

SPEEDX

SPEEDX

the dx radio magazine
for active shortwave listeners

**EVEN
SUPER SPEEDX
VOTES...**



**DON'T BE
LEFT OUT!**

SEPTEMBER 1983

VOL 13 NO 9



SPEEDX SPOTLIGHTS

THESE SPECIAL DX'ers and SWL's

David Sharp, Editor

17602 Meadowbridge, Lutz, Florida 33549

Deadline: 12th of month

Hi folks, and bienvenido! Usually I begin this column by giving you the list of new Full Members. Unfortunately, I cannot bring you that list this month, as I am typing the column on the 16th, and it still has not arrived! But I will try to print those names next month. Tnx for your understanding.....

=====
This month, we have 24 Terrific New Members to add to the SPEEDX ranks:

BRUCE CHITUCK
FPO NEW YORK, NY

WILLIAM SCHALLER
CHAPPAUQUA, NY

JOSEPH LEEMAN
WAKEFIELD, RI

FRED BODENHAGEN
NEUMUNSTER, F.R.G.

KEN BURGESS
SWIFT CURRENT, Sask.

TOM KNEITEL
SMITHTOWN, NY

HIDEKI TANIDA
OSAKA, Japan

SUSUMU TAKUMI
TOKYO, Japan

IDEN ROGERS
RIVERSIDE, CA

CHRIS DAVIS
PARK RIDGE, NJ

G. MICHAEL WOLOCH
OUTREMONT, PQ

JOHN MULLANY
PITTSSTON, PA

GLENN MILLER, Jr.
HIXSON, TN

BRIAN WRIGHT
MANTECA, CA

WALTER GAEDE
TORRANCE, CA

MICHAEL MOORE
EL PASO, TX

ED MAKI
KAKABEKA FALLS, Ont.

JOHN AGNEW
ROYAL OAK, MI

HUGH O'RIORDAN
BOISE, ID

ROBERT BELFI
TERRE HAUTE, IN

MARK KLEIN
NEW YORK, NY

ROBERT ADAMS
GARDNER, MA

JOHN SHERIDAN
MELBOURNE, Australia

Wm ESTES, Jr.
CLINTON, MS

A big SPEEDX welcome to all of you! Now, to become a full member, all you have to do is start contributing! Loggings, articles, etc. should be in the hands of the editors by the 12th of each month. Or, you can send all of your contributions to the SPEEDX Central Distribution Editor, "Perky" Peggy Thompson at: 2706 Alabama Street, La Crescenta, CA 91214. All material sent to Peggy must be at her QTH by the 6th of the month. Whichever route you choose, your contributions will be helping all SPEEDXers! And finally...the New Member who contributes the most to the pages of SPEEDX, or is the first to earn Full Membership, will win a nice prize! Let's hear from you in the pages of SPEEDX!

A THOUGHT TO FORGET: Dieting is the penalty for exceeding the feeding limit!

CU Next Month and in
DX Montage

73s David

Summer down Lutz way has been a hot one, with our outdoor thermometer soaring to almost 100° most every day. A common saying down our way is that Florida has two seasons...this summer, and last summer, hi. Thank goodness weather reports call for relief in a couple of days! We have lots of material this month, including the final crop of BOD statements. I would like to say that since I began DXM, I have r'cvd many nice letters and great contributions. Both are appreciated here, and I hope you will continue your great support of DXM, because it is you, and not me, who make DXM what it is. And now, without further chit-chat, I begin with election information...

 **Let's start by giving you the names of those who declined their nomination. As such, the following will not appear on the election ballot: Bob Bodell, Robert Zilmer, and Terry Lindley. Now, onward to the statements...

**Don Johnson: My thanks to those who nominated me for the BOD. After declining the 1979 & 1981 nominations, due to the work load at club HQS, I have decided to seek a spot on the BOD once more. It appears HQS duties will pass on and I hope to have the time to devote to this important position. Long time members know my track record w/SPEEDX. For newer members I have: Been on the BOD 6 years (1973-1979) four as President...Published the bulletin for five years...Edited or filled in on many columns in SPEEDX...Been club HQS/Business Manager-Treasurer for ten years...etc.

As far as my hobby politics go, I would class myself as a moderate. I am for a steady orderly growth of the club, both in content and size. We have grown by 100 members each year since I have been involved with the operation of SPEEDX. The size and content of the bulletin has also improved. If elected, I will do my best to keep us going down the road of progress. I urge all FM's to take the time and a 20¢ stamp (or 13¢ postcard) to vote. You have earned the right to select the folks that represent you through your contributions to the club. Use it! 73's Don

**Mike Chabak: My TNX to those who placed my name in nomination, for a BOD position. During the past few years, the SPEEDX bulletin has borne witness to the steady growth of its utility column. The large utility contributor following, plus an equal number of silent utility buffs, underscores a demonstrative need...

Namely, that utility related matters should have a vocal representative among the ranks of the SPEEDX BOD.

As your current utility editor, I believe that I can adequately be such a voice.

Overall, I would work with BOD members, striving to further the SPEEDX goals, while likewise insuring that utility matters, have an expressive proponent on the Board.....TNX & 73s gang.....

**Sandy Blaize: As editor of the Technical Topics section and a present Board member, I would like to solicit your vote for another term as a member of the SPEEDX Board of Directors. It has been a pleasure to serve you the membership these past years. For those of you who might not know me, I am a radio technician for ITT Mackay Marine here in the New Orleans area. ITT Mackay sells, installs and maintains shipboard communications, navigation and satellite electronic equipment. My job is that of a supervisory field service engineer, my main specialty being in Low frequency, Medium frequency and High frequency communications equipment. In this business you are forced to work with all sorts of stuff at times which gives one quite a diversified exposure to gear from nearly every country in the world making it! I am 46 years old and have been an amateur radio operator since 1951 and an SWL since 1946! The bug bit me young!

 That's all of the election material. In the past two months, you have read the statements and ideas of the candidates. Now it is your turn. If you're a Full Member of SPEEDX, I urge you to vote, because the people elected will have a great influence on the future of our club...TNX...ds.

Since I'm running out of room on this page, I thought I'd briefly explain what DXM is all about to the new members. DXM is the HQS section of SPEEDX. Official information, etc. will appear here. However, we also like to have a bit of humor, and if you have an amusing anecdote, then DXM is the place to send it. We try to have an equal balance of information and humor....

NOW ONWARD...TO PAGE TWO OF DXM...

Radio Ops Blay Chess Worldwide: The ancient hobby of chess and the modern hobby of ham radio are now joined in an organization called CARI- Chess and Amateur Radio International. Enthusiasts in Europe as well as Australia and New Zealand are playing chess over the air, although most members are in the United States.

Jim Luciani, a 17-year-old ARO in Egg Harbor, NJ, played the first official CARI game with Mike Sakarias, of Goodnews Bay, Alaska, a remote Eskimo village CARI officials report.

Sakarias says, "Since coming to the Alaskan bush my chess playing has faded because there are not many opportunities for it up here. But there is lots of time for amateur radio. I am delighted that both hobbies should be brought together like this."

Kirk McMillan of Christchurch, N.Z., recently completed a game with the CARI founder, Vince Luciani, also of Egg Harbor.

"Chess playing over the air is entirely different from over-the-board or even computer chess," says McMillan. "Playing an unknown opponent thousands of miles away, waiting for his best moves to come in all so mysteriously against your best strategy is hard to describe. It adds something quite new to chess which must be experienced to appreciate..." Thanks to Betsy Robinson of TN for forwarding this article from a recent issue of Grit Magazine...

Jason Berri, who lives in the real LA, sends an update on GESP (the Guide to English SW Programs); GESP, published by Dan Ferguson, is now in booklet form, to be published bi-monthly, instead of in monthly issues. The by-time list will be provided most of the time, with the by-country lists issued every so-often. The price for a subscription in the U.S. is \$15. for six issues. If you're interested, then write to: P.O. Box 8452, So. Charleston, WV 25303. Tell Dan DXM sent you!

And now, for the lighter side of our hobby...here are a few items from that great ambassador of good will and humor...John Demmitt of Bellefonte, PA : Hear greater definition with the new deluxe 3-D radio. This unit comes with a red speaker for the right ear and a blue speaker for the left ear (sounds kinky to me, ds.). This unit can be yours. Just send your big bucks to Gyp Enterprises, 100 Bunco Street, and wait and wait and wait for your 3-D radio to come. John, how 'bout sending a review to Technical Topics, HI!! ds.

WANTED: XEROX, Radio Duplicado in Mexico has run out of QSL's and requests holders of their cards to make copies and send them to XEROX so they may have a copy.

HELP WANTED: The Voice of America is seeking an announcer. Requirement, must speak s-l-o-w e-n-g-l-i-s-h....

SPEEDXer Dick Hull of WA sends word that Radio Norway is seeking No. American reception reports. Those of you interested should send your reports to the following address: Olav Grindalen, FRQ manager Radio Norway, P.O. Box 6701, St. Olav's Pl., Oslo 1, Norway. Tell Olav Dick Hull and DXM sent you! Dick also mentions that Radio Denmark is currently unable to provide listeners with pennants, stickers, etc. Obviously another station feeling the crunch of world inflation!

And speaking of Radio Denmark, Todd Morgan of NC knew that "Herstedvester" is a small village west of Copenhagen. It is the location of Radio Denmark's transmitter. As such, Todd gets the Radio Dublin sticker. And now, the question for the Sept. "Pen the Tail on Ye Editor," that new DX game show which is sweeping the country: The new SW station in Alaska has the callsign KNLS. What do the letters "NLS" stand for? First correct entry will get a SPEEDX bumper sticker.....

Wanna Buy SW Gear at a Discount (who doesn't!!): SPEEDXer Mark Murphy in NY sends word that East Coasters might try: Executive Photo & Supply Corp, 120 W. 31st St., NY, NY; call 800-223-7323 for orders. Focus, in NYC (212-871-7600); Capital Elect., 120 Duane St., NY, NY 10007 (212-233-5460); or Bi-rite Photo & Elect., 15 E. 30th St., NY, NY 10016 (800-223-1970 for orders).

Word has reached this desk that the East and West Radio Club of the F.R.G. is going to hold their fifth annual International DX Contest. One task of the participants will be to listen to as many broadcasts from the Arab world as possible. Interested? Then write: EAWRC, c/o Hardy Borger, Eifelwall 46, 5000 Köln 1, F.R.G., including return postage or 1 IRC.

This month, thanks to Rick Drollinger, DXM has a third page, so on we gooooo!

Just when you thought it was safe to tune the ABO bands, John McDowell sends word that ABO station UK3KP, operated by Pravda, operates on CW on 14088 kHz (Sat. only) from 05 to 0530 and 0900 to 1000 GMT. They also operate on phone on 14182 kHz on Saturdays from 0600 to 0800 and 1030 to 1330 GMT. This via Radio Moscow's DX Program on 21 June, 1983.

U.S. Said to Consider 40 Options if the Cubans Jam Radio Stations: Senior Reagan Administration officials have indicated to commercial broadcasters that they are considering a list of 40 options for retaliating against Cuba, including "surgical removal" of the transmitting antennas, if the Havana Gov't begins regular jamming of American radio stations, according to Congressional and broadcasting officials.

In exchange for a pledge by the National Association of Broadcasters to relax its vigorous opposition to Radio Marti, a proposed Administration propaganda voice beaming from Florida, broadcasting officials were assured of a range of options. These included "surgical removal of the offending antennas" or a cutoff of communications between Havana and Cuban troops overseas...

The options, Congressional aides and broadcasting officials say, have been mentioned in several meetings with Administration officials, including Thomas O. Enders, Assistant Secretary of State for Inter-American Affairs. Participants in the meetings say no written policy was produced, but informally the options were mentioned to assure the Cuban interference would not be tolerated.

Edward Fritts, president of the National Association of Broadcasters, said he had been assured by Mr. Enders that "if you are with us, we'll help you," but Mr. Fritts would not publicly confirm that Mr. Enders had mentioned bombing as a retaliatory measure. (Tx to Steve Kamp and DXSF 31 for this...ds.)

Don Johnson (where have I heard that name before, HI!) sends word that a new publication called Tune in the World, A Listener's Guide to International Shortwave Radio is now available from Global Village Press. This book contains profiles of over sixty international SW stations, which includes schedules, pictures of personalities and facilities. Also included is a brief technical introduction especially helpful to the new listener. All in all, it sounds like an excellent book! It is available from the above publisher at: P.O. Box 1345, Jeffersonville, IN 47131-1345. Also, if you enjoy the SPEEDX UTE column, then you will want to purchase the SPEEDX Reference Guide to the Utilities (SRGU). If you have not yet ordered your SRGU, then you may r'cve price info from Don Johnson at: 17770 Strickland Ave., Elsinore, CA 92530. Quite comprehensive, the SRGU is probably the WRTH of UTE listening!

FR3 (France Regions 3) is no more. According to SPEEDXer Phillip Dampier, reception reports and correspondence to FR3 stations should now be sent to Telediffusion France (TDF), their new name. Phillip is also looking for people interested in becoming affiliates of station WDX-AM, a carrier-current station that he runs. He will provide lists of program sources, plus news on how you can begin your own carrier-current station for a mere pittance. Write Phillip at: 3176 Elmwood Ave., Rochester, NY 14618-2535.

Personal Notes From All Over: Our own CDE, Perky Peggy (who refers to herself as 'Ye Olde CDE'--now I don't believe that, do you?) wants to thank Mr. A. Nonymous for the stamps he sent her way! "I am pretty sure I know who you are & tho' it is just a bit out of context, Luke 8:17 will do..." Oh well, I don't think the smiley turned out as good as you wanted, Peggy, but I'll have to keep practicing! It would be nice if my Smith-Corona had a 'Happy Face Key,' but unfortunately, it doesn't! HI!!

And now, the only typewriter in Lutz (hope it doesn't break) presents an excerpt from DXM 1977: The Passing of Oranges and Lemons! Those of you who have been listening to the BBC in recent weeks may have noted that the station has changed its identification signal from the old English nursery-rhyme tune 'Oranges and Lemons' to a simple peeling of bells. Member Roger Peterson presumes that London has some good reason for the change...nevertheless, he feels a lot of old listeners are going to miss that famous tune...Roger first heard it in France in 1944 in the farm house of a member of the French Underground who was helping him to escape to Spain after his B-17 had been shot down...and notes that tune brought hope to thousands of Frenchmen who were waiting for the Allied invasion...

Well folks, that ends DXM for this month. Let me remind you that my popularity poll is still going on, so make sure to send in your list of favorite stations, personalities, and programs. Also, keep up those good contributions! Couldn't have a column without them. And now, I bid a fond adios!

CRACKER COUNTRY: Does the Radio Peking name change mean we now have to eat "Beijing" Duck?

CU Soon

735 David

SPEEDX REFERENCE GUIDE to the UTILITIES(SRGU)

SPEEDX, P. O. BOX E, ELSINORE, CA 92330 USA

The SRGU is being released in sections as they are completed. The sections now available are listed below. Note that the prices include an attractive 3-ring binder in blue w/SPEEDX logo on it. Measuring 7" x 9", this will hold the entire SRGU when it is completed. Future sections will be priced according to the printing and postage costs for the number of pages involved. If you are not a member of SPEEDX and wish to be informed when the next installment is released, send a SASE(or the equivalent)with your order to the above address.

Note that the binder is the major cost of your initial purchase. Future sections will cost about 2-4 dollars(in NA). Buyers overseas ONLY may purchase the SRGU w/out the binder, due to the extremely high postage costs to mail it.

BASICS

Covers the basics of receiving the UTEs. A few of the topics covered are:what is a UTE?.. ..what is to be heard?...the past....the future....international call signs....what is SSB? USB? LSB?....designators....propagation....

MORSE CODE PRIMER

Ever wonder what those strange 'dit-dah-dit's are? This primer will tell you. And, how to start listening to these stations around the world. If you are getting started in CW or even thinking about it, this section will be very helpful.

COMMERCIAL AERONAUTICAL

Includes the history....MWARA Designations w/ground stations w/in each MWARA zone.... names and alternate names for airports....Civil AERO freqs....Volmet freqs....by freq list of Civil AERO....LDOC ground stations & freqs....and much more.

SLFHB

SINGLE LETTER HIGH FREQUENCY BEACONS are covered in depth. Probably the most complete study of these mysterious CW broadcasts. Included is the history....probable broadcast sites....times of BC....freqs of BC....A 10 year effort is packed in this section.

USCG

UNITED STATES COAST GUARD section is the largest released so far(80 pages). A partial list of the coverage is:history....discription & usage of USCG aircraft, cutters and other craft....by freq list of USCG communications....by time list of Marine info BCs... ..Loran-C network....air-surface freqs....SAR....QSLing....call signs.... QTHS of most stations you will hear.

To order, send funds in US dollars to the above QTH. No personal checks outside of the USA! Use international postal money orders or bank drafts.

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BOOK RATE w/binder	\$14.00
BOOK RATE w/out binder	9.00
Airmail w/binder	21.00
Airmail w/out binder	13.00

PROGRAM

SEPTEMBER 1983

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

PANORAMA

BULGARIA...Radio Sofia broadcasts in English daily to Europe and North America. Times to North America are 0000-0100 and 0400-0500 UTC and to Europe 0730-0800, 1930-2000, 2130-2200 and 2230-2330 UTC. Feature programs are: Mon ECONOMIC OUTLOOK, SPORTS ROUNDUP; Tue LIFESTYLE, AMONG THE PEOPLE(2nd, 4th weeks), CULTURAL OUTLOOK(1st, 3rd weeks); Wed THE SOCIALIST WORLD OF TODAY, YOUTH CORNER, ACROSS THE MAP OF BULGARIA(1st, 3rd weeks), STAMP SLOT(2nd, 4th weeks); Thu MOSAIC OF FACTS ABOUT BULGARIA, MIDWEEK MAILBAG; Fri FROM FRIDAY TO FRIDAY(program about for following week), DX PROGRAM, LISTENERS CORNER(with News from the Science World, Nature Almanac, Hobby Time, Letter from Sofia); Sat TOPICAL STUDIO and POP HOUR(1st week), THE OLD TREASURE BOOK and CLASSICAL REVIEW(2nd week), TOPICAL STUDIO and BULGARIAN FOLK(3rd week), THE OLD TREASURE BOOK and SCANNING THE PAGES(4th week); Sun ANSWERING YOUR LETTERS, RADIO SOFIA MAGAZINE PROGRAM(with Walks and Talks, Sight and Sounds, in and around Sofia, Spectrum, Youth Magazine, Cultural Life). (Thanks to John McDowell, IL and William Thim, CT)

CHINA(People's Republic of)...Radio Peking has the following feature programs for September: 1--CULTURE IN CHINA(growing cooperation with foreign companies in film making); 2--THE LAND AND THE PEOPLE(a trip to Zhuang village); 3--MUSIC FROM CHINA(a look at Chinese stringed instruments); 4--LISTENERS LETTERBOX(railway system, airports); 6--TRAVEL TALK(Jinan, an ancient city in east China); 8--CHINA IN CONSTRUCTION(two major petrochemical works); 11--LISTENERS LETTERBOX(bicycles); 15--CULTURE IN CHINA(the recording industry); 18--LISTENERS LETTERBOX(the national flower, bird and animal of China); 22--CHINA IN CONSTRUCTION(harbors under construction in Guangdong Province); 23--THE LAND AND THE PEOPLE(wedding customs of the Tu people); 25--CHINA ANTHOLOGY(The Grand Canal) and LISTENERS LETTERBOX(work of a Chinese police officer); 30--PROFILE(person born in the year People's Republic was founded). (Thanks to John McDowell, IL)

DOMINICAN REPUBLIC/NETHERLANDS ANTILLES...Radio Earth has retimed its broadcast to 0200-0300 UTC Tue-Sun--still on 11700 kHz. (Direct)

ECUADOR...HCJB broadcasts HAPPINESS IS, a daily program featuring HCJB staff, visitors and in-depth topics, can be heard to North America at 1230 UTC and 0430 UTC(last time not on Mon). (Thanks to Lyle M. Taylor, SD, John Demmitt, PA and Michael Moore, TX for the HCJB info)

EGYPT...Radio Cairo broadcasts to Europe in English daily 2115-2245 UTC on 9805 kHz. Fixed items are 2117 NEWS HEADLINES, ORIENTAL MUSIC 2120 FROM THE EGYPTIAN PRESS 2130 NEWS 2140 COMMENTARY(Mon-Wed-Sun) 2241 NEWS HEADLINES, ORIENTAL MUSIC, S/OPF. Feature programs are: Mon 2125 PHARAONIC TREASURES IN WORLD MUSEUMS 2145 ARABIC SONG 2150 YOU ASK...WE ANSWER 2205 THIS IS ISLAM 2215 ARABIC POETRY 2225 FAVORITE MELODIES; Tue 2125 HERE AND THERE 2140 SPOTLIGHT ON THE MIDDLE EAST 2150 ARABIC SONG 2155 CAIRO MAGAZINE 2215 TALES AND LEGENDS 2225 GREATEST HITS; Wed 2125 QUIZ TIME(Part 1) 2145 ARABIC SONG 2150 RECEPTION REPORTS 2200 QUIZ TIME(Part 2) 2205 ABOUT ARABIC BOOKS 2215 AL AZHAR: BEACON OF ISLAMIC THOUGHT 2225 MUSIC AROUND THE WORLD; Thu 2125 THURSDAY TALK(political) 2140 EGYPT AND THE PALESTINE CAUSE 2145 ARABIC SONG 2150 MEETING IN CAIRO 2205 TOURISM IN EGYPT 2215 SCIENCE IN EGYPT 2225 OUR MUSIC...OLD AND NEW; Fri 2125 ISLAMIC PAGES 2140 POINT OF VIEW 2145 ONCE AGAIN ON AIR 2205 CAIRO CHRONICLE 2215 ISLAMIC CULTURE IN EGYPT 2225 DOWN MEMORY LANE; Sat 2125 CITY OF THE THOUSAND MINARETS 2140 EGYPTIAN PUBLIC OPINION 2150 ARABIC SONG 2155 STAMP COLLECTORS CLUB 2205 NAMES MADE FAMOUS 2215 WORLD OF THE PHAROHS 2225 CELEBRATED EGYPTIAN SINGERS; Sun 2125 SUNDAY TALK(cultural) ARABIC SONG 2150 LISTENERS MAIL 2205 THE KORAN 2215 HISTORY 2225 ALBUM.

HUNGARY...Beginning this month, Radio Budapest presents a new style topical program, which will include news, commentaries, a press review, current affairs, reports and topical events that will be aired from Mon to Fri at 1600 and 0200 UTC...Simultaneously with the start of the Topical Events program, RB will continue to air Listener Participation features at 0930, 1050, 1430, 2000 and 0100 UTC on weekdays, a repeat of the previous day's program on Sat at 0930 and 1430; also on Sat, the Listener Participation program can be heard at 1600, 2000, 0700 and 0200 UTC; and on Sun, tune in at 0930, 1600, 2000 and 0200 UTC. RB will continue to present SPORTS PANORAMA on Mon, with STAGE AND SCREEN, BOOKS AND MAGAZINES and MOBILISATION AGAINST APARTHEID as integral parts of the program schedule. Some of the Listener Participation features are TABLED FOR DEBATE, WHAT YOU SAY, CALLING DXERS AND RADIO AMATEURS, TEN IS THE TOP, MASTERS AND THEIR MUSIC, POP INN, GUEST SPOTS, RAPID REQUESTS. (Betsy Robinson, TN; Larry Talbot, WI; Morris Pfeffer, NY)

MONACO...Trans World Radio, Monte Carlo broadcasts in English beginning at 0725 UTC daily on 7160 kHz. REVIVE YOUR HEARTS is heard daily at 0725, followed by BACK TO THE BIBLE on Mon-Fri at 0730; on Sat you can hear THE SACRED PAGE at 0730, while Sun features A VISIT WITH MRS. G at that time, followed by JANZ TEAM at 0745. At 0800 UTC, the frequency switches to 9493--where we'll pick up next month. (Thanks to Dirk Zimmermann of West Germany and Chris Stark of NB for this sked)

NETHERLANDS...Radio Netherlands has issued their new program schedule. The folder is in all languages broadcast by RN rather than the specially printed schedules for each language. English feature programs include: Mon THE MONDAY REPORT; Tue TALKING TO (interview); Wed THE WEDNESDAY REPORT; Thu MEDIA NETWORK; Fri THE FRIDAY REPORT; Sat SHORTWAVE FEEDBACK; Sun HAPPY STATION. Free copies of the schedule are available /from RN.(Direct)

SPAIN...Sat English lineup for Radio Exterior de Espana: SPAIN AND ITS MUSIC, PRESS REVIEW, NEWS, SPORTS ROUNDUP, GETTING TO KNOW SPAIN; Sun features SPECIAL FEATURE, RADIO CLUB, HIGHLIGHTS OF THE WEEK, NEWS, SPORTS ROUNDUP, DX PROGRAM. English is broadcast to North America in one-hour transmissions beginning at 0000, 0100 and 0530 UTC on 9630 and 11880 kHz. (Thanks to Betsy Robinson, TN)

UNITED ARAB EMIRATES...UAE Radio in Dubai broadcasts in English at 0330, 0530, 1015 and 1615 UTC. Programs include a frequent MAILBAG feature, as well as programs on Arab history, culture and arts. A NEWS BULLETIN is also featured during the half-hour broadcast. (Fred Johnson, IL; Thomas McKeon, IN; John Demmitt, PA)

ANARC '83...The Untold Story

Last month you read a report by John Trautschold on the 1983 ANARC Convention, held July 15-17 in Rosslyn, VA. Here are some random observations on happenings during the weekend: Friday afternoon featured equipment exhibits and displays from clubs and stations. A wine and cheese reception on Friday night gave conventioners the opportunity to meet one another..... Saturday's seminars were well-attended--in fact, the first one featured an overcrowded room with no microphone system. When RCI's Ian McFarland asked if those in the back of the room could hear him, a voice from the audience exclaimed "What you need is a relay station!"A near riot developed near the end of Joseph Costello's talk on WRNO's shortwave history. Mr. Costello announced that he had some WRNO bumper stickers to give away at the podium. The sound of shifting chairs echoed through the convention hall, and, when the talk ended, the pandemonium which followed reminded one of an after-Christmas sale in a department store.....Sunday's HAP Auction was a wild and woolly affair. Auctioneer Sam Barto skillfully extracted over \$2,200 from those in attendance for the benefit of the Handicapped Aid Program. Pennants from shortwave stations were very popular, with some pennants drawing bids approaching \$30. Station T-shirts were also popular items. Of course, there were also RNZ cuff links, RPI cards and an ESPN frisbee. If you missed ANARC '83, you missed a good time! (WWS) CUN 30



ANARC 1983

Washington Area DX Association
(WADXA)

Association of North American
Radio Clubs

CONVENTION LOGO



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➡

E. V. "SANDY" BLAIZE
417 RIDGEWOOD DRIVE
METAIRIE LA 70001

READER RESPONSE: Many thanks to many of you who have sent in information on various bits of gear! Thanks especially to Koji Yamada of Tokyo, Japan for the information on the new SONY ICF-7600D alias ICF-2002. Price of this in Japan is ¥ 46,800. (Figure it out with the current exchange rate for the Japanese Yen.)

NEW PANASONIC RF-B600 Another direct entry digital receiver from National-Panasonic. Covers spectrum in 4 "bands": 150-420 khz., (Why not to 550 to include the maritime bands!), 520-1610 khz., 1.6110-29.9999 Mhz, and FM 76-108Mhz. (Note SW reading out in .1 mhz. increments.) Can be tuned both by direct access keypad or a rotary knob on the front of set. (Two tuning speeds) Set will band scan or scan pre-programmed memory channels. (nine memory channels available); Has combination battery condition/"S" meter. Two bandwidths of selectivity. (Unknown widths, as my Japanese is rather poor! I CAN read a little, but not much.). Apparently uses two sets of batteries; 4.5 volts for memory and 8 "D" cells for radio power as well as capable of operation from 12v. external source. Selectable SSB reception is provided for. Set measures 376(W) X 122(H) X 291 (D) (MM dimensions) 14.8" X 4.8" X 11.5" English dimensions. Weighs 11.9 lbs. or 5.4 kg. Built-in whip antenna, flip foot, and carrying handle. Maybe this might be a winner from Panasonic, who has had a few "design" problems in the past. Looks good anyway! Japanese price: ¥ 128,000.

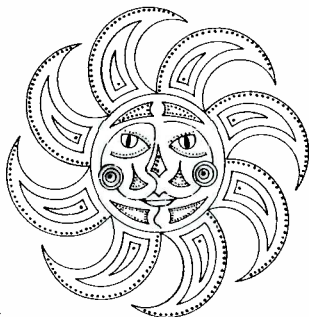
UNIVERSAL AMATEUR RADIO, INC., 1280 Aida Dr., Columbus, Ohio, 43068 has a RTTY interface capable of reception of virtually all types of commonly used RTTY transmission, **INCLUDING TOR/SITOR/AMTOR**, bit inverted Baudot, ASCII and CW modes. The INFO-TECH M-600A decoder sells for \$799.95. Requires a video monitor and can be adapted to serial printers (RS-232/CIL188 levels) or a Centronics parallel standard. Has loads of features too numerous to mention here. Particularly interesting is the "bit inversion" that is used in some enciphered transmissions that this machine is said to be capable of deciphering. For more information, write to SPEEDXER Fred Osterman, SWL Dept. at address above. Tell him you saw it in SPEEDX!

AUDIO NOTCH, BANDPASS FILTERS: Are sometimes very useful in SWL receiving applications. One use for a notch type filter, is to get rid of unwanted "hets" or whistles that are caused by the carriers of adjacent stations "beating" with each other. Bandpass or rolloff type filters can be very useful in reducing noise (which mostly resides in the higher frequency spectrum) and enhancing voice readability (with some reduction in fidelity!) Various forms have been marketed by Gilfer, MFJ, and others that will make a difference, especially in the "Utility" bands where you are sometimes greeted with a variety of QRM. (More on this, later issue.)

BASIC PROPAGATION program for Sinclair ZX-81 or TS-1000 computer is available from the Editor above. This is a menu driven program for determining the "MUF" or maximum usable frequency for a particular propagation path. All that is needed is a 16K TS-1000 computer and data transmitted by WWV at 8 mins. past the hour to determine Sunspot number, latitude/longitude of each end of the path. Printout \$2 + SASE, cassette: \$6.95 + \$1 post & packing.

CU all next month! 73,

Sandy



SPEEDX

Western Hemisphere

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Morningside, Maryland 20746

Deadline: 12th

All times and dates UTC. All fqys in kHz

SEPTEMBER 1983

Well, we had a close call this month. Last week, I was admitted to the hospital, suffering from a severe case of the stomach flu. It was a good thing it hit me now when it did, or you might not be reading this now! I'm feeling fine now, so all is back to normal.

We are beginning to see a few reports on the new Alaskan religious station, KNLS. They seem to broadcast mainly in Russian and Chinese, but some English has been reported. As one might expect, signal quality has been poor, since the transmitter is so far north, and they aren't beaming into the lower 48 states. The address is P.O.Box 473, Anchor Point, Alaska 99556.

Once again this month, we only have 7 pages to play with. Hopefully we'll get our 8th page back when the DK picks up. I got a letter from Carl Huffaker in Mexico City, advising us to keep our radios tuned to Honduran frequencies. With all the American personnel in Honduras, some stations just might start including some English programs. Sounds good to me!

Many of us W/H DKers have run across pirate stations advertising loop telephone numbers from time to time. Did you ever wonder just what those screwy loop numbers were, or how they worked? Well, check out the August 1983 issue of Popular Communications, pages 21-23. There is a fine article on phone loops you should read. Despite some negative comments by some, I think Popular Communications is a great publication, worthy of your attention. Give it a try if you haven't already.

Well, I don't have too much more to say, so I'd better stop wasting lines. So, here we go with.....

ARGENTINA

- 6060 0507 R. Nacional, excellent px of Andean mx, IDs, and into very modern orchestral mx @0519 (454 7/10 Huffaker MEX)
11710 0100 RAE, ES, biog. of Bolivar, mx, "Getting to Know Argentina", mx of Argentina (555, 7/24 Hull WA)://15345 (444 7/12 Stanley AZ)+2

BOLIVIA

- 3310 0110 R. San Miguel, OM/YL w/apparent variety px, ment of "R. San Miguel" at 0120 and 0126. Het de RPTY but strong sig otherwise (fr 7/10 Parks FL)
4945 0046 R. Illimani, px on LA revolutionists and revolutionary mx (YL), ID over chimes at 0100 (444 7/24 Huffaker MEX)
5031 0050 R. Cuarto Centenario, long tlk by OM, ID by OM at 0102 as "Radio FL) (Cuarto?) Centenario, Tupiza", ad jingles, T-stom QRN (pr 7/18 Parks

BRAZIL

- 3235 0016 R. Clube Marillia, EZL mx, w/even a few Xmas tunes thrown in! Poor sig, but got full ID at 0130. Plenty of ads (pr 8/8 Cereghin MD)
3365 0000 R. Cultura, good OM ID at 0000. Usual type of Braz pops. Better sig by 0105 re-check (pr/fr 8/8 Cereghin MD)
3375 0200 R. Nac. Sao Gabriel, Braz slo-ballads. Full OM ID at 0200, into amnts and brief local mx, plus a few ads. Het and QRN (fr 8/12 Cereghin MD)
4765 1020 R. Nac. Cruz do Sul, ID, Radiobras ID. Ad/PSA for Telebras (phone company). Tlk, sambas. Practically covered by Cuba- Mayak (322 7/30 Mahoney FL)(322 8/9 Brenesal FL)
4775 0258 A Voz de Oeste, Am and Braz EZL mx, ID w/sta jingle at 0315. Ads for Quaiba businesses. Some RPTY QRM. Noted on 5032 on 7/29 at 0020 (fr 7/7 Parks FL)
4805 0155 Rdfado Amazonas, non-stop Braz pops, TC, full ID by OM at 0200. Strong co-freq RPTY QRM (pr 7/12 Parks FL)

That's all for this page...who are you voting for in the BOD elections?

