  
 15160 0430 RA: EE: pop mx, cmty to PNG, S. Asia (gd 6/13 Thunberg-PA)  
 15320 0420 RA: EE: Look at Melbourne newspaper (434 5/9 Hunt-NC)(Harrington-CO) (Stephenson-CA) (Scheel-IA) FF @ 0220 (Harrington)  
 15395 0315 RA: EE: spts scoreboard (444 6/3 Schmutz-NY) Vietnam after 10 yrs (Stephenson-CA)(Dampier-NY)(Zirkelbach-CA)(Bowden-CA)(Hunt-NC) +1  
 17715 0155 RA: EE: pop mx, spts (5/11 Dillon-MD) //17750 (5/30 Zilmer-NM)  
 17795 0443 RA: EE: C&W mx, ID w/ment of SW xmtx sites, wx (454 5/19 Brewer-AR) "Open Channel" abt video products(Zirkelbach-CA) (Scheel-IA)

C O O K I S L A N D S

CIBNC-R. Cook Islands

11760 0410 RCI: EE: class & mod. mx; ID by YL @ 0459 into relg pgm (232 5/20 Schulsinger-OH) MAORI/EE @ 0810: island/pop mx; blurb for R. Australia mx @ 1100; TCs in EE, all else in MAORI (343 Thompson-CA) EZL mx (5/27 Hills-BC) @ 0606 w/R. Australia nx relay, EE intvw; hrd as late as 0854. Already QSLed this reception (5/3 Miyauchi-JP) (5/13 Wegner-TX)

David Sharp-FL reports that RCI has raised their power from 500W to 1kW.

G U A M

KTWR

11840 0950 KTWR: EE: DX pgm (433 5/18 Shreedhar-India)  
 15350 \*0000 KTWR: EE: IS, ID; "Wesleyan Hour"; "TWR Mailbag"; "Sounds of the Times" sked & 0101\*; ex-17790 (454 5/19 Shimada-JP)

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

KYOI; KFBS

9665 1900 KYOI-Saipan: pop mx w/EE & JJ DJs (443 5/16 Miller-CA)  
 11900 1350 KYOI: EE: rock mx w/OM DJ; I am listening to this while typing column (good 6/18 Thunberg-PA)  
 15190 0900 KYOI: EE/JJ: "Super Rock" w/OM in EE & YL in JJ (151 5/22 Bowden-CA)  
 15415 0145 KFBS: EE: chamber mx (333 5/12 Stephenson-CA)

KFBS has an unlisted pgm in GG on Mondays, 0930-1000, on 11915. (Thomas Meisenlock, SCDX) (from David Sharp-FL)

N E W Z E A L A N D

R. New Zealand Intl.

9620 1044 RNZI: EE: mx, wx, spts to Australia (253 5/3 Hesch-NY)  
 15150 \*0410 RNZI: EE: mx pgm featuring British vocalists of the 40s (253 5/18 Schulsinger-OH) @ 0349 w/nx, mx (333 5/24 Marengo-NY)

Latest RNZI sked: 1845-2115 on 11780 & 15150; 2345-0145, 17705, 15150; 0345-0730, 11780; 1030-1215, 9600 & 11780. (Arthur Cushman on SCDX) (from Sharp-FL)

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

4890 1355 NRC-Port Moresby: EE: mx; ID "National Service, Papua New Guinea, Port Moresby", anthem & 1400\* (322 5/14 Carlson-WA)

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

R. Tahiti

CA)

6135 0600 RT: FF: banjo & FF mx; ID @ 0614; //11825, 15170 (353 5/18 Hardester-CA)  
 11825 0245 RT: FF: rock mx, phone-in show (444 5/10 VanHorn-FL) @ 0835 in Tahitian: Tahitian songs incl "La Bamba" (McKeon-IN)  
 15170 0240 RT: FF: rock mx, Rockabilly ID (443 5/13 Trotto-FL) relg pgm(Hille-BC)

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

Solomon Islands Besting Corp.

5020 1043 SIBC: island mx; splatter de R. Rebelde on 5025 but hrd well on LSB (gd 5/27 Perdue-AL)

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DX Tips from Sweden Calling DXers, 6/18/85

AFGHANISTAN: EE at 1900 on 7310, 7320, 9665, & 11960. (Arthur Cushman-NZ)  
 JAPAN: since 6/11/85, R. Japan also uses 15235 for EE xmsn at 1215 & 2300. (BBCMS)  
 SRI LANKA: Deutsche Welle reported on 6/4/85 that its Sri Lanka relay stn was the target of a terrorist attack. Xmsms from the stn have been temp. suspended. No serious damage.

Relative slow month, but plenty for 5 pages-tnx to all & hope you're enjoying the summer!

*Bob*

# JAPAN REPORT

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JAPAN

# 日本レポート

Greetings! Before I begin this month's column let me again make an offer to SPEEDX members residing in Japan. If you would like to send me late-breaking DX news or loggings during the 1st week of each month, please do so. I did receive reports from one member recently, however the reports were incomplete. When you send loggings please include all details; country, freq., time (UTC), station name & program details.

I've been quite busy recently-- teaching at various QTHs in Kansai & studying Japanese 3 times a week in Kyoto, so I'd appreciate some support for this column. OK, now the loggings.....

## AUSTRALIA

6035 1708 R. Australia: EE end of world nx, ID, "Report from Asia" (fr-gd, 5/25)  
Radio Australia announced on May 19th that the frequency of 9710, broadcast in EE & JJ from 1200-1600 UTC to Northeast Asia & the Pacific was being Xmitted from a 250kw xmitter in Darwin instead of the 100kw tower at Shepparton in the hopes of improving reception. However, in reply to one of my rare reception reports, the QSL gives the Shepparton location as the operating xmitter.

## CHINA (PEOPLE'S REPUBLIC)

4960 1335 R. Beijing: JJ lite mx, "Pekin Hoso dashimasu", tlk on Thai economic problems (fr-gd, 6/9)  
6005 1310 Gansu PBS: CC traditional mx, OM/YL tlks w/IDs, brief pieces of Mexican & Hawaiian mx, more tlk, overtaken by co-channel NHK Nagoya at 1340  
17605 0105 RB: CC vocals & instrumentals, YL announcer w/0157 ID ////(gd-pr 5/20) (fair, 5/27)

Further clarification of Radio Beijing's Vietnamese broadcast on 5050; Radio Australia's "Talkback" (5/26) said this bcst comes from Guangxi (Nanning), explaining my mistaken Quang Ngai (Vietnam) ID a few months back.

## FINLAND

17785 \*1400 R. Finland: EE IS, s/on w/ID, YL world nx mixing w/ co-channel Switzerland FF pgm (pr-fr, 5/27)

## GERMANY (DEMOCRATIC REPUBLIC)

17700 1129 Radio Berlin International: EE rpt on "CIA attacks against Nicaragua", tlk on the end of WWII, ID as "the SEA service of RBT"(fair, 5/11)

## INDIA

7235 1300 All India Radio (HS) Madras: U/lang w/long strings of Indian mx, TPs on the 1/2 hour, nx w/mentions of Indian cities (pr-gd, various)

## JAPAN

9535LSB 0610 NHK Fukuoka 1st pgm: Another of Murphy's laws -- I reported this as inactive in the May SPEEDX, so naturally here it is w/ JJ YL taking listener's phone calls (fr-gd, 5/25)  
9550LSB 0232 NHK Tokyo 1st pgm: ditto for this freq. w/OM & apparent grammar lesson in the school bcst service (fair, 5/27)

## LIBYA

7245 2015 SPLAJEC: AA choral singing, OM ranting about Sudan (no doubt praising the recent coup), mentions of America & Morocco, more nx (fr-gd, 5/22)

## MONGOLIA

11855 1349 Ulan Bator (HS): MM w/CC-style oriental mx, 1400 ID, 1411 more mx (fr-gd 5/16)  
11985 1213 R. Ulan Bator: EE nx of South Korean students demo, ID, oriental mx, cmtry on Japanese Socialist Party // 12015 fr-gd (fair, 5/24)

## PAKISTAN

21765 1210 R. Pakistan: Burmese OM/YL tlk, 1215\* w/ national anthem (pr-fr, 5/28)

## SWEDEN

15190 \*1330 R. Sweden International: IS, multi-lingual ID, RR YL s/on (poor, 5/22) also noted in EE at 1248 a few nights later w/natl. nx & sports

## TANZANIA

5050 1935 R. Tanzania: Swahili w/ AA-style mx, drums, 2000 TPs, "Dar Es Salaam" ID, nx (good, 6/11)

## UNITED ARAB EMIRATES

21605 1048 R. Dubai: EE w/ AA flute mx, tlk on Ramadan (poor, 6/11)





535 TO 1610 kHz

# MEDIUMwaveguide\*deadline: 12th

DAVID SHARP, 17602 MEADOWBRIDGE, LUTZ, FLORIDA 33549

- 530 KNIC-273 Near Rockville MD/1152/Traffic advisory radio while work on Route 270, 24 hrs a day. With loop can pretty much null Washington Airport TIS cochannel. (5-4 Holbrook) Good catch! ds.
- 540 CJSB Ottawa ON/0558/Music and ID as "540 CJSB." (222 5-27 M. Eramo)
- 570 CMEA Cuba/SS/0408/OM tx with time pips in bgknd (322 5-28 Leonard)
- 670 R. Rebelde Cuba/SS/0113/Latin mx, listener phone-ins (Blanchette-FL)
- 720 WGN Chicago/0738/ID & TC, "Cubs beat L.A. 3-2." (343 Blanchette-FL)
- 740 CEB Toronto ON/0506/Nx read by YL (323 5-27 Mark Eramo-MA)(Dampier)
- 750 HTA750 R. Sandino Nicaragua/SS/0346/OM w/mix of U.S. and Latin pops, ID's and oldies pgm "Por los caminos de ayer." (333 T. Hall-CA)
- 780 WBBM Chicago/0725/Ments of "newsradio," Tx abt donations for lcl library. (353 5-16 Marion Blanchette-FL) Txr for contributing! :/0549/Sports scores and ID (233 5-27 Mark Eramo-MA)
- 810 HJCY Bogota Colombia/SS/0518/OM nx, ID as "R. Sutatenza." (5-1 Ross)
- 828 3GI Sale Australia/1213/Operatic mx pgm, tx de OM, //to 837, 4920 . (222 6-6 Tim Hall-CA) Good show, OM! ds.
- 830 R. Belize/0302/OM nx, ID as "Nat'l svce of R. Belize." (333 Hall-CA) :/1142/OM tx and mx, ID as "R. Belize." (343 6-12 D. Sharp-FL)
- HCRH2 Guayaquil Ecuador/SS/0944/Pgm "El Campo Popular Ecuatoriano," invited listeners to come to studios. (333 6-6 Tim Hall-CA)
- 837 KIKI Honolulu/1149/"USA For Africa"promo (222 5-27 Tim Hall-CA)
- 4RU Rockhampton Australia/1247/"Porgy and Bess" mx, ABC TV promo, ID and nx in brief, /7828, 4920. (222 6-6 Hall-CA) Nice! ds.
- 840 WHAS Louisville/0511/OM with some mx, tx (233 5-27 Mark Eramo-MA) :/0700/OM tx, Bluegrass ads, lcl wx. (333 5-25 Marge Witte-CA)
- XEIO Mexico/SS/1124/Anthem, marimba mx, IDs, invited listeners to write in (344 5-27 Tim Hall-CA)
- CB84 R. Portales Chile/SS/OM w/health PSA, instrumental versions of U.S. movie mx, supermarket ad, nx at 1057 (233 6-5 Tim Hall-CA)
- 880 TGJ Guatemala/SS/1106/OM interview w/gov't official (333 Tim Hall-CA)
- 890 HCR56 Machala Ecuador/SS/1047/Lots of IDs, slogan "La Radio Moderna del Ecuador, lcl ad, nx from Quito, TCs (333 5-27 Tim Hall-CA)
- HRGY Honduras/SS/0259/Futbol, USA vs Costa Rica, IDs, patriotic slogans similar to Radio Havana (322 6-1 Hall-CA)
- WLS Chicago/0512/OM with phone-in program (333 5-27 Mark Eramo-MA)
- 920 R. Reloj Cuba/SS/0528/OM w/nx, time pips & ID on minute (5-1 Ross-OM)
- 940 CBM Montreal PQ/0515/YL w/ment of FM freqs & sign off (333 Eramo-MA)
- 1020 KDKA Pittsburgh/0128/Braves vs Pirates "Let's Go Bucs!" ( Bishop-NY)
- 1030 WGFC Floyd VA/1048/Blue Grass mx, no sign of WBZ. (fr 5-26 Holbrook)
- 1100 WWE Cleveland/0604/ID, then into mx selections (233 5-27 Eramo-MA)
- 1130 KWKH Shreveport LA/0945/Trucking ad, sports roundup (333 5-27 Hall)
- 1170 WVA Wheeling WV/0536/Assorted mx titles (333 Eramo) ID, OM? ds.
- 1180 Radio Marti Marathon FL/SS/0930/Sign-on w/frequent ID's; ID has OM rapidly firing off words in a machine gun fashion, bgknd music very lively. Nx de OM (5-20 Demmitt) Congrats on QSL, OM! :/SS/0930/OM ID & nx to 0945 de OM (333 5-20 Ron Trotto-FL)
- CMOD Cuba/SS/0358/OM tx, time pips hrd in bgknd. (312 M. Leonard-FL) (OM, could have this been Marti? Stay on it!)
- 1190 WONO Ft. Wayne/0546/Ad for True Value Hardware (233 5-27 Mark Eramo)
- 1210 WCAU Philadelphia/0535/YL w/nx, wx, sx (323 5-27 Mark Eramo-MA)
- 1540 ZNS-I Nassau Bahamas/0210/Laid-back OM tx, with list of church events for the Nassau area, ID as "Radio Bahamas." (6-10 D. Sharp)
- 1555 R. Cayman/0221/Tx de YL, light instrumentals (333 6-10 D. Sharp-FL)
- 1610 Carib. Beacon Anguilla/0112/Relg sermon de OM (243 6-10 D. Sharp-FL)

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 Another good selection of logs this month. This time around, I had a little extra room, so was able to include more details with the logs. Hope you enjoyed them, and as always, a BIG thanks to those who contributed. During the coming month, I'd like all of you to attempt and log stations from Panama and the Canal Zone. If you manage to log either country, I'll want to spotlight those in August. Until then, 73s de *David Sharp*

# QSL REPORT

**EDITOR:**

Leon Kanopka  
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ANNEE MONDIALE DES  
COMMUNICATIONS  
WORLD COMMUNICATIONS  
YEAR  
AÑO MUNDIAL DE LAS  
COMUNICACIONES



VIA AEREA

ANGOLA-R. Nac de Angola-11955, f/d white logo card in 18 mos for \$1 and a PP rpt. (McLain-CA).

