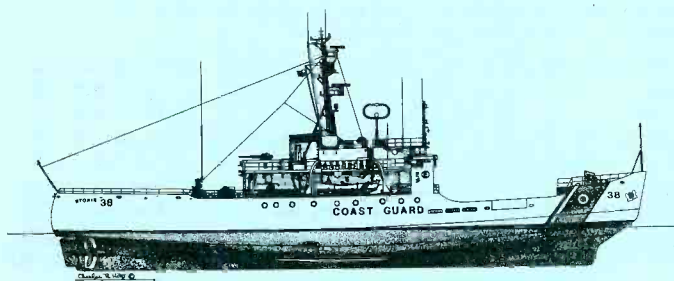


# SPEEDX

## SPEEDX

the dx radio magazine  
for active shortwave listeners



# NRUC

USCGC STORIS (WMEC 38)

THIS WILL CONFIRM YOUR RECEPTION OF  
RADIO STATION NRUC ON 6506.4 KCS.  
AT 1240 GMT ON 15 APR. 1981, POWER 400 WATTS.  
ANTENNA: 35' SHAKESPEAR WHIP  
LOCATION: JUST NORTH OF ADAK IS. ON ALPAT  
REMARKS:

*Rml Larry H King*  
SIGNED



# KEYNOTES

NEED INFO OF GENERAL INTEREST, USEFUL PUBLICATIONS,  
DXing AIDS, HOBBY HINTS, WANT ADS, AND WHERE TO SEND  
FOR INFO, PLUS SHORT ITEMS WHICH WON'T FIT ELSEWHERE  
COLUMN DEADLINE: 12th of the month!

Edited by:  
KEN EATON  
6406 N. 101st St.  
Milwaukee, WI 53224  
U.S.A.

XX

## SPEEDX ADDS A 'FINE NINE' TO FULL MEMBER ROSTER:

WILLIAM ANNIS  
W. Lafayette, IN  
JOHN DELK  
Carlisle Bnks, PA  
LARRY GARRETT  
Whittier, CA

HOWARD JOHNSON  
Ft. Worth, TX  
DAVID WILSON  
Kent, OH  
TONY KOBYLSKI  
Baltimore, MD

DONALD McCANTS  
Trussville, AL  
BRIAN SARKISIAN  
Jasper, MI  
DAVID SHARP  
Lutz, FL

Hey guys, "you done good"! You've earned a good looking Membership Certificate to hang on the wall of your shack and your own copy of the SPEEDX Constitution to peruse. We hope you've developed the habit of feeding reports to SPEEDX for when you do, you're helping other SWL-DXers all over the world. 73 to the new Fine Nine!

## SPEEDX GREETs 41 'NEW KIDS IN TOWN' -- ASSOCIATE MEMBERS, THAT IS!

GARY ZEIGLER  
Beaverton, OR  
TERESA PHILLIPS  
Calais, VI  
JERRY BEENER  
Sierra Madre, CA  
LARRY COWLES  
Tulare, CA  
BOB GEDDES  
APO Miami, FL  
MICHAEL HAMER  
Cottage Grove, MN  
ROBERT FOXWORTH  
New York, NY  
GIORGIO ROMANIN  
Undine, Italy  
ELAINE HILL  
Clinton, SC  
DON ENGLISH  
El Paso, TX  
RICHARD PADE  
Indian River, Canada  
STAN FORSMAN  
Santa Clara, CA  
DANIEL GREENBAUER  
Tucson, AZ

S. PETER NEUMANN  
Phoenix, AZ  
J. PATRICK BURKE  
Ft. Wayne, IN  
GEORGE JOUBERT  
Watertown, MA  
BARRY WARD  
Omaha, NE  
RICK DROLLINGER  
Milwaukee, WI  
GARY CRAWFORD  
Kent, WA  
KARL SOLLMANN  
Gravois Mills, MO  
JAMES ANDREW  
New Orleans, LA  
ALLEN BRIEM  
APO Miami, FL  
BILL JEANES JR  
Earleville, MD  
ROBERT BROCK  
Waukesha, WI  
ROBERT SCHUMANN  
Dallas, TX  
RICHARD BAILEY  
Kettering, OH