BRAZIL continued

- 4825t 0255 R. Educadora Braganca, way down in QRN w/severe lo-pitched het, splatter de Tachira. OM ment "Braganca" then Braz NA, 0300* (pr 7/20 Parks FL)
- 4905 0108 R. Relogio, usual ads w/5 time ticks, TC and ID on the minute (333 7/24 Huffaker MEX) 0935: (333 7/30 Mahoney FL)
- 4915 0217 R. Anhanguera, mx (some SS), OM/YL, ID 0224 (343 7/17 Huffaker MEX)
- 4945 0930 R. Nacional, Pto. Velho, fast Braz sambas, ID- local then ID as Radiobras and tlk on RNac Amazonia ntwk. Mixing badly w/R. Colossal (322 7/30 Mahoney FL) (Mike, I think you heard a network ID, but not a station ID. Perhaps this is really Rldif Pocos de Caldas, which has been reported recently? They've been reported carrying a national education pr. jc)
- 4985 0818 R. Brasil Central, slow Braz ballads (not the usual early morning show), OM DJ w/ads between selections (343 6/12 Huffaker MEX): 2343 (454 7/6 Besch NY) (333 7/11 Desrosiers MA)
- 5015 0425 R. Cult. Guiba, OM DJ playing Braz romantic ballads, ID at 0429, QRM de clandestine R. Truth underneath (I wouldn't mind that kind of QRM! jc) (7/12 fr/pr Parks FL)
- 5025 0158 R. Borborema, caught w/full ID by OM w/SW/MW/EM freqs, then 0200*. QRM de tent Transamazonica on 5027 (fr 7/11 Parks FL)
- 6120 0910 R. Nac de Amazonia, usual pr: mx and tons of ads for businesses in Beatriz, Maranhao (active regional sales rep!) (554 8/6 Mahoney FL)
- 9685 0908 R. Gazeta, Sao Paulo, PP/JJ, agricultural mx in PP by OM and in JJ by YL. Traditional and pop JJ mx (?? jc). P/out at 0935 (353 7/14 Mahoney FL)
- 9695 0950 R. Rio Mar, Braz ranch mx. Ads for Guarana Inagier (+ more). Zero-beat QRM de R. Japan at 0955 (NEK's Asia Svc) (333 7/26 Mahoney FL)
- 15290 0100 Radiobras, EE, OM ID, Spanish mx (444 7/10 Addison KS): 0220, EE (433 7/9 Coleman MA) (545 7/19 Robinson TN): 0258* (444 8/5 Traver CA)+4
- 15415 0340 R. Clube, Ribeirao Preto, OM. ID and TC for "zero horas, cuarenta minutos". This following a pgn of really great big band "mood" mx. 0342* in middle of a record (333 7/29 Palmer WA)
- 15445 1925 R. Nac da Amazonia, very nice Braz mx. Ads, mx abt Reagan and Central Am. Good, clear IDs (444 7/17 Hancock AL)

CHILE

- 6080t 1022 R. Patagonia Chilena, spoken pr w/2 OMs, into ad string at 1028. Fading heavily and very much hetted (222 7/8 Schlesinger TX)

COLOMBIA

- 4785 0505 Ecos del Combeima, mx, 0510 "El Secreto de Soloman" (pr of horoscopes, ads for esoteric psychologists and lecture on esoteric knowledge) (hmm...sounds plenty weird to me jc) full IDs at 0531 (444 7/11 Huffaker MEX) (323 7/26 Schlesinger TX)
- 4875 1104 LV del Norte, mixing w/Super (& some machine copy) w/ mx read by OM
- 4885 0545 Ondas del Meta, LAm mx. OM ID (occasional CW QRM) (233 7/31 Preston CA) 1000 (333 7/25 Hancock AL)
- 4945 0030 R. Colossal, Latin mx. ID (433 7/15 Langlois GA)
- 4955 0616 LV de los Centauros, lively mx, amnts over mx, several LV de los Centauros and Caracol IDs between 0628 and 0631. Frequent TCs after 0630 (343 7/10 Huffaker MEX)
- 5095 0100 R. Sutatenza, SAM mx 0100-0200. Mx pr of Latin pop mx after 0200. RI Heavy QRM de HITTY and CW UFEs (solved by FL-3 filter) (434 7/13 Card)
- 5974 1021 R. Macarena, IDs after each tune. Many TCs. Occasional freq and location amnts. 1044 into a relig svc (454 7/9 D'Angelo PA)
- 6085 1030 Ondas del Darien, clear, w/moderate QRN. Usual brand of HC mx. Good IDs at 1030 (fr 7/15 Caraghin MD)
- 6126 0853 R. Super de Cali, upbeat campo mx, hyped amnts by OM w/lots of simple "Radio Super" IDs and promos. At 0901, full ID w/freqs, meter bands, and QTH by OM, promo for upcoming 200th birthday of Simon Bolivar (quite an event for Latin America jc) and back to mx. Off-freq from 6120; good solid level, but much splash from both sides plus a medium-pitched het (422 7/11 Cunningham OH) (fr 7/23 Lobdell MA) (343 7/24 Huffaker MEX)

ECUADOR

- 3220 0410 HCJB, soft mx (LA), LV de los Andes ID at 0415 (sig tonight a good solid 4 fading up to 5. Unusual!) (444 7/11 Huffaker MEX): 0132 (222 7/27 Gilster NC)
- 3240 0159* R. Antena Libre, almost unreadable through QRN, s/off amnt and NA at 0156 (342 7/26 Huffaker MEX) (fr 7/19 Parks FL)

ECUADOR - continued

- 3280 0113 LV del Napo, mx and discussion of CA situation. ID at 0117 (7/12 Huffaker MEX): 0206, tent (pr 8/12 Geregihin MD)
- 3325 0405 Ondas Quevedanas, LM ballads, TCs and IDs at 0407 and 0414 (between two UTBs) (333 7/12 Huffaker MEX)
- 3381 0330 R. Iris, slightly stronger audie than R. Mara-3275. Latin mx, EL type, some upbeat vocals. WEPH lists freq as 3380 (but what's a kilohertz or two between friends? jc) OM amcr, fast IDs. Some atmospheric crashes to 89 (333 7/16 Desrosiers MA)
- 3395 0429* R. Zoracay, long s/off routine w/TCs and an amnt for a teachers meeting, NA (exc sig, but audio distorted on modulation peaks) (444 7/11 Huffaker MEX) (333 7/16 Desrosiers MA)
- 4792# 0445 Sistema de Enis, Atalaya, LM ballads (no andino), run by an almost inaudible OM. Noisy and burdened w/incr. CW QRM (212 7/10 Schlesinger TX): 0944 (444 7/26 Huffaker MEX)
- 4820 *0853 R. Paz y Bien, soft mx (to wake up to) into ID and NA at 0902, followed by sked of px for the day (443 7/26 Huffaker MEX)
- 4870 0255 R. Rio Amazonas, ballads, relg tlk by OM. Full ID by OM at 0301. NA, 0304*. Bursts of CW QRM (fr 7/25 Parks FL)
- 4911 0307 En. Gran Colombia, sports, ID at 0311 (including EGN ID) mx-- almost unintelligible due to bad modulation (432 7/12 Huffaker MEX)
- 5015 0306* Radiofonos Populares de Ecuador, LM mx w/lots of ads between selections. ID w/Andean mx by YL (note name which differs from previous listing) (343 7/26 Huffaker MEX): 0150*, Moyabamba on freq (gd 7/11 Parks FL)
- 5025# 0310 R. Splendit, ballads, huaynos, patriotic mx in honor of Simon Bolivar. ID amcr. ID was not given "R. Splendit" but QTH given as Cuenca, so presume some kind of network feed. Heavy QRM de het at 0330 (fr/gd 7/25 Parks FL)
- 5050 1003 Jesus del Gran Poder, relg mx (Jesus del Gran Poder), ID and NA at 1006, Biblical reading w/mx (444 7/26 Huffaker MEX)
- 6095 0530 HQJB, EE, OM mx; "reflections" on past weeks mx; relg message; ID and mail address at 0545 (some het) (434 7/31 Preston CA) (Krist VA) +2
- 9745 0240 HQJB, EE, "Unshackled" (333 7/27 Jones TX): 0730 (Keenan CA) (Bingham MA)
- 15115 1311 HQJB, EE, "Bible For You", "Morning in the Mountains". Songs and mx, item on what one values in life (353 7/26 Krist VA) +1
- 15155 0230 HQJB, EE, DKPL (555, 7/19 Hill SC): *0030 (343 6/30 Cox CA) (McDowell IL)
- 15250 0030 HQJB, EE, "Thru the Bible", "Back to the Bible" (454 8/4 McCants AL) +1
- 17885 2230 HQJB, EE, DKPL, quiz on IS of stations, sponsored by SPEEIK (444 7/23 Lenglois GA)
- 17890 1427 HQJB, EE, "Box 691" (444 7/10 Fisher ??) (Ryeder FL) (Bingham MA)

FALKLAND ISLANDS

- 3958 1112 FLBS, EE, EBG mx, FLBS ID, 7:19 AM TC-- Charlie's day off. I seem to have a 50% chance of hearing them if I stay up this late (333 7/23 Lucas CA): 1000, (222 8/8 Scheel IA): ARO QRM, 1011 (222 7/8 Schlesinger TX)

SPEEIKGRAM reports FLBS on 2380, ex-2370, from 2030-0230 (BECMS)

GALAPAGOS ISLANDS

- 4810 0224* LV de Galapagos, long relg s/off amnt and NA (433 7/26 Huffaker MEX)

GUIANA French

- 5055# 0905 FR3, FF, mx and amnts by OM. Heard no def ID, tho probably them (323 7/29 Getzel NY)

GUYANA

- 5950 0840 GEC, EE, TC, mx by group "Morningstar", ID by OM "GEC", "This is the Guyana Broadcasting Corp. Channel 3" (433 7/29 Getzel NY)

PARAGUAY

- 9735 *0958 R. Mac de Paraguay, lots of Latin pop mx. Plenty ID. DW QRM at *1055 (555 7/15 Card RI) (222 8/9 Brenesal FL)

PERU

- 4755 0909 R. Hinta-?--, huaynos, TCs and IDs every 5 min. (I hear the ID as "de Peru" instead of "dos mil", but w/the QRM, I can't be sure) (343 7/24 Huffaker MEX)
- 4762 0455 R. Inca de Peru, full ID at 0500, gave studio location as "???" 2469, Lima, Peru" (343 7/9 Huffaker MEX)
- 4790 0200 R. Atlantida, lots of tlk I can't understand, positive ID at 0202 (343 7/18 Card RI)
- 4825 0107 LV de la Selva, px of "Musica Joven" (not pops, but LA ballads) (you would think that those young people would go for the pops over the ballads..jc) ID at 0130 w/TC (333 7/9 Huffaker MEX)

more...PERU...

- 4854 0219 R. Pampas, two OM w/long discussion, politics or current events, several mentions of R. Pampas. Full ID at 0250. Weak UTE het, finally KO'ed by R. Santa (Yemen AR7 jc) carrier around 0255 (pr/fr 7/28 Parks FL)
- 4860 0147 R. Chinchaycocha, LA soft mx, ID at 0229 (cut up by local UTEs)(343 7/11 Huffaker MEX)
- 4910ms 0325 R. Valera, just caught ID as, "Few bars of Ave Maria, then simulated CW...Este es Radio Valera, Tarapoto, OATPK", then noticas w/mention Tarapoto. Believe this is new name for R. Vision listed on 4915 in WREH (pr 7/20 Parks FL)
- 4950 0000 R. Madre de Dios, very weak and down in the mud at local sunset. LAM slo-instrumentals. Rapid-fire OM ID. No QRM, moderate QRN (vpr 8/14 Cereghin MD): 0131 (343 7/25 Huffaker MEX) 6/26 Huffaker MEX)
- 4975 0332 R. del Pacifico, relig mx, ID at 0340 (unusually good sig tonight)(444 5015 0900 R. Movabamba, typical mx: guitar, men yelling enthusiastically. Bad het. Another Sp. OM under it (423 8/9 Brenesal FL)
- 5030 0934 R. Los Andes, huaynos, OM w/TCs, IDs etc between selections, but IDing as "R. Andes" at times (444 7/24 Huffaker MEX) Huffaker MEX)
- 5045 0320 R. Rioja, lively mx, group of Rioja ads at 0325, then ballads (343 7/12 5060 0250 R. Amazonas, upbeat Latin vocals (only some of them Andean), enthused talks by OM DJ w/frequent IDs. Lots of taped promos and jingles, too. Seemed to use "A Taste of Honey" often as a musical theme. Rather weak from 0250 to 0322 time-out, but much better on recheck 0438-0503*. Some fun stuff noted at 0322: after ID by OM, for some reason played instrumentals of "Happy Birthday" and "For He's a Jolly Good Fellow"! OK..! At 0500, complete ID by OM w/call as OAX&X, choral NA, some sort of brief shout by a group of people (!), and off at 0503*. My first solid log of this one, and definitely best reception ever.(232/333 7/9 Cunningham OH)(whew!..jc)
- 6096 1110 R. Nac de Peru, political speeches on Simon Bolivar anniversary. ID at 1130, QRM de unid on 6095, some QSB by 1130 (fr 7/25 Parks FL); Carl Huffaker IDed it as "R. Nac 1080 (MW relay? jc), but also heard "R. Nac de Peru" IDs.(I guess they do relay their 1080 MW outlet, although it's listed as inactive in the WREH jc)(343 7/26 Huffaker MEX)
- 6725 0203 R. Satelite, mentions towns in Peru and Ecuador. Local mx, ID at 0220 (232 7/27 Robichaud NB)
- 9485 0957 R. Tacna (presumed) SS tlk by OM, huaynos by YL, possible ID w/mentions of Peru. Weak and out by 1005 (7/23 Lobdell MA)

VENEZUELA

- 3225 0140 R. Occidente, heavy QRN masks ads. TCs, LAM mx (222 7/27 Gilster NC)-1
- 3255 0244 LV de El Tigre, weak sig fading in and out of bkgnd, could not pull ID, ad for "Super Radio en El Tigre" at 0251 (242 7/9 Huffaker MEX)
- 3275 0129 R. Mara, lt. mx, bank ads, ID at 0133 (343 7/12 Huffaker MEX)(7/16 233 Desrosiers MA)
- 4780 0404 LV de Carabobo, on late w/a festival (during pr ancor IDed as R. America several times--(MW in Valencia)--which evidently originated pr (443 6/30 Huffaker MEX) 8/1 Gilster NC)
- 4800 0045 R. Lara, mellow vocals on a Sunday evening. TC, the usual patter (232 4830 0910 R. Tachira, OM, variety local mx, IDs (222 8/2 Hotaling NV)(333 7/25 Hancock AL): 0240 (443 7/14 Huffaker MEX)
- 4840 0759 R. Valera, ID, carrying the same all-nite pr as Rumbos and Bolivar (the Bolivar celebration)(343 7/24 Huffaker MEX)
- 4900 1020 R. Juventud, real nice mx pgm. Strauss waltzes, Sousa marches (333 7/25 Hancock AL) Desrosiers MA)
- 4970 0400 R. Rumbos, LAM mx, OM ID and tlk (344 7/30 Preston CA)(343 7/10 9620 0100 Rif Nac de Venezuela, YL/OM, Latin mx, ID (444 6/22 Langlois GA)
- 9660 0418 R. Rumbos, OM amcr, IDs, LAM vocals (444 7/22 Thompson CA)

UNIDENTIFIED

- 3260 0215 UNID, too strong for the only Latin listed here, LV del Rio Carrizal, Ecuador, at a measly 250 watts, unless they've increased power. Soccer match, OM amcr, but no ID. Maybe even a new station? (pr 8/12 Cereghin MD)
- 6050 0030 UNID, retry to ID bc of 7/26 at 0100 GMT, 2 OM in debate, long praises, sounds taped. Hiss in background, read list of names. R. National?? Could be HCJB but prog. does sound like their to 0145 GMT. No ID hrd (of course, the best way to ID HCJB is to listen for their 'V' time signal at the top of the hour jc)--oops! both logs were in SS! jc (444 7/27 Desrosiers MA)

NORTH AND CENTRAL AMERICA, PLUS THE ISLANDS.....

ALASKA - remember, Alaska is a separate radio country!
 11820 0930 KNLS, NEW STATION, EE/RR, played mostly instrumental mx, nice, easy-to-listen to mx. At 1000 and 1130 they had a half-hour px in RR (religious). Full EE ID was hrd at 1030. They gave the mail address as KNLS P.O. Box 473, Anchor Point, AK 99556. ID in RR by YL and (or) OM was hrd at 0958, 1031, and 1127. They play Glen Millers old song "In The Mood" during or right after the ID. At 1158 closed off 11820 and went to 9680. 11820 had a fair-to-poor sig w/some QRM from TWR when they S/O at 1115 on 11815. 9690 was very weak here in MA, but prehaps in the west and midwest (and north jc) it might be easier copy (Welch MA) *0900, "Chariots of Fire" theme till 0900:30. EE ID: "Radio Station KNLS...begins its broadcast day. Station KNLS is owned and operated by...According to the Federal Communications Commission, KNLS broadcasts with a power of 100,000 watts shortwave from Anchor Point, Alaska, United States of America." (232 7/27 Cunningham OH): 0911 "Americanski Musika" px in RR (343 8/1 Lucas CA):1132, New Life Station slogan, RR/EE, TWR/Bonaire splatter (fr 7/26 Parks FL)(Well, some good reports. This one will be tough here on the East Coast, but Westerners should fare better, as should Canadians. The best time to look would be when the A-Index drops, and you can tell when that happens by listening to WWV propagation forecasts at H+18 minutes. I have yet to hear them around 1800 or so, but I have yet to try around 1000. jc)

ANTIGUA (CA)
 6040 *0100 WV Relay, EE, OM s/on, wld mx to 0108, "Mic. on Bur."(453 7/30 Thompson)
 6175 0015 HBC Relay, EE, "Radio Newsreel"(454 7/20 Desrosiers MA)(Traver CA)
 9735m *1055 WV Relay, SS, ID. This station is one big source of QRM for ZPA1, RNac de Paraguay (but let's be fair...RNac is a big source of QRM for W, too! hi! jc)(555, 7/15 Card RI)
 15105 2358 WV Relay, SS, OM, popular mx. Nx at 0000, ment Cuba (444 8/4 Traver CA)

BERLIZE
 3285 0400 R. Belize, EE, end of oprea pgm, then US country music (yeah! jc). 0500*, prayer, NA? QSq, tech info (434 8/8 Scheel IA)

CANADA
 5960 0133 BCL, EE, World Council of Churches meeting in Vancouver, mx, first segment of "As It Happens" (454 8/3 Bingham MA)
 6005 1925 CFCK, Montreal, EE, Expos vs Mets baseball, ad for HFC, tourism in Canada, McDonalds. ID as CFCK (444 8/4 Bingham MA)
 6070 0335 CFRB(X) Toronto, EE, "Music to Midnight" (333 7/9 Fisher WI)+2
 6120 2252 HBC Relay, EE, "Sports Roundup", world mx, cmnty on Brazil's economic problems (454 7/10 Krist VA) 8/3 Bingham MA) +1
 6130 0420 CHNK, Halifax, EE, baseball scores, ID, song, "Dust in the Wind" (444
 6160 1010 CKZN, St. John's, EE, world CBC mx, local mx, wx, "This is CBC radio in Newfoundland" (323 7/29 Getzel NY)
 6195 0400 CBNOQSE, EE, wld mx, wx, OM w/mx pgm (444 7/9 Fisher WI)
 9590 2345 HBC Relay, EE, "Meridian", exhibits of paintings (554 7/14 Fraser MA)
 9735 0100 RCL, EE, "Mailbag"(444 7/11 Langlois GA)(444 8/1 English TX)+2
 9760 0600 RCL, EE/FF, 2 OM alternating FF and EE mx every 15 min. QRM from B. Japan on same freq (433 8/5 Traver CA)
 9790 2132 RCL, FF, mx, info on Africa (344 7/30 Manning TX)
 11720 1715 CBNOQSE, Bakimo, OM mx, //9625 (453 7/15 Fraser MA)
 11945 *2129 RCL, EE, mx, wx, sr, "Spectrum", African Svc, 2158*(444 7/11 Krist VA)
 11960 0645 RCL, EE, mx (544 7/4 Timofeev FRG)
 15260 1601 HBC Relay, EE, mx, America supplying Chad and South African border controls. Ger composer Geo. Vaagner (433 7/25 English TX)

I forgot BCL-9555 in RR at 1645 by Timofeev FRG..sorry! jc
 I'm going to try something new, by moving CLANDESTINES after Canada, and PIRATES after Nicaragua. Clandestines will include politically-motivated stations, while Pirates will include hobby pirates. After all, it makes sense to put them in alphabetical order, and separate the two types of stations, in my opinion. Let me know what you think. jc

CLANDESTINES
 6220 0027 LV de Sandino, SS/EE, revolutionary pgm, marches, lots of loud tlk, parts of pgm were taped. Ever so often sounded "Mickey Mouse" tape (how typical jc). Gun fire, revelery then a chorus of revolutionary tunes, then EE- "We are into this war forever" Tlk abt USA and elections, then back to SS. Off suddenly off at 1156. Interesting listening! (332 7/12 Desrosiers MA)

CLANDESTINES...continued

- 6650 0230 R. Venceremos, SS, ID at 0248, usual oratory by OM/YL w/inspiring mx in background. Note- 6650 at 0230, at 0242 jumped to 6675- at 0246, back to 6650 (232 7/5 Jones TX)
- 6686a 0044 R. Guazaua, SS, OM/YL w/slogans, revolutionary songs, ment R. Venceremos, FMLN and R. Farabundo Marti but s/off ID (0055*) as "LV de Cuscatlan, R. Guazaua" (gd 7/20 Parks FL)
- 6900 0256 R. Quince de Septiembre, SS, much revolutionary tlk. Various ments of Nicaragua. Marching mx. Occasional IDs. Tuned out w/unrelenting revolutionary thumping away. //7000 better modulation but more CW and fades (232 7/13 D'Angelo PA)
- 6930 0110 R. Farabundo Marti, SS, tlks on El Salvador/Nicaragua, LAM mx, YL ID, intermittent CW QRM. 0145* (433+ 7/11 Pamularo NJ)(7/18 Jones TX)
- 7350 1155 LV de CID, SS, OM/YL, comedy skit re: Castro w/audience (Fidel is good material to work with! jc) mx (353 7/2 Hesch NY)
- CUBA yeah, I misplaced Cuba again! Costa Rica follows! #1!%*+!
- 4740 1140 Mayak Relay, RR, oprea pgm, //4765, but only half the sig strenght of 4765. More fading. Almost out by 1230 (252 8/1 Mahoney FL)
- 4765 0320 Mayak Relay, RR, musical play- modern- like a Broadway play. Nice mx (333 8/5 Traver CA)
- 11760 1500 RHC, EE, OM ID, native mx (333 7/24 Addison KS)(433 7/27 Lieu CA) (L)
- 11840 1100 R. Moscow Relay, EE, ID, headlines, News and Views (444 7/26 McDowell)
- 11925 0408 RHC, EE, wld mx, marxist slant focussing on Central and South America (333 7/20 Lord CA)
- 11930 0315 RHC, EE, mx (7/29 Platelli CA)(343 7/2 Cox CA)(433 7/29 Krist VA)
- 15230 2358 RHC, ID at 2358, followed by time and freq info (344 7/6 Jones TX)
- 17690 1539 RHC, mx pgm w/mx abt Latin America (344 7/30 Manning TX)
- COSTA RICA out of order...rats!
- 4832 0610 OM, pop- not Latin- mx (222 8/5 Traver CA)(433 7/6 Hancock AL)R. Reloj!
- 5055 0352 Faro del Caribe, EE, relig pgm, ID, mx (423 7/31 Manning TX)
- 6005 1028 R. Reloj, OM, mx, Latin mx (545 8/8 Scheel IA)(not 6006? jc)
- 6150 0500 R. Impacto, OM ID "Este es R. Impacto!" LAM pop and rock mx. Very good sig (7/17 Fisher MA)(Hesch NY)(Schlesinger TX)(Cox CA)(Preston CA)+4
- DOMINICAN REPUBLIC
- 11700 0445 R. Garin, YL singing w/LAM orchestra (423 7/20 Lord CA)(Johnson IL)+4
- 11700 0030 LV del CID, political tlk (353 7/23 Fernando NY)(D'Angelo PA)
- 11700 *0200 R. Berth (note new time jc) EE, Rudy Espinal w/mx from DR, then Curacao tape (333 7/27 Huffaker MEK)(444 7/23 McKeon IN)+4
- GRENADA
- 15045 2336 RFC, EE, Calypso mx (334 7/23 McKeon IN)(Stanley AZ)(Palmer WA)+4
- GUATAMALA
- 3325 0324 R. Mava de Barillas, elaborate s/off routine, 5 min prayer, full formal ID, then 3 min Padre Nuestro (OM) 0334* (343 6/12 Huffaker MEK)
- 4835 1210 R. Tezulutlan, sermon abt a man named Juan who travelled by car and plane between Peru and Guatemala- strange! (next time, try the train! jc)(433 8/1 Mahoney FL)(434 7/17 Huffaker MEK)
- HONDURAS
- 3250 0335 R. Luz y Vida, relig tlk (w/political slant at 0255) full ID at 0401 (freq checked at 3250 tonight)(343 7/12 Huffaker MEK)
- 4820 0323 HRVC, EE, Billy Graham relig pgm ending. YL ID at 0324 w/ next pgm beginning at 0325 (444 8/8 Scheel IA)
- 4920re 0132 R. Progreso, ad string, Honduras noticas w/mx btwn items, LAM mx w/ "Esta es la hora, R. Progreso" TCS btwn records, full ID, 0206*. Het de R. Quito, Ecuador (fr 7/20 Parks FL)(433 7/6 Huffaker MEK)
- MEXICO
- 6105 2255 Su Fantera, pops mx, ID and Brandy Presidente ad at 2300. This time of day, at least, IDs as "QM" (XEQM)(343 7/10 Huffaker MEK)
- 9705 2240 R. Mexico Int'l, OM/YL w/pk of Mexican ranchera mx. ID by YL at 2245. QR, de unid sta underneath (fr 7/4 Parks FL)(444 7/6 Jones TX)
- 14896v 0116 LV de America Latina, XEW, px of noticias and deportes w/OM and occasionally YL anc, many many ads and jingles throughout. Frequent mentions of Mexico and towns therein. At 0130, apparent slogan ID by OM as "LV de las Noticias, XEW". Then into even more noticias. Never heard a "Voz de America Latina" ID myself, but got the call sign, plus good friend Thad Adamaszek got "real" ID from this one the night before. Exc level, but horrendous modulation problems made for nearly nil intelligability. Also suffered wild fluctuations in signal (cont)

MEXICO...cont

level from minute to minute. Likely their 15160 transmitter with serious problems. Noted often (444 bad mod 7/28+ Cunningham OH)

NETHERLAND ANTILLES no room for detailed listings. The following were reported...
 RN, 6165, *0230 EE by Krist and Gunter. RN 9590 0230 EE by Gammie. RN 9715 EE *0530 by Cox and Lord. RN 9770 0734 EE by Thompson and McKeon, in DD at 0850 by Scheel. RN 17605 2050 in EE by Lieu.

NICARAGUA
 5950 0100 LV de Nicaragua, EE, mx via Tass. re: Casey's so-called secret trip. Buzz on signal (543 7/8 Hancock AL)(Gunter NG)(Johnson IL)+6
 11715 1110 LVDN, political cmty. Marimba mx at 1122. ID (444 7/29 Jones TX)


PIRATES
 6230 0459 VODemocracy, Flang, "Episode #4 of VOD"- amsr interrupts music to speak in a language I don't know, but I tape all of it I can. YL speaks at 0507/jingle mx played next at 0505. Mx ends- sounds like a dead carrier. Nothing heard till 0525 when I give up till another night (333 7/30 Leonard ME)(also heard 7/29 on 6240 at 1105 in EE, by Leonard ME)
 7425 0331* Crystal Ship, EE, rock mx. IDs as "Crystal Ship on 7425 khz in 41-meter band". 0326 played preacher's comments condemning rock n' roll. 0327 ID and ask for phone calls to (301)840-9948 (that's a Maryland number, but I don't know for what city that exchange is for jo). Had YL ID and CM w/freedom of speech ID/pitch. Original ID came back but no calls. 0331* w/73's and fight for free radio (232 7/17 D'Angelo PA)
 7430 0207 VODemocracy, EE, tonight's question- freedom or not freedom. Several Billy Joel songs. Derogatory statements about contents of R. Moscow bo. QTH: P. O. Box 962, Battle Creek MI 49016 (322 7/19 Thom CT)
 7430 0357 R. Highlander, EE, Scottish instrumental mx until CM ID as "This is R. Highlander" That was it. Sig/carrier gone/cut. (353 7/4 D'Angelo PA)
 7440 0330 VOCommunism, (oh good grief..what next? jo)EE, flute mx, 2 CM, "we'll take your calls if you want Communism" (let's hope no one called jo) IDs- "broadcasted by satellite" for "Negroid" population. African song (I agree with you completely disgusting jo)(212 7/26 McKeon IN)

UNITED STATES reports shortened to make sure I get everything in


5995 0405 VOA, EE (8/3 222 Bingham MA)
 6030 1046 AFRIS, EE (555 8/8 Scheel IA)(454 8/4 Bingham MA)
 6165 0430 WRNO, EE (544 7/16 Hancock AL)(555 7/23 McKeon IN)
 9530 0900 VOA, EE, (454 6/30 Keenan CA)
 9535 1730 WYPR EE (454 8/3 McCants AL)
 9575 1600 VOA EE (555 6/7 -too old!! jo- Keenan CA)
 9615 0920 KEEL SS (454 7/11 Schlesinger TX)
 9650 0050 VOA EE (453 7/23 Fraser MA)
 9705 0221 WRNO EE (444 7/17 Krist VA)(555 7/27 McKeon IN)
 11710 2115 VOA HR (333 7/20 Timofeev PK)
 11855 2130 WRNO EE (454 8/2 Bingham MA)
 11925 1930 WYPR EE (455 7/23 Langlois GA)
 15145 0215 WINB EE (443 7/29 Bradley MA)
 15410 1835 VOA EE (333 7/21 Addison KS)
 15430t 1316 AFRIS EE (434 7/19 Leonard ME)
 17640 0019 VOA EE (353 7/23 Krist VA)
 17730 0000 VOA EE (454 7/30 Krist VA)(223 7/12 Addison- WINB at 1705)
 17765 0046 AFRIS EE (333 7/22 Ryeder FL)
 21570 0335 AFRIS EE (244 7/27 Lieu CA)
 21615 2020 WYPR EE (354 7/27 Lieu CA)
 21840 1342 VOA EE (333 7/19 Leonard ME)
 26040 1720 VOA EE (254 7/10 Desrosiers MA)

WHEN! I'm finally done, 3 days and 295 logs later. Thanks to 58 loyal reporters. The next few weeks are going to be really busy ones for me. Let's see, I'll be in Defiance, Ohio August 20-23, then I'll be moving down to Washington on Aug. 26. My first day of classes at Univ. of MD are Aug. 31. Wish me luck! By the way, how many of you own Atari 800 computers, like me? If you have any SWL/IK programs, I'd love to hear about it. Gee, I still have some filler space left...I logged my 400th station last week. It was R. Senegal. I was hoping it would be KNLS, but I'm not picky. A quick rundown of my equipment includes a IX-302 (my main rig), a IX-160, and a GE World Monitor II. My antennae include a CB quarter-wave vertical, and a 40-meter longwire. How many of you TV IK? I do from time to time. My best catch was a Cuban on Channel 5, mixing with WING, Washington. I couldn't identify it further, but it was Cuban. How 'bout that! Hey, now I'm out of room! So, remember my new address, and see you in 30!