CHAD-Rdiff Nat Tchadienne-4905, f/d b/w card and stamps in 123d for 2 ircs and a FF rpt (De Cassan-AUSTRIA).

GABON-RTVG-4777, date only folder in 59d for a FF rpt and ms (Dillon-MD). Same in 103d for a FF rpt and ms (Forsgren-WI). Africa No. One-4810, freq only card in 92d for an irc (Thompson-NM).

GHANA-GBC-4915, f/d logo card in 132d for 2 ircs (Friberg-NH).

LESOTHO-Lesotho Nat Bcstng Sce-4800, f/d blue/green/whit flag card in 43d for 2 ircs (Soomre-MA). Same in 45d for an irc which was returned (Huffaker-MX).

LIBERIA-VOA-11760, f/d church card in 34d with a sticker (Friberg-NH).

MADAGASCAR-RN-21480, f/d Flevo card in 97d (Friberg-NH).

NIGERIA-Cross River Radio-6145, freq only letter in 37d for ms. V/S-B.E. Bisong, Chief Technical Officer. (Quaglieri-NY). Rima Radio -6195, n/d letter in 75d for \$1.00 V/S-H.Y. Umaru (Forsgren-WI).  
VON-7255, f/d card in 29d for 2 ircs that were returned (Stratmann-MO).  
2nd Airport card in 1yrs for 2 ircs (Van Horn-FL). Form letter saying that no QSL cards are presently available, and a sched in 152d after a f/up for ms (Friberg-NH).

SOUTH AFRICA-Capital Radio-3930, date/freq form letter in 30d for an irc (Huffaker-MX). Same in 25d (Welch-MA). R. RSA-3230, f/d card in 21d (Downing-CO). Card, book and a Magazine in 87d (Gerstner-NY).

SUDAN-R. Omdurman, 5039, p/d handwritten letter and a sched in 106d for \$1. V/S-John Brown Deng. (Forsgren-WI). Form letter in 97d for 2 ircs with a personal letter (Streeter-NY).

SYRIA-R. Damascus-11685, f/d logo card in 90d for an irc. Also received a pennant, sked and a postcard (Soomre-MA). Same with a pin via registered mail in 81d (Streeter-NY). This was for 2 ircs.

TOGO-RT-5047, f/d map and globe card in 50d for a FF rpt and ms (Dillon-MD).

### USSR

R. Vilnius-4685, f/d QSL folder card in 56d (Marengo??).

R. Moscow-7337, f/d card in 44d (JPC-NJ).

R. Moscow-7290-Krasnoyarsk??, 9490-Kiev, 7150-Lvov, 7390-Moscow, 7180-Novosibirsk, 12050-Khabarovsk (Dampier-NY). Also 15470, 15450-Simferopol.

### PACIFIC

AUSTRALIA-VLW9-9610-f/d card in 54d for an irc (Marengo??). R. Australia-5995, f/d Wattle flowers card in 23d for an irc (Thompson-NM). Same in 26d for rpt on 9770 khz (Same rptr). Also on 6060 Khz.

COOK ISLANDS-RCI-11760, f/d conch blower card in 38d for 3ircs (Jordan-NC) Same in 27d (Miyachi-JPN).

INDONESIA-VoI-9680, date/freq Initiation card in 37d fir a II rpt and MS (Dillon-MD). RRI Surabaya-3975, f/d letter in 25d after 3rd f/up for 1981 reception. II rpt and ms were sent (Wilkins-CO).

MARIANA ISLANDS-GUAM-KTWR-9820, f/d Plumeria Flower card in 39d (Shimada-JPN).  
SAIPAN-KYOI-9665, Super-Rock card in 70 days (Hardester-CA). 15190, same  
in 183d (Campbell-CT). Same in 30d for ms (Gerstner-NY).

PAPUA NEW GUINEA-NBC-4890, f/d map card in 1 month after f/up for \$1  
(Gayle Van Horn-FL). Same in 31d for ms (Dillon-MD). R. North Solomons-  
3325, f/d letter in ?? for 2 ircs (Thompson-NM).

SOLOMON IS-SIBC-9545, f/d card in 30d for 2 ircs (Wegner-TX).

#### ASIA

BURMA-BBS-4725, f/d logo card on 87d for 2 ircs (Thompson-NM).

People's Rep Of CHINA-R. Beijing-11860, f/d New China card in 20d with  
Mags and a pennant (Jordan-NC). Card in 15d (Gehring-TX).

INDIA-AIR-11620, f/d Monsoon clouds card in 47d (Friberg-NH). 9545, Lady  
with a mirror card in 32d for an irc (Downing-CO).

IRAQ-R. Baghdad-9610, date only folder card in 105d for an irc also recd  
a pennant (Gerstner-NY).

ISRAEL-9440, boys and girls waving flags card in 47d (Byron-PA).

JAPAN-R. Japan-11710, date/freq card in 22d (Bishop-NY). 17755, date/freq  
card in 15d (Gerstner-NY). Card in 14d (Hills-BC).

SOUTH KOREA-R. Korea-15575, f/d sports complex card in 38d (Bishop-NY).  
Pennant type letter in 42d (Miller-??). Sports card in 23d (Jordan-NC).  
Same in 25d (Holbrook-MD). Olympic mascot card in 35d for an irc (Thompson-  
NM). Pennant, sticker and card in 53d (Gerstner-NY).

KUWAIT-RK-11675, f/d folder card in 27d (Marengo-??).

MONGOLIA-RUB-12015, f/d card in 31d (Miyachi-JPN).

PHILIPPINES-RVA-9670, f/d card and pennant in 30d (Miller-??). VOA-Poro-  
9760, f/d Statue of Liberty card in 5 days (Dillon-MD).

SRI LANKA-DW-9645, f/d logo card in 24d (Soomre-MA).

TAIWAN-VOFC-15270, Year of the Ox card in 30d (Heinen-CO). f/d Year of the  
rat card in 35d (Hills-BC). V of Asia-5980, f/d Papercutting art card in  
173d after 2 f/ups. Also recd magazines and a pennant (Welch-MA).

TURKEY-9560, f/d Santa Claus card in 56d (Campbell-CT).

UNITED ARAB EMIRATES-17775, f/d map card in 24d with a pennant for  
3 ircs.

Rep. of YEMEN-R. San'a-form letter in 157d for a AA rpt and \$1.00 (Dillon-MD).

#### EUROPE

AUSTRIA-ORF-6000, f/d resort card in 62d with a Sticker (Heinen-CO).  
5945, f/d card in 44d (Bishop-NY). Card in 58d for 3 ircs (Cirone-NJ).  
Scenic lake in 61d (Welch-MA). Card and sticker in 60d (Hills-BC).

BELGIUM-BRT-21810, f/d painting card in 50d (Shreedhar-INDIA). 5895, f/d  
letter in ? d for 3 ircs (Cirone-NJ). 5910, painting card in 40d (Jordan-NC).  
Also recd a paper clip and 2 stickers.

BULGARIA-r. Sofia-9700, f/d scenic card in 68d (Marengo-??).

CZECHOSLOVAKIA-R. Prague-5930, f/d costumes card in 29d for 3ircs (Cirone-  
NJ).

DENMARK-R. Denmark 15165, f/d painting card in 33d (Dillon-MD).

ENGLAND-VOA-7170, f/d Statue of Liberty card in 42d (Hills-BC). 6160,  
f/d card in 43d (Dillon-MD).

FRANCE-RFI-15315, form letter in 38d with a sticker for 3 ircs (Cirone-NJ).  
WEST GERMANY-DW-6085, n/d card in 59d (No Name!). Bayerischer Rundfunk-6085, date/freq antenna card in 30d for 2ircs (Dampier-NY).  
EAST GERMANY-RBI-21540, f/d Leipzig card in 30d (Shreedhar-INDIA). Card, 9 stickers, pocket calendar, post card, report forms and a magazine in 48d (Hills-BC).  
HUNGARY-R. Budapest-6025, f/d card in 58d (Welch-MA). 9835, f/d logo card in 1½ mos (Jordan-NC).  
ITALY-RAI-11800, f/d Abstract painting card in 205d (Campbell-CT).  
LUXEMBOURG-RLux, 6090, antennas card in 6 mos for 2 ircs (Holbrook-MD). Same in 63d for 2 ircs (Friberg-??).  
MALTA-R. Med-6110, f/d map card in 6½mos for 4 ircs (Friberg-NH).  
NETHERLANDS-RN-6165, f/d card in 55d for 3 ircs (Cirone-NJ). 11740, f/d flevo site card in 46d (Gerstner-NY).  
NORWAY-RN-15305, date/freq costumes card in 36d (Gerstner-NY). 7210, f/d card in 60d with a sticker (Shreedhar-INDIA). 15305, card in 64d (Campbell-CT). 6015, date/freq card in 29d (Welch-MA).  
ROMANIA-R. Bucharest-5990, f/d card in 66d with a pennant (Welch-MA).  
SPAIN-REE-9630, f/d card in 45d (Bishop-NY).  
SWEDEN-15345, f/d acid rain card in 21d (Campbell-CT). Same in 21d (Jordan-NC).

NORTH AND CENTRAL AMERICA AND THE CARIBBEAN

ANTIGUA-BBC-11775, n/d card in 77d for an irc (Thompson-NM). 6175, n/d card in 30d (Gerstner-NM).  
CANADA-RCI-6140, n/d card in 22d (Cirone-NJ). 9755, f/d DIY card in 18d (Wilkins-CO). DIY card in 19d (McCants-AL). CKZN-6160-date/freq card in 30d for an irc (Huffaker-MX). CFRX-6070, Toronto waterfront card in 88d for an irc (Thompson-NM).  
COSTA RICA-TILX-R. Colombia-4850, f/d card in 30d for 2ircs (Stratmann-MO). R. Relej-4832, date only card in 22d for 2 ircs (Stratmann-MO). TIQ-R. Casino-5954, f/d card in 43d for ms. Also recd a pennant (Friberg-NH). TIFC-5055, time/freq green card in 22d for 2 ircs (Wilkins-CO).  
CUBA-R. Moscow-6115, f/d cadr in 52d (Welch-MA).  
EL SALVADOR-RES-9587, n/d SS letter in 42d for ms and a SS rpt (Quaglieri-NY). Same in 34d for 2ircs and a SS rpt (Wilkins-CO).  
GUATEMALA-R. Tezulutlan-4855, date/freq card in 42d for ms and a SS rpt (NM-Thompson). La Voz de Nahuuala-3360, time/freq card in 67d for 2 ircs and a SS letter (Downing-CO).  
HONDURAS-HRVC-4820, date only card and letter in 28d for 2 ircs (Stratmann-MO).  
MEXICO-XEWW-LVDL America Latina-6155, date/freq letter in 75d for \$1 Also recd a pennant (Welch-MA).  
NETHERLANDS ANTILLES-9535, f/d Bonaire's Underwater Beauty card in 28d for \$1 (Campbell-CT).  
UNITED STATES OF AMERICA-AFRTS-6030, n/d logo card in 85d (Soomre-MA). WRNO-9715, Dx club card in 25d with a sticker (Cirone-NJ). WMLK-15110, n/d letter in 19d for ms (Scheel-IA). R. Marti-VOA-9570, n/d letter saying QSL will be sent when they are ready (Welch-MA). This was in 10 days. VOA-5995, f/d liberty card in 6 days (McCants-). V of OAS-15160, f/d card and info packet in 9 days for ms (Wilkins-CO).

SOUTH AMERICA

BOLIVIA- 4965, date/freq paper QSL card in 31d for a SS rpt (Wilkins-CO). Station was R. Juan XXIII. V/S-Gunzalo Cespedes M.-Director.

BRAZIL-R. Alvorada de Parinting-4965, date only letter in 8 mos for ms and a PP rpt. V/S-Raimunda Ribeiro da Silva, Diretora-Gerente. (Streeter-NY). R. Poti-4965, n/d card in 75d for ms and PP rpt (Streeter-NY). V/S-Maria Luiza Marques da Luz. Same in 70d for same (Forsgren-WI). R. Bras-11745, f/d card in 35d (Gerstner-NY). R. Nac da Amazonia-form letter saying that they do not QSL for lack of time and personnel, and a request to write to the international service that will QSL (Holbrook-MD).