PHIL WETTERSTEN  
Chillicothe, OH  
GEORGE MOSHIER  
Canoga Park, CA  
BRUCE DE SHAZO  
Memphis, TN  
DONALD BLACK  
Arlington, MA  
NOLAN STEPHANY  
Williamson, NY  
DAVID HENDERSON  
Ketchikan, AK  
MARTIN TOOMAJIAN JR  
Troy, NY  
WILLIAM SCHALLER  
New York, NY  
JEFFREY WORMAN  
Milwaukee, WI  
DONALD HOSMER  
Dearborn, MI  
SANFORD EICHERHORN  
Southfield, MI  
ROBERT WATSON  
St. Louis, MO  
ROBERT WARD  
Casper, WY

ROGER ARM  
Sunnyside, Queens, NY

DAVID JUNE  
R.D.2 Endicott, NY

Well looky there -- four more "new kids" than there were last month! My, my, ain't the neighborhood growing. Now the best way to get into the gang is to start sending in loggings and other items of interest to your fellow SPEEDXers. As you look through this issue, you'll find the name and address of each Editor listed at the top of each column. All material for publication must be in the Editor's hands by the 12th of each month. You can save a lot of stamps by sending everything to the Central Distribution Editor, Peggy Thompson, 2706 Alabama, La Crescenta, CA 91294.

SPEEDX CDE WILL 'GOOF-OFF' IN JULY -- DON JOHNSON TO TAKE OVER

In a plaintive missive, our delightful CDE, Peggy Thompson, states that she "needs the month of July free" and has talked Don Johnson into taking over her chores for that month only. The deadline will remain the same, the 7th of the month. So if you're sending in stuff for the July issue, get it into Peggy's hands (address in previous paragraph) by the 7th of June. If, on the other hand, you're aiming for publication, through the Central Distribution Editor, for the August issue, mail it to Don Johnson, SPEEDX, P.O. Box E, Elsinore, CA 92330, to reach him by July 7th. But for the September issue, it's back to Pert Peggy again. Simple, aina? And speaking of Don Johnson --

HERE'S THE 'POOP FROM GROUP' -- OR, 'S-P-E-L-L IT OUT'

Now that the Publisher's computer is handling the address labels we must ask all members to use the EXACT spelling on their address labels, when renewing or changing the address. If your label reads "LJ/GEN WILLIAM THE GREAT DXER, 19TH", do not send the data in as "Bill Dx". No "Mike" for Michael. No "Bob" for Robert. Use the exact first line of your mailing label, please! If you want your mailing label changed, simply write in to Club HQ. If you don't follow the above guideline, your bulletin could be delayed two or more weeks from the usual delivery date. The same guideline applies to your adding a middle initial that is not on your mailing label. Your cooperation is appreciated as SPEEDX actively enters the computer age. In the long run, the Publisher's computer will save time and be more accurate, as well as saving your Club dollars over the years. Lastly, please remember that any changes received after the 15th of the month cannot be made until the 2nd month following. If your renewal is received the 16th of June, you have been dropped out and are considered a new member with the July issue, i.e. "8206" for example. Please help our all-volunteer staff. Send in your change of QTH or renewal as early as possible. It will make it less work on our part and insure that you get your bulletin on time.....HQ5

DANISH SW CLUB OFFERS NEW TROPICAL BAND STATION LIST

SPEEDXer James A. Marlin of Miami, FL heard it on BRT from Brussels and passes it on to us -- the Danish SW Club recently published a list of the Tropical Band SW Stations, complete with freqs and times of bests, which is "more detailed than the one in the WRTH". (We assume the quote is from the BRT best.) If you want a copy, "for free", write to: Danish SW Club, DK-2670, Greve Strand, Tavleager 31, Denmark. Thanks to J.A.M., BRT, and DSWC. Couldn't hurt to sent that club an IRC or two when you ask for the list. Couldn't hurt us is you say you saw it in SPEEDX!

NEW DX CLUB FORMING IN PACIFIC NORTHWEST

DXers in Washington, Oregon and British Columbia are invited to join the Pacific Northwest, British Columbia DX Club by its organizer, Phil Bytheway, 9722 Mary N.W., Seattle, WA 98117. According to Phil, membership is open to "anyone interested in DXing any bands of radio or television." He plans to publish a bulletin every other month and the dues are nominal. In the USA they're four legal-sized (#10) SASEs. In Canada they're four self-addressed envelopes, plus one Canadian dollar (so Phil can buy the U. S. stamps necessary to mail to Canada from his QTH. Dues cover through 1982. Phil works on IC designing. Shame his name isn't Byteway!