73's John Graylin WOX3IAO



SWBC - EUROPE



EDITOR: MARK KOUKOL
 Send your logs for October to:
 SPEEDX
 P.O. Box 861
 Menomonee Falls, WI
 53051

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

Six pages this month instead of the usual five, so let's get right to the loggings! (Note: Mark is taking over AFRICA starting in October. We are looking for an editor for Europe...if you are interested, please write to above address. JRT)

ALBANIA Radio Tirana

- 5020 *0257 RT Gjirocaster; anthem & into Albanian s/on w/ID followed by tlk by OM/YL, //5057(not as strong), 343(7/17 D'Angelo-PA) @0320 w/Arabic-sounding mx, ID by YL @0329?, much better than //5057, 433(7/15 Hancock-AL)
- 7065 *0000 RT; EE YL ID, "Nx about Albania", rpt on 5 yr plan, cmtry on military maneuvers in Pacific, 444(7/27 Krist-VA)
- 7120 0132 RT; pgm on how Albanian cows are better than other cows!, 444(7/24 Dampier-NY) @0230 EE w/IS, ID, YL nx, features on Alb. lang & nuke arms, CW QRM, 433(7/13 Stanley-AZ)
- 7300 0330 RT; EE nx, then pgm on tourist's views of Albania--all say it's wonderful & none were American, 545(7/28 McKeon-IN)
- 9480 2200 RT; EE w/nx & usual cmtry, 212(7/22 McKeon-IN)
- 9500 0630 RT; EE w/nx, tlk on Alb. army & song abt same, tlk on Euro missiles, 433(7/9 Timofeev-FRG) 212(7/29 McKeon-IN)
- 9750 0130 RT; EE, ID @0135 & story abt efforts to increase trade btwn U.K. & China, 444(7/29 Stiner-NY)
- 9790 0200 RT; Alb. w/tlk first 35 min., all mx last 20-25 w/Alb. folk songs, easily hrd nitely & gud mx, 555(7/14 McKeon-IN)

AUSTRIA Osterreichischer Rundfunk

- 5945 2130 ORF; EE w/nx, items on Bruno Kreitsky, request for letters, 333(7/20 Timofeev-FRG) *0128-0154* in EE w/nx & various features, //9770, 333-545(7/2-8/3, 10 rptrs) @0330 in EE w/nx & tlk on Autobahn travel, 444(7/3 Klosowski-FL)
- 9770 *0129 ORF; EE w/"Austria Calling" & "Report from Austria", cmtry on Salzburg festival as being frivolous, 0155*, 433(7/30 Krist-VA) tlk on Jehovah's Witnesses conference in Vienna, 333(7/29 Stiner-NY)
- 11665 0434 ORF; EE w/nx & tlk on Salzburg festival & Eisenstadt Music Seminar, 323(7/30 Preston-CA) *0459 in GG w/IDs in several langs, into OM nx in GG, 444(7/9 Brewer-AR)
- 15165 *0430 ORF; EE s/on w/nx, report on Croats in Aus. w/Croat folk songs, clear to 0457*, 444(7/22 Stanley-AZ)
- 15275 *1230 ORF; Report from Austria, to ENA, 333(8/6 Zilmer-NM) 343 (7/29 Spremo-NY)

BELGIUM Belgische Radio en Televisie

- 6225 2135 BRT; EE w/listener's ltrs, mx, 2145*, 444(7/23 Timofeev-FRG)
- 9880 *0030 BRT; EE "Brussels Calling" w/nx & features to 0112*, 333-555(7/1-8/3 9 rptrs)
- 9900 0320 BRT; xylophone IS, YL w/opening in FF @0327, anthem, OM nx in FF, new freq?, 322(8/1 Palmer-WA)
- 17610 *1400 BRT; EE w/tlk on Belgian National Day, 555(7/22 Robinson-TN) tlk on wx problems, fish recipe, 1442*, 454(7/26 Krist-VA) 353(8/1 Spremo-NY)

BULGARIA Radio Sofia

- 9700 *2230 RS; EE w/ID, nx, cmtry on US VP's Euro tour, 444(7/10 Krist-VA) @2300 w/DX pgm, sunspot rpt & ARO DX tips(I doubt if most SWL's are interested in ARO tips, RS!-MK), 444(?/ Jones-VA) *0000 in EE w/nx, item on testing cruise missiles in Canada, 444(7/27 McDowell-IL) 554(7/9 Fraser-MA)
- 11750 0040 R. Moscow via Plodiv(UHN-MK); EE rpt on education & health in USSR, 454(7/23 Fraser-MA)
- 15135 2132 RS; EE ID & nx, YL ID @2141, brief mx, into YL/OM cmtry on Helsinki Accord & Euronukes, 332(8/1 Lucas-CA)

CZECHOSLOVAKIA Radio Prague

6055 0002 RP; EE w/nice selection of class. baroque guitar mx, ID at 0024, 544(7/22 Lipman-NJ)
 7345 0230 RP; EE IS/ID/nx, cmtry on Mid East, mx for tape recorder, hvy QRN, 442(7/14 Stanley-AZ) @0313 w/EE nx or cmtry, bad flutter, 242(8/8 Scheel-IA)
 11950 0309 RP; EE OM cmtry, folk mx, cmtry on disarmament, 322(7/16 Swinn-CA) 343(7/4 Jones-TX)
 11990 *0100 RP; EE nx & cmtry, mailbag, 434(7/13 Stanley-AZ) 444(7/17 Krist-VA) 433(7/23 Bingham-MA) @0111 w/cmtry on how bad imperialism, capitalists, & human rights are in terrible USA --scary stuff, but why do people immigrate here?(maybe we're all masochists & don't know it, hi-MK), 433(7/28 Johnson-IL)

FINLAND Radio Finland

17800 1215 RF; EE YL w/nx on King Olaf's birthday, 444(7/4 Stiner-NY) IS to 1230, EE to NA, YL gave freqs as 15400 & 17800 only, 333(7/3 Talbot-WI) @1402 in EE w/trlk on most famous Finnish imitators, sked, 454(7/25 Bingham-MA)

FRANCE Radio International

3965 0030 RFI; FF w/song "Comme d'Habitude", 353(7/3 Robichaud-NB)
 6140 0000 RFI; FF w/nx, incl. worry on developments in Chad, 444(7/21 Stiner-NY)
 7135 0414 RFI; EE w/ID & world nx, //15155-9745-11735-11875 but not hrd, ARO QRM, 322(8/2 Johnson-IL) EE w/Afr. & world nx, bad CW QRM, 222(7/30 Preston-CA)
 11735 0451 RFI; EE YL w/Afr. nx, OM w/sked, ID @0455 w/invite to tune in @1600, QRM de Moscow co-channel, 322(7/11 Lucas-CA) 222(7/7 Gammie-MI)
 15200 0604 RFI; FF YL w/popular mx & tlk, 343(8/4 Traver-CA)
 15300 1600 RFI; EE w/ID in FF/EE/PP, concertina mx then PCA w/nx pgm, //15315(322), 444(7/31 Coleman-MA) FF @0642(8/4 Traver-CA)
 17620 *1600 RFI; EE "Paris Calling Africa" to 1655*, 242-454(7/22-8/4 6 rpters)
 17795 1631 RFI; EE w/OM/YL, nx on Arab League warning US re Libya, 333(8/4 Traver-CA)
 21620 1615 RFI; EE w/"Your Questions Answered", 344(7/12 Hancock-AL)

GERMAN DEMOCRATIC REP. Radio Berlin International

6040 *0000 RBI; SS w/ID, nx by YL, 444(7/20 Desrosiers-MA)
 9560 *0230 RBI; EE w/nx by YL, OM cmtry, tlk on Christians & churches in GDR, 443(7/16 Stanley-AZ) //11970, 9730(7/22 Stiner-NY) @0308 w/"Science & Tech. Kaleidoscope", 0309*, said 0230-0310 was to WCNA, no QRM, 555(8/1 Palmer-WA)
 9620 *2030 RBI; EE w/nx, cmtry on RSA, "DX Pgm for Europe", QRM de CBC on 9625, 333(7/18 Krist-VA)
 9730 *2315 RBI; EE w/rpt on US & Nic., 200th birthday of Simon Bolivar, //11975(also 353), 353(7/19 Fraser-MA) to 2357*, QRM de DW 9735, 433(7/11 Krist-VA)(Spremo-NY) @0000 in EE w/nx, 222(8/5 Zilmer-NM) 444(7/11 Hancock-AL) EE 0130-0215, heavy QRM de Swiss Radio Int., 412(7/27 Stiner-NY)
 11975 *2315 RBI; EE w/ID & nx, 2357*, 433(7/18 Krist-VA)(7/5 Stiner-NY) EE *0000-0040*, 433(7/17 Krist-VA) EE 0130-0215, nx on exhibition of joint space mission btwn USSR/GDR cosmonauts, 444(7/29 Stiner-NY)(7/21 McDowell-IL) 333(7/27 Stone-ON)
 15100 0448 RBI; GG, "RBI" ID @0450, OM tlk on Japan nuclear bombing of Ww2, 433(8/4 Traver-CA)
 21465 1230 RBI; EE w/YL nx, demonstrations abt nuke arms buildup, 333(7/3 Stiner-NY)
 21540 0841 RBI; EE w/IS, ID by OM, tlk abt holiday, "Thank You for Writing" pgm, 353(7/10 Kosugida-Japan)

GERMAN FEDERAL REP. Deutsche Welle, Radio Free Europe

6085 0120 DW; EE w/press review & story on Margaret Thatcher, 555(7/15 Stiner-NY)
 6145 *0100 DW; EE w/nx, cmtry on Euronukes, 333(7/18 Stanley-AZ)
 9505 0230 RFE; ID as "R. Svobodna Europa", unk lang, sig very poor by 0240, 232(7/12 Jones-TX)
 9565 *0100 DW; EE w/nx, Sunday cmtry on tourist attraction near Bonn, "Famous German Composers", QRN, 443(7/17 Stanley-AZ)
 15150 1955 DW; EE OM tlk of birthdays, ID de VOG correspondent, cmtry,

11905 *0500 het from 15149, 222(7/5 Lucas-CA)
DW; EE w/nx, mx, "Microphone on Europe", //11705 & 9545,
343(8/2 Taylor-SD) 423(7/29 Preston-CA)
17765 1233 DW; EE w/Afr. nx, contest ancmt, interview w/Greenpeace
member, 444v(7/12 Famularo-NJ)

GREECE Voice of Greece

9420 *0130 VOG; EE w/IS, OM w/nx, ID 0140, mx, into GK @0145, //9865 &
11645, 443(7/17 Stanley-AZ) GK 0245 w/vocal mx, ID @0300,
454(7/12 Jones-TX) @0345 EE w/YL nx, sound quality resem-
bles SSB, 333(7/26 Lieu-CA)
9865 0140 VOG; EE w/nx on Orly bombing, 443(7/15 Stiner-NY) @0336 EE
w/GK mx, ID, nx in EE, 444(7/28 Hill-SC)
11645 0120 VOG; GK w/tlk, class. mx, harp IS & GK ID, into EE @0130,
333(7/28 Hotaling-NY)(7/26 Swinn-CA)(7/1 Addison-KS) @0330
w/EE to 0350, strong sig., 454(7/22 Stanley-AZ)
17565 1235 VOG; EE nx during GK pgm to 1244, 242(8/5 Zilmer-NM)

HUNGARY Radio Budapest

12000 *0100 RB; EE w/"Int. Nx Room", "Calling DXers", 0127*, 444(7/30
Krist-VA) @0117 w/ID & mailbag pgm, can't remember hearing
them this good--is it possibly via RM xmtr?(I doubt it-MK),
444(7/28 Johnson-IL) *0200 EE, strong sig. w/moderate QRM,
434(7/10 Stanley-AZ) 323(7/7 McDowell-IL)
15220 *0100 RB; EE w/nx, Calling DXers, strong sig., 444(7/19 Stanley-
AZ) to 0128*, 555(7/21 Krist-VA)

IRELAND Radio Dublin International

6910 0305 RDI; EE ID "This is R. Dublin Int. bestng on AM & FM in
stereo", OM ancr w/pop mx, Elvis medley, Irish comedian
(Dave Allen by any chance?-MK), 453(7/12 Muzyka-NY) to past
0530, 222-353(7/2-7/31, 5 rpters)

ITALY RAI

9575 *0100 RAI; EE w/"This is RAI" by YL, nx read by YL who sounded
like she was dead or drunk!?(this ancr is definitely worth
listening to just for the experience; can anyone supply her
identity?-MK), mx, 0120*, QRM de BBC 9580, 433(7/11 Krist-
VA) //11800(7/11 Stanley-AZ) 444(7/10 Addison-KS)
11800 0355 RAI; EE nx on journalism symposium, 0410*, QRM de Prague,
343(7/2 Robichaud-NB)

LUXEMBOURG Radio Luxembourg

6090 0112 RL; EE w/rock mx, birthday greetings, phone calls, funny
story by DJ, IDs, 333(7/16 Blanchette-FL) +3 rpters
15350 2105 RL; FF w/heavy metal--Motorhead, Iron Maiden, etc., 333(7/
29 Spremo-NY) 0300 "All through the night" FF top 40 type
pgm w/George Lang & WRTL--I listen to this every day! 444
(7/10 Stiner-NY)

MALTA Int. Christian Radio, DW Relay

9515 2033 ICR; EE w/mx, relig. pgm, s/off, 433(7/6 Spremo-NY)
9590 *0100 DW; EE ID as "This is DW bestng from Malta", followed by OM
nx, 343(7/8 Fraser-MA) 444(7/20 Stanley-AZ) 555(7/13 Krist)
11865 0102 DW; EE nx, cmtry, tlk on circuses, 333(8/1 Manning-TX)
15105 *0100 DW; EE w/nx, cmtry on U.K. vote against death penalty, 444
(7/14 Stanley-AZ) to 0150*, 344(8/2 Taylor-SD)

NETHERLANDS Radio Nederland

11730 2030 RN; EE w/"Newsline" & "SW Feedback", 444(7/16 Fraser-MA)
17605 1445 RN; EE "You're tuned to Holland, this is RN", item on jazz
festival, 353(7/26 Krist-VA) 253(8/1 Spremo-NY)

Note: RN EE pgms to NA at 0230 and 0530 on 6165/9590 and 6165/9715 res-
pectively are via Bonaire on all freqs; pse mark such logs as "Nether-
lands Antilles" when rptng to the CDE so they will go to John Cereghin in
W/H, or send direct to John--thanks! -MK

NORWAY Radio Norway International

15205 1700 RNI; EE w/tlk on new whale gun being manufactured in Norway
(the better to slaughter intelligent beings with! Did they
sound proud?-MK), new drug laws, questions answered, 444

(7/24 Demmitt-PA)
 15255 2200 RNI; EE w/ID, nx & cmtry, story abt Norwegian benefits from \$ exchange rates vs. oil exports, 333(7/31 Stiner-NY)
 17715 1902 RNI; EE w/local nx, food pgm, "Made in Norway", increasing QSB, 333(7/17 Fisher-WI) QRM de Saudi Arabia, 443(7/17 Fraser-MA) into relig. pgm in NN @1930, 433(7/10 Hancock-AL)
 21730 1400 RNI; EE nx on law of the seas conference in Oslo, 534(7/17 Timofeev-FRG)

POLAND Radio Polonia
 7270 0100 RP; Polish w/nx, mx, usual propaganda, format similar to EE pgms, 545(7/17 Card-RI)
 11815 *0300 RP; EE IS, ID, OM nx, "Panorama" pgm, xmn faded out @0315, severe QRM, 332(7/19 Stanley-AZ)
 15120 0145 RP; Polish (for seamen-MK) w/oratorical tlk by OM w/occ. "mechanical" applause to 0154, ID 0159, 243(7/22 Jones-TX) *0200-0259* in EE w/nx, cmtry, features, 323-444(7/11-7/22, 6 rpters)

News from WBI via BBOMS: former RP PL/EE bcsts to NA are now separate as follows---0200-0300 EE 15120, 11815, 9525, 6135, 6095; 0300-0355 EE on same freqs; 1130-1225 PL 17865, 11840, 9525. In addition, two new EE xmns apparently to Europe are carried at 1730-1755 on 9540 & 6135, and 1730-1800 on 9675, 5995, and 3955 (apparently these are different pgms). A new Esperanto bcst is at 1530-1555 on 9675 & 7285.

PORTUGAL Radio Portugal
 6075 0315 RP; EE w/DX pgm interview with 10 yr. old DXer, march mx, 454(7/23 Bingham-MA)
 9575 0532 RP; EE w/YL tlk on sightseeing in Port., mx interludes, OM ID & NA at 0600*, 323(7/29 Preston-CA)
 11775 2035 RP; EE ID, nx, stamp pgm, 434(7/15 Hill-SC)
 11925 *0300 RP; EE w/nx, very long & detailed pgm on 15th & 16th century stained glass windows, 433(7/7 Klosowski-FL) "Our Choice of Music" pgm, QRM de Havana on 11930, //6025, 434(7/12 Stanley-AZ) 344(7/4 Jones-TX)

ROMANIA Radio Bucharest
 11810 0420 RB; EE w/details on how to join the RB SWL Club, 433(7/23 Hancock-AL)
 11940 *0400 RB; EE w/YL nx, OM cmtry, pop mx, RB Listener's Club info, 423(7/21 Stanley-AZ)

SPAIN Radio Exterior de Espana
 9630 *0000 REE; EE Panorama pgm, YL nx, interview of leader of Spain's employer association, 444(7/13 Stanley-AZ)(7/9 Addison-KS) @0158 EE w/end of pgm on SS lang, NA 0200*, 444(7/27 Jones-TX)
 11880 *0000 REE; EE w/nx, mx & various features to 0200*, 323-544(7/1-8/1, 9 rpters) @0615 in EE w/ID "Spanish Foreign Radio bcstng from Madrid", 434(7/23 Leonard-ME)
 15125 1935 REE; SS w/flamenco solo by OM & tlk on flamenco mx, ID 1955, tribute to deceased comedian, nx @2100, gd(7/30 Sharpe-CA)
 15375 2000 REE; EE YL tlk about violence in the Basque regions, 243 (remember Radio Euzkadi, the Basque clandestine w/xmtr in Venezuela? The Basque lang. is really different!-MK)(7/27 Lieu-CA) 444(7/17 Hancock-AL)
 15395 2155 REE; SS w/tlk on mx group, @2200 sked & request for rpters, then s/off, 544(7/23 Timofeev-FRG)
 17660 1608 REE; SS w/OM/YL tlk over mx background, QRM, 222(8/4 Traver)

SWEDEN Radio Sweden International
 9695 *0230 RSI; EE nx, mx, rpt on OPEC meeting, "Love & Sex in Sweden" (oh boy; oh boy!!!)(calm down, Herbert!-MK), 544(7/18 Bradley-MA) 332(8/3 Speer-CA) 333(7/15 Stiner-NY)
 11705 *0230 RSI; EE pgms to 0258*, //15420, 333-454(7/9-7/27, 5 rpters)
 11710 *2300 RSI; EE tlk on reforestation, Swedish humor(ja!), 322(7/20 Swinn-CA) 444(7/11 Krist-VA)(7/24 Blanchette-FL)
 15270 2305 RSI; EE tlk on Sweden's economic problems, 444(7/11 Gunter-NG) 334(7/20 Addison-KS)
 17840 *0230 RSI; EE s/on in USB, "Weekday Monday" pgm after nx, 354(7/11 Stanley-AZ) 343(8/6 Zilmer-NM)

SWITZERLAND Swiss Radio International
6135 0145 SRI; EE w/IS, ID, OM world nx & local, tlk on freedom of the press in Swiss, QRM de VOA 6130, 333(7/20 Stanley-AZ)
9725 *0144 SRI; YL ID, EE "Dateline"pgm w/cmtry on world economic situation, 444(7/14 Krist-VA) to 0215*(3 rpters) @0314 w/closing ancmts in GG, then theme tune & opening in FF, 544(8/1 Palmer-WA) @0451 EE w/2 OM's tlkng on Climbing Matterhorn & Swiss bank accounts, //11715(434), 444(7/27 Johnson-IL)(7/30 Hull-WA) 433(7/3 Klosowski-FL)
11715 0140 SRI; EE w/nx, yodeling, pgm on notable Swiss who settled in U.S., 545(7/19 Robinson-TN) "The Great Saturday Grapevine" pgm, //15305-9725-6135, 343(7/16 Stanley-AZ)
15305 *0145 SRI; EE "Dateline" pgms to 0215* when into SS, 343-444(7/1-7/27, 5 rpters)
17830 1530 SRI; EE w/nx on wars in Ethiopia/Chad/Iran w/TC 1530 by Swiss chronometer, into FF @1600, 444(7/17 Stiner-NY)
17850 *1815 SRI; EE w/nx, cmtry, item on whale hunting, 1845*, 433(7/25 Krist-VA)
21570 1328 SRI; EE "Dateline from Swiss R. Int.", 444(7/19 Leonard-ME)

U.S.S.R. as given

All sites in parantheses were supplied via UHN, and indicate actual sites when possible, listed sites when not.-MK

RSFSR-European

9765 2230 RM(Krasnodar); EE w/Posnar's tlk on Samantha Smith visit labeled as Soviet propoganda in US papers--I've seen very tasteless cartoons of it in local paper, 444(7/12 Fraser-MA)
11890 0411 R. Moscou Internationale(Riazan); FF w/"Evenements et Opinions", 444(7/2 Robichaud-NB)
15320 0622 RMWS(Lgr); EE w/YL/OM stories of Soviet life, item on Australian security service, 222(8/4 Traver-CA)

Ukraine SSR

15100 2029 RMWS(Nikolayev); EE w/"Nx & Views" pgm end--ever notice that RM always has a hum in xmn? I wonder if they know abt filter caps, hi! 433(7/30 Leonard-ME)
15105 1812 RMWS(Nikolayev); EE "This Week" pgm w/Vladimir Posner, U.K. service @1900, 443(7/3 Talbot-WI)

Unknown Sites

9470 2220 R. Mayak; RR w/American songs, quite rare on Soviet stn isn't it? 333(7/2 Robichaud-NB)
9800 2330 R. Kiev; EE "Young Generation"--interviews w/professional youths, 454(7/21 Fraser-MA)
11720 2340 R. Kiev; EE w/world nx pgm to 2340, followed by prop. on Soviet "society", 343(7/7 Jones-TX)
11860 0030 RM; EE w/YL Mid-East cmtry, ID, 444(7/14 Langlois-GA)
11880 2330 R. Kiev; EE w/nx, ID, s/off, 444(7/13 Langlois-GA)
11960 1830 RMWS; EE to U.K./Eire, class. mx, OM ID, 455(7/23 Langlois)
11960 2333 R. Kiev; EE w/ID @2334, YL ancr w/typical pro-Russia tlk & pgm, 544(7/22 Lipman-NJ)
15455 1647 R. Mayak; RR w/2 OMS ancng weightlifting event, time pips @1700, OM ID, nx, 444(7/31 Famularo-NJ)

RM & RMWS EE pgms to West NA are all via Asiatic sites; pse note that RM to ENA on 9600 0000-0300, and RMWS to ENA on 11840 1000-2200 are via the Havana, Cuba Relay facility. One thing to keep in mind is that the "Radio Kiev" & "Radio Vilnius" xmns are not necessarily from those cities, but are pgms which can be carried on any RM xmtr; unfortunately, unlike RM/RMWS these services do not indicate xmtr sites on their QSLs. I am assuming however that the WCNA freqs for them are from Asiatic sites.

UNITED KINGDOM BBC

6110 0015 BBC; SS w/London Calling LA ID by YL, Big Ben, nx by OM, 444(7/12 Desrosiers-MA)
9915 0017 BBC; EE w/R. Newsreel, "About Britain", 555(7/30 Krist-VA)
11680 1144 BBC; EE w/"Can I Help You" pgm, 322(8/1 Leonard-ME)
11835 0103 BBC; EE w/murder mystery radio play to 0114, then nx summary, 454(7/28 Jones-TX)
11910 2315 BBC; EE w/Alistair Cook's "Letter from America" saying Reagan is doing better than credited with!, 444(7/24 Gunter-NC)
"Radio Newsreel" @0015, 544(7/22 Hill-SC)
12095 2115 BBC; EE w/tlk about what faces reveal, 544(7/5 Timofeev-FRG)

15070 2200 BBC; EE w/TC-ID-nx, "World Today" discussed Iran-Iraq war, 444(7/26 Ryeder-FL) +4 rpters
 15420 2300 BBC; EE w/nx, look at Reagan press conference, part 4 of "Whip Hand"(wasn't there a 50's movie of this name about a Russian bacteriological warfare attack on Alaska? Movie buffs, help me out!-MK), 454(7/27 Krist-VA) @2330 w/"Brain of Britan", 544(7/25 Hill-SC)
 17705 1612 BBC; EE w/YL tlk on Italian politics, then story abt treasure hunting(the one abt Cocos Is. was really great-MK), 343(8/4 Traver-CA)
 21710 1325 BBC; EE w/cmtry abt marshal law in Poland, 343(7/19 Leonard-ME)

VATICAN Vatican Radio

6015 *0050 VR; EE "This is VR Overseas Service" by YL, "A Many Splendored Thing" pgm abt a nun from India who works at VR, 454(Krist-VA 7/29)
 9605 0050 VR; EE relig. tlk, 333(8/5 Zilmer-NM)
 11740 0549 VR; Mass in Latin, @0600 nx in various langs, EE nx @0620, 423(7/23 McKeon-IN)
 11845 0050 VR; EE s/on, "Words and Songs" pgm, s/off, 544(7/9 Spremo)

YUGOSLAVIA Radio Yugoslavia

9620 *2115 RY; EE ID & YL nx, heavy "chirping" QRM started & stopped 2115-2130--jammer?? 222(7/13 Talbot-WI) nx on preparations for Sarajevo olympics, 444(7/17 Robichaud-NB) 533(7/19 Spremo-NY)

News from WBI/BBCMS:

Hungary On 7/11, RB ancd EE sked changes "in keeping with a request from many listeners" has expanded and added to EE programming as follows--
 1050-1120 Mon-Fri 15160, 11910, 9835, 9585, 7155, 6025
 1430-1500 Mon-Sat as above
 1600-1630 Daily as above

Sweden A summary of the RSI changes introduced 7/5--
 1400-1430 English 17860 replaces 17790
 1430-1500 Swedish as above
 1500-1530 French as above
 1600-1630 Swedish 17880 replaces 17790
 2300-2330 English 11710 replaces 11705

SCOTLAND-U.K.: Pirate stations to watch for here include Radio Lynda(P.O. Box 16, Falkirk, Scotland) on 6262 kHz; Radio Freedom International(Dept. R, 67 Elm Row, Edinburgh EH7 4AQ) is reported broadcasting every 1st & 3d Sunday around 0900-1200 on 6230; Radio Stella International(17 Glendevon Road, Edinburgh) testing on last Sunday of each month 0955-1200 on either 7315, 7320, 7325, or 7340.(This information rcvd from Ruth Hesch-NY via Podney Sixe's column in "DXAGB News", Five Acres, Whiteditch Lane, Newport, Saffron Walden, Essex CB11 3UD U.K.)

When listening to the BBC, ever wonder why some relay sites have better audio quality than others of equal strength? The difference lies in the type of feed used to send the signal from the U.K. to the relay site. Those sites fed via satellite receive a higher quality signal than those fed via ISB, SSB, and DSB feeder xmns on regular shortwave heard on out-of-band frequencies. The following is a run-down of what the BBC relay sites use from the U.K.:

Cyprus, Masira(Oman), Sackville(Canada)---fed via hi-quality satellite.

Antigua, Ascension Is.---fed via SW feeder; from 1984 they will be fed via high-quality satellite links.

Singapore---news & topical pgms sent by telephone-quality satellite circuits or by radio, non-topical pgms sent on tape; from late 1983, will be fed by high-quality satellite link.

Greenville & Delano(USA)---fed by SSB SW feeder.

Lesotho---picks up regularly scheduled, non-feeder SW xmns from Ascension and the U.K.

From "BBC Waveguide", No. 2. Enjoy September everyone, 73s Mark

NEW EDITOR FOR OCTOBER:

MARK KOUKOL

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60115



SHORTWAVE

AFRICA



MIKE NIKOLICH • 2137 W. Farwell • Chicago, IL 60645

WITH THIS COLUMN, I BID ADIEU

Well, nothing's forever, I guess. After two years of editing this column, I've decided to step down and turn the reigns over to somebody else. But, beginning in October, I'll be editing the Log Report "A" column for Friendx, the official publication of the North America Shortwave Association. I really enjoyed doing this column and making the decision to "retire" as editor was not an easy one. I'd like to thank everyone who has supported me so faithfully each and every month. Although space doesn't permit me to personally thank everyone, there are a few people I'd like to single out. Stu Hall, thanks for the encouragement and kind words, your regular contributions were greatly appreciated. David Sharp, thanks for your continual support. You easily submitted more logs to me than any two other SPEEDXers combined. John Demmitt, thanks for the letters and amusing musings. Larry Cunningham, thanks for the detailed reports. Ron Howard, I still have your postcards. Thanks again to everyone. Your support has been very gratifying for me. I'll continue to see you all in the pages of SPEEDX through loggings and articles for Art Getzel. Keep supporting the club. It isn't anything without you!

ALGERIA

17745 2016 R. Algiers; EE, Top 40 mx, ID at 2022, "You have been listening to R. Algiers," at 2030, into SS, 7/31 (O'Angelo, PA)

ANGOLA

9535 1445 R. Nacional de Angola; LL, YL w/cmtly on Angola, Zimbabwe and South Africa, lcl mx and pips at 1500, into fast-paced political cmtly by OM and YL w/mx background, even a song about Angola!, 7/28 (Hall, CA)

ASCENSION ISLAND

11860 0740 BBC; EE, OM/YL w/special px about products made in Africa, 8/4 (Traver, CA)

15400 1600 BBC; EE, TC, ID, nx by OM, tx on the lifting of martial law in Poland, 7/22 (Ryeder, FL)

17755 1618 BBC; EE, OM, nx of Africa, tapes from Swaziland and Nigeria. 8/4 (Traver, CA)

21660 1200 BBC; EE, play of the week--"The Snob," a laugh a minute as a man gives up his mistress, family and friends to get to the top of society's goals, 7/24 (Demmitt, PA)

BENIN

4870t 0514 ORTB; FF, drums w/tribal singing, OM speaking to crowd in FF, then more drums, some type of proclamation, 8/5 (Traver, CA); 0550, FF, OM, afro mx, 7/20 (Cook, CA)

5025 2225 ORTB/Parakou; FF, nx at 2250, ID as "Parakou, Voix de la Revolution," revolutionary speech, NA, 2302*, 7/26 (Robichaud, NB); FF/lcl Vern, px of unusual lcl chants, sounded like a bird or wild animal, quite interesting, 8/2 (Sharp, FL)

BOTSWANA

4845v 0345 R. Botswana; Setswana, cowbell IS, NA and s/on, faded into slop, //3356 not hrd, 7/25 (Sharp, FL)

CAMERDUN

A new xmtr carrying programs from the regional station, Radio Douala, was observed on July 20 and 21 on 4795 kHz. A news bulletin in

English was relayed from Yaounde at 2100 and the station closed down at 2305 approximately (BBCMS)**See below for reports...mln.

- 4000 0530 R. Baffoussam; tent in FF, could not positively ID but hrd Cameroon mentioned, 7/10 (Desrosiers, MA)
- 4800 0112 R. Douala; OM w/long tx in FF at tune-in, good lvl w/murmurs of R. Lara underneath, at 0115, long string of IDs by OM, some as "Ici Douala, emettant de ...Cameroon," and some as "R. Douala," the latter giving freqs, meter bands and complete address w/P.O. Box number. May have been the inaugural broadcast(hope, see below), because ID string lasted a good three minutes w/IDs repeated several times. At 0118, lite inst. mx, mentions of "Nouvelle emission," f/out by 0200, 7/25 (Larry Cunningham, OH)**Good meeting you in Columbus, Larry. Thanks for the log! mln. 2244, frequency noted as 4795 w/request show, songs from "Les Veterans" and other pieces, 7/15, 353 (Robichaud, NB)
- 4850 2304 R. Cameroon; FF, EE song, singer's biography, 7/11 (Robichaud, NB); 0503, EE, OM w/nx to Africa, mx at 0514 w/YL DJ voiceover ID as "...happy Monday morning to rest of the world. This is Cameroon..." 7/11 (Lucas, CA); 2302, EE/FF, nx, EE sx to 2304, then ID, FF vocals w/FF host after 2305, 7/17 (Soomre, MA); 2343, FF, OM and YL tx, mx px, 7/22 (Lipman, NJ)
- 5010 0427 R. Garoua; 2 OMs w/repeated IDs, mentions of Garoua, 7/27 (F. Johnson, IL); 0430, FF/EE, complete ID, first in FF, then EE, NA, more OM tx, 8/2 (Sharp, FL); 0450, OM w/short tribal songs, fading, 8/1 (Cook, CA); 0509, FF, DJ in FF w/mx px, 7/24 (Lipman, NY)
- 9745 2257 R. Cameroon; FF, mx, nx, lcl mx w/OM and YL hosts, 7/28 (Manning, TX); 2240, FF, general conversation between FF OM and YL, pop mx played, QRM de AA stn, probably Baghdad, 7/27 (Sharp, FL)

CENTRAL AFRICAN REPUBLIC

- 5035 0443 R. Centrafrique; FF, high-life mx, OM IDs, usually "Radio Centrafrique" or a variation thereof. 7/30 (Sharp, FL)

CLANDESTINE

"Voice of Mozambique National Resistance" announced that its regular broadcasting service on 4764 kHz would be inaugurated on July 1, it continued to carry repeats of its June 23 transmission until the end of the second week in July. The station's current sked is 0400-0500 and 1700-1800 in PP and Vernaculars. The radio station operated as the "Voice of Free Africa" from a xmtr in Gwelo, Zimbabwe, from the summer of 1976 until Feb. 13, 1980, when it was closed down. It was heard again broadcasting from a different location on March 31, 1980. The station was last hrd IDing as "Voice of Free Africa" at 1700 on May 12, 1983. (BBCMS)

- 5015t *0430 R. Truth; EE, opens w/birdcall (soft of like whippwill followed by a trilling sound), ID missed due to R. Cult. Cuiaba QRM, 7/12 (Parks, FL); 0430, EE, IS, into tx about political situation in Zimbabwe, 7/30 (Sharp, FL)
- 9027 0416 R. Vatan; Farsi, tx w/several mentions of Khomeini and Iran, signal was slightly stronger than VOIRI on 9022 kHz, 8/2 (Sharp)**Probably more appropriate under Egypt as this is supposedly a xmtrn from Cairo's xmtr. mln.
- 17940 1645 V. Sudanese Revolution; AA, two OMs, primitive sounding mx, 8/4 (Traver, CA)**Bcst from Libyan xmtr...mln.