CHILE-R. Agricultura-9630, f/d form letter in ?? for a SS rpt. V/S-Carlos Toledo Verdugo, DX Editor. (Wilkins-CO). R. Nac-15140-f/d card via Don Moore, as was the first card for a SS rpt (Wilkins-CO). V/S-Fernando Cuevas M.

ECUADOR-R. Catholica Nacional-5055, n/d form letter in 37d for a SS rpt and ms (Friberg-NH). V/S-Diana Garcia A. (Sec. Gen.). R. Luz y Vida-4850, p/d letter via Don Moore. Also recd a pennant for a SS rpt (Wilkins-CO). LV Del Rio Tarqui-3285, f/d card via Don Moore for a SS rpt (Wilkins-CO). HCJB -many reports from the following rpters- Bishop-NY, Huffaker-MX, Thompson-MN, JPC-NY, Soomre-MA, Gerstner-??.

ARGENTINA-Missort-RAE-15345, f/d logo card in 60d (Bishop-NY).

FALKLAND ISLANDS-FIBS-3958, date/freq card in 168d for 2 ircs (Hills-BC). Logo card in 38d for 3 ircs (Soomre-MA). Card in 1 mos for 3 ircs (Holbrook-MD).

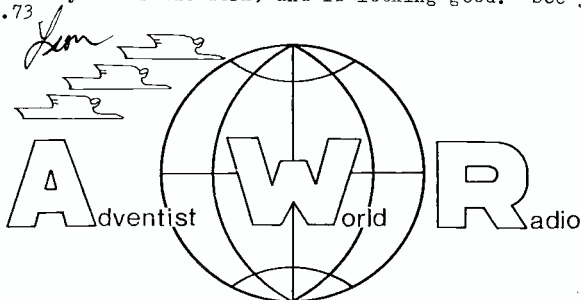
GUYANA-GBC-5950, f/d letter in 28d for ms (Quaglieri-NY).

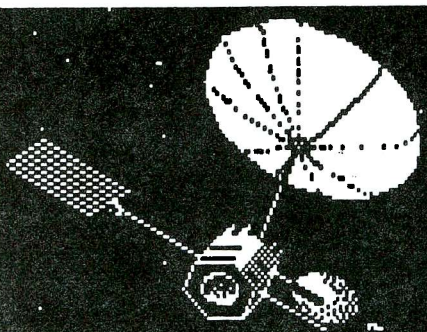
PARAGUAY-R. Nac-9735, freq only form letter in 46d for an irc (Gerstner-NY) Also recd stamps.

PERU-R. Oriente-6190, n/d letter via registered mail in 73d for ms and a SS rpt. Also recd large hand printed pennant. V/S-Prof. Ricardo Arevalo Flores, Administrador. (Streeter-NY). R. Atlantida-4790, n/d letter in 304d for a f/up of SS rpt and ms. V/S-Ivan Tenorio Matute (Forsgren-WI). R. San Juan de Chota-5274, f/d card via Don Moore for a SS rpt. V/S-Raul Rivera Burga, Prop. Gte. (Wilkins-CO).

VENEZUELA-R. Turismo-6180, date/freq card in 64d for 2 ircs (Welch-MA). Also recd a sticker. R. Rumbos-9660, f/d card in 67d for ms and a SS rpt (Friberg-NH). R. Rumbos-4970, f/d card in 5 1/2 mos for a SS rpt (Friberg-NH). R. Barquisimeto-4990, f/d studio card in 77d for a SS rpt and ms (Downing-CO).

Well, that raps up the QSL reports for this month. The contributions are off for the Summer. I hope everyone is enjoying the warm temperatures and the incredible station on the bands. Gives me a headache rather quickly, Hi. Well, I will fill the rest of the space with a picture. I hope everyone is going to contribute to the ANARC Liberty fund, for the Statue of Liberty restoration. She really needs the work, and is looking good. See you all next month....73





# UTILITY SCENE

AM · RTTY · SSB  
CW · FAX · A3H  
0-30 MHZ

**JEFF KNAPP**  
**1823 7TH AVENUE**  
**CHARLESTON WU 25312**

deadline: 12th

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AK	5696.0	U	0417	NDJ	KODIAK	USCG	WKG CAB 19	KFN-FL
BER	8449.0	C	2220	VRT	HAMILTON	MARCO	DE MARKER	AL -MA
BER	12709.2	C	1920	VRT	HAMILTON	MARCO	V MARKER	RMS-NY
CAN	3284.0	C	0750	CKN	VANCOUVER	CANMIL		WOD-PA
CAN	3486.0	U	0825	WFG	GANDER	AERO	WX	WRB-IN
CAN	6518.8	U	0119	VCS	HALIFAX	CCG	WKG VAR VESSELS	JFH-MA
CAN	6753.0	U	0520	VXA	EDMONTON	CANMIL	WEATHER	RWK-WA
CAN	8440.0	C	0016	VCS	HALIFAX	CCG	CG MARKER	LMM-CA
CAN	8891.0	U	2016		CHURCHILL	AERO	WKG JAPAN AIR 5	RMS-NY
CAN	17175.0	C	2145	VAI	VANCOUVER	CCG	CG MARKER	LMM-CA
ICE	13066.8	C	1359	TFA	REYKJAVIK	MARCO	CHIRPY CQ	AG -NY
MEX	4225.0	C	0721	XFM	MANZANILLO	MARCO		WOD-PA
USA	2182.0	U	0404	NMA	15 FT MYERS	USCG	WKG ANGELINA	JFH-MA
USA	2670.0	U	0532	NMW	ASTORIA	USCG	NTM	JFH-MA
USA	2670.0	U	0403	NMF	15 NEWBURYPORT	USCG	WKG USCGC CAPE HIGGON	JFH-MA
USA	2670.0	U	0425	NMB	SAVANNAH	USCG	NTM	KFN-FL
USA	2694.0	U	0540	NMF	40 ROCKLAND	USCG	TESTING NEW HF GEAR	JFH-MA
USA	3381.0	C	0530	WGY	908 DENVER	FEMA	5 SD GROUPS	JMN-CA
USA	4025.0	U	2206	AIF	ANDREWS	USAF	WKG HAM RADIO OPS	AL -MA
USA	4029.0	U	2051	WAR	WASHINGTON DC	ARMYHQ		AL -MA
USA	4125.0	U	0628	WBH	67 CHIGNIC	MARCO	WKG ALEUTIAN DRAGON	AL -MA
USA	4125.0	U	0640	WYF	7067	MARCO	WKG PENGUIN	RWK-WA
USA	4393.0	U	0253	WOM	PENNSUCO	MARCO	WKG GARORELLA. RCVD IN FL	ML -MN
USA	4393.0	U	0338	WOM	PENNSUCO	MARCO	WKG SUM VIKING	ML -MN
USA	4400.8	U	0213	NMA	MIAMI	USCG	TFC	JFH-MA
USA	4407.0	U	0424	WOM	PENNSUCO	MARCO	WKG MARDI GRAS	DE -GA
USA	4428.7	U	0526	NMN	PORTSMOUTH	USCG	WKG USCGC POINT HURON	JFH-MA
USA	4428.7	U	0032	NMC	SAN FRANCISCO	USCG	WX	HGG-HI
USA	4780.0	C	0924	WBY	912 MT WEATHER	FEMA	5D GROUPS, DISTORTED	AG -NY
USA	4781.0	C	0400	WBY	912 MT WEATHER	FEMA	CODED GROUPS	JMN-CA
USA	5598.0	U	0114	NWA	3 SAN JUAN	AERO	TFC	AL -MA
USA	5696.0	U	2329	NMF	BOSTON	USCG	WKG NMN	JB -NY
USA	5696.0	U	1724	NMA	MIAMI	USCG	WKG REDLINE 613	KFN-FL
USA	5696.0	U	0425	NMA	MIAMI	USCG	WKG CG 1477	KFN-FL
USA	5696.0	U	1914	NOT	TRAVERSE CITY	USCG	WKG CG 2132	JCH-MD
USA	5696.0	U	1931	NMD	47 BUFFALO	USCG	WKG CG 2132	JCH-MD
USA	5696.0	U	2335	NMB	9 SAVANNAH	USCG	WKG CG 1704	JCH-MD
USA	5696.0	C	0228	NOR	SAN DIEGO	USCG	WKG CG 1467	AL -MA
USA	5746.0	L	0305	VDA	GREENVILLE	FEEDER	PGM FEEDER	ML -MA
USA	5870.0	C	0047	NMN	PORTSMOUTH	USCG	V MARKER	RSR-ON
USA	6506.4	U	0400	NMN	PORTSMOUTH	USCG	WX	DE -GA
USA	6506.4	U	0330	NMC	SAN FRANCISCO	USCG	WKG USCGC FIREBUSH	JCH-MD
USA	6509.5	U	1516	KVK	MIAMI	NDA4	TFC	AL -MA
USA	6509.5	U	1504	KVH	PORTSMOUTH	NDA4	TFC	AL -MA
USA	6604.0	U	0114	WSY	NEW YORK	AERO	AVIATION WEATHER	DE -GA
USA	6715.0	U	1300	ANDREWS	ANDREWS	USAF	WKG AIR FORCE 1	KFN-FL
USA	7185.0	U	VAR	WASNAN	GREENBELT	ARG	SPACE SHUTTLE COMMS	AL -MA
USA	7393.0	U	2142	NMN	PORTSMOUTH	USCG	TFC TO HAM OPS	AL -MA
USA	8535.0	C	2258	WKM	NEW HAVEN	MARCO	CG MARKER	AL -MA
USA	8722.0	U	0312	WOM	PENNSUCO	MARCO	WKG SOUTHERN STAR	JCH-MD
USA	8759.2	U	0337	WOM	PENNSUCO	MARCO	WKG P/P FOR M/V ROTTERDAM	JFH-MA
USA	8767.0	U	1006	NMN	PORTSMOUTH	USCG	OFFSHORE MARINE FORECAST	WRB-IN
USA	8811.9	U	0335	WDM	PENNSUCO	MARCO	WKG GULF FLEET 51	JCH-MD
USA	11180.0	L	1653	AF4	3 ANDREWS	USAF	WKG SAM 31681	JCH-MD
USA	12135.0	C	2150	NMN	PORTSMOUTH	USCG	CG MARKER	LMM-CA
USA	12870.0	C	0016	WKM	TUCKERTON	MARCO	CG MARKER	PAT-CA
USA	12948.0	C	2109	WSC	NEW HAVEN	MARCO	ANYONE HAVE QSL INFO?	PAC-UK
USA	13024.9	C	1356	WLD	MOBILE	MARCO	DE MARKER	AG -NY
USA	13204.0	L	1940	AF4	3 ANDREWS	USAF	WKG SAM 01	JCH-MD



USA	14295.0	U	1713	WAZNAN	GREENBELT	ARO	SHUTTLE COMMS	MNS-IA
USA	15652.5	U	1926	VOA	GREENVILLE	FEEDER	PGM FEEDER	IK -UK
USA	16363.0	C	1534	KKN 50	WASHINGTON	DOS	CLG KWR 92	IK -UK
USA	16587.1	U	1448	KXC 713	WOODS HOLE	NDAA	WKG R/V ATLANTIS II	JFH-MA
USA	17007.0	C	2140	KLB	SEATTLE	MARCO	CQ MARKER	LMM-CA
USA	17320.0	U	0001	WDD	OCEAN GATE	FEEDER	ANCD AS AT&T STATION	PAT-CA
USA	19480.0	I	2200	VOA	DIXON	FEEDER	LSB-THAI, USB=MUSIC	HBB-MA

\*\*\* CENTRAL AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COST	4289.9	C	0550	TIM	LI MON	MARCO	CQ MARKER	MH -CA
PANA	11176.0	U	1805	AFH 3	ALBROOK	USAF	P/P MAC 40612	RMS-NY
PANA	12874.5	C	0200	HPN 60	CANAL ZONE	MARCO	CQ MARKER	RMA-IA

\*\*\* CARIBBEAN \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CUBA	16961.0	C	2018	CLA 40	HAVANA	MARCO	CQ MARKER	JEB-CA
JAM	13065.0	C	1853	6YI	KINGSTON	MARCO	CQ MARKER	SHP-LA
MART	9265.0	C	2237	FUF	FT DE FRANCE	NAVRAD	V MARKER	AQ -NY
MART	13031.2	C	0151	FUF	FT DE FRANCE	NAVRAD	V MARKER	RMA-IA
MART	16961.0	C	2041	FUF	FT DE FRANCE	NAVRAD	TFC	AQ -NY
PR	2670.0	U	0326	NMR	SAN JUAN	USCG	R/C SAINT PETE FLA	JFH-MA
PR	5692.0	U	0020	NMR 26	BORINGUEN	USCG	TFC	AL -MA