CANADIAN SPEEDXer OFFERS HIS OWN 'DX MAXIM'

"The chances of a sudden static burst or man made noise (such as the XYL) occurring at the instant of the rare and illusive DX catch IDing, is nine out of ten. The rarer the catch, the more frequent the noise. The lower the signal strength, the stronger the noise." And those are the words of that young/old philosopher, Mike Chamberlain of Grand Bay, N.B.

COULD WE HAVE OVERDONE IT?

In April, we mentioned that Radio RSA was looking for new monitors. Now we have a letter from that station's Colin Miller stating, "While we appreciate the response generated by this item, we regret that there are no further vacancies for listeners in North America and Europe on the panel, although we do require more monitors in Africa and Latin America." But he goes on to say that "...reception reports from SPEEDX members are always more than welcome at Radio RSA." OK, so you can't be a monitor, but they do have very attractive QSL cards.

TURN THE PAGE FOR THE NEWS FLASH OF THE CENTURY! (ACCORDING TO TWO)

### FANFARE OF TRUMPETS! DRUM ROLL AND CANNON! TRAUTSCHOLDS ADD GENERATION!

The Trautscholds of Menomonee Falls, WI, John and Kathy, he the SPEEDX President and Publisher, she the Co-Publisher, have achieved the ultimate collaboration and proudly announce the birth of their first child, a son, Christopher John Trautschold, on May 2, 1982 at 3:45 a.m. (Pause for repeat of Fanfare!) He weighed in at exactly eight pounds and his length was 19 and a half inches. A healthy, happy baby, he shows little interest in SWL/DXing or in his father's computer. However, he does contribute to the local QRM and his signal strength is a solid 10! Congratulations, John and Kathy. Now put him down and get back to your publishing!

### RADIO WEST IS BACK AND CATALOG NO. 5 IS AVAILABLE

Last month, we gave ANARC's report that Radio West was back in business. Now we have Grant Manning's own News Release verifying that fact. It says in part, "The company, customers, and I were betrayed badly by those I thought trustworthy and loyal...An employee I figured was my friend wasn't and I've since discovered who the real ones are - this plus some incredibly positive cards and letters from customers and fellow DXers really have helped me out - and I can't say thanks enough." Now Grant's offering Catalog No. 5 -- just for the asking. Address him at Radio West, 3417 Purer Rd., Escondido, CA 92025, U.S.A. Or call him at 714/741-2891.

### BBC ASKS, 'IS THERE AN ARTIST IN THE HOUSE?'

The sound of Big Ben was broadcast to the world by the BBC fifty years ago and now the BBC External Services are celebrating this golden anniversary with an art competition. Visits to Britain for two are among the prizes. BBC's motto, "Nation shall speak peace unto nation", is the theme and art work may be submitted by listeners outside the United Kingdom who are over 16 years old. The closing date is Aug. 31. Only two dimensional work will be accepted. For details, and an entry form, write to BBC External Services Jubilee, Bush House, Strand, London WC2, UK. And we'll wager a crumpet that if you win, they'll give you a tour of BBC, too. Cheers!

### SONY INTRODUCES NINE-BAND PORTABLE 7600A

According to Dave Browne, ANARC Exec Secretary, local SONY dealers in the U.S.A. and Canada were scheduled to introduce, on May 15, a new 9-band, battery operated, lightweight portable receiver, the 7600A. This rig is supposed to be especially good for apartment, field, and touring reception. For info, write to SONY Consumer Products Co., 9 W. 57th St., New York, NY 10019 - Att: Mike Sato, Merchandising Mgr., Consumer Audio Marketing. SONY plans to have a rep at ANARC '82 in Montreal.

### RADIO NEDERLAND TO AIR 'MEDIA WARS: PROPAGANDA PAST AND PRESENT'

Beginning on June 10, RN's Media Network will initiate a series of six programs tracing important cases in recent history where radio has had an influence on national or international events in different parts of the world. Listeners who feel they have recorded or written material that might be of some value are invited to contact the producer: Johnathan Marks, Media Network, Radio Nederland Wereldomroep, P.O. Box 222, Hilversum, Holland. The popular impressario also offers a copy of the Media Network Computer Information Release covering that net's computer experiments and the Hobbyscoop Basic-Code. Marks points out that these programs are free from copyright provided they are used for non-commercial use and the name of the author and Radio Netherlands Media Network are credited. (Hard to believe that so many freebies are available.)