DJIBOUTI

In a broadcast on June 27, Djibouti Radio reported that the President had inaugurated a new xmtr for the station. Monitoring observations over the past month have revealed a noticeable improvement in the reception of transmissions on 4780 kHz. (BBCMS)

EGYPT

- 9475 0200 R. Cairo; EE, Egyptian mx, mail call, tx, cmty, 7/26 (Lori Klosowski, FL); 0200, EE, s/on, ID and welcome by YL, inst. mx, ID and rept on agriculture, 7/19 (J. McDowell, IL); 0300, EE, IS, ID, //12000, YL interview, 7/11 (Stanley, AZ); 0216, EE, nx, mx, "Reader's Corner," 7/8 (Robinson, TN); 0232, EE, OM nx, YLw/tx, 7/9 (Gammie, MI)°

GABON

- 4810 0504 Africa #1; FF, OM w/nx, YL says "Good Morning" in EE and other languages, rooster crows, 8/5 (Traver, CA); FF, IS, YL w/salutation and mx, jingle, OM w/world nx, 7/27 (F. Johnson, IL); 0454, FF, high pitched tone to 0500, usual s/on mx, YL IO and sked, 8/2 (Sharp, FL); 0550, upbeat Afro mx, vocals in FF, //11940, 7/10 (Oesrosiers, MA)
- 11940 2135 ANO; OM, world nx, YL w/Afro pops, 7/12 (Hotaling, NV); 2029, FF, OM and YL, singing IO at 2030 (R. Heesch, NY); 2025, OM and YL, both sounded like they were having a great time, no mention of RFI Relay, several ads, one for Busch Beer, 7/10 (Oesrosiers, MA)

GHANA

- 4915t 0558 GBC; EE, Afro drums, OM TC for 0600, world nx, IO, 7/30 (Famularo, NJ); 0610, EE, end of nx by OM, IO, into commentary, 8/2 (Sharp, FL)

GUINEA

- 15310 1230 LV de la Revolution; guitar IS repeated to 1230, then usual crowd participation pro-revolutionary chants, into tx by OM and lcl mx, 8/2 (Sharp, FL)

IVORY COAST

- 4940 2317 R. Abidjan; FF, Afro and FF mx, OM OJ, U.S. C&W mx, 7/22 (Lipman, NJ)
- 7215 2335 RTVI; FF, national nx at 2356 after mx px, NA, 0000* (Robichaud, NB); 0620, FF/Vern, OM, ads, Afro mx, abruptly left air 0630* 7/28 (Thompson, CA)

KENYA

The Voice of Kenya's General Service in EE announced that from July 25 it would retime its 1400 news bulletin to 1500. This change would enable the VoK's news bulletin to reach more listeners. The decision had been taken in light of the change in working hours which meant that many Kenyans now worked until 1400 in the evening. (BBCMS)

- 4934t 0257 Voice of Kenya; Swahili, flute and drum IS, followed by pips to 0300, then into Swahili px, could not pull out IO, weak reception, 7/25 (Sharp, FL)

LESOTHO

- 4800t 0417 R. Lesotho; px of Afro chants and lite mx, hrd underneath R. Lara, no positive IO, 7/30 (Sharp, FL)
- 9515 0200 BBC Relay; EE, nx review of Sunday British nxpapers, 7/17 (Bradley, MA)

LIBERIA

- 4765 0558 ELWA; EE, IS to 0600, followed by OM IO, "Good morning this is ELWA, Monrovia..." 8/2 (Sharp, FL)
- 15600 1700 VoA/Monrovia; EE, VoA nx, "African Panorama," nx in special EE at 1730, 7/26 (Krist, VA)

LIBYA

"Radio Bardai," which supports the Transitional National Union Government under Goukouni Oueddi and is hostile to Hissain Habre, shows this sked: 1800-1830 in FF on 6009, 1830-1900 in Colloquial Arabic on 6009, and 1900-2000 in local languages on 6009 kHz. This radio station was first heard in February 1983. It shares a xmtr with the anti-Upper Voltan government station "Voice of the Upper Voltan Popular Revolution." The station announces that it broadcasts from Bardai, a town in the extreme north of Chad, but the transmitter is believed to be located in Libya. (BBCMS)

- 11815 2210 R. Jamahiriya; report on Israeli secret agent, several IOs, gave Tripoli and Malta addresses, excerpts on Qaddafi speech, 7/8 (O'Angelo, PA); 2200, EE, Sadat px, weekend harmony mx px, requests for letters, 7/10 (Soomre, MA)

MADAGASCAR

- 11740 1455 RN Relay; EE, feature on the woodpecker, 8/4 (Speer, CA); 2030, EE, "Newline" px, "SW Feedback," 7/16 (Fraser, MA)

- 21640 1819* RN; AA, Middle East px, IO at 1818, 7/17 (Jones, TX)

MAURITANIA

- 4845 2349 R. Nat. du Mauritanie; AA/Vern, nx by OM w/mentions of Mecca, Tripoli, and other important AA cities, nx ended w/"...al-jumhuriyah al-Islamiyah al-Mauritaniyah," s/off at 0000, 8/2 (Sharp, FL)

MOROCCO

15335 0031 RTVM; AA, mx, caught in between TWR/Bonaire, AFRTS and RHC, I've hrd 'em enough to think it is them, 7/28 (F. Johnson, IL)

NAMIBIA

4965 0407 Radio SWA; Afrikaans/EE, lite mx, muffled OM ID at 0410, //to outlets in 90 meters, 8/2 (Sharp, FL)

NIGERIA

4770 0507 FRCN/Kaduna; EE, OM w/intros, soul mx, thanks to several people, 7/27 (F. Johnson, IL); 0445, EE, disco mx hosted by heavily accented OM. In clear as Cuban Mayak relay was already off, 7/27 (Sharp, FL)

7255 0620 Voice of Nigeria; FF, high life mx show w/ID by OM as, "La Voix du Nigeria, Lagos," mixing w/another station, possibly RFE/RL, 8/2 (Sharp, FL)

SENEGAL

4890 0701 R. Senegal; ID at 0701:30, nx in FF, 0702, 8/8 (Scheel, IA); 2320, FF/Vern, tx by OM, seemed to be a mixture of FF and a lcl Vern, YL ID at 2325 w/tribal chants following, 8/2 (Sharp, FL); OM w/ tx, sounds like NA at 0137, then ID, s/off, 7/10 (Desrosiers, MA); 2353, FF, long tx by OM in FF, some chants, other OM tx, 0003*, 7/22 (Lipman, NJ)

SEYCHELLES

Current English sked for FEBA is as follows: 0400-0500 to East Africa on 15200 and 11800 kHz. 1225-1230, news to South Asia on 15325 and 11865 kHz. 1500-1600 to South Asia on 15325 and 11895 kHz. (BBCMS)

11865 0327 FEBA; AA, "What A Friend We Have in Jesus," IS, AA OM IDs between mx, then YL ID and tx, into relig px, 7/26 (Sharp, FL)

15200 *0400 FEBA; EE, 15 minutes of Bible drama, nx round-up, show time, got thanks to June SPEEDX column (Chrd, RI)

SIERRA LEONE

5980 2255 Sierra Leone BC; EE, high life mx, ID, lcl and Afro nx, rock mx, strong het on same frequency (Parks, FL); 2315, EE, wedding mx, ID and TC for "18 minutes past 11 o'clock," disco, rock and soul mx, another ID, 7/13 (D'Angelo, PA)

SOMALI REPUBLIC

8790 0336 R. Mogadishu; AA/Vern, serious sounding tx by OM, several mentions of Libya and Kenya, brief OM ID w/mention of Somalia at 0339, into lcl mx 0341, 8/1 (Sharp, FL)

SOUTH AFRICA

4835 0509 SABC; EE, end of nx by YL w/recap of top story concerning problems w/BBC reporters in So. Africa, "...and that has been the nx from R. South Africa..." 8/2 (Sharp, FL)

4880 0350 SABC; Afrikaans, s/on w/NA, station ID, cock crow, into more tx and presumed nx by OM, 7/26 (Sharp, FL); 0500, OM, mention of Durban, Zimbabwe, Johannesburg, positive ID, lang sounded like Afrikaans, 7/10 (Desrosiers, MA)

4990 0405 RSA; EE, OM nx about US sending aid to Chad, 8/5 (Traver, CA); 0400, YL tx in EE, "You are tuned to Radio RSA, the Voice of South Africa, it is four hours UTC. Here is the news..." 7/30 (Sharp, FL)

5980 *0200 RSA; EE, OM w/"Africa Today,," mx bridge, OM w/cmtty (Cox, CA)

6020 0157 RSA; EE, IS, IDs, TC, freq and target area in program details, OM, into feature px, "Under the Southern Cross," 7/25 (Ryeder, FL); 0200, EE, nx and cmtty on local doings, 7/14 (Fraser, MA); 0208, EE, OM w/"News Comment," pop mx, //5980, 7/14 (Berri, Ca); 0200, EE, "P. O. Box 4559," listener's complaints of poor reception and interference from other stations, 7/31 (Klosowski, FL)

7270 0503 RSA; FF, OM tx, chamber mx, ID, Afro nx, ID, sked and freq info, IS and 0527*, 7/31 (Preston, CA)

9615 0207 RSA; EE, EE, nx, tlk of urban terrorism, socceer scores

(Robinson, TN, Gunter, NC); 2107, EE, nx, mailbag px, one letter from Beer can collectors of America, 7/23 (Bingham, MA); 0200, nx about Africa, cmty on UN bias in favor of SWAPO, filler mx, 8/4 (Sharpe, CA)

11900 *2059 RSA; EE, "This is R. RSA, bcng from Johannesburg," by OM, "Under the Southern Cross" px, "The Bushmen Story," QRM de Moscow on same freq, 7/10 (Krist, VA)

17780 0630 RSA; EE, nx about mercenaries being released, war in Chad, water shortages in S. Africa, "Good Morning Africa" px, 7/23 (Timofeev, FRG)

SWAZILAND

3200 0430 TWR; EE, IO, inst. mx, tx about Isiah and Judah, 7/3 (Soomre, MA)

4760 0418 TWR; GG, speech by OM in GG, possible Swazi NA or strn song at 0428, s/off at 0430, 7/24 (Lipman, NJ)

9640 1558 TWR; EE, IS, IO, relig and pop mx px, 7/31 (Kosupida, Japan)

TANZANIA

5050 0342 R. Tanzania; tent. w/OM in Swahili, flute and drum mx, no positive IO, nothing but Baku on 4785 so could not check //, noted w/tent IDs only, 7/26 (Sharp, FL)

TOGO

5047 0526 R. Togo; FF, sure ID by unique IS, NA, OM in FF, 7/28 (F. Johnson, IL); 0527, FF, chime IS to 0529, NA, IO, 8/2 (Sharp, FL); 0553, FF, EE pop song, 0600, IS, OM IO later, 7/24 (Lipman, NJ); 0610, OM, upbeat mx, very similar sound to Gabon, 7/10 (Desrosiers, MA)

TRANSKEI

3930 0527 Capital Radio; EE, OM, acne medicine ad, Benson & Hedges and other ads, "Cool Line" telephone # given as 0 or 4-11-726-4788, a bit of nx, a spot of reggae and that's it! 7/11 (Lucas, CA); EE, U.S. top 40, OM, Transkei wx report, nice opening to S. Africa this AM, 8/2 (Sharp, FL)**August is always a prime month for this region. mln.

TUNISIA

7225 0450 RTVT; AA, mx, prayer, chanting, QRM de AROs, 8/5 (Traver, CA); 0630, AA, vocals, tx by OM and part of an ID, "...Jumhuriya af Tunisiya," 8/2 (Sharp, CA)

11745 2017 RTVT; new Euro svc noted here again w/decent signal and solid AA px, though there was QRM from both 11740 and 11750 khz, 7/25 (Sharp, FL)

UGANDA

Rumors out of Uganda is that Radio Uganda is planning a reactivation and expansion of the expansion of the external svc from Soroti by the end of 1983 (Sharp, FL). Radio Uganda reported on July 28 that TV experts from Japan had completed a one-day survey mission in Arua to assess the damage caused to radio and TV stations there in the "liberation war." The two experts from the Nippon Electric Company were accompanied by officials from the Ministry of Information and Broadcasting. (BBCMS)

UPPER VOLTA

Here is a programming breakdown for Radiodiffusion Television Voltaique broadcasts which can be noted in North America on 4815 kHz.

0600-0605 Program preview in French
 0630-0645 News in French (not on Saturday or Sunday)
 0730-0745 News in French
 0800 Frequency change on shortwave to 9515 (Thur/Sat/Sun)
 2230-2245 News in French on 4815 kHz
 The current sked for RTVV is M/T/W/F: 0530-0900, 1200-1400, 1600-2400; Thur: 0530-2400; Sat/Sun: 0700-2400 on 4815/9515, 1341, 747 kHz and 99 MHz. (BBCMS)

ZAMBIA

4911 0357 R. Zambia; YL atx, clear "R. Zambia" ID and more tx, perhaps nx, decent signal under QRM, 7/26 (Sharp, FL)

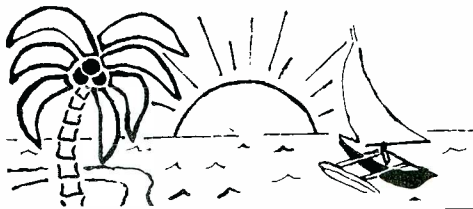
Well that should just about wrap it up. SPEEOX member Cornelia Campbell sends word of a book that should interest any member interested in AFRO SW and UTE stations. It's called The Africans, by David Lamb. The book is listed under Random House, New York, 1982. Good reading. Thanks again everybody. 73! *Mike Mikolich*

ASIA-OCEANIA

EDITOR:

TERRY LINDLEY WDX4KYX
Rt. 15 Box 1098
Birmingham, AL 35224

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



To date 27 people have written to inform me that Vanuatu is the former New Hebrides Islands. I have decided to print one such peice of info so that everyone will know about the former New Hebrides Islands. Look for it at the beginning of the Oceania section.

- A F G H A N I S T A N R. Afghanistan
15070 1900 RA: EE-ID, QRM & jamming.(343 7/5 Card-RI)
- B A N G L A D E S H R. Bangladesh
17800 1235 RB: EE-YL w/pgm of nx, & ID.(322 7/17 Sato-Japan)
- B U R M A Burma Best Ser
5985 1446 BBS: EE-Time check, ID, OM w/nx & mx.(322 7/23 Kosugida-Japan
(322 7/19 Sato-Japan)
- C H I N A R. Beijing
5240 1135 RE: AM-OM & YL w/talks // to 6765.(333 7/29 Hotaling-NV)
6150 1100 Heilongjiang PBS: CC-YL w/ID, pgming for local stations.(433
7/17 Sato-Japan)
7850t 1047 Fuijan: CC-YL w/mx pgm & singing.(353 7/7 Hesch-NY)
11515 1840 RB: AA-YL w/nx or cmtry, YL w/ID. (242 7/12 Lucas-CA)
11755 1631 RB: EE-OM w/"Travelogue" feature/(322 7/28 Palmer-WA)
15180 2310 RB: SS-Pgm of nx by YL & OM.(444 8/1 Palmer-WA)
15245 1500 RB: EE-Nx pgm of intl events, quiz pgm.(fair 8/3 Sharpe-CA)
15385 0430 RB: EE-Nx cmtry s/off w 0456.(242 8/3 Zilmer-NM)
15435 1010 RB: EE-CC lang lesson, ID, & sked.(444 7/11 Famularo-NJ)
15520 1234 RB: EE-CC lessons, to run is "pao", to fall is "shuaitao".
(555 7/20 Robinson-TN)(Fraser-MA)(McKeon-IN)(McDowell-IL)
(Blanchette-FL)
15600 *1030 RB: IN-IS, ID, Nx pgm, UTE QRM.(323 7/11 Famularo-NJ)
17650 0140 RB: SS-Mx pgm, ID, listeners letters.(good 7/21 Sharpe-CA)
17680 0300 RB: EE-ID, OM w/wld & Asian nx.(343 7/15 Stanley-AZ)
17700 1555 RB: EE-YL reading a story, just caught end.(343 8/4 Traver-CA)
17855 *0000 RB: EE-OM w/ID, nx, & cmtry on Viet troops in Kampuchea.(433
7/11 Krist-VA)(Stiner-NY)(Zilmer-NM)(Stanley-AZ)
- I N D I A All India Radio
11620 2105 AIR: EE-Sports nx, cmtry on pharmaceutical industry.(354 7/1
Robichaud-NB)(Gayle Van Horn-TX)(Johnson-IL)(Spremo-NY)(Lobdell
- I N D O N E S I A Voice of Indonesia
3215t 1150 RRI Manado: II-Mx pgm by YL, much fading.(7/23 Schlesinger-TX)
4719 1120 RRI Ujung Pandabg: II-Pop mx pgm.(343 7/4 Schlesinger-TX)
4875 1340 RRI Sorong: IN-Radio drama, chimes w 1401.(332 7/17 Sato-
Japan)(333 7/23 Schlesinger-TX)
11790 1403 VOI: EE-OM w/pgm of nx, much fading.(231 7/23 Schlesinger-TX)
15150 0836 VOI: EE-YL w/nx pgm, ID, mx pgm.(222 7/20 Lucas-CA)
- I R A N VOIRI
9022 2108 VOIRI: FR-OM & YL w/talks maybe nx, mx pgm.(343 7/22 Lipman-NJ)
15084 1650 VOIRI: PR-YL & OM w/nx items, Persian mx.(322 8/1 Palmer-WA)
(poor 7/21 Sharpe-CA)(332 8/4 Traver-CA)

I S R A E L Koo Israel
9815 0011 KI: EE-Nx pgm, Calling All Listeners DX pgm.(333 8/1 Manning-TX)(333 Fisher-WI)(Stanley-AZ)(McDowell-IL)(Johnson-IL)
9895 0030 KI: EE-OM & YL w/ID & Mailbag pgm.(444 7/11 Langlois-GA)
11590 1800 KI: EE-Sign/on and a nx pgm.(332 8/3 Spremo-NY)
11650 0200 KI: EE-Nx pgm, "Questions & Answers DX pgm.(good 7/28 Gamme MI)
11655 0025 KI: EE-OM w/ID, sports nx, & mx pgm.(333 7/10 Addison-KS)
(233 Preston-CA)(Desrosiers-MA)(Koehler-IL)(Stanley-AZ)(+ 3
12025 0200 KI: EE-IS, ID, YL w/nx pgm.(444 7/13 Stanley-AZ)
15585 2000 KI: EE-Nx pgm, talk on Jewish schools in Afr.(7/8 Timofeev-West Germany)(Addison-KS)(Gunter-NC)
15615 0458 KI: HH-S/On in Hebrew, // 11655.(444 7/16 Stein-NJ)
17630 *2000 KI: EE-OM w/time & freqs, nx pgm.(434 7/17 Jones-TX)(Lieu-CA)(Addison-KS)

J A P A N R.Japan
9500 1130 RJ: EE-OM w/pgm of nx.(7/25 Piatelli-CA)
9505 *1300 RJ: EE-OM w/political cmtry.(444 Cox-CA)
9525 1555 RJ: BU-OM w/ID, s/off at 1559.(333 7/28 Palmer-WA)
11875 0842 RJ: EE-Oriental mx pgm.(323 7/13 Lord-CA)
15135 0454 RJ: JJ/EE-IS, announcements in JJ & EE.(433 8/4 Traver-CA)
15235 0850 RJ: EE-Wld nx, ID, & Current Topics.(252 8/2 Famularo-NJ)
15300 0520 RJ: EE-OM w/"Japan Scene", ID & nx.(333 7/29 Preston-CA)(Hull-WA)(Stanley-AZ)(Addison-KS)
17755 0315 RJ: EE-"Japan Speaks" talk on a Sumo wrestler.(333 7/23 Hancock-AL)(344 8/3 Johnson-IL)
17810 0518 RJ: EE-Disc on Japanese waters.(222 7/23 McKeon-IN)(Zilmer-NM)
17825 0000 RJ: EE-JJ lang lesson then Japan Today.(333 7/6 Keenan-CA)
17870 0656 RJ: JJ/II/GG-OM & YL w/JJ lang lessons.(322 8/4 Traver-CA)
21610 0130 RJ: EE-IS, ID, OM w/wld nx, talk on a Sumo wrestler.(354 7/22 Stanley-AZ)(

K O R E A (North) R.Pyongyang
9360 1741 RP: FF-OM w/talk on America & Reagan, YL w/ID.(333 7/5 Lucas-CA)
9977 1130 RP: EE-Feature on Journalists, anti-US cmtry.(332 7/3 Talbot-WI)(343 Cox-CA)(444 Lieu-CA)

K O R E A (South) R.Korea
7275 1120 RK: EE-pgm of nx.(333 8/2 Zilmer-NM)
7550 1618 RK: EE-YL w/pop mx pgm, ID @ 1620.(332 7/26 Lucas-CA)
9750 1426 RK: EE-Culture pgm, mx, letters, & ID.(334 7/24 Swinn-CA)(good Sharpe-CA)(333 Zilmer-NM)
11810 2300 RK: EE-Nx pgm, cmtry & ID.(212 7/27 Stiner-NY)
15575 1440 RK: EE-Weather report, talk on Intl trade fair.(433 7/21 Hill-SC)(Ryeder-FL)(Cox-CA)(Getzel-NY)
15600 1433 RK: EE-YL w/"Korean Culture" pgm.(444 7/10 Fisher-??)

K U W A I T R.Kuwait
11675 2032 RK: EE-"Star Tracks" pgm, & s/off.(444 7/7 Spremo-NY)
15495 0233 RK: AA-OM w/chanting and Arabic talk.(444 7/23 Lipman-NJ)

L E B A N O N R.Lebanon
11955 0235 RL: EE-YL w/IDs, nx pgm.(322 7/8 Cunningham-OH)(444 Gunter-NC)(322 Ryeder-FL)(323 Stiner-NY)(323 Muzyka-NY)(Golab-IL)(332 Stanley-AZ)(D'Angelo-PA)(544 Card-RI)(434 Gayle Van Horn)

M A L A Y S I A R.Malaysia
4950 1330 RM: EE-Pgm of mx, cmtry on Nationalism.(fair 8/2 Sharpe-CA)
4970 1430 RM: MA-ID, OM w/"Warta Berita".(322 7/17 Sato-Japan)
5030 1106 RM: ??-Mx pgm, ID, YL & OM w/talks.(443 7/20 Kosugida-Japan)
6100 1415 VOM: ??-OM w/Malaysian pop songs.(poor 8/2 Sharpe-CA)
15295 1540 RM: AA-Arab mx pgm, OM w/ID & nx.(poor 8/3 Sharpe-CA)

M O N G O L I A R.Ulan Bator
12070 1201 RUB: EE-OM w/ID, and nx.(433 7/18 Sato-Japan)(334 Card-RI)

N E P A L R.Nepal
9590 1453 RN: EE-YL w/nx about US-China relationship.(322 7/19 Sato-JA)

O M A N
17770 2124 BBC Relay: EE-Beatles mx pgm. Bad fading.(352 7/17 Thompson-CA)

P A K I S T A N R.Pakistan
11667 1642 RP: EE-IS, ID, and talks.(7/24 Lobdell-MA)

P H I L I P P I N E S VOA
6110 1111 VOA: EE-Nx pgm, beset by co-channel QRM.(333 7/11 Schlesinger
-TX)(
9503 1345 FEBC: ??-Rel pgm, ID in EE. R.Japan QRM.(333 7/26 Zilmer-NM)
9605 1210 R.Veritas Asia: JJ-"Mailbag pgm, ID by YL.(444 7/18 Sato-Japan)

Q A T A R Qatar Bcst Servics
17910 2040 QBS: AA-Time pips on hour, IS, OM w/wld nx.(343 7/26 Lipman-NJ
(323 Gayle Van Horn-TX)(433 Sato-Japan)

S A U D I A R A B I A Bcst Ser of the Kingdom of Saudi Arabia
11820 2242 BSKSA: AA-OM w/talks, mx selections.(322 7/28 Thunberg-PA)
15060 0425 BSKSA: TK-OM w/Turkish mx pgm.(343 8/4 Traver-CA)(Hull-WA)

S I N G A P O R E
6065 *1200 BEC: EE-YL & OM w/"English In A Medical Context".(444 7/6 Cox
-CA)(
6195 0900 BEC: EE-Nx pgm, talk, on film director.(454 Keenan-CA)
9740 1230 BEC: EE-Drama pgm, wld nx. QRMed by Un-ID.(434 7/3 Schlesinger-
TX)
11750 1517 BEC: EE-OM w/wld nx, disc on Reagan.(353 7/20 Thompson-CA)
11940 1510 SEC: EE-Pgm of nx, traffic advisory.(222 8/4 Speer-CA)

S R I L A N K A
11835 1045 SLBC: EE-Pop mx pgm, rel pgm from CA.(342 7/7 Blanchette-FL)
(Hesch-NY)(Card-RI)(Soomre-MA)
15120 1045 SLBC: EE-Jazz mx pgm, QRM from Dw.(252 7/3 Card-RI)
15425 0100 SLBC: EE-Pop mx pgm, & rel pgm.(222 7/19 Golab-IL)(222 Lipman
-NJ)(353 D'Angelo-PA)(Cunningham-OH)(Krist-VA)

T A I W A N VOFc
11825 0202 VOFc: EE-Nx pgm, ID, address, & mx pgm.(454 8/8 Bingham, MA)
15575 1400 VOFc: EE-Nx pgm, cmtry, & features.(343 7/8 Zilmer-NM)
17800 0300 VOFc: EE-IS, ID, OM w/nx & cmtry.(332 7/18 Stanley-AZ)(Zilmer)

T U R K E Y Voice of Turkey
11740 0300 VOT: EE-Nx pgm, talk on US manuevers in Egypt.(433 7/9 Stiner-
NY)(Moore-TX)(Stanley-AZ)(Hill-SC)
11900 2221 VOT: EE-ID, the DX Corner.(444 7/23 Bingham-MA)
15220 0454 VOT: TK-YL w/mx pgm, ID & nx pgm.(433 8/5 Traver-CA)Moore-TX

U N I T E D A R A B E M I R A T E S UAE Radio
11730 0330 UAE: EE-wld nx pgm, disc on Mosques.(412 7/22 McKeon-IN)
15300 1630 UAE: EE-ID, freqs, YL w/Nx pgm & ID.(323 7/26 Ryeder-FL)(333
Stiner-NY)(333 Famularo-NJ)(212 McDowell-IL)
15435 0345 UAE: EE-Interview w/Canadian teacher living in Dubai. Pop mx
pgm.(444 7/16 Klosowski-FL)(McKeon-IN)(D'Angelo-PA)(Hill-SC)
17775 0330 UAE: EE-Nx pgm by YL.(433 7/4 Hancock-AL)(242 Stanley-AZ)
(444 7/20 McKeon-IN)
21655 1620 UAE: EE-YL w/nx pgm & weather.(343 7/4 Timofeev-FRG)(Coleman-
MA)(333 McKeon-IN)(243 Spremo-NY)
21700 0530 UAE: EE-YL w/nx pgm, ID,(421 7/23 McKeon-IN)(443 Timofeev-FRG)

V I E T N A M
6627 *1124 BAC Thai Bcst Station: VT-S/on w/chorus & theme mx, YL w/ID,
then local mx.(322 7/17 Sato-Japan)
10040 2030 VOV: EE-YL w/nx pgm, flute mx & ID.(211 7/24 Stiner-NY)
15010 1655 VOV: RR/VT-OM w/annc in RR, Viet mx selections.(322 8/1 Palmer
-WA)(353 Moore-TX)(243 Scheel-IA)

Y E M E N A R A B R E P U B L I C R.San'a
4854 0304 RS: AA-Talks, very clear reception.(353 7/15 D'Angelo-PA)

To date 31 people have responded with info on Vanuatu as I requested. I can sure depend on the Speedx membership. I have decided to print one such peice of information which comes from the National Geographic Society, used by permission and submitted by Claude Noneman of E.Lansing, MI. Thanks Claude for sharing this. Now all of us will be filled in on Vanuatu.

V A N U A T U

Courtesy of The National Geographic Society, and submitted by Claude Noneman

A group of some 70 islands administered as the New Hebrides by the United Kingdom and France for 74 years. Vanuatu became independent within the Commonwealth in July, 1980. A secessionist rebellion on Espiritu Santo was quelled shortly afterward. Americans used the islands as a base from which to attack the Japanese in the Solomons and New Guinea during World War 2, inspiring James Michners "Tales of the South Pacific" Today the nation pursues varied activities from manganese mining to meat canneries, and handicrafts.

Area: 14763 square kilometers or 5,700 square miles.

Population: 117,000

Capital: Port Vita Population 17,000

Religion: Protestant, Roman Catholic

Language: Bislama, French, English

Literacy: 20 per cent.

Life Expectancy: 51 years

Economy: Meat & fish processing, light industry, manganese mining.

Exports: copra, cocoa, coffee.

Domestic Consumption: yams, taro, manioc, bananas, & fish.

Per Capita Income: \$590.00

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

A U S T R A L I A

- 4920 0634 VLM4: EE-// to 9660 w/pop mx pgm.(322 8/8 Scheel-IA)
- 5995 1138 RA: EE-Mx followed by Australian Profile.(333 7/30 Leonard-MA)(434 Gayle Van Horn-TX)(Schlesinger-TX)
- 6150 1312 VLR6: EE-OM w/pgm of exc Jazz mx.(333 7/28 Palmer-WA)
- 9580 1105 RA: EE-Wld nx pgm, review of papers, & ID.(454 7/2 Hesch-NY)(Fraser-MA)(Demmitt-PA)(Spremo-NY)(Blanchette-FL)
- 9610 1411 VLW9: EE-Nx pgm, weather report.(353 7/30 D'Angelo-PA)(Gunter-NC)
- 9660 0630 VLQ9: EE-OM w/pop mx pgm.(434 8/8 Scheel-IA)
- 9680 0620 VLR9: EE-YL w/pop mx pgm.(333 8/8 Scheel-IA)
- 15120 *0600 RA: EE-IS, ID, QRM & jamming.(222 7/27 Lucas-CA)(Cox-CA)
- 15160 0527 RA: EE-OM says This is Australia, coming to you from the city hall in Mount Gambier. Talk with residents of the area and playing popular records.(433 8/4 Traver-CA)444 McKeon-IN)
- 15320 0400 RA: EE-OM w/wld nx, ID, mx pgm.(344 7/29)(\$34 Lord-CA)
- 15425 0455 VLW15: EE-2 OMs w/live annc of futbol match.(233 7/30 Preston)
- 17705 0524 RA: EE-Rock mx pgm.(222 7/23 McKeon-IN)
- 17795 0300 RA: EE-Nx pgm, talk on economic expansion.(555 7/22 Klosowski-FL)(Sharpe-CA)(Stanley-AZ)(Robichaud-NB)(Piatelli-CA) + 11
- 21680 0337 RA: EE-Mx pgm, OM w/talk on duels.(242 7/8 Gammie-MI)
- 21740 0100 RA: EE-Wld nx, stock prices, pop mx, mx pgm.(454 7/15 Bradley-MA)(Piatelli-CA)(Hancock-AL)(Ryeder-FL)(Stiner-NY)(Stanley-AZ)

C O O K I S L A N D S R.Cook Islands

- 11760 0659 RCI: EE-Nx pgm, OM w/ID, mx pgm.(232 7/18 Lucas-CA)(McKeon-IN)

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

- 9510 1355 RCI: EE-DX Listeners Log, rel pgm.(322 7/23 Schlesinger-TX)(333 Zilmer-NM)
- 9670 1630 RCI: EE/JJ-Rock mx pgm, from Los Angelos.(444 7/25 Stone-ONT)
- 11840 0930 KTWB: EE-Scripture readings, gospel mx.(322 7/8 Soomre-MA)
- 11900 1400 KYOI: EE/JJ-US rock mx pgm, ID.(343 7/9 Brewer-AR)(333 Schlesinger-TX)(Stone-ONT)(Scheel-IA)(Lipman-NJ)
- 15190 0535 KYOI: EE-OM w/ID, rock mx.(444 7/20 Hull-WA)

Reports seem to be down about 20 to 25 %. I guess the summer doldrums have gotten to a lot of us. Autumn will hopefully bring some better conditions for DXing. I have an unusually high amount of QRM here.

NEW ZEALAND

- 11960 RNZ: EE-OM w/nx pgm, weather, YL w/mx pgm.(343 7/6 Cox-CA)
- 15485 RNZ: EE-Mx from Romeo & Juliet.(142 7/27 Lieu-CA)(253 Scheel-IA)(333 Johnson-IL)
- 17705 RNZ: EE-OM w/local nx & talk on race relations.(7/9 Piatelli-CA)(444 Mckeon-IN)(Hill-SC)(Gayle Van Horne-TX)(Hancock-AL)(Preston-CA)(353 Stanley-AZ) After looking back now I can see that I left the time off all 3 of these. It is as follows: 0959, 2035, & 0500. tml

PAPUA NEW GUINEA

- 3205t 1135 R.Western: ??-OM w/pgm of Guitar mx.(342 7/4 Schlesinger-TX)

SOCIETY ISLANDS

- 11825 0545 R.Tahiti: TH/FF-Polynesian mx by YL, OM w/ID.(444 7/30 Preston-CA)(444 Gayle Van Horn-TX)(433 Traver-CA)
- 15170 0300 RT: FF-OM w/call in talk show & pop mx pgm.(454 7/22 Stanley-AZ)(433 Hill-SC)(433 Soomre-MA)(444 Hancock-AL)(333 Blanchette-FL)(444 Cook-CA)

SOLOMON ISLANDS

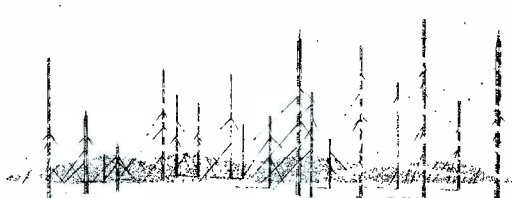
- 9545 0638 SIBC: EE-YL w/rock mx pgm, ads, & IDs.(343 7/28 Thompson-CA)(333 Gayle Van Horn-TX)(Mckeon-IN)(433 Traver-CA)(233 Preston)

VANUATU

- 7260 0654 RV: FF-OM w/continuous talk.(121 8/5 Traver-CA)

***** WBI NEWS *****
 /ISRAEL/ The ship-borne radio station "The Voice of Peace" anchored off the coast of Israel is currently heard broadcasting on the frequency of 6240 khz. Announcements in Hebrew and English state that the broadcasts are experimental and that reception reports are requested from listeners.
 /JAPAN/ Radio Japan states that the test transmissions from Gabon in Africa were well received in the primary target areas of Europe and the Middle East. The tests were therefore a success. This has reinforced their intent going ahead with the project to transmit R.Japans programs from Gabon.
 /TURKEY/ Turkish Police Radio from Ankara is currently observed broadcasting from 0558 to 1000 and 1058 to 1600 daily on 6340.