\*\*\* SOUTH AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	8646.0	C	0332	LPD 86	GEN. PACHECO	MARCO	V MARKER	SHP-LA
ARGN	22419.0	C	1655	LPD 91	GEN. PACHECO	MARCO	V MARKER	RMS-NY
BRZL	12958.5	C	1855	PPD	OLINDA	MARCO	V MARKER	RMS-NY
CHIL	2717.0	C	0738	CCS	SANTIAGO	NAVRAD	V MARKER	AQ -NY
CHIL	6419.0	C	0340	CCS	SANTIAGO	NAVRAD	V MARKER	RMS-NY
CHIL	8682.5	C	1215	CCS	SANTIAGO	NAVRAD	V MARKER	GLT-NM
CHIL	12661.7	C	0055	CCS	SANTIAGO	NAVRAD	V MARKER	GLT-NM
CHIL	12714.0	C	0056	CBV	VALPARAISO	MARCO		WDD-PA
CHIL	16956.0	C	1959	CBV	VALPARAISO	MARCO	CQ MARKER	SHP-LA
CHIL	20876.0	L	2016	XGBAFI	CERRO TOLOLO	OBSVTY	WKG KFK 92 KITT PEAK	MC -AZ
COLO	17003.8	C	2030	HKB	BARRANQUILLA	MARCO	CQ MARKER	RMS-NY
URBY	4346.0	C	0616	CWA	CERRITO	MARCO	BSX MARKER	MH -CA
URBY	12750.0	C	2306	CWA	CERRITO	MARCO	CQ MARKER	SHP-LA

\*\*\*EUROPE \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AZOR	5598.0	U	0114	CSY	SANTA MARIA	AERO	TFC	AL -MA
BELG	8652.0	C	0220	DST 42	OOSTENDE	MARCO	V MARKER	RMS-NY
BELG	8702.0	C	0110	OSN 48	OOSTENDE	NAVRAD	V MARKER	GLT-NM
BELG	13067.0	C	0708	DST 4	OOSTENDE	MARCO	V MARKER	DS -CA
CYPR	4730.0	L	0318	GFW	AKROTIRI	RAF	WKG FOXTROT 10 ROMEO	RMS-NY
CYPR	4910.0	C	0233	KWS 78	NICOSIA	EMBASY	QRA MARKER	RMS-NY
CYPR	8464.0	C	0057	SBA	NICOSIA	MARCO	CQ MARKER	AL -NY
DEN	12329.0	C	0155	DVG 12	FREDERIKSHAVN	NAVRAD	V MARKER	AL -MA
DEN	12753.0	C	1820	OYI 62	LYNGBY	MARCO	CQ MARKER	SHP-LA
EIRE	8957.0	U	0031	EIP	SHANNON	AERO	AERO WX	AL -MA
ENG	2182.0	S	2033	GIL	ILFRACOMBE	MARCO	ALL SHIPS CALL	PAC-UK
ENG	5000.0	C	0249	MSF	LONDON	SFTS	TIME SIGNALS	RMS-NY
ENG	8560.0	C	0348	BKB 3	PORTISHEAD	MARCO	DE MARKER	SHP-LA
ENG	11142.0	C	1836	KRH 50	LONDON	EMBASY	QRA MARKER	RMS-NY
ENG	11176.0	U	2243	AJE	CROUGHTON	USAF	WKG MAC 10722	JCH-MD
ENG	12808.0	C	1830	GVC 5	LONDON	NAVRAD	V MARKER	SHP-LA
ENG	13072.0	C	2010	BKE 5	PORTISHEAD	MARCO	DE MARKER	JEB-CA
FIN	8457.0	C	2234	OFJ	HELSINKI	MARCO	DE MARKER	AL -MA
FIN	12687.0	C	1950	OFJ	HELSINKI	MARCO	DE MARKER	WDD-PA
FRAN	6768.0	C	1217	FDY	ORLEANS	RAF	V MARKER	IK -UK
FRAN	8523.0	C	0355	FFL 4	ST. LYS	MARCO	BSX MARKER	SHP-LA
FRAN	8808.8	U	0490	FFL 41	ST. LYS	MARCO	LIVE/TAPED MARKER, P/P	PMD-NY
FRG	6970.0	I	2011	RFE	HOLZKIRCHEN	FEEDER	PGM FEEDER	IK -UK
FRG	6995.0	I	1902	RFE	HOLZKIRCHEN	FEEDER	PGM FEEDER	IK -UK
FRG	11039.0	C	2201	DDH 47	PINNEBERG	MARCO	GG METEO	AQ -NY
FRG	11039.0	C	1830	DDH 9	HAMBURG	MARCO	CQ MARKER	RMS-NY
FRG	12900.0	C	0726	DAN	NORDDEICH	MARCO	CQ MARKER	DS -CA
FRG	17048.5	C	1615	DAF	NORDDEICH	MARCO	V MARKER	RJC-MA
FRG	17082.0	C	1620	DFR 28	HAMBURG	HAB	NEWS FROM DUETSCHTE WELLE	RJC-MA
GIBR	8625.3	C	0252	GYU	GIBRALTAR	NAVRAD	DE MARKER	RR -MS
GREE	8442.0	C	0243	SXA	PIRAEUS	NAVRAD	DE MARKER	AL -MA
GREE	8454.5	C	0130	SXA	ATHENS	MARCO	DE MARKER	GLT-NM
GREE	8687.0	C	0247	SVB	ATHENS	MARCO	DE MARKER	RR -MS
GREE	8704.5	C	0055	SVB	ATHENS	MARCO	DE MARKER	GLT-NM
GREE	8707.0	C	0105	SVB	ATHENS	MARCO	DE MARKER	GLT-NM
GREE	8710.2	C	0244	SVS	ATHENS	MARCO	DE MARKER	RR -MS
GREE	12859.0	C	1956	SVI 5	ATHENS	MARCO	DE MARKER	JEB-CA
GREE	14563.0	U	1400	SVA	ATHENS	MARCO	GREEK/EE YL VOICE MARKER	PMD-NY
HOLL	8654.0	C	0325	PCH 42	SCHEVINGEN	MARCO	CQ MARKER	SHP-LA
HOLL	12768.0	C	1826	PCH 50	SCHEVINGEN	MARCO	DE MARKER	SHP-LA

ITLV	4615.3	C	0325	I DR 2	ROME	NAVRA D	V MARKER	RMS-NY
ITLV	8656.0	C	0238	I AR	ROME	MARCO	DE MARKER	AL -MA
ITLV	8679.0	C	0120	I OX	TRIESTE	MARCO	V MARKER	GLT-NM
ITLV	13016.0	C	0714	I AR	ROME	MARCO	V MARKER	DS -CA
ITLV	17160.8	C	2354	I AR	ROME	MARCO	CG MARKER	RR -MS
ITLV	17182.0	C	1954	I CB	GENOVA	MARCO	V MARKER	RMA-IA
POL	8557.0	C	0400	S PE	SICZECIN	MARCO	DE MARKER	AL -MA
POL	10349.0	C	2216	S PH	GDYNIA	MARCO	MSGS	AQ -NY
PORT	8551.6	C	0252	C TP	OELRAS	NATO	DE MARKER	AL -MA
SCOT	8988.0	C	2000	M KL	EDINBURGH	RAF	V MARKER	RMS-NY
SPAN	4349.0	C	0307	E AD	ARANJUEZ	MARCO	CG MARKER	SHP-LA
SPAN	8620.0	C	0648	E DZ 4	ARANJUEZ	MARCO	CG MARKER	DS -CA
SWIS	13205.0	U	1920		BERNE	AERO	WKG LIMA GULF 182	JCH-UD
USSR	3940.0	U	1630		KISHINEV	AERO	WX	IK -MK
USSR	8600.0	C	1808	URD	LENINGRAD	MARCO		WOD-PA
USSR	12911.0	C	0721	U AT	MOSCOW	MARCO	QSX MARKER	DS -CA
USSR	12960.0	C	1930	U JY	KALININGRAD	MARCO	CG MARKER	RMS-NY
USSR	13009.9	C	1620	U BA 4	KIEV	MARCO	CLG VQS	GLT-NM
USSR	13040.0	C	0045	U FN	NOVORISSYSK	MARCO	CG MARKER	GLT-NM
USSR	13078.5	C		U BN	ZDANOV	MARCO	DE MARKER	AQ -NY
USSR	15004.0	C	0149	R ID	IRKUTSK	SFTS	TIME SIGNALS	RR -MS
YUGO	8700.0	C	0115	Y UR	RIJEKA	MARCO	V MARKER	GLT-NM

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ANGO	8694.0	U	0134	D3E 52	LUANDA	MARCO	CG MARKER	SHP-LA
ANGO	17189.6	C	1820	D3E 71	LUANDA	MARCO	CG MARKER	RMS-NY
BRAN	8716.0	C	0215	A9M	MANAMA	MARCO	DE MARKER	AL -MA
CAPE	8467.4	C	0401	D4A	SAO VICENTE	MARCO		WOD-PA
IRAQ	8845.0	U	1532		BAGHDAD	VOLMET	PROBABLY METEO	HBB-WA
ISRL	8518.0	C	0125	4XZ	HAIFA	NAVRA D	V MARKER	GLT-NM
ISRL	17060.0	C		4XO	HAIFA	MARCO	CG MARKER	GLT-NM
ISRL	17146.4	C	1630	4XO	HAIFA	MARCO	CG MARKER	GLT-NM
LYBA	8746.0	C	0757	5AB	BENGHAZI	MARCO	CG MARKER	PAC-UK
MADE	8461.0	C	0128	CUB	FUNCHAL	MARCO	CG MARKER	AL -MA
REUN	8475.5	C	1130	FUX	SAINT DENIS	NAVRA D	V MARKER	GLT-NM
REUN	8550.4	C	1430	FUX	SAINT DENIS	NAVRA D	V MARKER	GLT-NM
SENE	16951.5	C	0015	6WW	DAKAR	NAVRA D	V MARKER	GLT-NM
SOAF	4223.8	C	0447	ZRQ 2	CAPETOWN	NAVRA D		WOD-PA
SOAF	4317.0	C	0301	ZSC 33	CAPETOWN	MARCO	CG MARKER	SHP-LA
SOAF	4317.0	C	0558	ZSC 33	CAPETOWN	MARCO	CG MARKER	MH -CA
SOAF	17075.0	C	0655	ZSD 47	DURBAN	MARCO	MANUAL CG MARKER	PAC-UK
TURK	6968.5	C	1913		SAMSUN (?)	AERO	EE WX	IK -UK
TURK	8583.0	C	0105	TBA 6	ANKARA	NAVRA D	V MARKER	GLT-NM
TURK	17008.7	C	1800	TAH	ISTANBUL	MARCO	CG MARKER	RMS-NY

\*\*\* ASIA/FAR EAST \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COCO	10066.0	U	1019		COCOS	AERO	RELAYING SPEEDBIRD COMM	HGG-HI
HONG	13031.0	C	0630	VRN 60	VICTORIA ISLE	MARCO	DE MARKER	JEB-CA
INDI	10066.0	U	1027	AWC	CALCUTTA	AERO	AIRCRAFT ROUTING TFC	HGG-HI
JPAN	8903.0	U	1430		TOKYO	AERO	WKG MWI	HBB-WA
JPAN	13008.0	C	1350	JOR	NAGASAKI	MARCO	CG MARKER	AQ -NY
JPAN	13054.0	C	1131	JDC	CHOSI	MARCO	CG MARKER	AL -MA
PHIL	8545.0	C	1145	DZF	BACODR	MARCO	CG MARKER	GLT-NM
PHIL	8584.1	C	1150	DZE	MANDALUYONG	MARCO	CG MARKER	GLT-NM
PHIL	8588.0	C	1205	DZB	LAS PINAS	MARCO	CG MARKER	GLT-NM
PHIL	8604.4	C	1435	DZJ	BULACAN	MARCO	CG MARKER	GLT-NM
PRC	8484.0	C	1135	XSG	SHANGHAI	MARCO	CG MARKER	GLT-NM
PRC	8513.4	C	1420	XSQ 4	GUANGZHOU	MARCO	CG MARKER	GLT-NM
PRC	15000.0	C	0259	BPM	XI 'AN	SFTS	TIME SIGNALS UNDER WWVH	RR -MS
ROK	12712.0	C	1933	HLW 3	SEOUL	MARCO	CG MARKER	PAC-UK
SING	8476.1	C	1220	9VB 56	SINGAPORE	MARCO	CG MARKER	GLT-NM
THAI	8686.0	C	1115	HSA 2	BANGKOK	MARCO	CG MARKER	GLT-NM
TIWN	8445.0	C	1210	XSX	KEELUNG	MARCO	CG MARKER	GLT-NM
TIWN	8582.0	C	1200	XSW	KAOSHUNG	MARCO	CG MARKER	GLT-NM

\*\*\* PACIFIC \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	6428.5	C	0700	VHP 3	CANBERRA	MARCO	CG MARKER	JEB-CA
AUST	8521.0	C	1425	VIS 26	SYDNEY	MARCO	V MARKER	GLT-NM
AUST	12000.0	U	0200	VNG	LYNDHURST	SFTS	TIME SIGNALS	MWS-IA
AUST	17200.0	C	0615	VIP 35	PERTH	MARCO	CG MARKER	JEB-CA
FFPO	8625.1	C	1210	FUM	PAPEETE	NAVRA D	V MARKER	GLT-NM
FFPO	12664.5	C	0050	FUM	PAPEETE	NAVRA D	V MARKER	GLT-NM
FFPO	15076.2	C	0306	FUM	PAPEETE	NAVRA D	V MARKER	RR -MS
FFPO	17380.0	C	0030	FUM	PAPEETE	NAVRA D	V MARKER	GLT-NM
GUAM	12743.0	C	1515	NRV	APRA HARBOUR	USCG	CG MARKER	GLT-NM
HI	6679.0	U	0907	KUA	HONOLULU	AERO	VOLMET WX	WRB-IN
HI	8765.4	U	1145	NMD	HONOLULU	USCG	WEATHER	ES -HA
HI	8765.4	U	1145	NMD	HONOLULU	USCG	WX	BCW-VA
HI	8928.0	U	0700	KVM 70	HONOLULU	METEO	VOLMET WX	AQ -NY
HI	13282.0	U	1905	KVM 70	HONOLULU	VOLMET	AERO WX	BCW-VA
HI	15000.0	A	0259	WWVH	KAUAI	SFTS	TIME SIGNALS	DE -GA
NCAL	8992.6	C	0214	FUJ	NOUHEA	NAVRA D	V MARKER	RR -MS

NCAL 17655.0 C 2350 FUJ NOUMEA NAVRAD V MARKER RR -MS  
 NZEL 16874.5 C 2000 ZLO 6 WAIOURU RNZN DE MARKER RMS-NY

\*\*\* RTTY \*\*\*

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
3030.0	2038	50-425	DHJ 51	GRENDEL	METEO	FRG	CQ MARKER	PAC-UK
3999.0	1848	50-425	HZJ	JEDDAH	AERO	SAUD	DE MARKER	PAC-UK
4481.5	1250	50-425R	BJZ 25	HANGZHOU	METEO	PRC	METEO	JEB-CA
4867.8	1310	75-850N	KRH 51	LONDON	EMBASY	ENG		IK -UK
5740.0	1245	50-950N	RKR 78	IRKUTSK	METEO	USSR	METEO	JEB-CA
5747.8	1230	ARQ	HBD 64	BELGRADE	EMBASY	YUGO	SWIS EMB. 5L TO BERNE	AM -UK
6917.8	0830	50-R	4NK 24	RIJEKA	PTT	YUGO		RMA-FR
6960.0	1742	50-500R	LZN 3	SOFIA	PTT	BUL	SKED, PASS TO LNA 4	IK -UK
7721.0	1250	50-1200M	KPD	VIENTIANNE	VNA	LAOS	NEWS	JEB-CA
8352.0	0245	50-850R	ZRH	CAPETOWN	NAVRAD	SOAF	RY5 & FOXES	JEB-CA
8711.0	0340	ARQ	KPH	SAN FRANCISCO	MARCO	USA	WKG TEQUILA SUNSHINE	JCH-MD
8712.2	1315	ARQ	DCN	NORDDEICH	MARCO	FRG	WKG M/V PETRA	RMA-FR
9047.5	1800		Y2J	BERLIN	DP	GDR	QRA	RMA-FR
9091.0	1943	50-425	EEQ	MADRID	POLICE	SPAN		PAC-UK
9113.8	1750	50-425N	HGG 31	BUDAPEST	MTI	HUNG	NEWS IN EE	IK -UK
9184.0	2107	50-425	TLO	BANGUI	ASECNA	CAF		PAC-UK
9198.0	2310	ARQ		CIUDAD BOLIV	QDISM	VENE	MSG5 TO CAICARA	AM -UK
9226.0	0050	50-425N	TJK	DOULA	ASECNA	CAME	RY5	JEB-CA
9330.0	2027		NMN	PORTSMOUTH	USCG	USA	WKG USCAG EAGLE	ES -MA
9349.0	0350	50-425R	GIC 29B	LONDON	AF	ENG	QRA MARKER	RMA-IA
9942.0	2320	SON	VNJ	CASEY	ANARE	ANTA	RY5	AM -UK
10100.0	2200	SON	UGE 2	BELLINGHOUSE	SAAM	ANTA	APT PREDICTS	AM -UK
10465.0	2250	75R	VMA	MELBOURNE	ARMY	AUST	FOXES	AM -UK
10575.0	2145	75-R	MRX	BUTTERWORTH	AFB	MLAY	FOXES	RMA-FR
10649.0	0425	50-425R	GIC 30B	LONDON	AP	ENG	SPORTS NEWS	RMA-IA
12078.0	1600	75-N	SNN 229	WARSAW	MFA	POL	RY5	RMA-FR
12174.3	1626	50-425	ETD 3	ADDIS ABABA	AERO	ETHO	DE MARKER	PAC-UK
12204.0	1553	75N	RBFWYS	DECIMOMANNU	RAF	ITLY	MSG5 TO LAARBRUCH	AM -UK
12322.5	1935	75-425R	SKM	BOGOTA	NAVRAD	COLO	RY5 TO HDN	JEB-CA
12658.3	0734	50-425	HZG	DAMMAN	MARCO	SAUD	DE MARKER	PAC-UK
13072.0	2225	ARQ	GKE 5	PORTSHEAD	MARCO	ENG	WKG CITY OF LIVERPOOL	JCH-MD
13079.2	1410	ARQ	OST	OOSTENDE	MARCO	BELG	OST MAILBOX AT YOUR SV	RMA-FR
13082.5	1310	FEC	SVR	RHODES	MARCO	GREE	END LIST	JCH-MD
13093.5	2210	ARQ	DXZ	LYNGBY	MARCO	ENG	WKG OULA LEDA MAERSK	RMA-FR
13332.0	1540	SON	7RA	ALBERS	MOI	ALGE	MSG5 WILAYA LAHQURT	AM -UK
13338.0	1425	SON	HSF 212	NEW DELHI	EMBASY	INDI	THAI EMB. MSG5 TO BONN	AM -UK
13566.0	2256	50-425R	MKD	AKROTIRI	RAF	CYPR	FOXES	RMA-IA
13581.2	0720	ARQ	HBD 20	BERNE	MFA	SWIS	GERMAN PRESS REVIEW	AM -UK
13752.0	1710	50-N	HZJ	JEDDAH	AERO	SAUD	RY5	RMA-FR
13783.5	2012	50R		NOUAKCHOTT	EMBASY	MURI	SPAN EMB. 5L TO MADRID	AM -UK
14372.0	1435	50-425	HZJ	JEDDAH	AERO	SAUD	DE MARKER	PAC-UK
14584.0	2043	50-425	FDY	ORLEANS	FAF	FRAN	DE MARKER	PAC-UK
14639.8	0947	SON		VIENTIANNE	KPL	LAOS	EE NEWS	AM -UK
14722.0	0016	50-750R	TNL 77	BRAZZAVILLE	AERO	CONG	METEO	JEB-CA
14817.6	2250	ARQ	AYA 48	BUENOS AIRES	INTRPL	ARG	MSG5 TO COPENHAGEN	AM -UK
14893.0	1933	75	WBR 70	MIAMI	METEO	USA	METEO	PAC-UK
15709.0	1055	50-425	9HY 15	CYCLOPS	FEDER	MALT	QRA, 'GOOD MORNING'	PAC-UK
15729.3	0700	ARQ	PCW 24	BAGHDAD	EMBASY	IRAQ	HOLL EMB. TO THE HAGUE	AM -UK
16212.3	2058	50	WFD 76	NEW YORK	ITT	USA	MSG5 TO HAVANA	PAC-UK
17217.5	1935	ARQ	PCH 65	SECHVINGEN	MARCO	HOLL	WKG PROJECT EUROPA	JCH-MD
17397.0	0825	50-425	HMY 47	PYONGYANG	PTT	NOKO	QRA MARKER	PAC-UK
17441.0	0812	50-425	ASE 5	KARACHI	PTT	PAKI	TFC TO RANGON	PAC-UK
18042.0	0704	75N		LUSAKA	EMBASY	ZAMB	YUGO EMB. TO BELGRADE	AM -UK
18247.0	0815	50-N	Y3I 3	BERLIN	DP	GDR	RY5	PAC-UK
18993.0	1900	ARQ	SOT 299B	WARSAW	PAP	POL	TEST	AM -UK
20471.0	1840	75-850R	CXR	MONTEVIDEO	NAVRAD	URY	RY5	RMA-IA

\*\*\* SHIPS \*\*\*

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2670.0	U	0504	NRDE	USCGC CAPE HIGGON	WKG NNGR	JFH-MA
2670.0	U	0644	NRZJ	USCGC COWSLIP	WKG NMN 80	JFH-MA
2699.0	U	0612	NODN	USCBC IRIS	WKG NOW	JFH-MA
3387.0	U	0225		USCBC CHASE	WKG PORTSMOUTH	ES -MA
4081.6	U	0410	NNGR	USCGC TAMAROA	WKG NMF	JFH-MA
4090.9	U	0051	LITA	M/V NORWAY	WKG WOM	JFH-MA
4094.0	U	0056	HODE	M/V OCEANIC	WKG WOO	JFH-MA
4097.1	U	0209	GBFT	M/V SUN PRINCESS	WKG WOM	JFH-MA
4109.5	U	1530		M/V ANNABELLE LISE	WKG KMI	HBB-WA
4109.5	U	0229	LCJK	M/V STARWARD	WKG WOO	JFH-MA
4109.5	U	0125	LCJJ	M/V STARWARD	WKG WOO	JFH-MA
4114.0	U	1333	LITA	M/V NORWAY	WKG WOM P/P	JL -MN
4131.2	U	0312	PJCH	M/V NIEUW AMSTERDAM	WKG WOM	JFH-MA
4134.0	U	0012	WTDO	NOAA OREGON II	WKG NMN	JFH-MA
4134.3	U	0201		USCGC EAGLE	WKG PORTSMOUTH	ES -MA
4134.3	U	0224		USCBC CHASE	WKG PORTSMOUTH	ES -MA
4134.3	U	0614	NMAG	USCBC HAMILTON	WKG NMN	JFH-MA
4194.0	C	2323	PPVX	N/M LLOYD BAHIA	WKG PPR	FWB-NJ
4195.0	C	0254	SYHZ	M/V ALKYONIA	WKG WNU	FWB-NJ
4198.0	C	0006	GBFX	ARCTIC LINK	WKG VCS	FWB-NJ
4211.5	C	2318	3ECH 2	GODD CHEMSTAR	WKG WCC	FWB-NJ
4213.0	C	0029	CZDW	BLUETHROAT	WKG CFF 2	FWB-NJ
4376.0	U	0336	NODI	USCBC BLACKHAW	WKG NMC	JFH-MA
4400.8	U	0129	NOTS	USCBC DAUNTESS	WKG NMA	JFH-MA