That is about all of interest from the WBI this month. I hope the QRN begins to fade soon. See you next month. 73s



Ferry

listen to the world on shortwave

For Sale: Robert Leary has several things for sale-not enough room for details- RME Shortwave Receiver, needs work, \$30. Info-Tech M-200-F CW/RTTY Decoder, like new condition! \$350.00 I will ship + Insure postpaid by UPS. Military Surplus R-44/ARR-5, covers 28 to 150 MHz. Needs work, \$25., you pay shipping. Robert also has an AN/APR-4Y w/ CV -253 tuning unit, covers 38 to 1000 MHz. Also panaramic adapter for the above, good condx, \$100.00. Also a BC-608, covers 27 to 39 MHz, \$50 you pay shipping. Robert Leary, 67 Eber Ave., Akron, OH 44305 (216-376-2402). No Collects.

For Sale: Info-Tech M-200-F Tri-mode converter, decodes 45, 50, 57, 74, 100 Baudot; 110 and 300 ASC II; and CW 5-60 WPM; has 170, 425, 850, and variable space shift. Exc cond. 1yr. old. Manual and original carton, and World Press Service Freq Book, all for \$349+ shipping. Bank M.O. or COD. Eugene D. Krolak, Jr., 173 W. Labo Rd., Carleton, MI 48117 (313-654-8387) No Collects.

For Sale: Numerous recent SW and scanner bulletins, books and freq. lists. Send SASE for 1st. Also, freq extender for SPR-4, inc. 9 crystals for \$59 (plugs into a crystal socket) and a Radio West 22" Ferrite Loop Antenna-best offer. Jim Uerlings, 3908 Kelley Dr., Klamath Falls, OR 97601, or call (503) 884-7659, after 0130 GMT.

WORLD SERVICE STATION SKEDS

PROGRAMMI

BULLETIN DE PROGRAMMES
ENGLISH SERVICE
 PROGRAMME SCHEDULE

Editor:
 CHRIS LOBDELL
 P.O. Box 146
 Stoneham, MA 02180

Deadline: 12th

EMISSIONS
TRASMISSIONI
PROGRAMS
SERVIZIO

COMUNICATI NEL CORSO

Hello everybody! Well, summer in New England sure has been hot and humid! We've had a respite the past couple of days though. Before you know it, the summer will be history.

The first Sunday in September will mark the start of a new broadcasting period, known as "S83". Please send in those new skeds so we can include them in the October Station Skeds!! Unless otherwise stated, schedules are for English programs and times are in UTC. Items credited to the BBC MS are copyrighted and used by permission of the World Broadcast Information Division of the BBC Monitoring Service. On to the skeds:

ALASKA. KNLS (not KLNS as I misquot- ed last month) has this S83 sked.

0900-1200 9620 USSR Russian
 1200-1330 6170 China Mandarin
 1330-1630 6170 YSSR Russian
 Tentative winter sked, effective November 6th:

0700-1200 6170 USSR Russian/
 Ukranian
 1200-1500 6170 China Mandarin
 1500-1730 6170 USSR Russian/
 Ukranian
 1730-2000 6185 USSR Russian/
 Ukranian

The station's mailing address is P.O. Box 473, Anchor Point, AK 99556.
 (D. Hosmer)

CHINA (Taiwan): The Voice Of Free China, current as of August 4th.

0100-0200 11825 N. America/Austral.
 15345 "
 17890 "

0200-0300* 11740 Central America
 0300-0350 11825 N. America/Austral.
 15345 "
 17800 "
 17890 "

0300-0350* 5985 North America
 0610-0710* 5985 "
 1030-1040# 5980 Southeast Asia
 1100-1200# 5980 "
 1500-1530# 5980 "
 2030-2130 9610 Africa/ME/Europe
 9765 "
 11725 "
 11860 "
 15225 "

2140-2240 11825 North Amer/Austral.
 15345 "
 17800 "

CHINA: CONTINUED.

2140-2240 17890 N. America/Australia
 * = via WYFR, Florida
 # = via Kaohsiung
 (M. Flannagan, BBC MS)

ECUADOR. Radio Nacional del Ecuador via an HCJB transmitter. In The Spanish language.

2155-0030 15350
 (BBC MS)

GERMANY (Federal Republic): Deutsche Welle in Cologne. Current North American Sked.

0100-0150 6040, 6085, 6145, 9545,
 9565, 9590, 11865, 15105
 0500-0550 5960, 9545, 9690, 11705,
 11905

Transmissions air from various sites in Germany, Malta, Antigua, Montserrat. See WRTH for this info.
 (L. Taylor)

GUAM. KTWR in Agana, J83 schedule.

0900-1000 11840
 1330-1430 9510
 1500-1530 9510
 2330-0000 15320
 (E. Soomre)

HONDURAS. HRVC, La Voz Evangelica. Undated sked on QSL card.

1100-0300 4820 Spanish
 0300-0500 4820 English
 (E. Soomre)

HUNGARY. Radio Budapest, sked effective on September 25th.

0130-0200* 6025 North America
 9585 "
 9835 "

HUNGARY: CONTINUED

0130-0200*	11910	North America
	12000	"
	15220	"
0200-0230@	6025	"
	9585	"
	9835	"
	11910	"
	12000	"
	15220	"
0300-0330	6025	"
	9585	"
	9835	"
	11910	"
	12000	"
	15220	"
0400-0415*	6025	"
	9585	"
	9835	"
	11910	"
	12000	"
	15220	"
0400-0430+	6025	"
	9585	"
	9835	"
	11910	"
	12000	"
	15220	"
1030-1100	9835	Australia/NZ
	11910	"
	15160	"
	15220	"
	17710	"
	17785	"
	21525	"
1150-1220%	6025	Europe
	7155	"
	9585	"
	9835	"
	11910	"
	15160	"
1515-1530¢	7155	"
	9585	"
	9835	"
	11910	"
	15160	"
	21525	"
1530-1600\$	6025	Asia
	7225	"
	9585	"
	9835	"
	11910	"
	12000	"
	15160	"
1700-1730	6025	Europe
	7225	"
	9585	"
	9835	"
	11910	"
	12000	"
1900-1930!	6025	"
	6110	"
	9585	"
	9835	"
	11910	"
	12000	"

HUNGARY: CONTINUED.

2100-2130	6025	Europe
	6110	"
	9585	"
	9835	"
	11910	"
	12000	"

* = Wednesday, Saturday only
 @ = Daily except Monday
 + = Monday only
 % = Not Saturday, Sunday
 ¢ = Tuesday and Friday only
 \$ = Daily, except Sunday
 ! = Tuesday and Friday only
 (B. Robinson, BBC MS)

JAPAN. Radio Japan (NHK) in Tokyo has the following S83 schedule. General Ser.

TIME	ASIA	AMERICA	EUROPE
0100-0130	17810	17755	15135
0300-0330	"	"	"
0500-0530	"	15300	"
0700-0715	"	"	17785
0900-0930	15195	9505	17785
1100-1130	"	"	"
	9635		
1300-1345	11815	9505	
	11840		
1500-1545	11815	9505	9675
1700-1730	11815	"	"
1900-1945	"	15300	"
2100-2130	"	"	"
2215-2230	15195	17755	9645
	15235		
2300-2330	15195	17755	9645
	15235		

RELAYS VIA SINES, PORTUGAL

0700-0715	15235
2215-2230	11740

REGIONAL SERVICES TO NORTH AMERICA

0130-0230	15195, 17825, 21610, 21640
2345-0045	15300, 17825
	(B. Bode11)

MALTA. Radio Mediterranean has this undated schedule.

1800-1857	6110	Arabic
2130-2230	"	French
2230-2330	"	English
		(E. Soomre)

NAMIBIA. Radio Southwest Africa in Windhoek. This sked is valid until September 30th.

0358-0630	3270	Vernaculars
0400-0615	3295	German/Afrikaans
0615-1515	6185	"
0630-1445	7190	Vernaculars
1445-2200	3270	"
1515-2200	3295	German/Vernaculars
2200-0358	3270	Vernaculars
2200-0400	3295	"
		(E. Soomre)

NETHERLANDS ANTILLES. Trans World Radio on Bonaire has this sked which expired on April 30th! Anyone have a more up-to-date listing? 0400-0600 9535 North America 1115-1235 11815 " (P. Card) I think the 1115 transmission is extended past 1235 on weekends, Ed.

NEW ZEALAND. Radio New Zealand in Wellington. This schedule expired on September 3rd. 0515-1215 9620 Pacific/Australia 15485 " 1800-2100 11960 Pacific 15485 2115-0500 15485 Pacific/Australia 17705 " (B. MacGibbon, P. Card, BBC MS)

PAKISTAN. Radio Pakistan in Karachi has this schedule as published in the August edition of "Pakistan Calling". 0230-0245* 17840 Southeast Asia 15325 " 21595 " 0339-0345+ 15325 Africa 17640 " 1100-1115* 17660 Western Europe 21802 " 1600-1615* 15455 East Africa 15565 Middle East 11670 " 17660 East Africa 17640 Middle East 1645-1745 11670 Europe 15515 "

* Slow (dictation) speed news.
+ part of the Swahili service, news in English.
(direct)

POLAND. Radio Polonia in Warsaw had this schedule, dated July 28th. 0200-0355 6095, 6135, 7145, 7270, 9525, 11815, 15120 to North America 0630-0700 6135, 7270, 9675 to Europe 1130-1155 3955, 5995, 6095, 7285 to Europe 1200-1225 6095, 7285 to Europe 1230-1300 9525, 9675, 11840, 15120 to Africa 1400-1430 6095, 7285 to Europe 1500-1530 3955, 5995, 6095, 7285 to Europe 1600-1630 6135, 9540 to Europe 1630-1700 7125, 9525, 9675, 11840 to Africa 1730-1755 3955, 5995, 9675 to Europe 1730-1800 6135, 9540 to Europe

POLAND; CONTINUED.

1830-1855 9525, 7125, 9675, 11840 to Europe 1830-1900 3955, 5995, 6135, 7285 to Europe 2000-2025 3955, 5995, 6095, 7285 to Europe 2000-2030 7125, 7145, 9525, 9675 to Africa 2030-2055 6095, 7285 to Europe 2230-2300 5995, 6135, 7125, 7270 to Europe. (BBC MS)

PORTUGAL. Radio Portugal in Lisbon, this schedule went into effect on the 10th of July. The North American beam. 0300-0330 6060, 11925 East Coast 0530-0600 6075, 9575 West Coast (B. Robinson)

SEYCHELLES. FEBA in Mahe has this sked, dated August 4th. 0400-0500* 11800 East Africa 15200 " 1225-1230 11865 South Asia 15325 " 1500-1600 11895 " 15325 "

* = Saturday and Sunday only.
(BBC MS)

UPPER VOLTA. Radiodiffusion-Television Voltaique in Ouagadougou. Sked valid as of July 21st. 0530-0900 4815 French, on Mon., Tues, Wed., Friday 1200-1400 9515 French on Mon, Tues, Wed, Friday 1600-0000 4815 French & vernaculars on Mon, Tues, Wed, Friday 0530-0800 4815 French on Thursday 0800-1600 9515 French on Thursday 1600-0000 4815 French and vernaculars on Thursday

On Saturday, Sunday, sign on is at 0700 with the rest of the sked the same as Thursday. Unconfirmed is the report of an English broadcast on Sunday from 1330-1400 on 9515 kHz.
(BBC MS)

That wraps up another STATION SKEDS column. Hope you found it informative. Next month I hope to have the new fall S83 skeds for you.

Things to remember:
Write on only one side of the paper!
If you write on both sides, I'll have to choose one side when I cut the skeds apart for sorting. The info on the reverse will be lost. 73,

UTILITY SCENE

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

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

Hello Gang! Results of the almost free giveaway... There were a total of 34 entries. (with 4 additional which arrived too late) The breakdown is given in parentheses, followed by drawing winner.

- * Gilfer Updater - (none) -----
- * Gilfer RTTY Guide - (02) - Peter Conway, UK
- * Schay RTTY Press - (02) - David McNally, TX
- * Universaal WUFGSG - (08) - Alan M. Leder, NJ
- * Klengenruss GF&CSG - (05) - Jason Berri, CA
- * USCG AMVERB - (10) - John Gunter, NC
- * USAF Almanac - (07) - Cornelia Campbell, DE

Most of the winners will have received their book, by time this is read. I wish all could have won, but such could not be so..... Remember - stamps or INCs to reimburse postage - NO money.....
Now onto this months loggings.....

**** NORTH AMERICA ****

- BER.: 12709,2 C 2347 VRT- Bermuda MARCO - V mkr (BLJ-TX)
- 12709,2 C 2045 VRT- Bermuda MARCO wkg 5M0F (TJY-MD)
- CAN.: 2182 U 0210 VON- St. Johns CQR- WX b/c ann. (GC-DE)
- 2598 U 0347 VAX- Canso CQR. WX/NTM b/c (MDL-NE)
- 5598 U 0304 VFG- Gander Aero wkg Belg AF 97 (AM-NY)
- 5744 U 0140 BODRILL clg PetroCanada St. Johns (RJL-GA)
- 6604 U 0135 VFG- Gander VOLMET (JHW-NJ)
- 6753 U 1030 CHR- CANMIL Trenton - WX b/c (CS-MO)
- 8440 C 0255 VGS- Halifax MARCO - V/OQ mkr (GF-NY)
- 8694 C 0544 CPH- CANMIL Halifax - V mkr (SF-GA)
- 8891 U 1425 VFP- Frobisher Bay Aero wkg Churchhill (JDW-MN)
- 10051 U 0255 VFG- Gander VOLMET (JFJ-MS)
- 11233 U 2234 CJK- CANMIL St. Johns wkg CANMIL 762 (IK-UK)
- 11279 U 1614 Cambridge Bay Aero r/c Frobisher Bay (JDW-MN)
- 12876 C 0431 VAI- Varcouver MARCO - V mkr (SF-GA)
- 13235a U 1925 VFG- Gander VOLMET (MP-WI)
- 13272 U 1625 VFG- Gander VOLMET (AM-NY)
- 13288 U 1702 VFG- Gander Aero wkg Air Canada 595 (AM-NY)
- MEX.: 8565 C var. XFY- Manzanillo MARCO- CQ/DE mkr (SF-GA) (RJC-MA)

AM RTTY USB ISB
LSB CW FAX A3H

DEADLINE:
12th Day of
the Month

WMSN MODES: A-am... C-continuous wave(CW)... F-Facsimile... I-Independent side band... L-lower side band... M-modulated CW... R-radioteletype... S-single side band... U-upper side band... 3-A3H...

COLUMN COVERAGE	0-30 MHz H.F.
3090.0	A 0100----- S/Y 5d (1-2) 29June83 (FWB-NJ)
4100	A 0200-0207 S/Y 5d ATT 899-47 (3-3) 26July83 (FWB-NJ)
4100	A 0115----- S/Y 5d (repeat of 3090 kHz) 29June83 (FWB-NJ)
4560	U 2303----- E/Y none-repeats of B.A.C.2 13June83 (IK-UK)
4670	A 0214-0256 S/Y 4d grupo 261 (333) 01Aug83 (AM-NY)
4670	A 0232-0234 S/Y 4d (343) 22July83 (BLJ-TX)
5815	A 0235-0248 S/Y 4d FTN (555) 08July83 (LSD-NJ)
6345	A 0514-0516+ S/Y 5d (434) 05July83 (JEB-GA)
6860	M 0100-0142 X/X 5 ltrs "DAT/B4" (5-4) 02Aug83 (FWB-NJ)
6860	M 0100-0153 X/X 5 ltrs "???"ATA" (5-5) 16July83 (FWB-NJ)
6860	M 0300----- X/X 5 ltrs "AEA/ATA" (5-5) 02Aug83 (FWB-NJ)
7375	M 0200-0240 X/X 5 ltrs "VBU/ND" (5-3) 23July83 (FWB-NJ)
8873	M 0200-0205 X/X 5 ltrs "RMU NT" (5-4) 23July83 (FWB-NJ)
8873	M 0200-0206 X/X 5 ltrs "RMT NW" (5-5) 09July83 (FWB-NJ)
8873	M 0200-0205 X/X 5 ltrs "RMU NT" (5-3) 16July83 (FWB-NJ)
9038	M 0200-0208 X/X 5 ltrs "NUU IT" (5-5) 04Aug83 (FWB-NJ)
9038	M 0200-0205 X/X 5 ltrs "RMU NT" (5-5) 21July83 (FWB-NJ)
9267	A 0300-0313 G/Y 5d CW "N"/gruoppe 27 (5-5) 27July (FWB-NJ)
10345	A 0518-0522 S/Y 5d (555) 26July83 (JEB-GA)
10570	A 0130-0140 S/Y none-repeats 395 417 402- 25July83 (FWB-NJ)
10740	U 0211-0215 G/Y 5dd - Achtung 779 (344) 26July83 (BLJ-TX)
10820	U 1818----- E/Y none-repeats K.P.A.2 04June83 (IK-UK)
11237.5	U 2103----- G/Y 5d 27June83 (IK-UK)
11240	A 1930-1953 G/Y 5d 3&2 delivery (444) 07Aug83 (LSD-NJ)
11273	U 1917----- G/Y 5d 28June83 (IK-UK)
11532	A 0218-2338 S/Y 4d Grupo 167 (333) 28July83 (BLJ-TX)
11533	A 1306-1338 S/Y 4d "387X3" grupo 149 (434) 08Aug (AM-NY)
12950	A ----- E/Y none-repeat V.I.B.2 (SFR-FL)
13150	A 2239----- E/Y none-repeat C.I.0.2 05Aug83 (SFR-FL)
14441	M 0300----- X/X 5 ltrs "NUN/AVU" (2-2) 30July83 (FWB-NJ)
16817a	C 1412-1420 X/X 5dd (444) 16July83 (RWA-IA)
**** UNIDENTIFIED ****	
7087.0	C 0236 UAHY clg 2HP 15July83 (FWB-NJ)
8715	C 1053 clg of DWAQAQK 09July83 (CS-MO)
8985	U 1330 typical Fishing Fleet xmen 26July83 (JDW-MN)

MEX.: 12829.5 C 0456 XFM - Manzanillo MARCO - CQ mkr (SF-CA)
 12843 C var. XFC - Cozumel MARCO - V/QC mkr (JEB-CA) (TJY-MD)
 USA.: 2450 U 1125 WOU - Boston MAROP - WX/TM/Tic list (MDL-ME)
 2506 U 1159 WOU - Boston MAROP wkg Teddy & Mary (MDL-ME)
 2670 U 0420 NWB - CG Charleston SC - WX/WFM b/c (MDL-ME)
 4063 U 1014 WMM - Pittsburgh IMAWR wkg Sarah Elizabeth (JRJ-MS)
 4428.7 U 0529 NNN - CG Portsmouth - WX b/c (MDL-ME)
 5696 U 0200 NMG - CG New Orleans wkg CG 1477 (RUC-WA)
 6218.6 U 0105 NMG379 - QTH unkn wkg ??? (BLJ-TX)
 6506.4 U 0412 NNN - CG Portsmouth - WX b/c (MDL-ME)
 6577 U 0350 New York Aero wkg AeroFlot 334 (BLJ-TX)
 6604 U 1232 WSY70 - New York VOLMET (AM-NY)
 6679 U 0825 Oakland VOLMET (JRJ-MS)
 6873 U 0023 VOA Greenville feeder (KWF-VA)
 6995.5 C 0111 AIR - USAF WARS Wash DC - MARS b/c (FWB-NJ)
 8610 C 0242 WWH - Baltimore MARCO - V/QSX mkr (PAT-CA)
 8630 C 2027 WCC - Chatham MARCO - V/QSX mkr (TJY-MD)
 8765.4 U 0406 NNN - CG Portsmouth - WX b/c (MDL-ME)
 8984 U var. NMC - CG San Francisco wkg CG 1454, 1468, CG 1453 (BAL-OH) (MWS-IA)
 10051 U 1130 WSY70 - New York VOLMET (MDL-ME)
 11179 U 1420 Loring (AFB) Radio Maintenance c/g Albrook (JDM-MN)
 11239 U 0214 Eglin AFB r/c McCallan Aways (LSD-NJ)
 12225 C 1239 KCS10 - USDOS Wash DC - QRA mkr (RBF-MO)
 12695 C 0145 KFS - San Francisco MARCO wkg 5LVR (TJY-MD)
 12907.5 C 0358 KLB - Seattle MARCO - CQ mkr (SF-CA)
 12925.5 C 0351 WCC - Chatham MARCO - V mkr (SF-CA)
 12932.5 C 0345 WWH - Baltimore MARCO - V mkr (SF-CA)
 12970.5 C 0343 MOE - Lantana MARCO - V mkr (SF-CA)
 13002 C 0057 KFH - San Francisco MARCO - t/c list (JH-AL)
 13113.2 U 1618 NNN - CG Portsmouth - WX b/c (AM-NY)
 13116.3 U 1630 WOM - Ft Lauderdale MARCO - t/c list (JDM-MN)
 14403 C 0702 WAR - US Army Wash DC - V mkr (JEB-CA)
 15048 U 1702 AFA3 - Andrews AFB r/c SAM 26000 (GHS-IL)
 15752 U 0300 VOA Greenville feeder (HB-WA)
 15823.5 C 1022 MFL35 - UPI New York - QRA mkr (RBF-MO)
 17007.2 C 1210 KLB - Seattle MARCO - V mkr (TJY-MD)
 17245 U 1405 WOO - Ocean Gate MARCO - WX/Lic list (JRJ-MS)
 17329 U 1918 MCO - Mobile MARCO p/p for Queen Eliz 2 (AJD-NJ)
 **** CENTRAL AMERICA ****
 PANAMA: 11176 U 2219 AHF4 - Albrook Aways wkg Army 18474 (IK-UK)
 12873 C 0040 HFN60 - Puerto Armuelles MARCO - CQ mkr (SF-CA)
 17128.5 C 0430 HFN60 - Puerto Armuelles MARCO - CQ mkr (GUT-NM)
 22413 C 0030 HFN60 - Puerto Armuelles MARCO - CQ/QSX (JEB-CA)

10345 C 1600 APCD4 in slow morse 29July83 (PMD-NY)
 10350 C 1615 ARCD5 in slow morse 29July83 (PMD-NY)
 10350.5 C 0100 HQDC in fast morse 29July83 (PMD-NY)
 11145 C 0037 310 wkg unkn station 10July83 (MDC-NY)
 11237 U 0104 repeats of ROMEO KILO SIERRA - MIKE YANKEE ALFA 30July83 (RMH-NY)
 11565 C 1415 OM wkg YT in 6-ltr Cyrillic eps 10July83 (MDG-NY)
 12997 C 0025 VVV AR DE VK30 marker 20July83 (BLJ-TX)
 12997.5 A 0100 continuous time pips-off w/1 second tone (PMD-NY)
 14510.2 U 0125 EE/OMS - possible drug smuggling t/c 30July (RLR-MS)
 14530 C 1410 OM wkg TU, KK, ER (RR coded) 01July83 (MDC-NY)
 14900 FM mode 2200 - XEM - SS b/c programming-remote? (RLR-MS) daily from 01 July - drifts down 5khz daily.....
 **** RADIOELECTYPE ****
 Correction - July 83 column - 17365 kHz - Y7C41 - should ID as:
 GDR EMB Pyongyang NOKO
 ALL Speed rates are BAUD values.....
 3717.0 1802 SITOR DEB-INTERPOL Wiesbaden FRG - bltns (JK-FRG)
 3780.8 2350 50/425n XTU - Ouagadougou Air UPVO - testing (AM-UK)
 4002.0 1725 75/170r NNNWMSD - MMARS San Diego CA - t/c (JEB-CA)
 4005.0 0200 50/850n TELAM Buenos Aires ARGN - SS/WX (JEB-CA)
 4279.0 2307 75/850r AME3 - Madrid NAVRAD SPAN - f1eet b/c (IK-UK)
 4813.0 0122 50/425n IZA4 - Sofia Metro BUL. - 54W (RDS-NJ)
 5117.5 1710 50/850n MEG - BA Rheinadahen FRG - testing (AM-UK)
 5459.8 0127 75/425n CNA7 - VOA Tangiers MROC - EE/WX (RDS-NJ)
 5925.0 0515 75/850n WBR70 - Miami FL Metro - WX (JEB-CA)
 6415.0 0300 50/850n CCS - Santiago NAVRAD CHIL - WX (JEB-CA)
 6775.5 0421 50/425n XTU - Ouagadougou Air UPVO - testing (RDS-NJ)
 6835.0 0220 50/425r GFL22 - Bracknell Metro ENG - WX (JEB-CA)
 6935.6 2322 50/425n STB - Jakarta Air INDO - RYS (JK-FRG)
 6943.0 2250 50/425n STX - Nouadhibou Air MURI - DE mkr (AM-UK)
 7442.0 0315 75/425r VOA Monrovia LIBE - EE/WX (JEB-CA)
 7460.0 1350 50/170r APA6K - APMAHS Andrews AFB MD - W/AF6KA (JEB)
 7478.0 0127 75/425r VOA Monrovia LIBE - EE/WX (RDS-NJ)
 7655.0 1557 SITOR FPL75 - Paris Police FRAN - mses (JK-FRG)
 8020.0 0325 75/850r NFN - USN Agaña GUAM - ideling on mark (JEB-CA)
 8045.0 0833 SITOR OEQ42 - INTERPOL Vienna ASTA - mses (JK-FRG)
 8050a 0954 75/850n CAK - Los Cerrillos AFB CHIL - RYS (RMA-IA)
 8105.0 0328 75/850n WBR70 - Miami FL Metro - WX (JEB-CA)
 8460a 0453 75/170r NMC - CG San Francisco CA - wkg NRPQ (RMA-IA)
 8465.0 0338 75/850r AME3 - Madrid NAVRAD SPAN - MC RYS (JEB-CA)
 8663.0 2015 75/???? UFN - Novorossiysk MARCO USSR - 3SC t/c (TJY-MD)
 8706.0 1715 FEC ZSD66 - Durban MARCO SOAF - b/c sited (JK-FRG)
 9041.0 0248 50/425r ODT - Berlitz Air LEB. - WX (TJY-MD)

CUBA:	8573.0	C	2031	CLAZ21-Havana MARCO - tfc list (TJY-MD)	9088.5	1928	EEQ9-Palma Police SPAN- tfc (JK-FRG)
MART:	15497	C	1500	CMU967-Santiago de Cuba NAVRAD- c/g UHDK (RMA-IA)	9136.0	0424	TJK-ASECNA Douala GAME - Rys (RDS-NJ)
	13032	C	0105	FUF-FF NAVRAD Ft.de France- V mkr (JH-AL)	9268.1	2335	FJY3-Dumont d'Urville ANTA-w/NGD (AM-UK)
	17391	C	1925	FUF-FF NAVRAD Ft.de France- V mkr (RJC-MA)	9349.0	0257	MKG-RAF London ENG- coded tfc (TJY-MD)
P.R.:	8471	C	0110	NMR-CG San Juan - Cq/GSX mkr (PAT-CA)	9349.0	0257	GIC298-AP London ENG - EE/NX (RDS-NJ)
	16300	U	0144	NNNVRD- USN MARS p/p with NNNNNIM (BCW-VA)	9397.8	0326	FTJ39A/F- APP Paris FRAN - FP/NX (TJY-MD)
				**** SOUTH AMERICA ****	9424.0	1718	RFYJG-Cherbourg NAS FRAN- coded tfc (TJY-MD)
ARGN:	12728	C	0138	LSO5- Buenos Aires NAVRAD- WX b/c (TJY-MD)	9463.0	1700	JNA Amman JORD - ID tape (PAG-UK)
	16925.4	C	0130	LSO3- Buenos Aires NAVRAD- WX b/c (AJD-NJ)	9985.0	0400	AFP Ft.de France MART - SS/NX (JEB-CA)
	17195	C	0045	LFD44-G.P.R. Buenos Aires- V mkr (GLT-NM)	10130.0	0505	NAA- USN Gutler ME - coded tfc (JEB-CA)
	17286	U	0156	LFL-G.P.R. Buenos Aires- SS/OM/VM (JRJ-MS)	10388.3	2340	SNU-Lagos Air NIGR - DE tape (AM-UK)
BRZL:	8517	C	0631	PFO-Olinda MARCO - V mkr (SF-CA)	10483.0	0515	7XK-Algiers Metro ALGE - WX (JEB-CA)
	8530	C	0115	PFO-Olinda MARCO - V mkr (PAT-CA)	10486.0	0037	9NK-Katmandu Air NEPL - Rys (JK-FRG)
	8634	C	0604	PPR-Rio de Janeiro MARCO- V mkr (SF-CA)	10635.0	0229	unreadable metro sta. (TJY-MD)
	17161.9	C	1955	PFO-Olinda MARCO- V/GSX mkr (RJC-MA)	10805.0	0132	NA Buenos Aires ARGN - SS/NX (RDS-NJ)
	22325.5	C	0045	PPR-Rio de Janeiro MARCO- V mkr (GLT-NM)	10950.0	0134	WBR70-Miami FL Metro - WX (RDS-NJ)
CHIL:	5355	C	0245	CCS-Santiago NAVRAD - V mkr (JEB-CA)	10957.5	2230	CNM41-MAP Rabat MROC - AA/NX (TJY-MD)
	22072	C	2140	CCS-Santiago NAVRAD - V mkr (FWB-NJ)	11000.0	1500	NMA- USN Balboa PANA - AY/SGS (JEB-CA)
	22446.5	C	2016	CBN32-Natalies MARCO w/g CBNI (FWB-NJ)	11453.1	var.	IMB33-Rome Metro ITALY- WX (RDS-NJ) (JEB-CA)
COLO:	4277.1	C	0320	HKB-Barranquilla MARCO - Cq mkr (BLJ-TX)	11500.0	0440	RFL1A- FF MIL Ft.de France MART-Idel (JEB-CA)
	8570	C	0621	HKB-Buenaventura MARCO - Cq mkr (SF-CA)	11517.0	0355	Estampes Air FRAN - Idelling (JEB-CA)
	17004	C	2246	HKB-Barranquilla MARCO - Cq mkr (BLJ-TX)	11540.0	2353	BCH21- PTP Shanghai PRC - QRA mkr (AM-UK)
ECUA:	3810	A	0937	HD210A-SPTS Guayaquil (JH-AL)	11585.0	0435	AIE-Andersen AFB GUAM - coded tfc (JEB-CA)
URUG:	12750	C	0040	CWA-Cerrito MARCO - NTM/tfc list (AJD-NJ)	11650.0	0356	UKS-SAM Barentsburg NOR- Rys to UIV (JEB-CA)
VENE:	6100	A	0150	YVTO-SPTS Caracas (JH-AL)	11670.3	2345	RIFWGF-Rome NAVRAD ITALY- Rys (AM-UK)
				**** EUROPE ****	12038.0	0350	RDD74- PTP Moscow USSR- coded tfc (JEB-CA)
AZOR:	5598	U	0105	Santa Maria Aero w/g Speedbird??? (MWS-IA)	12149.5	0415	MKD-RAF Akrotiri CYPR- RY/FOXs (RDS-NJ)
	5598	U	0312	Santa Maria Aero w/g Gander Aero (JDM-MN)	12153.7	1200	GXQ-BA London ENG - FOXs (RMA-IA)
	8989	U	0222	CWU-Lajes Aways c/g King 47 (MWS-IA)	12223.5	0435	VOA-Tauglers MROC - Tosting (RDS-NJ)
BELG:	8649	C	0603	OST-Oostende MARCO - V mkr (SF-CA)	12315.0	0340	RVM57-TASS Moscow USSR - EE/NX (JEB-CA)
	12781	C	0907	OST-Oostende MARCO - Cq mkr (SF-CA)	12514.4	0220	UYXG-LENNORAN - c/g UAT (RMA-IA)
BUL.:	5540	U	1948	Borgas LDCC w/g Bulgarian a/c (IK-UK)	12516.0	0128	UJXB-KRYMSKIE GORY - Rys to UJY (RMA-IA)
	11273	U	1352	Borgas LDCC w/g Bulgarian a/c (IK-UK)	12518.0	0230	UFN-Novocrossiyk MARCO USSR- RR tfc (JEB-CA)
	11273	U	1458	Scofia VOLMET - EE/YL (IK-UK)	12522.0	0405	UJMI-unkn USSR ship - Rys to UJA13 (RMA-IA)
CYPR:	3186	C	0232	KWS78-USEMB Nicosia - QRA mkr (FWB-NJ)	12522.0	0405	UFB-Odesa MARCO USSR - RR tfc (JEB-CA)
	6751	U	0046	(RAF) Cyprus Flight Watch w/g Architect (IK-UK)	12524.0	0420	UJFT- AKADEMIJ MESTISLAW KELDY- Rys (JEB-CA)
	13122.5	U	2223	SBA54-Nicosia MARCO - EE/GK/YL/VM (SHR-FL)	12804.0	0445	NDD- USN Yokosuka JAPAN- coded tfc (JEB-CA)
DEN.:	11246	U	2017	Danish AF Varlosee w/g DAF 679 (IK-UK)	12841.0	0025	PBC312-Goetree NAVRAD HOLL - Rys (AJD-NJ)
	12916.5	C	0353	OKZ6-Lyngby MARCO - Cq mkr (SF-CA)	12885.0	0050	FUM-FF NAVRAD Papete FPPO- coded tfc (JEB)
	17068.5	C	2055	OKZ8-Lyngby MARCO - Cq mkr (PAT-CA)	13053.2	0630	AME3-Madrid NAVRAD SPAN - c/g UMA7 (RMA-IA)
ENG.:	3435	C	0120	CYA-London NAVRAD - DE mkr (SHR-FL)	13054.0	0624	UJY7-Kallingrad MARCO USSR - w/gk UNZA (RMA)
	7970	L	0010	EBC-Davenport feeder (KWK-VA)	13094a	1343	MSL-Amagansett NY MARCO - w/gk 62AL (RMA-IA)
				CRK-Portishead MARCO - DE mkr (SF-CA)	13217.0	2046	LOV3-Rio Grande NAVRAD ARGN- c/g LOR (IK-UK)
					13275.7	2232	CIF5-EMBACUBA Algiers ALGE-w/Havana (AM-UK)
					13366.5	0040	5YD9-Nairobi Air KEN. - Rys (RDS-NJ)