4425.6	U	0224	GBBM	M/V ISLAND PRINCESS	WKG WOM	JFH-MA
4425.6	U	0259	WZJ 3289	M/V HALLELUJAH	WKG WOM	JFH-MA
6200.0	U	0333	NODL	USCG FIREBUSH	WKG NMC	JFH-MA
6200.0	U	1239	NRCB	USCG EAGLE	WKG NMN	JFH-MA
6200.0	U	0502	NRKN	USCG BEAR	WKG NMG	JFH-MA
6200.0	U	1142	NRKN	USCG BEAR	WKG NMN	JFH-MA
6200.0	U	1220	NRUD	USCG POLAR SEA	WKG NMC	AL-MA
6200.0	U	1215	WDTF	NOAA TOWNSEND CROMWELL	WKG NMC	AL-MA
6200.0	U	1259	MMVF	NOAA ALBATROSS IV	WKG NMN	JFH-MA
6200.0	U	1237	WTEG	NOAA MT. MITCHELL	WKG NMA	AL-MA
6273.0	C	0044	3FBW 2	M/T SHOUN PHOENIX	WKG 6YI	FWB-NJ
6283.0	C	2342	SVBY	M/V DIMITRIS	WKG WCC	FWB-NJ
6305.0	C	2239	OXMA	M/V LOUIS MAERSK	WKG MMH	FWB-NJ
6307.0	C	0063	GVVB	ALVENUS	WKG GKB	FWB-NJ
6320.0	C	0329	SBEF	M/V MONLIGHT	WKG GKD	FWB-NJ
6506.4	U	1602	WTEJ	NOAA MCARTHUR	WKG SAN FRAN	HBB-WA
6879.0	C	0838	AORG		ID & K'S	MH-CA
7528.0	R	0154		USCG EAGLE	WKG PORTSMOUTH	ES-MA
8219.8	U	1415		M/V ZULU	CLG KMT	HBB-WA
8294.2	U	1650	KXKH	SEALAND DEVELOPER	WKG KSW	HBB-WA
8298.0	R	0255	ESHG	BMRT SELIGER	RYA	JEB-CA
8299.5	R	0230	UDMY	TR BALTIYSKIY BEREG	RYA	JEB-CA
8346.0	R	0127	HCRA	RIO AMAZONAS	TELEX TO WLO	JEB-CA
8348.0	R	0240	EWJR	TR YERNST TELMAN	RYA	JEB-CA
8356.0	R	0150	LDXP	RISANGER	WKG WLO	MC-AZ
8356.5	R	0227	ESWD	AMURSKIY ZALIV	GRAMS TO URL	RM -IL
8357.0	R	0220	UHUN	MA MARSHAL YAKUBOVSKIY	CODED TFC TO URB2	JEB-CA
8357.0	C	0205	WLPD		WX OBS TO MNO	RM -IL
8357.0	C	0027	ELCY 5	M/V BLED	WKG YUR	FWB-NJ
8357.0	C	0027	YTR	M/V RAVNI KOTARI	TFC	AQ -NY
8358.0	C	0218	JIRP	SILVERACE	WKG SVD	FWB-NJ
8384.0	C	0341	PENP	HAPPY MARINER	WKG PCH 41	FWB-NJ
8384.0	C	0218	3EOD 3	BARON MINTO	WKG KPH	FWB-NJ
8392.0	C	0003	SVQZ	GULF WIND	WKG HEB	FWB-NJ
8393.0	C	0012	DGBS	DIALA	OBS TO NMN	FWB-NJ
8396.0	C	2352	ONBI	DART CONTINENT 2	WKG GKD	FWB-NJ
8399.0	C	0304	GBBM	M/V ISLAND PRINCESS	WKG M/V SUN PRINCESS	JFH-MA
8416.0	C	0304	UYAC	SERGEJ MAKAREVICH	WKG OBC 3	FWB-NJ
8441.5	U	0349	GSZY	M/V RAINBOW WARRIOR	WKG NMG	JFH-MA
8722.0	U	0205		ATLANTIC SEAL	P/P VIA WOM.	TF -KY
8722.0	U	0215		BULK PRODUCER	P/P VIA WOM.	TF -KY
8759.2	U	1328	WPWH	AMERICAN NEBRASKA	WKG WOM	RM -IL
9152.0	R	1432	NRLX	USCG KATMAI BAY	WKG NMN 75-170R	JFH-MA
12429.1	R	0034		AMERICAN MONARCH	WKG AMERICAN PLACE	HBB-WA
12491.0	R	0034	USGA	TH PRIPYATLES	RYA	JEB-CA
12494.5	R	0212	UYCJ	TH DTRADNOE	RYA	JEB-CA
12498.5	R	1514	ONBX	FINA BELGICA	WX AT TRINIDAD	RM -IL
12500.5	R	0440	UIKN	PZ KONSTANTIN SUKHANOV	TFC TO VALDIVOSTOK	JEB-CA
12503.0	R	1826	KRHZ	M/V ARCHON	AMVER TO NMF	RM -IL
12506.5	R	0052	EWNN	BMRT BARSUKOV		JEB-CA
12508.0	R	0227	EDMP	PROFESSOR NIKOLSKIY	RYA	JEB-CA
12510.0	R	2354	UNYY	TH VOSTOCHNYI	RYA	JEB-CA
12515.0	R	2345	LYEP	RTMS TELS HAI	RYA	JEB-CA
12520.0	R	0215	UIGW	TH PSKOV	RYA BACKWARDS	JEB-CA
12520.5	R	0002	UTUI	TH OVANES TUMANYAN	RYA	JEB-CA
12520.5	R	0030	UUMX	TH MARNEULI	RYA	JEB-CA
12521.0	R	2335	UVXP	TH KRASNOKAMSK		JEB-CA
12521.0	R	0900	UWYL	MB KONSTANTIN FOMCHENK	RYA TO URB2	JEB-CA
12521.5	R	2330	EWNN		RYA TO URB 2	JEB-CA
12523.0	R	2325	UFNG	MB VIKTOR STRLTSOV	RYA TO URB 2	JEB-CA
12524.0	R	0110	USRZ	TR SLAVA SEVASTOPOLYA	RYA	JEB-CA
12525.0	R	2110	UFKT	TR PIONER VOLKHOV	TFC TO URL	JEB-CA
12525.5	R	0310	UTKU	MYS FRUNZE	RYA	JEB-CA
12525.5	R	0025	UDUI	TH SVETLOBORSK	RYA	JEB-CA
12525.5	R	0132	UUTH	TH NIKOLAI CHERKASOV	RYA	JEB-CA
12526.5	R	0010	UIAW	MIKHAIL KVASNIKOV	RYA	JEB-CA
12526.5	R	0136	UYEQ	TH BIYSK	RYA	JEB-CA
12576.0	C	2245	3EMH	M/V GRAND RELIANCE	WKG WLD	FWB-NJ
12585.0	C	2354	AGOP	M/V MULTAN	WKG TO GKD	FWB-NJ
12606.0	C	2345	OXNS	SINALOA	WKG TO KPH	FWB-NJ
16661.5	R	1435		M/S STEFAN STARZYNSKI	TELEGRAMU IN POLISH	RM -IL
16685.5	R	1520	DIHM	MEISTERSINGER	TFC GIVING POSITION	RM -IL
16686.0	R	1804	HOPT	PROVINCIA DE LE ORO	TFC	RM -IL
16796.0	C	2335	3EQJ 3	ATLANTIC FOCUS	WKG KPH	FWB-NJ
16818.0	C	2136	H9PH	M/V FELICIA	WKG JCS	FWB-NJ

\*\*\* AERO \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3071.0	U	0347	AIR FORCE ONE	TFC TO ANDREWS	AL-MA
3413.0	U	1020	PHILLIPINE 101	POS RPT	HGG-HI
5574.0	U	0959	AIR NEW ZEALAND 7	POS RPT	HGG-HI
5616.0	U	0241	AEROFLOT 347	WKG NY	AQ -NY
5691.0	U	1550	GAF	CLG DHM 91	IK -UK
5696.0	U	0445	CG 1483	WKG NMN	KFN-FL
5696.0	U	0545	CG 1501	WKG MIAMI	JFH-MA
5696.0	U	2328	CG 1501	WKG NMN	JG -NY
5696.0	U	1740	CG 1504	WKG PORTSMOUTH	JPC-NJ
5696.0	U	2332	CG 1703	WKG MIAMI	JG -NY
5696.0	U	2341	CG 1704	WKG MIAMI	JG -NY
5696.0	U	1845	CG 2134	WKG NMN	JFH-MA
5696.0	U	1334	CG 2135	ENROUTE PATROL AREA	BCW-VA

5696.0	U	2339	CG HELD 1489	WKG MIAMI	JG -NY
6532.0	U	0917	MAC 89004	POSITION REPORT	H6G-HI
6683.0	U	0042	MAC 60209	WKG FORMAT	MC -NY
6705.0	U	0110	HUSKY 59	WKG TRENTON CANMIL	RT -FL
6715.0	U	1534	AIR FORCE ONE	WKG CROWN	MC -NY
8843.0	U	0058	HAWAIIAN 118	WKG HONOLULU AERO	HBB-WA
8843.0	U	0115	RAIDER 14	WKG SAN FRAN AERO	HBB-WA
8843.0	U	0130	SINGAPORE 2	CLG HONOLULU AERO	HBB-WA
8857.0	U	0600	MAC 50245	REQUESTED F/L 390	HGG-HI
8897.0	U	1045	SINGAPORE 56	POSITION REPORT	HGG-HI
8903.0	U	0950	CLIFFER 801		HGG-HI
8903.0	U	0701	DYNASTY 005	POS RPT	HGG-HI
8942.0	U	0157	182	POS RPT	HGG-HI
8942.0	U	0959	GARUDA 875	POS RPT	HGG-HI
8942.0	U	0952	SINGAPORE 16	POS RPT	HGG-HI
8942.0	U	1022	SPEEDBIRD12	POS RPT	HGG-HI
8967.0	L	2330	SAM 24130	WKG ANDREWS	JCH-MD
8975.0	U	0939	MAC 27946	RECEIVED CODE MSGS	HGG-HI
11282.0	U	1635	EMPRESS 16464	WKG SAN FRAN AERO	HBB-WA
11282.0	U	1638	NWB	WKG SAN FRAN AERO	HBB-WA
11396.0	U	0908	ALITALIA 1765	POS RPT	HGG-HI
13000.0	U	0329	SOUTH PACIFIC 1A	POS RPT	HGG-HI
13205.0	L	1850	SAM 001	WKG STATE DEPT VIA P/P	RT -FL
18002.0	U	1815	MAC 57958	CLG MCCLELLAN	HBB-WA

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

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3237.0	U	0505	GOLF LIMA LIMA 2	SHIP-SHIP TACTICAL	MH -CA
5571.0	U	0415	SLINGSHOT	WKG OMAHA 09	KFN-FL
5692.0	U	2308	DELTA 3	WKG 0601	ES -MA
5696.0	U	1621	BEARCAT 202		JPC-NJ
6683.0	U	0143	NORTHERN DANCER	WKG ALBROOK	MC -NY
6683.0	U	0146	RESCUE 1	WKG UNID AUTOVON SUBSCRIB	MC -NY
6690.0	U	0045	L5Y	WKG 09Z	MC -NY
6720.0	U	0842	LIMA ZERO TANGO	CODED PHONETIC MSG	HGG-HI
6723.0	U	0435	GOLF 2 OSCAR	WKG OSCAR 6 ROMED	KFN-FL
6752.0	U	2353	SUNBURST	CLG 530 QUEBEC	PAT-CA
6761.0	U	0144	DAYROOM	WKG CAR CHASER	MC -NY
6761.0	U	0030	EFFIE 30	WKG ROBINS METRO	MC -NY
6761.0	U	0126	YARD BIRD	WKG NORHANDY	MC -NY
6910.0	U	0133	CHARLIE BRAVO	WKG A DELTA WITH OSY MSG	MC -NY
7635.0	U	1530	THUNDERBIRD 54	AZ CAP WKG WIGWAM, NY CAP	RM -IL
8024.0	U	2239	D F T	WKG D W D	RM -IL
8912.0	U	1730	SLINGSHOT	WKG OMAHA 09	KFN-FL
8972.0	U	0418	L9G	WKG HOM	JPC-NJ
8972.0	U	0222	LIMA 9 GOLF	WKG HOTEL ZERO MIKE	RR -MS
8989.0	U	0512	BURMA 99	WKG MCCLELLAN	JPC-NJ
8993.0	U	0218	STRAM 28	WKG MACDILL	RR -MS
11176.0	U	1943	PAPA 73	WKG MAINSAIL	JPC-NJ
11179.0	U	0322	KING 22	P/P VIA HICKAM	MC -AZ
11270.0	U	1805	TIGER SKI 1	WKG TIGER SKI	JCH-MD
11234.0	U	1644	ARCHITECT	WKG ASCOT 4646	JCH-MD
11234.0	U	1645	MIKE ALPHA ROM 13	WKG ARCHITECT	JCH-MD
11267.0	U	2240	M5D	'TFC IN BLIND' TO MIW	MC -NY
14686.0	U	1809	ATLAS	WKG FLINT	KFN-FL
14686.0	U	1935	SWORDFISH 01	WKG ATLAS	JPC-NJ

\*\*\* NUMBERS \*\*\*

DATE	STAT-STOP	FREQ	M	LL/8G	TRAFFIC	CONTRB
04/07/85	0520-0527	6802.0	U	/YL	3D GROUPS	JPC-NJ
04/14/85	1930-1934	11267.0	A	/YL	3D GROUPS	JPC-NJ
05/07/85	0208-0220	4074.0	A	SS/YL		RR -MS
05/07/85	1514-----	13872.0	C	/	'611' RPTD. 5D @ 1515	RM -IL
05/07/85	1631-1633	18128.0	R	/	5D/5L TFC. 50/425R	RM -IL
05/07/85	1912-----	20834.5	R	/	5D DE MFA CUBA	RM -IL
05/08/85	1525-1528	6020.0	C	/	5L TFC DE USACE (?)	RM -IL
05/08/85	2213-----	17611.0	R	/	5L DE MFA CUBA 75/850R	RM -IL
05/09/85	1415-1422	5870.0	A	VV/YL	VIET 3/2 GROUPS, // 4770	JEB-CA
05/10/85	0519-----	5870.0	C	/	5L DE NAM. NOT WX DATA	RM -IL
05/11/85	1349-----	16446.0	C	/	BOOK LENGTH 5D MSG	RM -IL
05/12/85	0435-----	7430.0	A	SS/YL	5D	TF -KY
05/18/85	0605-0612	5760.0	A	SY/L	5D GRPS, CARRIER 1 MINUTE	JMN-CA
05/18/85	2000-----	12235.0	A	SS/	ATENCION 86609, 5D GROUPS	TF -KY
05/21/85	0505-0510	6230.0	A	SS/YL	5D GROUPS	JMN-CA
05/23/85	1426-1432	13698.0	A	EE/YL	4D IN PROGRESS	JEB-CA
05/24/85	0123-----	16256.5	C	/	5D, T=0, SID 555	RM -IL
05/25/85	0535-----	4475.0	A	SS/YL	5D GROUPS	JMN-CA
05/26/85	2110-2118	11545.0	U	66/YL	5D GROUPS	BCW-VA
06/04/85	0020-----	9075.0	A	SS/YL	4D 148 GROUPS	BD -NC
06/05/85	2240-----	9040.0	U	66/YL	5D GROUPS	AQ -NY

\*\*\* BEACONS \*\*\*

FREQ	M	TIME	CALL	TYPE	TRAFFIC	CONTRB
6801.5	C	0828		SLHFB		MH -CA
6802.0	C	0835	F & K	SLHFB	'CLUSTER' BEACONS	JMN-CA

7905.5	C	2300	K	SLHFB	EVERY 4 SECONDS	RM -IL
11208.0	C	0720	H	SLHFB		JMN-CA
12185.0	F	1649	U	SLHFB		IK -UK
13578.5	C	2330	S	SLHFB		MH -CA
13637.0	C	1629	D	SLHFB		IK -UK
13639.0	C	1626	I-D	SLHFB	CYRILLIC, 36/MIN	IK -UK
14477.5	C	0210	K	SLHFB		RR -MS
14967.7	C	0148	K	SLHFB		RR -MS
15655.0	C	0153	U	SLHFB	VERY STRONG	RR -MS
17015.5	C	1614	S	SLHFB	19/MIN	IK -UK
17016.1	C		C	SLHFB	28/MIN	IK -UK
17017.0	C	1915	D	SLHFB	FSK SIGNAL UNDER KPH	RMA-TA
17017.1	C	1553	D	SLHFB	22/MIN	IK -UK

\*\*\* UNIDENTIFIED \*\*\*

FREQ	M	TIME	DATE	CALL	TRAFFIC	CONTRB
3941.0	U	1729	04/21/85		UNID PGM FEEDER	IK -UK
4102.0	C	0113	05/24/85		QRT1 ZRT ZRT NNNNN	RMA-TA
4604.0	U	0905	05/24/85		2WAY QSO, DIGITAL SIGNALS	AQ -NY
5088.8	L	0225	06/09/85		HI SEAS OP W/ P/P TFC	AQ -NY
6232.0	C	0110	05/27/85	72JKL	7BEAL DE 72JKL	RSR-ON
7417.0	R	1232	05/22/85	KVP	RYS, QRA DE KVP	JEB-CA
8210.4	U	0205	05/29/85		WKG SZJF	RM -IL
8294.2	U	0310	05/21/85	TWR 771	WKG TWR 703	RM -IL
8384.0	C	0037	05/07/85	ZID	CLB RCV	FWB-NJ
8447.0	C	0642	05/22/85	7BEAL	'2/4/6/8 13 RG'	AQ -NY
9043.7	R	1015	04/27/85	OKUX	ARD AND INVERTED	RMA-FR
10424.0	U	0719	05/22/85		FF VOICE MARKER, TFC	AQ -NY
11556.0	C	0002	05/08/85	OYN	V MARKER	MC -NY
16580.7	U	1312	05/11/85		SS OM CLG XUJ	RM -IL
18167.0	C	0000	05/09/85		ENDS 'TNKS XX 67WF/60TN'	RM -IL
18176.0	C	1935	05/08/85		ADNSTU3456 IN 5CHAR MSGS	RM -IL
18731.0	U	1423	05/30/85		FF OM TELCOM	RM -IL

\*\*\* VLF/LF/MW \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
	209.0	C		2043	GDW	NDB	ID	SMM-MI
	259.0	C		2045	MB	NDB	ID	SMM-MI
	324.0	C		0144	VV	NDB	ID	SMM-MI
	329.0	C		2041	AMN	NDB	ID	SMM-MI
	334.0	C		0148	PHN	NDB	ID	SMM-MI
	404.0	C		2051	ZR	NDB	ID	SMM-MI
BAHM	396.0	C		2255	ZBB	NDB	BIMINI AIRPDRT	ML -MN
CAN	409.0	C		0153	YTA	NDB	ID	SMM-MI
USA	96.0	C		0414	C	LORAN	LORAN C CENTERED AT 96KHZ	ML -MN
USA	332.0	C		0233	FIS	NDB	FISH HOOK AIRPDRT	ML -MN
USA	356.0	C		2300	PR	NDB	ID	ML -MN
USA	436.0	C		0056	WCC	MARCO	TFC LIST	AL -MA

\*\*\* QSLs \*\*\*

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
	CG 2133	HU25	FALCON	PFC MS	5696.0	JFH-MA
	CGDQ	M/V	ALERT	PFC MS 30D	8390.0	AM -ON
	ELBM 9	M/V	TROPICALE	PFC MS 24D	4112.6	JFH-MA
	ELPH	M/V	FAIRWIND	PFC MS 23D	4112.6	JFH-MA
	GYCJ	M/V	PALUDINA	PFC MS 48D	4184.2	AM -ON
	NHKW	USCGC	CONFIDENCE	PFC MS 50D	6518.6	JFH-MA
	NRLX	USCGC	KATAMI BAY	PFC MS 16D	8220.0	HH -MD
	PEJS	M/V	NEDLOYD GOODLAND	PFC IRC 33D	8387.0	AM -ON
	SWNT	M/V	NEPTUNE IDLITE	PFC MS 49D	8407.5	AM -ON
	VCTB	M/V	IRVING OCEAN	PFC MS 40D	4190.0	AM -ON
	WTDO	N0AA	OREGON II	PPC MS 30D	8210.0	HH -MD
	WTEG	N0AA	S/V MT. MITCHELL	PFC MS 36D	8241.5	JFH-MA
	WXBR	SS	CHEVRON MISSISSIPPI	PFC MS 36D	8368.4	AM -ON
CAN	VAU	CCG	YARMOUTH	PFC 2MS 31D	2182.0	JFH-MA
CAN	VFG	AERO	GANDER	LETTER MS 120D	6604.0	JF -NH
CAN	VON	CCG	ST. JOHN'S	PFC 2MS 24D	2182.0	JFH-MA
DEN	DXZ 6	MARCO	LYNGBY	CARD 11RC 17D	12916.5	RMS-NY
ECUA	HD 210A	SFTS	GUYAQUIL	CARD 21RC 135D	7600.0	JF -NH
FRAN	FFU	MARCO	BREST/CONQUET	PFC 21RC 26D	2182.0	JFH-MA
GDR	Y 35	SFTS	BERLIN	FOLDER 150D	4525.0	JF -NH
KUWT	9KK	MARCO	SAFAT	LETTER 11RC 37D	4299.0	PAC-UK
MART	FFP 7	MARCO	FT DE FRANCE	LETTER 11RC 26D	12831.0	RMS-NY
SPAN	EAB	MARCO	FINISTERRE	LETTER 11RC 30D	1698.0	PAC-UK
SURI	PZN	MARCO	PARAMARIBO	CARD 21RC 28D	2182.0	JFH-MA
USA	DKG	NDB		CARD NOPOSTAGE 60D	348.0	RSR-ON
USA	NMA 3	USCG	NEW SMYRNA BCH	PFC MS 53D	2182.0	JFH-MA
USA	NMG	USCG	NEW ORLEANS	CARD MS 40D	5696.0	JG -NY
VEVE	YVTO	SFTS	CARACA	CARD 21RC 120D	6100.0	JF -NH
VIRG	WAH	MARCO	ST. THOMAS	LETTER/CARD/SCHED 13D	17239.1	RM -IL

\*\*\* CONTRIBUTORS \*\*\*

NAME	INI-ST	RECEIVER	# LOGS
AKED, ROGER	RMA-FR	EDDYST. 1650/2	10
ALEXANDER, RODNEY	RMA-IA	R 70	10
BEAL, BART	HBB-WA	R 4C	14
BEAVER, WILLIAM R.	WRB-IN	FRG 7700	3
BELGHAUS, FRED W.	FWB-NJ	ICF 2001	24
BERRI, JASON E.	JEB-CA		41
CHABAK, MIKE	MC -AZ		5
CHINSKEY, MARK	MC -NY	ICF 5900W	11
CIRONE, JOSEPH P.	JPC-NJ	R 70	8
COLEMAN, R.J.	RJC-MA		2
CONWAY, PETER A.	PAC-UK	COLLINS 57J-4	2
DAMPIER, PHILLIP M.	PMD-NY		2
DICKERMAN, WILLIAM O.	WDD-PA		7
DUNCAN, GREG	GD -NC		1
EDWARD, DON	DE -GA		4
FLEISCHAKER, TED	TF -KY		4
FRIBERG, JOHN	JF -NH		4
GARDINER, HERBERT G.	HGG-HI		18
GERSTNER, JOHN	JG -NY	DX 1000	6
HARDESTER, MIKE	MH -CA	R 1000/FRG 7000	7
HARTUNG, JAMES C.	JCH-MD		18
HENAUT, JOHN	JFH-MA	R 2000	4
HDLBROOK, HANK	HH -MD		2
KERR, IAN	IK -UK	R 2000	18
KNIGHT, ROBERT W.	RWK-WA		3
LEONARD, MICHAEL	ML -MN		8
LEMKOWICZ, ABE	AL -MA	DX 302/ICF 2001	27
MARGOLIS, ROBERT	RM -IL		10
MASON, ALEXANDER	AM -ON		6
MCLAIN, LOIS M.	LMM-CA	SPR 4	4
MOLL, SUSAN M.	SMM-MI	FRG 7700	7
MOORE, ALEX	AM -UK	R7	14
NEWELL, KENNETH F.	KFN-FL	ICF 2001	11
NOWICKI, J. MICHAEL	JMN-CA		7
PONDER, STEPHEN L.	SHP-LA	RF 3100	13
QUAGLIERI, AL	AQ -NY	SP 600	18
ROCKER, RAYMOND	RR -MS	FT 757EX	15
ROSS, ROBERT S.	RSR-ON	FR 1015	3
SCHHEEL, MICHAEL W.	MWS-IA		2
SHEEDY, DAN	DS -CA	R 70	5
SOOMRE, ED	ES -MA		7
STREETER, R.M.	RMS-NY		22
THOMPSON, GLENN	GLT-NM		32
THOMPSON, PEGGY	PAT-CA	FRG 7	2
TROTTO, RON	RT -FL	UNIDEN CR 2021	3
WINNERS, BERNIE C.	BCW-VA	R1000/FRG-7	4

We had a pretty good turnout this month. There were some quality logs this time out.

We also have some new SPEEDX members reporting, and some old SPEEDX members starting to report, and some former reporters starting again. Welcome to all!

Joerg Klengenfuss of Tuebingen, FRG, has released two revisions of books in his library. The *Air and Meteo Code Manual*, eighth edition, is a guide to the codes and transmission formats used by METEO stations all over the world. This complex subject is explained with real skill, with numerous examples on how to decode the different meteo formats and lists of the universal codes used. The *Radioteletype Code Manual*, eighth edition, describes the codes and alphabets used in standard and many non-standard RTTY alphabets; ARQ and FEC; standard and non-standard morse, cryptography, and Piccolo transmissions. Both books are available from most radio equipment dealers.

That's about it for this month. I hope your July 4th is (was) safe and enjoyable.

73's and best DX.....



As set down in the SPEEDX Constitution, no SPEEDX publication is to be used to promote personal views on religion, politics or ideologies. Mike's letter was printed with the approval of the BOD in this instance because there is a "gray area" which needs clarification. That means we need to hear from you.

What is "non-political"? Is it reasonable or even possible to be truly "non-political"? Does the SPEEDX Report fall into the same category as other club publications? Does its broadcast on Radio RSA imply support for the government of the Republic of South Africa? Does its broadcast on HCJB imply support for Christianity? Would the elimination of the program from Radio RSA also be a political decision, although in a negative manner?

These are some of the questions that the BOD has been discussing for three months. We'd like to hear from you. We will make a decision on the final status of the SPEEDX Report around September, and your input will be vital. Please write, whether you're a Full or Associate Member.

Because of the Constitution's prohibition on advocating political views in the pages of SPEEDX, this debate will not take place in this or any other column. Please address all comments to one or more Board of Directors members. Their names and addresses are on the back cover. If you like, you may send letters addressed to the entire BOD to me at the address on page 2, and I will forward copies to the rest of the board at my expense.

Thank you for your patience in reading this rather long commentary. The BOD does feel that the topic is important, however, and we hope you will find a few minutes to let us know your opinions.

#### BOARD OF DIRECTORS NEWS

Nominations for the upcoming BOD election closed on June 15. The list of nominees is on page 3 in SPEEDX Spotlights. Nominees, please remember to get your statements in to John Trautschold as soon as possible.

The revision of the SPEEDX Constitution was approved in Round Robin #93. Voting for approval were Trautschold, Thompson, Drollinger, Sanderson, and Kephart. No negative votes. The new Constitution is now in effect and copies of the revised document will be sent to Full Members at the earliest possible date. As noted in last month's UP FRONT, the revision was primarily an update, with wordings changed and new job descriptions added.

The awarding of Honorary Full Memberships to sixteen longtime SPEEDX members was also approved in Round Robin #93. Voting for approval were Trautschold, Thompson, Drollinger, Sanderson, and Kephart. No negative votes. Those honored will be receiving a handsome certificate. Honorary Full Members are automatically eligible for all regular Full Membership advantages, including voting rights, regardless of the number of credits they accumulate in a twelve-month period. Congratulations to these fine members, and thanks for your long dedication to SPEEDX!

E.V. "Sandy" Blaize  
Michael Chabak  
Vera Crable  
Rick Drollinger  
Ralph Famularo  
Arthur Getzel  
Mike Hardester  
Ruth Hesck

Jack Jones  
Mark Koukol  
Terry Lindley  
Michael Mahoney  
Don Moman  
Woody Seymour, Jr.  
Feggy Thompson  
Richard Wood, PhD.

The motion by Tom Kephart to establish a committee to review SPEEDX abbreviations and the use of the SID system in loggings was withdrawn. It was decided that any review of abbreviations should be done by, or in cooperation with, ANARC.



#### STAFF ANNIVERSARIES

Jack Sanderson (1 year on the Board of Directors) and Jack Jones (10 years as Awards Chairman!!!) are the birthday boys this month. Thanks gents, for your volunteer spirit.

#### CANADIAN AND MEXICAN ISSUES UPDATE

I heard from two members on the AU Airmail experiment I began two months ago. Carl Huffaker in Mexico City tells me that his May copy of SPEEDX came about a week earlier than the April issue, although in the past SPEEDX sometimes came that early with the old mailing system. Alan F. Hills in Vancouver, British Columbia informs me that both the May and June issues were about seven days earlier with AU Airmail. Thanks for the kind words, guys. We'll keep mailing the Canadian and Mexican issues by AU Airmail.