ENG.: 11176	U 1227	AJEB8- Crougton Avys wkg 4 Bravo 7 (IK-UK)	13382.0	2255	50/425n	MFA Sofia BUL, msgs to Brazilia. (AM-UK)
11180	U 1532	AJEB8- Crougton Avys wkg ATTRITION (IK-UK)	13460.0	0346	-----	URY- Tiksi USSR - clg ULV (JK-FRG)
12127	S 0606	BEC Daventry feeder. (PAO-UK)	13752.0	var.	50/425n	HZJ- Jeddah Air SAUD- RYs (RMA-IA) (PAC-UK)
12788.5	C 0503	GKD- Portishead MARCO - DE mkr (SF-CA)	13829.6	0245	50/425n	KGZ- RAF London ENG - RY/FOXs (RDS-NJ)
12835.5	C 0475	GKB- Portishead MARCO - DE mkr (SF-CA)	13870.0	0423	-----	9UA- Usumbura Air BURD - RYs (JK-FRG)
13382	C 1109	GFT- Bracknell Metro - V mkr (RBM-MO)	13870.0	0530	75/850n	NFO- USN San Miguel PHIL- coded t/c (JEB-CA)
15031	U 1844	ARCHITECT (RAF) wkg a/c MAR 41 (IK-UK)	13881.8	0044	50/425r	KRG- RAF London ENG - RY/FOXs (RDS-NJ)
22562	C 1958	GKE- Portishead MARCO - DE mkr (FMB-NJ)	13920.0	0429	50/850r	AXM35- Gambera Metro AUST- 5#M (RDS-NJ)
FR IN.: 12687	C 1958	OFJ4- Helinski MARCO - GSK mkr (RDG-AUST)	13929.5	0509	50/425n	CLF1- MFA Havana CUBA - SS t/c (RWA-IA)
FRAN.: 13187.6	U 1925	FFL62- St. Lys MARCO - FF/OM/MM/YM (AM-NY)	13929.5	0249	50/425n	FFN99- DIPLO Paris FRAN - FF/NX (RDS-NJ)
13235.5	C 2148	HWN- Paris NAVRAD - V mkr into t/c (IK-UK)	14245.1	11440	50/850r	5HD20- Far-es-Salaam Air TANZ-clg 91A (AM-UK)
22318.5	C 1417	FFL9- St. Lys MARCO - CQ/GSK mkr (BLJ-TX)	14265.8	1128	50/425r	PAKI EMB Teheran IRAN- w/MFA Karachi. (AM-UK)
GDR.: 15338	C ----	Y7A45- MFA/ZID Berlin - V/MC mkr (RFB-MO)	14374.1	0715	50/425n	BUL EMB Stockholm SWED- w/MFA Sofia. (AM-UK)
FRG.: 7490	L 1805	Y5M- Rügen MARCO - DE mkr (RMA-IA)	14374.1	0715	50/425n	GYU- Gibraltar NAVRAD- DE/FOXs (RMA-IA)
8672.5	C 0559	DAF- Norddeich MARCO - V mkr (SF-CA)	14785.0	1300	50/170n	ATP65- INFINT New Delhi INDI- EE/NX (AM-UK)
11233	U 0115	DM95- CANMIL Lehr wkg CANMIL Trenton (JDW-MN)	14925.0	0435	75/850r	FUB- Paris NAVRAD FRAN- ideling (JEB-CA)
12953	C 0130	DFW95- Frankfurt MARCO- GG/NX (AJD-NJ)	14980.0	1058	50/425n	HXX34- Paris Metro FRAN - WX (RDS-NJ)
17048	C 1505	DAF/DAB- Norddeich MARCO - V/MC mkr (GLT-NM)	15630.0	0517	75/425r	RHW72- PTP Moscow USSR- coded t/c (JEB-CA)
17143.6	C 1850	DAM- Norddeich MARCO - Cq mkr (RJC-NA)	15640.0	0513	75/425r	RKD- TASS Moscow USSR - AA/NX (JEB-CA)
17177.6	C 1900	DAL- Norddeich MARCO - V mkr (RJC-NA)	15901.0	var.	75/425r	GPH- RN Hong Kong testing (AM-UK) (JK-FRG)
20215	I 0923	Radio Free Europe Holzkirchen feeder. (IK-UK)	15950.3	2310	75/850r	CXR- Montevideo NAVRAD URGY- testing (AM-UK)
22476	C 1940	DAM- Norddeich MARCO - V mkr (RJC-NA)	16106.0	1920	50/425n	FMQ8- DIPLO Paris FRAN - FF/NX (TJY-MD)
GIBR.: 4221.2	C 0123	GYU- RN Gibraltar - DE mkr (JHM-NJ)	16137.0	var.	50/425r	OML47- PTP Havana CUBA- telgrams (AJD-NJ) (TJY)
12824.2	C var.	GYU- RN Gibraltar- DE mkr (SHR-FL) (BLJ-TX)	16254.8	2310	50/425r	MUL- UK Mil Belize - clg MKD (AM-UK)
GREE: 13082.5	C 1330	SVT9- Athens MARCO - DE mkr (RDG-AUST)	16282.5	1905	50/170r	MKD- RAF Akrotiri CYPR - RY/FOXs (RMA-IA)
17194	C 2028	SVB6- Athens MARCO - DE mkr (JEB-CA)	16397.4	1100	50/425n	FTQ39- DIPLO Paris FRAN - FF/NX (RDS-NJ)
22472	C 1935	SVD- Athens MARCO - V mkr (RJC-NA)	16335.0	0640	50/425n	FZS63- St. Denis Metro REUN- WX (AM-UK)
22500.5	C 1937	SWF- Athens MARCO - V mkr (RJC-NA)	16412.0	0000	50/425r	BAK66- XINHUA Beijing PRC- SS/NX (AJD-NJ)
HOLL.: 12766	C 0526	FCH- Scheveningen MARCO - DE mkr (SF-CA)	16663.0	2248	50/170n	UYVL- Vladivostok Metro USSR- RR t/c (JEB-CA)
16902	C 1650	FCH- Scheveningen MARCO - t/c list (AJD-NJ)	16666.0	2205	ARQ/170	OYVL- HELBEN wkg Oostende MARCO (RMA-IA)
17104.2	C var.	FCH- Scheveningen MARCO - DE/MC mkr (RJC-NA)	16671.5	1452	ARQ/170	SYSG- KOBAR VICTORY wkg Athens MARCO (RMA-IA)
11279	U 1607	Reykjavik Aero wkg Frobisher Bay Aero (JDW-MN)	18705.0	0440	50/170n	m/V ORENBOURG wkg UKA (JEB-CA)
ICE.: 11279	U 1607	Reykjavik Aero wkg Frobisher Bay Aero (JDW-MN)	17002.5	2150	50/425r	ZY9- unkn - Military? - DE SP8 (RMA-IA)
EIRE: 3413	U var.	EIP- Shannon VOLMET (MMS-IA) (MDL-ME)	17095.0	var.	75/850r	AME3- Madrid NAVRAD- RYs (JEB-CA) (RMA-IA) (IK-UK)
13264	U var.	EIP- Shannon VOLMET (JDW-MN) (AM-NY)	17360.0	0425	50/825r	ECF41- TASS Moscow USSR- EE/NX (JEB-CA)
ITILY: 6409.5	C 0230	IAR- Rome MARCO - V mkr (SHR-FL)	17382.5	1135	75/850n	IWM1- Maracaibo NAVRAD VENE- clg PW233 (AM-UK)
12748	C 0527	IRM- GIRM Rome MARCO - V mkr (SP-CA)	17395.0	var.	50/425r	Y7A79- MFA/ZID Berlin GDR- RYs (TJY-MD) (JEB-CA)
12886	C 0405	IAD2- GTH unkn - possible bad tape (SF-CA)	17455.0	var.	50/425n	HXX23- Paris Metro FRAN- WX (JEB-CA) (TJY-MD)
12975	C 0037	IQX- Trieste MARCO - V mkr (BLJ-TX)	17512.0	2015	75/850n	KBH31- USEMB London ENG - FOXs (JEB-CA)
13011	C var.	IAR23- Rome MARCO - V mkr (RDG-AUST) (JH-LA)	17521.4	1752	50/850n	HSW61- Bangkok Metro THA- WX (AM-UK)
13015.5	C 0105	IAR- Rome MARCO - V mkr (GLT-NM)	17555.9	1150	50/425r	CNMT73/X9- MFA/Rab Maroc - b/c sked (RMA-IA)
17105	C var.	IRM- GIRM Rome MARCO - V mkr (RJC-NA) (GLT-NM)	17655.0	0410	75/850r	FUJ/FZM72- FF NAVRAD Noumea NGAL- WX (JEB-CA)
22378	C 1920	IAR- Rome MARCO - V/GSK mkr (RJC-NA)	18040.0	0733	50/425-	TCY4- AA Ankara TURK - FF/NX (PAC-UK)
			18227.0	2115	75/????	CUM- Waf LaJes AZOR - FOXs (JK-FRG)

NOR.: 11180.0 U 1412 RNOAF Ludair wkg J.W.066 (IK-UK)
 11454 C 0452 LEA219-Stavanger NAVRAD- V mkr (JEB-OA)
 PORT: 6388 C 0525 CTP94-Oetra NAVRAD - DE/QSX mkr (JEB-CA)
 SPAN: 8447 C var. AWE3-probable Madrid NAVRAD clg UWA7 (FWE) (BLJ)
 8682 C 0555 EAD- Aranjuez MARCO - CQ mkr (SF-CA)
 12933 C 0350 EAD- Aranjuez MARCO - CQ mkr (SF-CA)
 13065 C 0120 EAD44- Aranjuez MARCO - CQ/QSX mkr (JH-AL)
 17065.2 C 2103 EDZ6- Aranjuez MARCO - WX b/c (TJY-ND)
 17184.7 C 2239 EAD/EDZ- Aranjuez MARCO - CQ/MC mkr (BLJ-TX)
 22533 C 2000 EAD- Aranjuez MARCO - CQ mkr into tfo list (FWE-NJ)
 SWED: 12880 C 0011 SAG6- Goteborg MARCO - V mkr (TJY-ND)
 SWIS: 13205 U 1829 Berne LDCC wkg a/c Bravo Mike (IK-UK)
 TURK: 18023 U 1120 RAF detachment Izmir wkg Archibute (IK-UK)
 USSR: 8710.6 C 0146 UAH- Tallinn MARCO - DE mkr (JHW-NJ)
 8688 U see RR/YL VOLMET - 2203-Syktavkar, 2205-Sverdlovsk,
 2210-Yeniseysk, 2215-Kurumoch (IK-UK)
 8990 U 0121 Novosibirsk Metro (continuous-RR/YL) (IK-UK)
 12451 A 2328 Radio Moscow feeder (in AM?) (SHR-FL)
 12690 C 0156 UYJ- Kaliningrad MARCO - CQ mkr (JHW-NJ)
 12693 C var. URD- Leningrad MARCO - DE/QSX mkr (RDG-AUST) (SF-CA)
 12925 C 2001 UDK2- Murmansk MARCO - callup to 4LS (FAC-UK)
 12970 C 2012 UFL- Sevastopol MARCO - CQ mkr (FAC-UK)
 13555 U 0200 unusual RR net with call signs of OX CARTI,
 MECHANIO, MARKSMAN, PARIS, etc (RLR-KS)
 15024 C 1605 RPNV- Moscow Aero wkg COL Havana (IK-UK)
 17115 C 2100 URB2- Kilaipeda MARCO - DE mkr into tfo (PAT-CA)
 18830 L 0013 Radio Moscow feeder (PAT-CA)
 YUGO: 8767 U 1544 Zagreb Aero clg Belgrade Aero (IK-UK)
 12780.5 C var. YUR5- Rijeka MARCO - V/QSX mkr (RMA-LA) (SF-CA)

 ANGO: 8562 C 0627 D3E51- Luanda MARCO - CQ mkr (SF-CA)
 12780 C var. D3E51/61- Luanda MARCO - CQ/QSX mkr (BLJ-TX) (SF-CA)
 CONG: 10057 U 2112 Brazzaville VOLMET - FF/OM (ES-WA)
 DJIB: 13042.6 C var. FUV- FF NAVRAD Djibouti- V mkr (BLJ-TX) (JH-AL)
 16504.8 C 0035 FUV- FF NAVRAD Djibouti- V mkr (GLT-NM)
 ISRL: 13051.5 C var. 4X0- Haifa MARCO - CQ/QSX mkr (JH-AL) (BLJ-TX)
 22491 C 2006 4X0- Haifa MARCO - CQ mkr (FWE-NJ)
 KEN.: 10057 U 2110 Nairobi VOLMET (ES-MA)
 11300 U 2342 Nairobi Aero wkg Luxair 181 (IK-UK)
 LIBE: 4886 C 0038 KKN44- USENB Monrovia - QRA mkr (SHR-FL)
 REUN: 8475.5 C 1225 FUX- FF NAVRAD - V mkr (GLT-NK)
 13215 C var. FUX- FF NAVRAD - V mkr (IK-UK) (DRH-FA)
 SAUD: 10476 I 2320 BSKSA Feeder (SHR-FL)

18373.0 0742 50/4225- BCT28- FTP Shanghai PRC - QFA mkr (FAC-UK)
 18419.2 0635 50/423r CLP67- EMBACUBA Baghdad IRAQ-w/CLP1 (AM-UK)
 18523.0 0630 75/4225r RKMVAL- BA (Gurkhas) Dahrann NEPL-w/Hong Kong(AM)
 18670.0 1126 50/425n TFS67- AFP Paris FRAN - EE/NX (RDS-NJ)
 18697.6 1130 50/4225n DRS70L3- DPA Hamburg FRG - EE/NX (RDS-NJ)
 18715.2 0638 SITOR FCW5- DU EMB Cairo EGPT- tfo FCW1 (JK-FRG)
 18886.9 2000 MKD- RAF Akrotiri CYPR- RY/FOXs (RMA-LA)
 18907.0 1945 50/850r KWF- RAF London KEN - RY/FOXs (RMA-LA)
 19280.0 1400 75/425n 4UV- UNO Nairobi KEN, UN tfo (RMA-LA)
 19302.8 1029 SITOR FCW10- DU EMB Islamabad PAKI- w/FCW1 (JK-FRG)
 19443.0 1310 50/422r Y7A77- MFA Berlin GDR-gg press/coded tfo (RMA-LA)
 19461.0 1300 75/850r NBA- USN Balboa PANA - testing (RMA-LA)
 19747.1 var. 50/422r 6VU79- Dakar Air SERNE- RYs/WX (RMA-LA) (RDS-NJ)
 19790.0 0135 50/850n CUP18- Monsant NAVRAD PORT- PP tfo (RDS-NJ)
 19877.7 0927 91A69- ZIANA Lusaka ZAMB - EE/NX (JK-FRG)
 20014.8 1730 50/422r CLP18- EMBACUBA Conakry GUIA- clg CLP1 (AM-UK)
 20300.0 1548 NFN- USN Azusa GUAM - coded tfo (AM-UK)
 20328.0 1122 6VK221- PAMA Dakar SENE - FF/NX (JK-FRG)
 20367.0 1540 NMO- USN North West Cape AUST- Iceling(JEB-CA)
 20520a 1855 75/850n LOI- Buenos Aires NAVRAD ARGN- RY/SGs (RMA-LA)
 20622.5 var. 75/422r 5KM- Bogota NAVRAD COLO- msg's OBC (AM-UK) (RMA)
 20627.5 1830 50/422r GNN- unknk ENG- press??- RYs/5 figure msg's (RMA)
 20714.4 1923 50/422r CLP18- EMBACUBA Dar-es-Salaam TANZ-w/CLP1 (AM)
 **Alex, which CLP18 is correct?? - see your 20014,8 kHz.....
 20876.5 2045 ASGII 110/850r XQ8AF1- Cerro Tololo Observatory CHIL
 20948.0 0653 50/4225n BUL EMB Luanda ANGO- tfo MFA Sofia (AM-UK)
 20987.0 1435 50/425n INDO EMB Algiers ALGE- tfo MFA Jakarta (AM-UK)
 21807.5 0728 50/425- Y0Y28- ACEFRPRES Bucharest ROM- QRA (FAC-UK)
 21876.0 1004 50/425n HSP21ZBNR- THAI EMB Bonn FRG-w/ New Delhi (AM-UK)
 22278.3 1054 100/425n Y7C34- GDR EMB Phom Penh KAMP-w/Berlin (AM-UK)
 22782.5 2000 100/425n WFN62- USIA New York - EE/NX (RMA-LA)

 *** VLF/LW/MW ***
 ROG- Rogers Muni Airport AR - NDB (CS-MO)
 AQQ- Alliance NE - NDB (LMT-SD)
 PPR- unknk (possible PFF Parsons KS) NDB (CS-MO)
 IBW- Kimal NE NDB (LMT-SD)
 PFS- Pittsburgh KS NDB (CS-MO)
 BOD- Bowman ND NDB (LMT-SD)
 FSR- Fort Scott Muni Airport KS - NDB (CS-MO)
 GNV- Champaign NE NDB (LMT-SD)
 CDV- Glendive MT NDB (LMT-SD)
 MSB- Lola KS NDB (CS-MO)
 YWA- GANNMIL Petawawa ONT CAN - NDB (MDL-ME)

SENE: 13410.0 C var. 6WV- FF NAVRAD Dekar- V mkr (PAG-UK) (JH-AL)
 16951.5 C 0050 6WV- FF NAVRAD Dekar- V mkr (GLT-NM)
 SOAF: 4283 C 0127 ZS12- Cape NAVRAD Silvermine- CQ mkr (JHW-NJ)
 5000 C 0030 ZU0- SFTS Pretoria (JH-AL)
 8604 C 0618 ZRH- Cape NAVRAD Fisantekraal- DE mkr (SF-CA)
 12849 C 0750 ZS15- Cape NAVRAD Silvermine- CQ/QSX mkr (RWA-IA)

**** ASTL/FAR EAST ****
 PRC.: 2500 A 0330 BPM- SFTS Xian CW ID (MDL-ME)
 15002 A 1329 BPM- SFTS Xian (WWS-IA)
 HONG: 22536 C 2358 VPS22- Cape d'Agular MARCO-time pips (PAT-CA)
 JPAN: 8447.5 C 1235 JOR- Matsudo MARCO - CQ mkr (GLT-NM)
 8523.4 C 0629 JRA- Nagasaki MARCO - CQ mkr (SP-CA)
 8828 U 1240 Tokyo VOLMET (JDM-MN)
 13282 U 1640 Tokyo VOLMET (MJI-ID)
 18877.5 C 0100 JDB- Nagasaki MARCO - CQ mkr (GLT-NM)
 16883 C 0055 JOU- Nagasaki MARCO - CQ mkr (GLT-NM)
 MLAY: 12677.9 C 1418 9W22- Penang MARCO - CQ/QSX mkr (RDG-AUST)
 PAKI: 13011 C 1836 ACP- Karachi NAVRAD - V mkr (PAC-UK)
 SING: 13071.5 C 1321 9VQ80- Singapore MARCO - CQ mkr (RDG-AUST)

**** PACIFIC OCEAN ****
 AUST: 6428.5 C 1230 VHF3- Canberra NAVRAD - V mkr (GLT-NM)
 8478 C 1235 V1X- Canberra NAVRAD - V mkr (GLT-NM)
 8711.6 C 1245 V1S65- Sydney MARCO - CQ mkr (GLT-NM)
 8805.7 U 1237 V1S- Sydney MARCO wkg m/v SVLJ (JDM-MN)
 8975 U 1256 AXJ- RAAF Perth wkg RAAF Sydney (JDM-MN)
 8975 U 1345 AXI- RAAF Darwin wkg RAAF Townsville (JDM-MN)
 11387 U 1300 Sydney VOLMET (JDM-MN)
 11435 U 1118 WVI30- Sydney PTP wkg m/v Morton (CS-MO)
 12000 A 0521 WNG- SFTS Lyndhurst (NM-TX)
 12290 U 1335 Radio Australia feeder (BLJ-TX)
 12907.5 C 0357 VHP- Canberra NAVRAD - V mkr (SF-CA)
 12994 C var. V1P4- Perth MARCO- V mkr (SHR-FL) (PAC-UK)
 22485 C 0035 V1X2- Canberra NAVRAD- V mkr (GLT-NM)
 6461 C var. FUM- FF NAVRAD Papette - V mkr (GLT-NM) (JEB-CA)
 12664 C 1035 FUM- FF NAVRAD Papette - V mkr (DRH-PA)
 17380 C 0030 FUM- FF NAVRAD Papette - V mkr (GLT-NM)
 3470 C 1240 NRY- CG Guam (Barrigada) CQ mkr (GLT-NM)
 GUAM: 21760 C 0815 NRY- CG Guam (Barrigada) WX warnings (RDG-AUST)
 HI...: 5643 U 1222 Honolulu Aero wkg Nandi Aero (JDM-MN)
 NCAL: 12856 C 0445 FUJ- FF NAVRAD Noumea - V mkr (SF-CA)
 16958 C 0030 FUS- FF NAVRAD Noumea - V mkr (GLT-NM)
 22461 C 0040 FUJ- FF NAVRAD Noumea - V mkr (GLT-NM)
 NZEL: 6393.5 C 1240 ZLB3- Avarua MARCO - CQ mkr (GLT-NM)
 6679 U 1052 Auckland VOLMET (SHR-FL)

**** QSLs ****
 ANGO: Luanda Radio- Ltr 30d 12780/22350.5 kHz (SB-CT)
 BRZL: PFO Olinda MARCO Ltr 21d 4298 kHz (SB-CT)
 CAN.: VFG- Gander VOLMET- Card 369d (PMD-NJ)
 VAL- Vancouver CCR- Ltr 21d 21RCS 8452.9 kHz (RDG-AUST)
 ENG.: BBC Feeder- Ltr 42d 6898 kHz (SB-CT)
 HI...: NMO- CG Honolulu Card 8765.4 kHz (DSK-TX)
 HONG: ZRO66- C&W Hong Kong- Ltr 49d 13941.5 kHz (SB-CT)
 ISRL: 4XZ- Haifa NAVRAD - Card 30d 8517 kHz (SB-CT)
 SPAN: EAD6- Aranzuez MARCO- Card 35d 22446 kHz (SB-CT)
 USA.: KFS- San Francisco MARCO- Card 32d 21RCS 8444.5 kHz (RDG-AUST)
 VENE: YVTO- SPTS Caracas- Card 12d 6100 kHz (PC-R1)
 YVTO- SPTS Caracas- Card 100d 21RCS 6100 kHz (TC-MN)
 LONG WAVE...
 HHY - Savannah Hardin Airport, TN - PFC 120d MS 242 kHz (HH-MD)
 MVL - Morrisville Stone State Airport VT - PFC 9d MS 375 kHz (HH-MD)
 BO - Logan Int'l Airport Boston MA- Ltr 19d MS 375 kHz (HH-MD)
 SHIPS...
 GBEF- SUN PRINCESS - Ltr 180d MS 500 kHz (HH-MD)
 WDF- NOAA TOWNSEND CROMWELL- PFC 101d MS 6506.4 kHz (RLK-NM)
 WA2351- CHERYL ANN- PFC in 16d MS 8295 kHz (HH-MD)
 KLHC- TROPIC SUN - PFC 39d MS 12429.2 kHz (HH-MD)
 VOTG- IRVING OCEAN- Ltr 40d CAN stamp 12330 kHz (HH-MD)
 GFRQ- UCANDA - Ltr 50d IRC 12400a kHz - this passenger ship, was at the
 time being used by ENG for troop/supply during Falklands war (HH)
 PUWT- KIELDRECHT - Ltr 32d for IRC 12544 kHz (HH-MD)
 GROU- MADEIRA - PFC 20d IRC 12542 kHz (HH-MD)
 WK5073- CAPTAIN BILL - PFC/pics 05d MS 12370 kHz (HH-MD)

**** We had a total of 55 utility contributors this issue.....

(RMA-IA) Rod Alexander	(JRJ-MS) Jack Jones
(HB-WA) Herb Bradley	(?K-OK) ? Karns
(SB-CT) Sam Barto	(IK-UK) Ian Kerr
(FWB-NJ) Fred Belghaus	(RLK-NM) Bob Kivell
(JEB-CA) Jason Berri	(JK-FRG) Joerg Klingenfuss
(CC-DE) Cornelia Campbell	(KWK-VA) Kraig Krist
(FC-RI) Peter Card	(RAL-CH) Rob Leary
(WOC-AZ) editing only	(MDL-ME) Mike Leonard
(MDC-NY) Mark Chinsky	(RUJ-CA) Bob Lewellyn
(RJC-MA) Bob Coleman	(DSM-TX) David McNally
(PAC-UK) Peter Conway	(AM-NY) Anne Montminy
(PMD-NY) Phillip Dampier	(AM-UK) Alex Moore
(LSD-NJ) Larry Danko	(MM-TX) Michael Moore
(AJD-NJ) A.J. Delnet	(RWP-ME) Roger Pettengill
(GF-NY) Gonzalez Fernando	(RLR-KS) Bob Rankin

NZEL: 8598.4 c 1245 ZLO- Iriirangi NAVRAD - CQ mkr (GLT-MN)
11130 c 0458 ZLX22- Wellington Metro- Cq mkr (JEB-CA)

**** SHIPS ****

4097.0 S 0201 ELTIP- AL RAZTIQ wkg WOM (FWB-NJ)
4410.1 U 1141 H.K. BECK (tug) wkg St. Louis MO IWAR (JDM-MN)
6200 U 1211 WDOO- NOAA OREGON 2 wkg unid sta (JRJ-MS)
6506.4 U 1202 NJSU- CGC CAPE CARTER wkg CG San Francisco (JDM-MN)
6506.4 U 1033 NODJ- CGC SWEETRIAR wkg CG Kodiak (JDM-MN)
6506.4 U 1037 NODTS- CGC DAUNTLESS wkg CG Miami (JDM-MN)
8198.1 U 0225 NORSE VENTURE p/p via WOM (AJD-NJ)
8605.7 U 1303 MARINE GENIE wkg VIS Sydney (JDM-MN)
8811.9 U 0015 SONG OF AMERICA p/p via WOM (JDM-MN)
13107 U 1345 GENERAL LEE p/p via WOM (JDM-MN)
13113.2 U 1933 NPMG- USS MARS wkg CG San Francisco (RWP-ME)
13128.7 U 1938 ODYSSEY p/p via WOM (JDM-MN)
16485 U 0142 WFTT- BAY RIDGE clg WOM (JRJ-MS)

**** AIRCRAFT ****

5598 U var. TWA 900/904- SPEEDIBIRD 274 wkg Gander Aero (JDM-MN)
5643 U var. QUANTAS 11 - JAPAN AIR 77 wkg Nandi Aero (JDM-MN)
5696 U var. CG 1477, CG 2124 wkg CG New Orleans (JDM-MN)
5696 U 1159 CG 1603 wkg CG Kodiak (JDM-MN)
5696 U 0100 CG 1491 wkg CG Boston (BCW-VA)
6577 U var. CAPITOL 222, CUBANA 477 wkg New York Aero (JDM-MN)
6577 U var. AMERICAN 684, CAPITOL 222 wkg New York Aero (RF-WL)
8825 U 0245 AIR FRANCE 232 wkg Santa Maria Aero (JDM-MN)
8864 U 1152 GLIPPER 99 wkg Gander Aero (JDM-MN)
8891 U var. GANMIL 5517, IBERIA 952 wkg Gander Aero (JDM-MN)
8891 U 1435 GANMIL 1041 wkg Churchill Aero (JDM-MN)
8894 U 0254 AEROFLOT 243 wkg Tripoli Aero (RUL-CA)
8903 U 1241 JAPAN AIR 78 wkg Tokyo Aero (JDM-MN)
8903 U var. SOUTH PACIFIC 401/414 wkg Guam Aero (JDM-MN)
8903 U var. GLIPPER 11, SOUTH PACIFIC 410 wkg Honolulu (JDM-MN)
8918 U var. AIR TRANS 202, CAPITOL 215 wkg New York Aero (JDM-MN)
8942 U 1140 KOREAN 985 wkg Singapore Aero (JDM-MN)
8964 U 1044 MAC 60172 p/p Travis CP via Hackam Alys (JDM-MN)
8975 U var. GANMIL 8453 wkg GANMIL St. Johns (JDM-MN)
8984 U 0200 CG 1454 p/p RCC via CG San Francisco (MWS-IA)
8984 U 1314 CG 1414 wkg CG 1700 (JDM-MN)
10048 U 1249 JAPAN AIR 12 wkg Tokyo Aero (JDM-MN)
10048 U var. NORTHWEST 2/8 wkg Anchorage Aero (JDM-MN)
10066 U 1210 AIR INDIA 214 wkg Calcutta Aero (JDM-MN)
11579 U 1805 AIRBAC 38083 p/p Andrews Metro via Loring (ISD-NJ)
11273 U 1345 GANMIL 7140 wkg GANMIL Trenton (JDM-MN)

(MF-WI) Michael Fisher
(RFB-MO) Bob Flick
(SF-CA) Stan Forsman
(RDG-AUST) Roger Gannon
(TC-MN) Thomas Gavaras
(JH-AL) John Hancock
(DRH-PA) Don Hein
(RWH-NY) Ruth Hesch
(HH-MD) Hank Holbrook
(RH-RI) Bob Horvitz
(MWJ-ID) Mark Johnson
(BLJ-TX) Brian Jones

(SHR-FL) Steve Reinstein
(MWS-IA) Michael Scheel
(GHS-IL) Greg Shepherd
(CS-MO) Charles Shryock
(ES-WA) Ed Soomre
(RDS-NU) Richard Stein
(LMT-SD) Lyle Taylor
(GLT-NM) Glenn Thompson
(PAT-CA) Peggy Thompson
(JHW-NU) John Walters
(JDM-MN) John Williams
(BCW-VA) Bernie Wimmers
(TJY-MD) Tom Yingling

**** SRGU... As of this date, two installments are available. This includes sections on: (1st) Ute Basics, Morse Code Primer, Commercial Aeronautical, (2nd) US Coast Guard, SLHFB Report (Single Letter HF Beacons)

7x9 inches in size, 157 pages (so far) Price includes a 3-ring binder. COMBINED 1st, 2nd & binder package:

USA/Canada - \$12.00 book rate or \$14.00 1st class
Foreign - \$14.00 book rate or \$21.00 Airmail (this includes binder)
\$ 9.00 book rate or \$13.00 Airmail (no binder)

Checks or money orders USA ONLY... All other areas send International money order or bank draft..... Ordering address:

SPEEDX
P.O. Box E
Lake Elsinore, CA
U.S.A. 92530

**** For those of you who have already purchased the 1st installment, the 2nd installment prices out as:

\$3.50 book rate or \$4.50 1st class (USA/Canada)
\$4.00 book rate or \$6.00 Airmail (Foreign)

**** SRGU 3rd Installment... It is now being worked up. If data all falls together, it should include:
Mailing Addresses for Commercial Aeronautical, Maritime Mobile plus mailing addresses. Basics of Utility QSLing, including a multilanguage multipurpose text for reception reports and prepared form card/letter QSLs, VLF/LW Primer, and possibly other Basics Section add-ons.....

11279.0 U var. SAS 404/GLIPPER 125 wkg Reykjavik Aero (JDM-MN)
 13291 U var. MAC 60166/TWA 755 wkg Gander Aero (JDM-MN)
 13291 U 1412 CONDOR 340 wkg Gander Aero (JDM-MN)
 13306 U var. AIR FRANCE 235/ KLM 621 wkg Gander Aero (JDM-MN)
 13306 U var. KLM 677/ LUFTHANSA 440 wkg Gander Aero (JDM-MN)
 18666 U 2056 CG #1 p/p via Atlas (LSD-NJ)

**** TACTICAL ****

4721.0 U 0104 TROUT 98 wkg Andrews AFB MD (RWP-ME)
 4746 U 0353 GULL 23 p/p Raymond Metro via LaJes Aways (LSD-NJ)
 4746 U 0229 IVORY 73 wkg MacDall Aways (CG-DE)
 6683 L 1407 AIR FORCE ONE wkg Andrews AFB (RAL-OH)
 6697 U 0030 JITTERBUG wkg CATTLEMAN (MDC-NY)
 6715 L 0220 SAM 31682 p/p via Andrews AFB (RAL-OH)
 6738 U 1226 NAVY LIMA LIMA 511 wkg McClellan Aways (JDM-MN)
 6746 U 1232 GOLF 3 TANGO wkg MIKE 5 ROMEO (JDM-MN)
 6756 U var. SAM 27000 wkg Andrews AFB (RJH-RI) (RAL-OH)
 6756 U 0154 MUSIC 10 p/p via Andrews AFB MD (GHS-II)
 6756 U 1413 VENUS 26 wkg Andrews AFB MD (RAL-OH)
 6756 U 0102 TROUT 98 p/p SAM CP via Andrews AFB (RWP-ME)
 6761 U 0141 EYELASH wkg HYPER 69 (CG-DE)
 6863 U 0457 KITTY HAMK wkg LOOKING GLASS for RTTY cord. (RJH-RI)
 7910 U 0227 SAM 24126 wkg Andrews AFB- voice & data (RLR-KS)
 7910 L 1238 SPAR 76 wkg Andrews AFB (LSD-NJ)
 7919 U 0210 HIP BONE r/c with SPINACH (LSD-NJ)
 7935 L 4450 DURANT r/c with CLOTHSTREE (RLR-KS)
 8771 U 1226 RASPBERRY CORPUS CHRISTI wkg RASP. PENSACOLA (JDM-MN)
 8771 U 1339 SPARTAN WX wkg RASPBERRY CORPUS CHRISTI (JDM-MN)
 8967 L 0316 SAM 86970 wkg Andrews AFB (LSD-NJ)
 8970 U 2100 ECHO 9 JULIET wkg TANGO 9 INDIA (RAL-OH)
 8975 U 1326 STRIKER 956 (RAAF) wkg AIR FORCE SYDNEY (JDM-MN)
 8993 U 0117 JOYCE 89 wkg MacDall Aways (RWP-ME)
 8993 U 0110 SAM 24197 p/p SAM CP via Albrock Aways (RWP-ME)
 9007 L 1743 SAM 31682 wkg Andrews AFB (RJH-RI)
 9014 U 0247 TIGER 10 wkg Loring Aways (RAL-OH)
 9014 U 1216 SAM 24199 p/p SAM CP via Scott Aways (RJH-RI)
 9018 U 0107 TROUT 98 wkg Andrews AFB (RWP-ME)
 9023 U 1332 SCOOTER wkg SCUTTLE & STARGAZE (JDM-MN)
 9027 U 0511 STEALTH wkg STILL 15 & PING PONG (RJH-RI)
 9160 U 0225 SAM 24126 wkg Andrews - voice & data (RLR-KS)
 10606 L 0010 YANKEE YANKEE wkg YANKEE SIERRA- EE w/ SS accent (RAL-OH)
 11118 U 1517 SLINKY wkg SINCERE, GEMENT, LIGHT BLUB (MDC-NY)
 11118 U 1456 SHAMPOO wkg MELVIN (RAL-OH)
 11118 U 1408 SHAMPOO wkg PUSHBALL, SORROW, BATHROBE (RJH-RI)
 11176 U 0251 RANGER/INDER p/p RAYMOND 09 via Albrock Aways (GHS-II)
 11176 U 2058 DAO-00A1 p/p PHANTOM via Incirlik Aways (RWP-ME)

**** A&T/C List.... Almost every month this column acquires loggings from new first time reporters. For many, the Utility Scene's compressed data format appears to be some sort of code. Space restrictions require a heavy usage of abbreviations.

This editor offers a 9 page listing of Abbreviations & Terminology plus Country Codes (A&T/C list). It is available to anyone in return for (1) first class stamp or IRC. This A&T/C list fits the SRGJ 3-ring binder.... Send A&T/C list requests to me, NOT Speedx.....

**** NOTE: Usually from October through May, this utility column gets very heavy input from you contributors. Since this will mean extensive dumping of excess loggings, due to a lack of available line spaces, I am now asking this:

Think about sending in, primarily your better than average loggings. Quality rather than quantity, will help me out during those heavy input months.....Many TXN

**** Duplicated Loggings... Many of you Speedxers are members of other US based short wave clubs. You send in loggings to both, but in some instances, they are the exact same thing. (a-la xerox) Granted your motivations are pure; you want to support both clubs, but there is a certain amount of illogic in the duplicated logging approach.

The rationale is; if you are willing to pour subscription fees into two or more US based SW clubs, then you should obtain the maximum benefit from such expenditures. Seeing the same loggings in club X & Y, really defeats the purpose, for in essence you are wasting your own money.

Granted not every contributor has a dual club membership, but many of the most active ones do. When a high percentage sends in duplicated loggings, one club column ends up as a rehash of the other.

Certain club editors are of the same mind on this. We are not suggesting that you should play favorites, or abandon one of the other clubs. What we hope you would consider is this:

If say you log 30 xmsgs, send 15 to club X & 15 to club Y. In this manner, each club column has unique loggings, and this in the long run benefits both clubs and you. If this splitting up of submissions can be practiced, then all will realize that when you scan the club X utility column, you will see loggings found nowhere else. You therefore get your money's worth each and every month. This would apply to the run of the mill loggings. If you monitor a really

- 11179.0 U 1309 NAVY LIMA WHISKEY 211 wkg Loring Aways (JDM-MN)
- 11182 U 1653 HEAD DANGER wkg Scott Aways (RJH-GA)
- 11182 U 1716 TAILPIPE REPEATER wkg Scott Aways (RJH-GA)
- 11182 U 1705 MUSIC 50 p/p NAS So. Weymouth via Scott (RJL-GA)
- 11188 U 2109 OSCAR ALPHA wkg SKYKING (RAL-OH)
- 11226 U 1153 SAM 12496 wkg Andrews AFB MD (RAL-OH)
- 11234 U 1756 ASCOT 4424 wkg ASCOT 4423/clg ARCHITECT (RJL-GA)
- 11239 U 1554 THUNDERBIRD 14 p/p DISCARD via McChellan (JDM-MN)
- 11243 U var. ADJACENT clg DROVER, DROVER clg SPOOK 21 (RJH-RI)
- 11246 U 0053 GULL 24 p/p Elmendorf AFB via MacDall Aways (LSD-NJ)
- 11246 U 1650 AGAR 25 wkg MacDall Aways (RJH-RI)
- 11246 U 1551 TEAL 44 p/p MIAMI MONITOR via MacDall Aways (BCW-VA)
- 11246 U var. ASCOT 5061 & IVORY 17 wkg MacDall Aways (JDM-MN)
- 11249 L var. SPAR 60 wkg Andrews AFB (GHS-IL) (LSD-NJ)
- 11249 L var. AIR FORCE TWO/SAM 26000 p/p via Andrews (RJH-RI) (LSD-NJ)
- 11249 L 1145 SAM 31682 wkg Andrews AFB (RAL-OH)
- 11267 U 1538 YANKEE 9 CHARLIE wkg KILLO 5 GOLF (JDM-MN)
- 11460 U 1210 SAM 86972 p/p SAM CP via Andrews (RAL-OH)
- 11460 U 1237 SAM 27000 wkg Andrews AFB (LSD-NJ)
- 11494 U 1630 BEN 21 r/c with BEN 94,88,79,24,19 (JDM-MN)
- 11530 L 0052 OKLAHOMA wkg ACROBAT (MDC-NY)
- 11535 L 0100 ACROBAT RTTY cord. with OKLAHOMA (RLR-KS)
- 12090 U 1737 HEAD DANGER p/p via Scott Aways (RJL-GA)
- 12255 U 1738 QUEBEC 8 DELTA wkg OSCAR 19 (GHS-IL)
- 13170 U 1418 AWRY ONE wkg AWRY TWO (RJH-RI)
- 13181 U 1638 SAC GIANT TALK xmsn (MWJ-ID)
- 13181 U var. LIMA 0 ROMEO wkg BRAVO 6 LIMA-(USN) (MWJ-ID)
- 13211 U 1720 EAR TAG with coded t/c (GHS-IL)
- 13214 U 1400 FIRE 15 wkg BAKER (RAL-OH)
- 13215 U 1820 PATCOM 01 wkg Andrews AFB (LSD-NJ)
- 13224 U 1303 KIVI 942 (RNZAF) wkg AIR FORCE AUCKLAND (JDM-MN)
- 13247 U 1727 SAM 12488 p/p SAM CP via Andrews AFB (GHS-IL)
- 13247 U 2113 SPAR 57 p/p SAM CP via Andrews (RLR-KS)
- 13455 U 1835 SAM 24126 p/p via Andrews AFB (RJH-RI)
- 15015 U 2216 RANGEFINDER p/p via Albright Aways (RJL-GA)
- 15015 U 4838 SHAMPOO p/p via Scott Aways (RJH-RI)
- 15015 U 1419 IVORY 47 p/p Little Rock via Scott (RJL-GA)
- 15021 U 1607 ASHLEY 12 wkg AGAR 24 (RJH-RI)
- 15048 L 1411 SAM 50496 wkg Andrews AFB (RJH-RI)
- 15048 L var. TROUT 98 & SAM 24126 wkg Andrews AFB (LSD-NJ)
- 17993 L 1334 SAM 50496 p/p via Andrews AFB (RJH-RI)
- 18000 U 1348 RAT ONE wkg RAT TWO - RTTY cord. (RJH-RI)
- 18002 U 1610 "99" p/p Moran AB via Loring Aways (MDC-NY)
- 18005 U 1609 DOUBLE BAR with coded message (JDM-MN)
- 18006 U 1608 NIGHT LONG clg DOUBLE BAR (MDC-NY)

rare or unique station, then by all means send it to both.

**** SRGU Needs: I'm looking for anyone who is qualified in the areas of telephone landline patching. This would cover voice or computer interface, directly to a transmitter. My specific data request concerns electronic signals used to indicate circuit link up, prior to actual traffic, and circuit interrupt signals. (such as MODEM disconnect during link up) If anyone is familiar with these, could you please contact this editor.....TNX

**** Long Wave Beacons... Some of you have asked if there is a publication showing US/Canadian and Foreign long wave NDBs/AM mode weather broadcasts. Yes there is an excellent publication. It is titled, "THE BEACON GUIDE". It contains, by frequency, a North American & Foreign section, plus a call letter cross reference.

I do not know the current price. Information can be obtained from:
 Long Wave Club of America
 P.O. Box 33188
 Granada Hills, CA 91344

**** GREENPEACE, the controversial marine environmental foundation, is currently interested in obtaining frequency, xmsn times, network data, on illegal whaling operations, both by independent units and certain nations. If you have data, you are asked to contact:
 GREENPEACE RADIO
 435 Utah Street
 San Francisco, CA 94110

**** Note: This request is not an endorsement of Greenpeace methods or policies by Speedax.... Off the record, this editor hopes Greenpeace rams it to them.....

Hope all of you had an enjoyable summer (weather notwithstanding)
 73s Gang.....

QSL

REPORT



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



EDITOR:

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

VIA AEREA

Welcome to the world of QSLing. Join us for a brief trip around the planet, seeking the rare, and the not so rare QSL...

***** AFRICA *****

- ASCENSION ISLAND-BBC Relay-11820, f/d PFC in 1 yr, 2½ months after f/up directly to site (Holbrook-MD).
- BENIN-ORTB-Parakou-5025, Bio Guera Square card with no data handwritten veri statement on reverse in FF. In 90 days for FF rpt and 3 irc sent registered air mail (Lobdell-MA). Lamda warriors card with handwritten veri statement on reverse for 2 irc and FF rpt (Stephany-NY).
- CAMEROON-R. Bertoua-4750, f/d form letter requesting donations in 39 days for EE rpt and ms (Kivell-NM). V/S-James Achanyi-Fontem.
- CANARY ISLANDS-REE-15365, f/d art card in 23 days along with stickers and pennants for 1 irc and SS rpt (Van Horn-TX). Art card in 34 days for STLRP (Speedx Tri Lingual Report Form) (Talbot-WI). In 28 days for SS rpt (Mahoney-FL). 11815, f/d art card in 61 days (Lipman-NY).
- CAPE VERDE-Radio Voz de São Vincente-3930, date/wrong freq letter in 124 days for 2 irc and EE/PP rpt (Stephany-NY). 7154, no data logo card for PP rpt and 2 irc in 24 days (Hosmer-MI).
- EGYPT-Radio Cairo-?????, Mosque card in 60 days (Klosowski-FL). V/S Rita.
- GABON-Africa No. One-15200, no QSL-but a R. France Int'l sked and pennant from France, when report was sent to Gabon???(McKeon-IN).| | ++ (Dillaman-OH)
- IVORY COAST-R. Abidjan-7215, f/d card in 32 days for FF rpt and 2 irc ++
- LIBERIA-ELBC-6090, The Sound of Progress card in 5 mo for EE rpt and 1 irc (Witte, CA). Same in ?? days for 1 irc (Van Horn-TX). Same in 27 days for EE rpt and ms (Mahoney-FL). V/S-Tom Srorton-Maint. Eng.
- LIBYA-R. Jamahiriya-11816, Freq only letter in 24 days for 2 irc (Parks-FL). Date/freq form letter in 175 days (Golab-IL). Same in 125 days (Fisher-MA). Same in 240 days (Welch-MA). V/S-Mohammed Sweidan. All of these were thru P.O. Box 17, Hamrum, Malta.
- NAMIBIA-R. SWA-3270, f/d Aloe Dichotoma card in 37 days for 2 irc and EE rpt. Also recd books on Namibia (Dampier-NY).
- NIGERIA-FRCN-Kaduna-4770, f/d form letter in 53 days for ms (Schlesinger-TX). V/S-Yusuf Garba. FRCN-Enugu-6025, f/d letter in 39 days for 2 irc (Walters-NJ). V/S-P.A.O. Orogbu. Bendel Ecstng Service-4932, f/d letter in 9 wks (Barto-CT). V/S-L.I. Asoera, Chief Tech. Officer. VON-15120, f/d Remembrance Arcade Card in 365 days for 2 irc (Greenbauer-AZ).
- RWANDA-DW-17800, 30th Ann Card with f/d in 28 days (Welch-MA).
- SAO TOME E PRINCIPE-R. Nac-4807, f/d form letter in 28 days (Dampier-NY).
- SEYCHELLES-FEBA-11955, F/d map card in 27 days for 2 irc (Card-??).
- SOUTH AFRICA-R. RSA-9585, 9615, 25790, f/d Elephants card in 19 days (Bingham-MA). Ebebezer Dam card in 15 days (Klosowski-FL). Same in 22 days (Mahoney-FL). Johannesburg skyline card in 32 days along with pennant (Brewer-AR). Dam card in 54 days for 2 irc (Swinn-CA). Skyline and Cheetah cards in 20 days (Ducos-France). Radio 5-3250, f/d industry card in 37 days (Dampier-NY).
- SWAZILAND-Radio SR-6155, f/d Swazi Warrior card in 117 days for 2 irc was recd by Stephany-NY.
- TUNISIA-Radioduffusion Television Tunisienne-15225, f/d Oasis card in 5 months for 2 irc (Campbell-CT).
- ZAMBIA-ZBS-4911, plain card in 78 days for 2 irc (Kivell-NM). V/S-Peter Musuba. Card was full data.
- ZIMBABWE-ZBC-3396, p/d card in 60 days (Barto-CT).



THE
FALKLAND ISLANDS BROADCASTING
STATION

*****EUROPE*****

- ALBANIA-Radio Tirana-6200, 7065, 7300, date/time revolution card in 432 days after 6 f/ups (Dampier-NY). F/D card in 150 days (Van Horn-TX). Same in 106 days. (Greenbauer-AZ).
- AUSTRIA-ORF-5945, 9770, 6155, 11665, f/d cards: in 42 days (Speer-CA). In 67 days (Bingham-MA). In 50 days (Dillaman-OH). In 142 days (Mahoney-FL). In 60 Days for 2 irc (Hull-WA). In 34 days (Harrington-CO). In 65 days (Hesch-NY). In 23 days (No Name!!). In 50 days (Mahoney-FL). Most also received stickers and all recd skeds.
- BELGIUM-BRT-6225, 9880, 11695, 17610, 17550, QSL and sticker in 25 days (Ducos-France). Palace card in 33 days (Blanchette-FL). Monument cards in 49 and 51 days (Klosowski-FL). Form letter in 22 days with f/d (Bingham-MA). Card in 53 days (Demmitt-PA). Form letter in 23 days for 1 irc (Kapinos-MA). *Remember, only DX club members get QSL cards, the rest get form letters...lnk*
- BULGARIA-R. Sofia-9700, f/d Mausoleum card in 43 days (Muzyka-NY). f/d Soviet Army Monument card in 120 days (Deinet-NJ). National Academic Theatre card in 46 days (Bingham-MA).
- CZECHOSLOVAKIA-Radio Prague-6055, 11990, f/d card in 47 days (Ducos-France). Same in 129 days for 1 irc (Moore-TX). Same in 122 days for 2 irc (Card).
- DENMARK-R. Denmark-15165, 1/4 of painting card with f/d for 1 irc in ... *oh oh, John, you forgot the time-lnk* (Kapinos-MA). Same in 24 days for 1 irc and Danish report (Robinson-TN).
- FINLAND-R. "This is not the A & P", Finland-17800, nothing in 31 days for nothing (Kapinos-MA). *That's what John called it...lnk*
- FRANCE-Radio France Intl-QSL and Pennant in 20 days and also in 34 days (Ducos-France). F/D card in 29 days for 1 irc (Kapinos-MA). Oops freq was 7135 for both.
- GERMAN DEMOCRATIC REPUBLIC-RBI-QSLs in 29 days (Ducos-France) Freq was 7185. 6080, 6115, f/d but wrong freq card along with postcard and peace papers in 74 days (Arland-UK). 11975, f/d GDR scenes in 18! days (Kapinos-MA).
- GERMAN FEDERAL REPUBLIC-Radio Free Europe-21720, freq only card in 7 days for 40¢ US ms to NY office (Deinet-NJ). VOA-Munich-3980, Rodeo card in 7 days (Soomre-MA). DW-6040, 6085, f/d card in 57 days (Schulsinger-OH). Date only monitors card in 60 days (Jones-VA). F/D map card in 31 days (Klosowski-FL). V/S-Pete Sluge. *Lozi-1 think that the day/month or month/day dating depends on who fills out the card...lnk*
- GREECE-BRT-9865, f/d card in 65 days for tape (Dampier-NY). VOA-Rhodes-15305, f/d rodeo card in 8 days (Hosmer-MI). VOA-Kavala-7205, f/d rodeo card in 5 days (Hosmer-MI).
- HUNGARY-R. Budapest-9835, 11910, 12000, 15220, f/d cards in about 25 days along with skeds and magazines recd by: (Ducos-France) (Muzyka-NY) (Harrington-CO) (Kapinos-MA) (Bingham-MA).
- ITALY-RAI-9575, f/d cards in 100 days (Deinet-NJ). In 106 days (Lipman-??).
- LUXEMBOURG-R. Luxembourg-6090, p/d photo card in 38 days for 2 irc (Hosmer-MI). Same in 40 days no rp (Bingham-MA).
- MALTA-R. Mediterranean-6110, f/d map card & sticker in 15 days for 1 irc (Deinet-NJ). IBRA/ICR-9515, CN Tower cards in 28 days for 1 irc (Sato-Japan). Same in 56 days for ms (Schulsinger-OH). In 36 days for 1 irc (Soomre-MA). Cards were f/d.
- MONACO-TWR-9495, Monte Carlo card in 34 days for 2 irc (McKeon-IN). Same for same in 90 days (Lipman-NY). 11690, f/d card for irc in 13 days (Kapinos-MA).
- NETHERLANDS-5955, 17605-f/d card in 15 days along with stamps (Arland-UK). Same in 17 days for irc (Kapinos-MA). Station was Radio Netherlands.
- NORWAY-Radio Norway-6015, 9610, 11870, date/freq cards in 18 days for irc (Kapinos-MA). In 33 days along with sticker (Tilley-CO). In 22 (Ducos).
- POLAND-R. Polonia-6095, 7270, 9595, f/d card in 32 days (Dampier-NY). Same in 110 days for irc (Card-??). Same with pennant in 160 days (Ducos)
- PORTUGAL-AWR-9670, f/d card in 6 days along with calender and pennant thru London address (Arland-UK). IBRA-9670, QSL in 17 days (Ducos-France) Radio Portugal-6075, 9575, 11925, f/d postcards with rubber stamped QSL statements recd in: 24 days (Klosowski-FL). In 46 days (Bingham-MA). In 24 days (Speer-CA). In 28 days for irc (Kapinos-MA). In 74 for irc (Robinson-TN). In 32 days for 2 irc (Cox-CA).
- ROMANIA-R. Bucharest-various freq cards in 75 day average for no rp by: (Deinet-NJ) (Mahoney-FL) (McKeon-IN) (Bingham-MA) (Ducos-France) (Kanopka-NY). Same also recd orange pennant.
- SPAIN-REE-Various freq cards in 40 day average for no rp by: (Speer-CA) (Swin-CA) (Ducos-France) (Robinson-TN) (McCants-AL) (Talbot-WI) (Cuthill-ON) (Demmitt-PA).

SWEDEN-Radio Sweden International-various freq 35th Ann cards in 23 days (Cuthill-ONT). In 30 days (Campbell-CT). In 22 days (Tilley-CO). In 22 days (Demmitt-PA). In 15 days (Wilkins-CO). 17841 SSB, in 20 days for an irc (Kapinos-MA).

SWITZERLAND-Swiss Radio International-6165, 9725, 11715, f/d studio cards in 39 days (Lieu-CA). In 29 days for 2 irc (Cox-CA). In 25 days (Arland-UK). In 40 days (Demmitt-PA).

YUGOSLAVIA-Radio Jugoslavia-9620, f/d card and stickers in 90 days (Card-?).

*****USSR*****

RADIO MOSCOW SITES-12020 via Moscow (Ducos-France). 9765, 11750 via Lvov, 11735 via Vinnitsa, 15135 via Petropavlovsk-Kamchatsky (Welch-MA). 15530 via Ivano-Frankovsk, 15515 via Tashkent (Hosmer-MI). 11735 via Vinnitsa, 11755 via Vladivostok, 11960 via Kenga, 15175 via Armavir, 15395 via Tashkent (Greenbauer-AZ).

All were recd in about 45 days for no return postage.

RADIO MOSCOW-NO SITES-9650, 11840 along with pennant (Demmitt-PA). 15100-(Wilkins-CO). 15495 Africa service, card, letter in 53 days without site tho requested (Drollinger-WI).

R. Vilnius-12060, f/d peace card in 98 days for 2 irc (Ward-QUE).

R. Peace & Progress-19mb, orange card in 38 days with sked (Drollinger-WI) card contained only date and time.

R. Kiev-17900, 15100, f/d card in 62 days along with sked and Ukrainian flag (Mahoney-FL). QSL folder in 76 days (Greenbauer-AZ).

*****ASIA*****

AFGHANISTAN-4450, f/d card in 60 days (Barto-CT). I forgot-R. Afghanistan
CHINA-R. Beijing-15520, f/d Radio Peking card and pennant in 30 days (Demmitt-PA). Great Wall card and sticker in 20 days (Cuthill-ONT).

Same along with tape of music for 3 irc (Swin-CA).

INDIA-AIR-9912, Lioness card in 44 days (Ducos-France). Northern gate picture card in 43 days for 2 irc (Drollinger-WI).

INDONESIA-RRI Ternate-3345, date/freq Indo letter in 84 days for 2 irc and Indo report (Parks-FL). Reply was recd by registered mail and V/S was Rusdy Bachmid, Kepala Seksi Siaran. RRI Pekanbaru-????, letter in 3 months for Indo rpt (Barto-CT). RRI Medan-3474, f/d card in 3 months for Indo rpt (Barto-CT). V/S-Cornell R.H. Tobing.

IRAQ-R. Baghdad-9745, large f/d folder card in 150 days for 2 irc (Card-?).

ISRAEL-Kol Israel-9440, 9815, 11655, QSL in 66 days (Ducos-France). F/D Kol Israel tri lingual card in 50 days (Talbot-WI). Same in 59 days (Demmitt-PA). Same in 51 days along with apology for running out of pennants (Kanopka-NY).

JAPAN-R. Japan-Various freq no time cards were recd by (Speer-CA)(Gammie-MI)(Blanchette-FL)(Ducos-France)(Mahoney-FL). Time was 11 to 32 days and all recd skeds and other stuff.

MONGOLIA-R. Ulan Bator-12070, QSL and stamps in 49 days (Ducos-France).

F/D card in 85 days for 3 irc (Lipman-NY).

PAKISTAN-Pakistan Bcstng Corp-17840, freq/time card in 4 months for 2 irc (Campbell-CT).

PHILIPPINES-VOA Poro-6110, f/d card in 8 days (Parks-FL). FEBC-11840, f/d logo card in 53 days for \$2.00 US (Lipman-NY). Morse code card in 27 days for 2 irc (Schulsinger-OH).

SINGAPORE-Radio Singapore-11940, f/d city skyline card in 33 days for 2 irc (Van Horn-TX). Same in 30 days for 2 irc (Speer-CA). Skeds were also recd. V/S-Kenneth A. Rappa.

SOUTH KOREA-R. Korea-7550, f/d card in 75 days (Barto-CT). Pagoda card in 53 days with pennant (Brewer-AR). 9570, Same in 64 days (Demmitt-PA). 11830, Flag card in 57 days (Lieu-CA). Time/freq card in 57 (Tilley-CO).

SRI LANKA-AWR via SLBC-15120, f/d do it yourself cards in 16 days for 2 irc (Sato-JAPAN).

TAIWAN-VOFC-11860, f/d cards and other stuff in 19 and 24 days (Ducos-FR).

TURKEY-Voice of Turkey-11740, f/d card in 51 days for irc (Gunter-NC).

Same in 21 days (Bingham-MA). Same for an irc in ? (Kapinos-MA).

Turkish ruins card in 27 for an irc (Moore-TX).

U.A.E.-U.A.E. Radio-17775, QSL and pennant in 50 days (Ducos-FR). Card in 30 days (Johnson-IL). 17830, card and stamps in 19 days (Arland-UK). Card and pennant in 56 days for 2 irc (Talbot-WI). Same in ?? for 21655 khz (Drollinger-WI). Same in 27 days with request for reports (Kapinos-MA). *They need reports so let's oblige them with many...lnk*

VIETNAM-VoV-15012, f/d card in 463 days (Dampier-NY).

*****PACIFIC*****

AUSTRALIA-ABC-Brisbane (VLQ-9)-9660, f/d ABC map card in 32 days for an irc (Talbot-Alberta). Radio Australia-Lyndhurst-15160, f/d Platypus card in 23 days (Harrington-CO). 15240 (10 Kw), f/d fairy penguins card in 23 days for an irc (Kapinos-MA). Via Shepparton-17795, f/d platypus card in 15 days (Tilley-CO). Kookaburra birds card in 20 days for an irc (Kapinos-MA).

COOK ISLANDS-Cook Islands Broadcasting and Newspaper Corp.-11760, f/d Conch Horn card in 26 days for 3 irc (Mahoney-FL). V/S-Noorooa E. Tangaroo-Director and Chief Tech.

GILBERT ISLANDS-KIRIBATI-R. Kiribati-16433SSB, f/d canoe race card in 49 days for SASE (not used) and EE rpt (Hosmer-MI). V/S-Miss T. Benetito.

MARIANA ISLANDS-GUAM-KTWR-11840, f/d palm trees card in 30 days for ms, also recd sked and pennant (Ryeder-FL). Same in 19 days for ms (Brewer-AZ). Same in 53 days for US\$2.00 (Lipman-NY). SAIPAN-KYOI-11900, f/d Super Rock card in 104 days for ms (Schlesinger-TX).

NEW ZEALAND-R. New Zealand-15485, f/d scene card along with pennant in 21 days for 4 irc (Kapinos-MA). 17705, Photo card in 13 days for 2 irc (Gammie-MI). f/d card and pennant in 13 days for 2 irc (Mahoney-FL). Also recd was a note asking for 4 irc for next QSL card requested. *RNZ is always in danger of being cut out of the budget, so to help them stay on the air I recommend that you do send the requested 4 irc when asking for a QSL card. The letters that they receive can help keep them on the air, but they can also put them out of business...lnk.* f/d card in 15 days (McKeon-?). QSL was not requested but Tom wanted to let them know that he heard them on a ICR 4800. They must have been happy to hear that their signal was coming thru so well.

PAPUA NEW GUINEA-R. Milne Bay-3360, f/d card in 82 days (Dampier-NY). R. Western Province-????, n/d letter in 365 days (Dampier-NY).

SOCIETY ISLANDS-R. Tahiti-11825, f/d card in 40 days for FF rpt and 2 irc (Card-?). Conch horn card in 56 days with f/d for 2 irc and FF rpt (Narva-MD). 15170, Same card in 33 days for 2 irc and FF rpt (Tilley-CO). Same card in 42 days for ms (Walters-NJ). Same card in 41 days for FF rpt and 7 francs (Lipman-NY).

SOLOMON ISLANDS-Solomon Islands Broadcasting Corp-9545, f/d card and letter in 1 month for 2 irc (Holbrook-MD). V/S-Martin Hadlow. Same logo card in 18 days for 2 irc (Kosugida-Japan).

*****NORTH AND CENTRAL AMERICA AND THE CARIBBEAN*****

ALASKA-KNLS-11940, date only personal letter in 12 days for a report on a test transmission (Moore-TX). 17880, Time/date letter in 12 days for US ms for a report on test transmission. Letter said that they recd only 4 prior reports. V/S-Francis M. Perry-Dir. of Engineering. *Don, the letter is absolutely a QSL, count it...lnk*

ANTIGUA-DW-f/d 30 ann card in 18 days with sticker (Schulsinger-OH). Same in 28 (Welch-MA). n/d building card in 59 days (Tilley-CO). Freqs were 6040 and 6085.

BELIZE-R. Belize-3285, f/d black and white map card in 21 days for an irc (Soomre-MA).

CANADA-Radio Canada Intl-f/d DIY card in 76 days (McCants-AL). Same in 34 days (Ducos-France). Freq was 15325. CFRX-Toronto-6070, f/d CFRB airplane over Toronto card, along with sked and sticker in 16 days (Van Horn-TX). Same in 12 days for ms (Kapinos-MA). This card replaces the old CFRB Marine Mobile card. CHNX-Halifax-6130, f/d card in 24 days along with stickers (Dillaman-OH). V/S-Ken Arsenear-Ch. Eng.

COSTA RICA-R. Nacional-6035, n/d letter in 90 days for SS rpt (Barto-CT). V/S-Juan Ramón Gutierrez A., Dir.

CUBA-R. Habana Cuba-9525, f/d sunset card in 105 days for irc (Lipman-NY). Habana view card in 103 days for an irc (Tilley-CO). Freq was 11930.

DOMINICAN REPUBLIC-La Voz Del CID-R. Maximo Gomez, via R. Clarin-11700, f/d card in 13 days (Stephany-NY). f/d PFC in 11 days for SS rpt and US ms (Wilkins-CO). n/d letter in 14 days for SS rpt and ms (Schlesinger-TX). All of these were sent to Chicago office (P.O. Box 60226, Chicago, IL 60626) and were signed by Pablo Peña, Sec of Information. f/d paper card in 8 months for 3 irc for report sent to Ven. address. Reply was recd from Costa Rica (Hosmer-MI).

GRENADA-Radio Free Grenada-15105, date/freq pink card in 1 yr 11 mo for 1 irc (Hesch-NY). Same in 473 days for 2 irc (Greenbauer-AZ). Same in 424 days for 2 irc (Gunter-NC). Same in 307 days for ms (Ward-QUE). Same in 192 days (Gotlab-IL). V/S-Caroline Gellineau.

HONDURAS-R. Luz y Vida-San Luiz-3250, date/freq personal letter in 3 mo. after 4th f/up; 2 yr, 4 mo total. Report was in SS along with ms to San Pedro Sula QTH. Veri was in EE saying that he lost his QSL cards. (Lobdell-MA).

MEXICO-XEMRX-Radio Mexico-15430, f/d card with stamp attached in 33 days for SS rpt (Moore-TX). Same in 22 days with stickers for an irc (Drollinger-WI). Same for SS rpt and 2 irc in 30 days (Dillaman-OH).

MONTSERRAT-DW-11705, n/d card in 59 days (Tilley-CO). 30th Ann card with f/d in 31 days (Schulsinger-OH).

NETHERLANDS ANTILLES-Bonaire-Radio Netherlands-9590, f/d Van Gogh card in 24 days (Cuthill-ONT). Same in 20 days (Harrington-CO). Same in 24 days (Harrington-CO). *Remember that only cards marked LOPIK are actually in the Netherlands. Cards marked Bonaire are in the Netherlands Antilles, and cards marked Madagascar are from African relay...lnk*

NICARAGUA-LV de Nicaragua-5950, date only letter in 65 days with small pennant (Fisher-WI). Same in 57 days for 2 irc (Hosmer-MI). Radio Sandino-6120, letter in 47 days along with pennant (Stephany-NY).

UNITED STATES OF AMERICA-WRNO-New Orleans-6155, World wide DX club card in ?? days (Gunter). Same in 104 days (Talbot-WI). 9725, same in 110 days (Blanchette-FL). Same in 27 days (Speer-CA). Same in 101 days for ms (Soomre-MA). Worlds fair card in 157 days for ms (Moore-TX). Cards were date/freq only. AFRTS-Greenville-6030, f/d card in 39 days (Dampier). WYFR-11875, f/d Kings 8:60 card in 30 days (Cuthill-ONT). Voice of Free China via WYFR-5985, f/d card and goodie pack in 38 days (Speer-CA). Same in 60 days (Mahoney-FL). Same with hat pin and tape of CC Mx in 22 days (Swinn-CA). f/d card in 31 days (Bingham-MA). 5985 is transmitted by WYFR in Florida, it should not be counted as Taiwan, but as the United States. Try another freq for a legit Taiwan QSL...lnk

USA Pirates-KPRC-1616, freq only card in 23 days (Campbell-CT). KQSB-7425, f/d letter with pennant in 16 days (Campbell-CT).

*****SOUTH AMERICA*****

ARGENTINA-RAE-15345, card and pennant in 58 days (Ducos-France). Radio El Mundo-11755, f/d card in 185 days along with sticker for SS report and irc (Sato-Japan). V/S-Amelia Ferreras.

BRAZIL-R. Bras-15290, f/d card in 22 days (Wilkins-CO). Same in 18 days for an irc (Kapinos-MA). Radio Bandeirantes-6185, n/d card in 37 days for PP rpt and irc (Sato-JAPAN). Radio Gazeta-9685, PP form letter in 16 days for PP rpt and ms (Mahoney-FL). V/S-Ligia Dotti. Ceará R. Clube-6105, n/d card in 4 weeks after f/up, 25 weeks total for PP reports and ms (Wilkins-CO). V/S-Manuel Eduardo P. Campos, Dir. Presidente. Radio Poti-4965, date only form letter in 42 days for PP rpt and ms (Parks-FL). V/S-Cid Lobo, Gerente Comercial. Sr. Lobo is an automobile enthusiast, so brochures about new cars may help to get a QSL here. Radio Maurumby-9675, f/d multi color "Barra de Lagos" card in 12 days for PP rpt and ms (Parks-FL). V/S-Claudio R. Moraes, who is a DXer. R. N. de Cruzeiro do Sul-4765, p/d part typed, part handwritten verie statement on reverse of photo of station and its transmitter in 214 days for PP rpt and SASE (Stu Hall-CA). V/S-Mario de Oliveira da Silva. Rádio Rio Mar-9695, EE/PP form letter with wrong date only in 235 days for PP report and ms (Schlesinger-TX). Radio Inconfidencia-15190, post-card in 18 days for PP rpt and ms (Schlesinger-TX). V/S-Marcia Griken. Address is: Rua Sao Paulo 2474, 3000 Belo Horizonte, Minas Gerais.