#### ANARCUN '85

As of publishing deadline, the following SPEEDXers have informed me that they will be attending the convention: Ruth Hesch-NY, Bill Wernly-TX, Bob Falmer-WA, Bob Thunberg-PA, Speed Gray-MI, Daniel Sampson-WI, Rick Drollinger-WI, John Trautschold-IL, and Tom Kephart-MI. Not bad, and I'm sure there will be others who didn't let us know. Looking forward to seeing all of you there!

#### A\*U\*E=ASSOCIATION OF CLANDESTINE RADIO ENTHUSIASTS

SPEEDXer Keith J. Thibodeaux recently became the publisher of "The A\*U\*E", the monthly bulletin of the club of the same name. A\*U\*E is an organization that specializes in clandestine and pirate radio stations. "The A\*U\*E" includes loggings, QSL info and addresses, direct interviews with pirate station operators, quest articles and commentaries, and much more. For a sample copy, send \$1.00, or \$11.00 for a one year membership/subscription, to A\*U\*E, P.O. Box 46139, Baton Rouge, LA 70895-6139.

#### SCANNERS IN CARS COULD BE OUTLAWED

From SPEEDXer Joe Buday comes word of a new law being proposed in Pennsylvania that could make the operation of a scanner in a vehicle in that state a crime. If you're a scanner enthusiast in any state, you may want more information on this development. Write to SCAN, the Scanner Association of North America, 240 Fencil Lane, Hillside, IL 60162 for more information.

#### THANKS FOR THE HELP

Dear Tom:

I just wanted to drop you a note to express my sincere appreciation to those who responded to my prior letter about helping visually impaired members. I too received a few queries here, so if anyone needs assistance, I would be happy to receive their letters, and help them out if I can.

Also, a call to any Florida SPEEDXer who might be interested in joining a local chapter. Periodic meetings will be held in the Tampa-St. Pete area, and a flash sheet will be available. For more info, drop me a postcard [address on page 3, ed.].

David Sharp  
Lutz, Florida

#### CLARIFICATION

In the June "DX Montage", the article about British pirate radio should have been credited to VARIETY magazine. SPEEDX regrets the omission.

#### AND FINALLY...

Thanks to the many people who send me personal letters each month. I must admit that your comments, both positive and negative, make the job of publishing this magazine worthwhile. I do try to respond to each of you who request or require a response, although sometimes I fall behind a bit, for which I apologize.

A thank you also to SPEEDXer Paul Korneke of Waynesboro, Virginia for his letter and sample printout of a computerized logging program. I also use my computer (using dBase II) to compile and sort loggings, and we'll have a short article on this subject in an upcoming issue, using samples from Paul's printout, my experience, and any other ideas you may have. Drop me a line. 732 & CUN 30. *OK*

# CONTRIBUTORS LIST:

JULY 1985

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

TOTAL CONTRIBUTORS: 167

3	ABBINANTE, PHIL	IL	2	KOEHLER, WAYNE	IL
3	ADDISON, JOE	KS R600	1	KRIST, KRAIG	VA
1	AKED, ROGER	FR 1650/2	3	LANGLOIS, HAROLD	GA
1	ALEXANDER, RODNEY	IA IC-R70	2	LEHMAN, DIANN	MA
3	ALLEN, MICHAEL	CA CR2021	4	LEONARD, MICHAEL	FL R1000
6	BAIR, MASON	CA IC-R70	1	LEWKOWICZ, ABE	MA DX302
1	BEAL, BART	WA R4C	7	LORD, EARLE	CA FRG7700
2	BEAVER, WILLIAM	IN FRG7700	1	MACGIBBON, BRUCE	OR
1	BELGHAUS, FRED	NJ ICF2001	4	MACRIE, VIRGINIA	NJ R2000
1	BERG-ANDERSON, RICHARD	NY DX400	4	MANDERSCHIED, MIKE	CA ICF2001
3	BERRI, JASON	CA RF2900	3	MANNING, SANDRA	TX FRG7700
2	BINGHAM, FRANK	MA R7000	1	MARENGO, THOMAS	NY
12	BISHOP, FORREST	NY RF4800	1	MARGOLIS, ROBERT	IL
1	BLAIR, ART	CA	1	MASON, ALEXANDER	ON
4	BLANCHETTE, MARION	FL R600	1	MASON, SANDY	ON
2	BOWDEN, RALPH	CA FRG7700	2	MAY, RONALD	OH IC-R70
5	BRADLEY, HERB	MA DX302	1	MENDEZ, LUIS	NJ R1000
3	BREMER, DON	AR R1000	3	MILLER, WILLIAM	CA DX400
1	BUDAY, JOE	PA	9	MIYAUCHI, SATOSHI	JP TS-430V
6	BYRON, LESLIE	CA PATROL 9	2	MOLL, SUSAN	MI FRG7700
1	CAMPBELL, BILL	CT R2000	1	MOORE, ALEX	UK R7
6	CARD, PETER	RI NRDS05	3	MUNSTER, RALF	GA R7/DR7
7	CARLSON, VIRGIL	WA	2	MUZYKA, WILLIAM	NY RF4900
1	CEREGHIN, JOHN	MD DX400	2	MCCANTS, DONALD	AL RF2200
2	CHABAK, MIKE	AZ	2	MCKEON, THOMAS	IN R1000
1	CHINSKY, MARK	NY ICF5900W	1	MCKEON, TOM	IN R1000
1	CHITUCK, BRUCE	MD DX302	4	MCLAIN, LOIS	CA SPR4
5	CIRONE, JOSEPH	NJ IC-R70	9	NEUVERTH, MICHAEL	CO DX400
5	CLAYTOR, DAVID	MI R1000	1	NEWELL, KENNETH	FL ICF2001
1	COLE, BILL	NJ	1	NEWKIRK, DAVID	WA
5	COLEMAN, ROBERT	MA	2	NOLL, ED	PA
1	CONWAY, PETER	UK 57J-4	8	NOWICKI, MICHAEL	CA IC-R71A
1	COOK, DAVID	CA FRG7700	1	PALMER, BOB	WA IC-R71A
7	D'ANGELO, RICHARD	PA NC190	5	PERDUE, NEAL	AL R4B
4	DAMPIER, PHILLIP	NY DX400	1	POKATILOFF, RONALD	IL
3	DEMMITT, JOHN	PA HOMEBREW	1	PONDER, STEPHEN	LA RF3100
1	DENNIS, AMEL	IN SX190	2	PRATH, JOHN	FL IC-R71A
4	DENTON, STEVE	KY DX160	3	QUAGLIERI, AL	NY SP600
1	DICKERMAN, WILLIAM	PA	6	ROBINSON, BETSY	TX CR2021
10	DILLON, PETER	MD DX400	10	ROCKER, RAYMOND	MS FT-757GX
4	DUNCAN, GREG	NC	2	ROMANIN, GIORGIO	IT
1	EDWARD, DON	GA	1	ROSS, ROBERT	ON FR101S
2	ELSON, JEFF	MO	2	RUCKMAN, ROBERT	OH
1	EVANS, JAMES	TN R2000	5	SABLE, THOMAS	NY TS-430S
1	FALBO, ANTHONY	OR R1000	2	SAMPSON, DANIEL	WI DX300
1	FAMULARO, RALPH	JP RF2800	1	SAMS, MITCH	KS
1	FEMYER, MICHAEL	AZ R600	5	SHEEL, MICHAEL	IA ICF2001
3	FISHER, ALLEN	NM	1	SCHLOSSMAN, MARC	CA FRG7
2	FISHER, JOHN	MA R2000	1	SCHMAUTZ, SCOTT	NY
4	FLEISCHAKER, TED	KY ICF2001	4	SCHULSINGER, MICHAEL	OH FRG7
4	FRANK, KENNETH	ON RA-17	1	SCHWARTZ, MICHAEL	FR
3	FRASER, BOB	MA CR2021	1	SEYMOUR, WOODY	NC SPR4
3	FREEMAN, JOHN	AZ HQ160	2	SHARP, DAVID	FL R600
1	FRIBERG, JOHN	NH CR2021	1	SHARPE, BRYAN	CA DX302
1	GARDINER, HERBERT	HI	7	SHEEDY, DANIEL	CA R4B/UC1
7	GERSTNER, JOHN	NY DX1000	7	SHIMADA, SENSU	JP FRG7700
6	GOODMAN, JOEL	IA R390	5	SHREEDHAR, R.	II
3	GROSVENOR, CA	CA FRG7	15	SOOMRE, ED	MA R7000
2	GURLEY, TED	TX R600	9	STEPHENSON, NORMAN	CA IC-R70
2	HARADA, CLAYTON	CA R390/URR	1	STRATMANN, HENRY	MO SPR4
8	HARDESTER, MIKE	CA R1000	2	STREBEL, GARY	NY R2000
4	HARRINGTON, ROB	CO	1	STREETER, ROBERT	NY R4B
1	HARRIS, MIKE	OH IC-R71A	1	STUART, JERRY	OK FRG7
1	HARTUNG, JAMES	MD R7/DR7	1	SWEDBERG, ERIC	OR

15 HASTIE, LARRY	TX	2 SWINN, ROBERT	CA FR67700
2 HEINEN, WAYNE	CO R390A	1 TAZIMA, YUTAKA	JP
3 HENAUT, JOHN	MA R2000	2 THOMPSON, GLENN	NM IC-R71A
12 HESCH, RUTH	NY R1000	10 THOMPSON, PEGGY	CA FR67
1 HEVERN, VINCENT	NY IC-R70	3 THUNBERG, BOB	PA R1000
1 HICKMAN, MEL	OR	4 TRENT, JOHN	AK RF2900
1 HILLS, ALAN	BC ICF2002	10 TROTTO, RON	FL CR2021
1 HOLBROOK, HANK	MD HQ129	3 VALENTINE, F.A.	CA IC-R70
3 HOTALING, STAN	NV RF2000	2 VANHORN, GAYLE	FL RF3100
2 HUFFAKER, CARL	MX HOMEBREW	10 WEGNER, MICHAEL	TX IC-R70
8 HUNT, BILLY	NC NRDS15	1 WEIKEL, FRANK	MI S-38E
1 JORDAN, GREG	NC ICF2002	1 WELCH, FRANK	DC ICF6800W
2 KAESSINGER, ROBERT	FG	3 WIMMERS, BERNIE	VA R1000
1 KAPINOS, JOHN	MA R2000	9 WITTE, MARJORIE	CA FR67
4 KARNIS II, SHERMAN	OK DX400	1 WOERING, HAROLD	MA DX160
2 KEENAN, DAVID	CA IC-R71A	1 YAJKO, ROBERT	PA
1 KERR, IAN	UK R2000	1 YEAGER, CARL	PA
4 KERRIGAN, PATRICK	IL R1000	4 ZILMER, ROBERT	NM R1000
1 KLOSOWSKI, LORI	FL CR2021	2 ZIRKELBACH, BOB	CA R1000
1 KNIGHT, ROBER	WA		

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:  
 WEST HEMIS / AFRICA / QSLs

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:  
 WEST HEMIS / TIPS & TOPICS

SEND ADS TO: Tom Kephart  
 P.O. Box 2041  
 Mt. Pleasant, MI 48858

## SPEEDX want ads...

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FOR SALE: tape recorders, Sony with vari-speed playback, Panasonic auto-reverse (playback & record), Olympus microcassette, Craig with auto. battery charge, \$25 each except Craig for \$10 (runs slow). These are worth much more and represent a real buy! Dennis Kibbe, 1017 West Manhattan Drive, Tempe, AZ 85282.

WANTED: surplus URR-35 UHF receiver in working condition. Will pay shipping. Mike Megee, 14327 Crosshaven Drive, Houston, TX 77015. Phone (713)877-6402 weekdays, (713)453-2742 nights/weekends.

FOR SALE: Complete set of Army Technical Manuals for R390A. Operator thru Depot Maintenance levels. All changes posted. Any reasonable offer. Marc Golab, 7 Lexington Court, Streamwood, IL 60103. Phone (312)882-4772 between 2300 and 0300 GMT.

WANTED: Old HCJB QSL cards, skeds, pennants, posters, any other previous material given out. Ed Soomre, One Alcott Drive, Northboro, MA 01532. Phone (617)393-6052.

WANTED: Used, in good to excellent condition... BC300, BC250, BC220, HX2000, MX7000, MX5000, JIL SX400 Plus converters, PRO-30 scanners. Also Icom R71A, Sony 2001 shortwave radios. John A. Agnew, 1207 South Lafayette, Royal Oak, MI 48067-3132. Phone (313)546-7808.

FOR SALE: Icom R-70, like new with FM, 12 volt, CW narrow filter and delta-55 xtal SSB filter installed. Complete with manual, box, etc. \$450 includes UPS and insurance in U.S.A. Call toll free days (800)421-6631 or nights (213)478-1717. Jack Somers, P.O. Box 49751, Los Angeles, CA 90049.

FOR SALE: Icom R-70, 6 months old, original box, manual and extra fuses. \$525 or best offer, shipping and insurance included. Louis Mauroner, 6188 San Juan, Baton Rouge, LA 70811. Phone (504)357-2041.

FOR SALE: Kenwood SP-100 speaker, \$20. SX-59 preselector, \$25. MFJ random wire antenna tuner, new, \$25. MFJ frequency standard calibrator, new, \$20. Kenwood K-600 digital receiver, 1 year old, \$210. You pay UPS. Hobart Beal, P.O. Box 1246, Walla Walla, WA 99362. Phone (509)529-0073.

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