CHILE-Radio Patagonia Chilena-Coyhaique-6080, personal SS letter in 3 weeks after f/up 6 months total for SS rpt and US\$1.00. (Lobdell-MA). V/S-Paul Ojeda, Gerente.

COLOMBIA-Em Ondas Del Darien-6085, date only thank you letter in 41 days for SS rpt and ms (Mahoney-FL). V/S-Manuel Cardona Agudelo, Dir. Address is: Ap. A. 1289, Medellín. Radio Macarena-5975, f/d logo card in 66 days along with sticker for SS rpt and 1 irc (Gayle Van Horn-TX). V/S-Enrique Zambrano Nieto. Same in 59 days for SS report and ms (Stephany-NY). Same in 52 days for 1 irc and SS rpt (Jones-VA). All also recd personal letters.

ECUADOR-La Voz del Napo-3280, letter in 127 days (Ducos-France). HCJB-9745, f/d communications in Ecuador card in 48 days (Dampier-NY). Same in 31 days (Cuthill-ONT). Same in 50 days (Harrington-CO). Same in 30 days (Harrington, CO). 6095, Card in 45 days (Harrington-CO). 26020, special QSL for 100 Watt xmsm in 57 days for an irc (Soomre-MA).

FALKLAND ISLANDS-FIBS-3958, f/d logo card in 42 days after f/up, 128 days total for 2 irc (Parks-FL). Same 55 days after f/up, 120 days total, for 3 irc (Welch-MA). V/S-A.R. Davies.

BY AIR MAIL

POST CARD
Somali Broadcasting Service
« Q. S. L. »

This confirms your receipt of the
Broadcast from SBS Radio Mogadishu
on : 4/8/78.

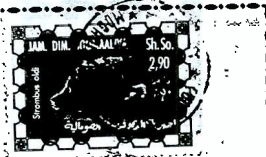
Kcs at : 6095KHZ.

GMT on : 19:34.

With gratitude

S. B. S.
Radio Mogadishu

Remarks: MUMINA.



小杉田 - 433
SHINICHI KOSUGIDA..

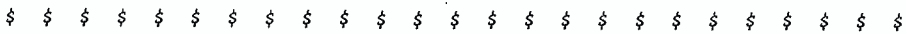
KIRIBATI

QSL CARD

Canece Racing — a National event often held during major public holidays. Photo: A Wood.

Dear
 TNX DON HOSMER

This is to verify your reception report of
Radio Kiribati (Station T3K1) from 0558.....GMT
until 0648.....GMT., on 29.....# 5.....1983
on our regular frequency 16435



 S P E E D X A N N U A L F I N A N C I A L R E P O R T

THIS IS A SUMMARY OF THE SPEEDX ACCOUNT FROM THE PERIOD JULY 1, 1982 TO JUNE 30, 1983 INCLUSIVE. A MORE DETAILED FINANCIAL REPORT IS SENT TO EVERY BOD MEMBER EACH MONTH.

Balance on hand July 1, 1982 \$6,700.26

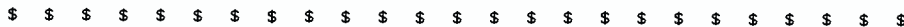
RECEIPTS	Prepaid Subscriptions	\$8,729.00
	Prepaid Renewals	11,369.10
	Supplies	2,056.84
	Misc.	807.93
	Total Receipts	\$22,962.87

Disbursements	Publish 12 Issues	\$13,219.85
	Postage 12 Issues	6,196.32
	HQS Postage	1,242.73
	HQS Supplies & Printing	4,291.83
	Misc.	740.94
	Total Disbursements	\$25,691.67

Balance on hand June 30, 1983 \$3,971.46

I certify this summary of the SPEEDX account is true and accurate to the best of my knowledge.

Don Johnson
Don Johnson - Treasurer



Tips and Topics

THE FEATURE SECTION OF SPEEDX

EDITOR: ARTHUR S. GETZEL - 170-40 Highland Ave., Jamaica, NY 11432

Antenna

A TROPICAL BAND ANTENNA
by Carl Huffaker, Mexico

I have built two "Lazy Quad" antennas and find them both superior to the dipole for Latin American DXing. But why should this be of any interest to the US DXer? First, because I am no closer to the concentration of South American tropical band stations than are many US locations, and secondly, because the Lazy Quad is an inexpensive antenna and well within the means and ability of most constructors. There are a lot of us who have the interest and ability to string wire around and the discussion—and the arguments—about the results could well make a contribution to the hobby.

Most DX publications and programs, SPEEDX not excepted, are quick to emphasize the importance of an antenna but devote pages to new receivers and accessories and almost nothing to antennas. This is understandable as receiver technology and availability is growing at a rate that requires up-to-date coverage of what represents the biggest bite on the DXer's pocketbook. To promote further discussion, and perhaps experimentation, I am offering some generalizations on antennas that may or may not be valid. I would appreciate any opinions that either confirm or refute these tentative conclusions.

—Because the DXer can not usually choose his antenna site, the ground conductivity, an important factor in antenna performance, will vary greatly. This would suggest a large variation between individual results obtained with the same type of antenna located in different locations.

—Tropical band antennas are big, too big for cost efficient full size beams, and in terms of a fraction of a wavelength, are low because of tower cost.

—Low-angle transmitting and receiving antennas provide the most direct and efficient path for the transfer of radio energy. However, low angle receiving antennas are also most sensitive to the horizon of man-made noise that surrounds most of us.

When a quad is mounted horizontally (pointed skyward) it places the entire horizon of noise producing powerlines in the null of the loop. If it is mounted low, $\frac{1}{4}$ wavelength, the ground acts as a reflecting element giving it a gain over a dipole approximately equal to the loss of an extra hop in the transmission path. As the null is somewhat broader than that of a small loop, the quad can be tilted as much as 20 degrees and still retain the noise reducing characteristics. This results in both directionality and a reduction of the angle of a received signal.

To test the concept of a high angle tropical band antenna, I bent a halfwave folded dipole into a horizontal square. When mounted vertically, this is usually referred to as a "Mini Quad Loop", a popular amateur antenna. It was approximately 17 meters above the ground and tilted toward the southeast. It is an inexpensive antenna, 30 meters of 300 Ohm TV line plus the lead in (also 300 ohm line). It is a low impedance antenna, but as I later discovered in the literature, the mismatch and parallel lead in broadens the response considerably. Compared to my 60 meter (halfwave) folded dipole, it showed an S-unit of gain on 60 meters and a satisfactory pick up with a much improved signal/noise ratio from 120 to 40 meters.

My next step was to construct a full wave (15 meters on a side) quad with a 300 ohm lead in. This was mounted 15 meters average above ground and also tilted to the SE. This antenna shows another S-unit of gain (over the mini Quad) on 60 meters, a drop off to about the same level on 120 and 40 meters, and the same desirable improvement in signal/noise level.

At the moment, I'm well pleased with the Lazy Quad, and as I really don't have room for that much wire, I have taken down both the Mini-Quad and the long dipole. Both this is an interim report. After a few weeks check-out, I intend to move the quad slightly so I can work in a reflector, which I believe in this type of installation, is more properly called a counterpoise. Undoubtedly, some of you have experimented with horizontal loops. I would be glad to know the details and compare results. And if anyone is interested in the construction details on what I have built, I'd be glad to send them a sketch. The local mail is, at best, erratic, but Paseo de la Reforma 1020, Mexico 11000 DF, Mexico will reach me "manana".

Opinion

THE DILEMMA OF SHORTWAVE PROGRAMS AND STATIONS

by Phillip M. Dampier, NY

There are a large number of shortwave stations on the air these days with a very large number of programs to offer us shortwave listeners. But just how interesting are those programs?

At present, the largest stations of the world seem to me to be least listened to. Radio Moscow offers very interesting music programs, but the only reason they have music on the shortwave service is to attract the listener to the station and then bombard the listener with propaganda. Have you ever noticed that the North American Service of this station plays little or no music and generally complains more about the US government than the RMWS. Listening to the service of this station targeted for the British Isles, I hear more about how bad the British government is than how the US is on the verge of world domination. This is not the station that I want to hear, nor is it the station to tell people about when describing shortwave listening to a friend.

Radio Beijing is a little more interesting than Radio Moscow in that they usually only "blast" our way of life in news and commentaries. Following that, they constantly tell us that they will not forcibly take Hong Kong and Taiwan. Radio Beijing is becoming more capitalist every day as they are now being heard on US radio stations all over the country.

The Voice of America, "our" voice simply isn't (our voice). Their broadcasts go in one direction while the opinions of the American people go the other. They also broadcast "propaganda". When traveling abroad, how many SPEEDXers out there tune in this station for the latest news and sports scores? Most people tune to the AFRTS. They (VOA) are somewhat popular abroad because of the American music they play. However, this station only transmits in languages where there is either a Communist revolution going on, or where the opinions of a country's people are not favorable to the USA.

Radio Cairo is an old friend of many US listeners. But the majority send away for a QSL card and then they will have nothing to do with the station. I notice that a number of their programs are not too well heard here because of the frequency choices they make. I think that with some more frequencies this station's popularity will grow as I am a fan of Middle Eastern music as well as this station.

Then we have the multitude of smaller stations, which, in my opinion can leave the airwaves any time now. Such stations are: Radio Tirana, who the other night was telling us that Albanian cows are better bred than American cows; there is Radio Pyongyang, who keeps telling us about Kim Il Sung (again and again and again!); there is Radio Habana Cuba, whose music programs are great but that is it!; and then there are the other Communist stations in Europe who seem to have an identity crisis in that their programs all sound alike.

Frankly, I am bored with these stations. I do think that some of the stations are more interesting than others, but they all do not have what it takes.

That brings us to the question of what makes a good radio station? There is a recipe for shortwave broadcasters that has to be followed exactly or else one will see what is known as listener fragmentation, where you see a number of listeners who think the station is a drug and they cannot get enough of it. But there is little chance for these stations to be heard and heard again by the casual shortwave listener, like myself. These stations are generally trying to be popular, but they do not have the budget or staff to follow the recipe I was speaking of earlier. Such stations like Radio Finland, Radio Sweden, Radio Norway, Radio Deutsche Welle, SRI, Radio RSA, Radio Korea, etc. These stations generally have interesting programs, but usually are not the most popular. Radio DW, for instance, generally only broadcasts talk programs with a minimum of musical entertainment (except the German service). The Nordic stations are very culturally-oriented and in most cases will not get off the subject of the Nordic. These stations are interesting to some people, but not to me. Others, like Radio Korea are not well heard enough in parts of the US so it usually results in the listener tuning somewhere else.

Then there are those who do not take the shortwave service seriously. I have one major example of such a station. The station is WRNO Worldwide, heralding the music of America. This station has been going for almost two years now with it's music and religion. They call themselves the ROCK OF THE WORLD! Why? How many times can you hear rock music on weekends? What you will hear is someone in Russian talking about religion, or a broadcast from the New Orleans St. Jude Church, or some other religious program. This station is not doing this out of the goodness of their heart mind you. Most commercial stations get paid a "few" dollars to air these programs. WRNO has let go of their program standards and technical standards they originally had at the commencement of their broadcasts. Tapes going too fast, or too slow, or tapes not being heard at all.

The relays of music from the FM service makes for big trouble. And that is what happened. Apparently, I have heard some news from a few people with programs on that station and also a few employees that the shortwave service is now a "training ground" for students and others interested in moving "up-to" FM-RNO! This should be the other way around. WRNO on shortwave serves more listeners than the FM service and WRNO is really giving a "good" example of American radio to people abroad. That is why the World of Radio broadcast is never on time or isn't heard at all. It seems that there is nobody who knows what they are doing at that station. Trying to telephone them or write them about the mishaps of the World of Radio program is like telling Radio Moscow to stop broadcasting propaganda! I know people who have telephoned the station only to hear a recording of WRNO-sponsored rock concerts and movies playing at their theater. Or they get an announcer of the FM service who doesn't know anything about the shortwave service except that it exists! I say shape up or ship off the air! The only other station that I have noticed that doesn't take its broadcasting very seriously is Radio Havana Cuba. They are usually always overmodulating or on a frequency in which they shouldn't be. Other times they will sign-off suddenly or have the power of their transmitter lowered for some reason. Shortwave listeners do not need that. I underscore listeners because that is what this article is talking about. I am one who listens to shortwave like I listen to FM or MW. I usually only listen for programs I enjoy and sometimes I will casually DX but that is it.

All through this article I have complained about broadcasters and I have done very little commending which is just as deserved as complaints. That brings me to the "recipe" that I have been talking about. What is it? In my opinion, and I also underscore that because it is my opinion, a shortwave station needs to broadcast relevant information. Good examples of stations which provide relevant information are: The BBC with its constant and very accurate and non-biased news reports; Radio Netherlands with their Newslines, albeit a little too lengthy; Radio Canada International with their feature programs like Sunday Morning from the domestic service of the CBC; Swiss Radio International with Dateline. And there are others as well. When I say relevant, I mean that I want to hear news that will affect me or someone I know. I am not interested in hearing about Soviet Postal Meetings or a blow by blow description of a country's leader that day. Another item which is a major factor in a station's popularity is its entertainment programs. These programs should not be just about a certain area and should be free of any controversy. I am not interested in Radio Moscow's entertainment programs which do not come at regular intervals. Neither am I interested in opinionated talks on certain issues. These factors of not being controversial and the feeling that "you have gotten away from it all" is what made the Happy Station program perhaps the most popular shortwave show in the world and also making Radio Netherlands stand in the cream of the crop! There should be a lot more entertainment programs like this on shortwave.

The BBC also does a good job in the entertainment field with relevant, not thrown together programs about books and also their very well done plays. I wonder why they are number one? The answer is clear in that they have followed the "recipe" of success in a broadcasting station. The only other element in the recipe is a good listener-station relationship which makes you feel good about being a part of the listenership of the station. I site Radio Polonia for this. I have written several letters to this station and every reception report and every letter written has been replied with a personal note. The DX-Editor even mentioned that he was glad to hear from me again! How many stations do that? More than ever however, the limited staff and budget of stations have caused deterioration in this department. Stations like the BBC, Radio Finland, Radio Canada International, Radio Tirana, and Radio Havana are well-known for their slap-happy approach to answering your letters and reception reports. I can understand the problems faced by RCI in that they have a limited staff but the BBC could do better in replying and Radio Finland should be thinking about the fact that if you want something, you better be willing to give something in return to your listeners. At first they eliminated QSL-cards and now they have temporarily (I wonder how long that will last) have suspended sending out their postcards and are now sending form letters. If they want comments on their broadcasts, I am not going to spend 40¢ to get a form letter in return! I do understand that stations more than ever need listener reaction and this has been a growing "demand" of SW stations at ANARC conventions and the like. They should be a little more polite in responding to those comments instead of preaching on how they need your comments over and over again. A mention on the air or by letter would be nice. But stations in deepest need of listener reaction (i.e., Radio Finland) do not seem to ever get enough. I wonder why? Again, more commendations go to the smaller stations like RN, BRT, and now even Radio Norway International. If these stations cannot respond by letter, they do on their broadcasts. HCJB's DX Party Line is famous for this. Also, they care about what listeners think! That brings me to the final point in this article and final ingredient in the recipe of station success—The DX Program. There are a lot of them out there, that's for sure, but which one should you listen to. In the near future, I will present a look at these programs and give you the straight facts on what some of the major DX programs have to offer you.

by Larry McKinney, PA

This year's EDXC Conference was held in London, England. It started on May 20th and ran through May 23rd. It was another enjoyable year with everything well planned. The conference started with registration. This conference had about 130 people attending.

There were about 25 countries being represented. The countries were Australia, Austria, Barbados, Belgium, Canada, Czechoslovakia, Denmark, Ecuador, Egypt, France, Germany East and West, Ghana, Great Britain, Italy, Korea, Luxembourg, Netherlands, Norway, Spain, Sweden, Switzerland, Turkey, and the USA.

There were broadcasters from Radio Australia, ORF, BRT, Prague, HCJB, Radio Cairo, Tele-diffusion de France, Amitie Radio, Radio France International, Radio Berlin, ERF-TWR, Deutsche Welle, TWR, Deutschlandfunk, KWFR, AWR, Ghana Broadcasting Corporation, Radio Portugal, Radio Luxembourg, BBC, Radio Korea, Radio Netherlands, Radio Exterior de Espana, Radio Sweden International, Swiss Radio International, and the Voice of Turkey.

Friday afternoon we got a tour of the BBC. Later that evening we had a reception hosted by the BBC. Saturday started the conference off with some lectures by Keith Edwards, Douglas Bowers, George Wilcox, Richard Measham and John Cantrell.

After lunch, there was an exhibition with displays by Marconi Communications, Eddystone Radio and the BBC. There were also displays by the radio clubs. Ruth Hesch who was the representative of ANARC had a nice display.

Then there was a bus tour around London in which we saw some of the famous sights of London. Then it was back to our hotel for dinner. After dinner there was a speech by Benny Brown, presenter of "Earthlink" on Radio Luxembourg and Billboard Magazine's 1981-1982 International Air Personality of the Year. Then it was time to retire for the night.

Sunday morning we started our work groups. The topics this year were the Future of Telecommunications, the Future of the DX Hobby, Jamming and the Broadcaster-Listener Dialogue. It was this group that I joined. We had a nice talk on how the listener can make better communications to the broadcaster.

After lunch we broke up into two groups. One group went to the BBC Monitoring Service in Caversham Part and the Receiving Station at Crowsley Park and then to Oxford for a brief sightseeing tour. The other group went to the BBC transmitting station at Daventry. Then they went on to Oxford for a sightseeing tour. We all met at the Spread Eagle Hotel in Oxfordshire where we had our banquet. We then went back to the hotel.

Monday morning was the final conference session. There we had the reports from the chairman of the work groups. There were also discussions on conference proposals. At noon was the official closure of the conference.

I had a great time at the 1983 EDXC conference. I got to see all my friends of Europe. I am looking forward to attending next years EDXC conference which will be held in Stockholm, Sweden. Radio Sweden will host the event. So why not make your vacations plans and go to Sweden next year? Hope to meet you in Sweden in 1984.

Disaster Radio

OPERATION SECURE

by Mark W. Johnson

It has been said by some that those who spend much of their time monitoring the shortwave bands may know what is happening on the other side of the world but not on the other side of town. While it may be helpful to monitor foreign broadcasters in order to stay abreast of international developments, these same stations won't be of much help during local emergencies. How can the SWL keep in touch with what is going on in his area without purchasing a scanner?

Most SWLs have at least a passing acquaintance with the various agencies that are listed in the utility columns of the club bulletins. Some of these agencies such as the USCG, CAP and military are activated during emergencies and can be monitored with a communications receiver. However, another group of stations known as Operation SECURE is also active on the HF bands during state and regional emergencies.

Operation SECURE, an acronym for State Emergency Capability Using Radio Effectively, is an outgrowth of the FCC's Disaster Communications Service. In a Notice of Proposed Rule Making adopted by the FCC on 16 January 1980, it was shown that there was a need in the United States and its Territories and Possessions for medium and long-range communications capabilities for use during state and regional disasters. It was shown that such a service would allow units to respond to the scene of a disaster and use specifically allocated

frequencies to communicate with a command center located elsewhere in the state.

The frequencies set aside for this service are located between 2 MHz and 10 MHz. The FCC felt that this segment would provide the required coverage more readily than frequencies in the VHF and UHF bands. This is particularly true in areas without extensive repeater coverage

Specific frequencies are not allocated to individual licensees. At the of application the FCC will select the available frequencies in each band requested for use by the applicant. For example, the state of Florida requests two frequencies in the bands 2194 kHz to 2495 kHz and 5005 kHz to 5450 kHz. The FCC then assigns 2326 kHz and 5195 kHz. Should the need arise to remove or withdraw a frequency assignment during a license term, the FCC will try to assign alternate frequencies.

Emissions used are SSB and RTTY. Because of possible interference to other services from these emissions the frequencies are used only for testing, training and actual emergency communications. The FCC recommends that a total of one hour per week be used for non-emergency communications.

To find out which frequencies are in use in your area, check with the local Civil Defense director or the state bureau of disaster services. During a state or regional emergency, you will be able to monitor the activities of the various agencies as they go about dealing with the situation.

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BBC Visit

A VISIT TO THE BBC IN LONDON
by Ruth Hesch, NY

After years of listening to BBC's "Anything Goes", a 30 minute request program hosted by Bob Holness, I was able to SEE it. In one of my letters containing comments, I mentioned planning a vacation in England and the Senior Producer of the show, Joan Davies, invited me to Bush House to see the program taped. An appointment was made for May 11th and I was met at the Reception Desk by Claire Hutchinson, her assistant. At the time, Ms. Davies was on a business trip.

First, I was brought to the office of the Popular Music Section and met some of the members of the staff. Then we went to a recording studio which contained two rooms. In the first, and larger, was a Studio Manager, Veronica Cheng, and standing next to two record players, two reel to reel recorders and the master recording tape was another Studio Manager, Hilary Porter. Also present was Oillian Bastable, Production Secretary. In preparing the show, the Producer checks the letters from SWLers who request a variety of items including songs, instrumentals, speeches, sporting events, comedy acts, etc. Items are selected for a particular show, records and tapes are requested from the BBC library. The program is balanced as to types of requests and special consideration is given to birthdays, anniversaries and other special observances. The program is taped three days in advance. I asked Claire if this was not a very short time. She explained the commentary is topical and there is danger it will be obsolete if done too much in advance. She gave an example of a comment by Bob about a singer in the present tense and the person dying before the show was aired, causing that part of the tape having to be changed.

Bob Holness writes his own script and does the research for it. I saw Veronica at the control panel checking the beginning and ending of each record and tape to be played, with Hilary and making notes. Each person has a printed schedule showing the items to be presented, their order, time of each and when the introduction, commentaries and endings are to be played with their timing. There is a conference checking this schedule. Then Bob went into the other room which has a chair, table and microphone. As the program progresses and while the records and tapes are played, conversation can be and is carried on between the two rooms without interfering with the master tape.

I learned a large amount of mail is received for "Anything Goes", and records are kept of the number and kinds of requests made. Claire mentioned the need of listeners asking for more comedy items. Most people have much of the same "middle of the road" requests. Great care is taken with humorous items that they are not offensive to people, their nationality or religion as there is a world-wide audience.

After "Anything Goes" was completed, Bob came back into the large room. Another conference was held on "Sing, Sing, Sing" which was to be taped next. The selections for this program are made by Bob and records and tapes ordered by the Producer from the BBC library. Here too, balance and variety are considered and the commentary written by Bob. This program is taped a month in advance and sent to various relay stations so that the quality is not lost as the distance to the target areas is less than if it came from England.

I was very much impressed by the expertise and professionalism of this mainly young staff. They work well with each other, the pace is unhurried but efficient and there is a friendly and relaxed camaraderie among them. They gave me the impression they enjoyed their work.

CONTRIBUTORS LIST:

SEPTEMBER 1983

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P.O. BOX 861, MENOMONEE FALLS, WI 53051-0861 U.S.A.

TOTAL CONTRIBUTORS:186

4	ADDISON, JOE	KS R600	4	KOSUBIDA, SHINICHI	JP R300
1	ALEXANDER, BRIAN	PA FR87700	1	KOUKOL, MARK	IL
1	ALEXANDER, RODNEY	IA IC-R70	5	KRIST, KRAIS	VA FR87700
1	ANDREWS, JIM	LA	3	LANGLAIS, HAROLD	GA
1	ARLAND, RICHARD	UK R600	1	LEARY, ROBERT	OH FR87700
2	BARTO, SAM	CT	4	LEONARD, MICHAEL	ME R1000
1	BAUMBARDNER, DENNIS	CA	1	LEWALLYN, ROBERT	GA
1	BELGHAUS, FREDERICK	NJ	5	LIEU, ALLEN	CA
3	BERRI, JASON	CA	5	LIPMAN, E	NY
7	BINGHAM, FRANK	MA ZENITH T 0	0	LOBDELL, CHRIS	MA FR87000
3	BLANCHETTE, MARION	FL DX100	2	LORD, EARLE	CA FR87700
5	BRADLEY, HERBERT	MA	5	LUCAS, RICHARD	CA R1000
1	BRENEBAL, BARRY	FL	3	MAHONEY, MICHAEL	FL SPR4
3	BREMER, DONALD	AR ICF2001	1	MANN, CARL	IA
1	CAMPBELL, BILL	CT	4	MANNING, SANDRA	TX
2	CAMPBELL, CORNELIA	DE NRDS15	1	MATHEW, ABBIE	MA FR87700
8	CARD, PETER	RI NRDS05	1	MAXFIELD, DAVID	MI
1	CARLSON, VIRBIL	WA	1	MONTNINY, ANNE	NY
1	CASAVANT, RICHARD	GU	1	MOORE, ALEX	UK
1	CEREGHIN, JOHN	MD DX302	6	MOORE, MICHAEL	TX
1	CHABAK, MIKE	AZ HQ180	1	MORBAN, TODD	NC
1	CHINSKY, MARK	NY	1	MUZYKA, BILL	NY
1	CLAYTON, DAVID	MI R1000	3	MUZYKA, WILLIAM	NY
4	COLEMAN, ROBERT	MA	3	MCCANTS, DONALD	AL RF2200
1	CONWAY, PETER	UK 51J-4	4	MCDONNELL, JOHN	IL ICF2001
2	COOK, DAVID	CA	8	McKEON, THOMAS	IN R1000
5	COX, JIM	CA	1	McKINNEY, LARRY	PA
3	CUNNINGHAM, LARRY	OH	1	McNALLY, DAVID	TX
1	CUTHILL, ROBERT	ON	1	NARVA, MARSHALL	MD
5	D'ANGELO, RICHARD	PA NC190	1	NIKOLICH, MIKE	IL HQ180
4	DAMPIER, PHILLIP	NY	1	NONEMAN, CLAUDE	MI
1	DANKO, LARRY	NJ IC-R70	1	OPITZ, BRUCE	-- R1000
2	DEINET, A J	NJ NRDS15	1	PACETTI, STEPHEN	CO
8	DEMITT, JOHN	PA HOMEBREW	3	PALMER, BOB	WA
4	DESROSIERS, ROBERT	MA IC-R70	3	PARKS, WILLIAM	FL
1	DILLAMAN, JOHN	OH	1	PETERSON, ADRIAN	SL
2	DROLLINGER, RICK	WI HQ160	2	PETTENGILL, ROGER	ME NRDS15
2	DUCOS, PIERRE	FR	1	PFEFFER, MORRIS	NY
1	ENGLISH, DON	TX DX302	2	PIATELLI, MARIO	CA IC-R70
4	FAMILIARO, RALPH	NJ	1	PIMBLETT, NIGEL	AB R600
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5	GAMMIE, CHARLES	MI	2	SATO, HIROMASA	JP RF2200
1	GAMMON, ROBER	AA	5	SCHEEL, MICHAEL	IA ICF2001
3	GETZEL, ART	NY	3	SCHLESINGER, MARK	TX
1	GLISTER, PAUL	NC	2	SCHULSINGER, MICHAEL	OH FR87
2	GOLAB, MARC	IL	1	SCHWARTZ, JOSEPH	NY
2	GONZALEZ, FERNANDO	NY FR87	3	SHARP, DAVID	FL HQ129X
0	GREENBAUER, DANIEL	AZ RF2800	6	SHARPE, BRYAN	CA DX302
1	GREENWALD, JEFF	WY DX100	1	SHEEDY, DANIEL	CA
8	GUNTER, JOHN	NC R1000	1	SHEPHERD, GREG	IL DX300
2	HALL, STU	CA DX300	1	SHOCKLEY, MIKE	OK
1	HALL, TIM	CA	1	SHRYOCK, CHARLES	MD FR87700
4	HANCOCK, JOHN	AL SPR4	1	SMITH, LARRY	MI
1	HARRINGTON, ROB	CO	3	SMITH, TRAVER	CA
1	HARRIS, MIKE	FL DX302	6	SOOPRE, EDWARD	MA
1	HATTAN, C J	NZ	7	SPEER, RICHARD	CA RF2900
1	HEATON, JOHN	FL	3	SPRENO, ALFRED	NY FR87700
1	HEIN, DONALD	PA	6	STANLEY, TREVOR	AZ NRDS15
9	HESCH, RUTH	NY R1000	2	STEIN, RICKEY	NJ FR87700

1	HICKMAN, MEL	OR	3	STEPHANY, NOLAN	NY	R392	
3	HILL, ELAINE	SC	FRG7700	3	STERN, ROLAND	NY	FR87000
1	HODGSON, CHARLES	SA		2	STONE, WILFRED	ON	
2	HOLBROOK, HANK	MD	HQ129	1	STUTTERHEIM, M J	NY	
1	HORVITZ, ROBERT	RI		3	SWINN, ROBERT	CA	
7	HOSMER, DONALD	MI	R2000	1	TALBOT, JOE	AB	
4	HOTALING, STAN	NV	RF2800	5	TALBOT, LARRY	WI	FR87
1	HOWARD, RON	CA	SB310	5	TAYLOR, LYLE	SD	FR87700
3	HUFFAKER, CARL	MX		1	THIM, WILLIAM	CT	R1000
1	HULL, DICK	WA		1	THOMPSON, GLENN	NM	FR87
5	HULL, RICHARD	WA		6	THOMPSON, PEGGY	CA	FR87
1	JOHNSON, DON	CA		1	THUNBERG, BOB	PA	SSR1
5	JOHNSON, FRED	IL	RF2200	1	TILLEY, DOUGLAS	CO	FR87700
2	JOHNSON, MARK	ID	DX302	4	TIMOFEEV, ALEXANDER	FB	ICF2001
5	JONES, BRIAN	TX		2	VAN HORN, BAYLE	TX	RF3100
3	JONES, DAVID	VA		2	WALTERS, JOHN	NJ	R-1530
1	JONES, JACK	MS	R1000	1	WARD, HENRY	GU	IC-R70
1	KANOPKA, LEON	NY	DX300	1	WEIKEL, FRANK	MI	8-38E
1	KAPINOS, JOHN	MA	R2000	2	WELCH, FRANK	MA	ICF6800M
1	KARNS II, SHERMAN	OK	DX100	1	WILKINS, JOHN	CO	R1000
4	KEENAN, DAVID	CA		1	WILLIAMS, JOHN	MN	
1	KEESLING, TOM	IN		1	WIMMERS, BERNIE	VA	R1000
1	KERR, IAN	UK		1	WITTE, MARJORIE	CA	FR87
2	KIVELL, BOB	NM		1	YAJKO, ROBERT	PA	
1	KLINBENFUSS, JOERG	FB	NRD515	1	YINGLING, THOMAS	MD	FR87700
6	KLOSOWSKI, LORI	FL		3	ZILMER, BOB	NM	
2	KOEHLER, WAYNE	IL		3	ZIMMERMANN, DIRK	FB	

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:

NONE

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:

NONE

Before getting to the ads this month, a couple of quick items. First of all you probably noticed the change in format this month. All of your ideas were incorporated here. Feel free to make any further suggestions. Also notice that many of you do not have a receiver listed. Please send in your receivers with your next set of logs so that we can fill up that column. And now...on to the ads...you can find more ads also on page 32.....

STOLEN...ATTENTION...Mike Hardester sends a note concerning his recently stolen rigs. The following is missing: FRG7 serial #6 M 082526; Kenwood R-1000 #0070145; Drake SPR-4 serial # 1734; Bearcat Scanner model 300 #31058; JVC Model 3060 TV/Radio/Cassette serial #12362403; Sony TC-106A reel-to-reel mono recorder #28883. Additionally, Mike notes that his social security number is etched on some items...#559-80-7072. If anyone comes across any of these items, contact Mike immediately at MWH5-2 Medical (SC-16), MCAS Cherry Point, NC 28533. I'm sure he'd appreciate it.

Wanted: QTH for R. Dublin International, 6910 kHz. Peter Card, 29 Maple Ave., Middletown, RI 02840

For Sale: Kantronics Field Day-? RTTY ASC III, Morse reader. 1 yr. old, exc. cond. W/manual, \$310.00 inc shipping. Also Ameco PT-? Preamplifier \$60 ppd. Mark Eramo, 5 Kimball Dr., Stoneham, MA 02180.

For Sale: FRG-7 w/2.9 Collins filter, "fine tune," and internally mounted LW converter, all work done by Radio West. Exc cond. \$275.00- I ship. MFJ 752 audio filter in exc cond w/AC adapter, \$40. Bob Coomler, 207 East 45th Place, Kennelwick, WA 99336. 509-586-3799 No collect calls.

Wanted: Anyone with programs for the VIC-20 useful to SWL/DX. Contact: John S. McDowell, 5728 W. 129th St. #3, Crestwood, IL 60445

Wanted: Rick Zolla has a Commodore 64, but no printer. Anyone willing to send him a copy of a printed listing (per June "Tidbits") will receive Rick's cross reference in return. Contact Rick at: 3106 Ginger, Apt. D, Costa Mesa, CA, 92626

Anyone wanting a complete list of foreign embassies in Washington, D.C., should write to: John Williams, 3216 W. 85th St., Bloomington, MN 55431.

From WDX Monitoring Service...Any remaining one-letter WDX or KDX calls; also any 2-letter call of your choice, \$5. Any 3-letter WDX/KDX call of your choice, \$3. General issuance; we'll assign the next call that is open and available, \$2. Duplicates and replacements, \$1.50. PLEASE NOTE: In all requested calls, pse give several alternates in case your first choice is already taken.

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX

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 A0 (AIRMAIL) TO SOUTH AMERICA/EUROPE..... \$28.00
 A0 (AIRMAIL) TO AFRICA/ASIA/OCEANIA/USSR..... \$31.00
 SAMPLE COPY TO NORTH AMERICA..... \$ 1.00
 SAMPLE COPY TO ALL OTHER COUNTRIES..... (8 IRC's) or \$ 2.00
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