### 'RADIOVOICE' GETS OUT OF THE WOODS -- INTO THE MAILS

The magazine on a cassette, "Radiovoice", announced in the April Keynotes, has overcome its technical problems and has its first issue in the mails. Samples may be had for US\$1.00 by writing to James Tedford, Production Manager, at the publication's new QTH: 833 W. Bluff St., Marquette, MI 49855. A reminder to HAP; this looks like a good deal for the visually handicapped, and an interesting experiment in mags for all of us.

### HERE'S A PENPAL FOR RTTY/CW LISTENERS

A SPEEDXer for longer than any other outside North America, A. L. B. Jansen, Kievitdwaarsstraat 13, 3514 VC Utrecht, Holland has been a member for ten years and has devoted the last six to RTTY/CW. He's anxious to correspond with folks of like interest. Anthonie has a wide range of RTTY/CW gear including the Theta Convactor, Trio scope, et al. It you are into this phase of our hobby, drop him a line.

# PROGRAM

JUNE 1982

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

# PANORAMA

AUSTRALIA...SPECTRUM with Dick Speekman can be heard on the 1st and 3rd Sundays of each month at 0612, 0810, 1612, 2112 GMT as well as on the following Monday at 0330 GMT over Radio Australia's regular shortwave frequencies...LETTERS TO THE EDITOR looks at some of the more interesting or amusing letters that have appeared in the Australian press this week. Tune in Fri 1240, 1840, Sat 2012, Sun 0212 GMT...Night Owls in North America on weekends might want to tune to INTERNATIONAL TOP HITS on Sat 0912-1100 GMT or AUSTRALIAN TOP HITS on Sun 0912-1100 GMT over RA. (Kraig W. Krist, VA & Jerry Blake, IN)

ECUADOR...HCJB has a parallel release to North America from 0030-0130 GMT nightly on 15175 kHz. Programs heard are THROUGH THE BIBLE & BACK TO THE BIBLE, Tue-Sat; HOUR OF FREEDOM & TELLING THE TRUTH, Sun; ENCOUNTER WITH TRUTH, HCJB MUSIC MAKERS, THE CALVARY HOUR, Mon. (Donald McCants, AL)

FALKLAND ISLANDS...The BEC World Service special transmission directed to these contested islands is now scheduled daily. Tune in at 2120 GMT on 15400 and 11820 kHz for this daily broadcast.

HUNGARY...Radio Budapest has a monthly program guide in "Budapest International." The publication contains useful information on listening for the upcoming month. If you would like to be put on the mailing list for this free schedule, write to Radio Budapest. (Thanks to Ruth Hesch, NY for providing us with a copy.)



NETHERLANDS...Radio Netherland's MEDIA NETWORK program on Thursday is taking a 6-week rest this summer. Instead of airing summer "reruns" in the MN slot, the station plans to broadcast a special series of programs under the name MEDIA WARS. Beginning June 10, you can hear a history of propaganda, past and present, each week for six consecutive weeks. In North America, tune in to the 0230 and 0530 GMT transmissions. (Direct)

PHILIPPINES...FEBC broadcasts in English daily from 2300-0500 GMT on 15435 and 21515 kHz, 0000-0100 GMT on 17810 kHz, 0800-1000 GMT on 11890 and 21515 kHz and 1245-1545 GMT on 15440 kHz. GOOD MORNING FROM MANILA can be heard Mon-Fri from 2300-0045 GMT...OPERATION FRIENDSHIP can be heard Mon 0345, Wed 0845, Fri 0145, 1445, 2345 GMT...NEWS can be heard at 2330, 0030, 0130, 0230, 0330, 0430, 0830, 0930, 1330 and 1430 GMT...SHORTWAVE MAILBAG is timed as follows: Sun 2345, Tue 0345, Thu 0145, 1445, Fri 0845 GMT...At 1245 GMT daily, GOOD EVENING can be heard, followed by FILIPINIANA on Sat and Sun, THIS IS THE PHILIPPINES on Mon-Fri. (Thanks to Randy Moss of CA for providing us with the FEBC schedule.)

SOUTH AFRICA...Here is the current schedule for Radio RSA in English for North America daily 0200-0257 GMT on 9615, 9580, 5980 kHz: Mon (Sun night in target area) NEWS, COMMENT & OPINION, CONVERSATION CORNER, THIS IS SOUTH AFRICA; Tue-Fri NEWS, COMMENT, AFRICA TODAY, including Tue BUSINESS FRONT, Wed TALKING POINT, Thu SPECIAL REPORT Fri TRADE AFRICA; Sat has NEWS SPOTLIGHT, AFRICA TODAY (including LOOKING INTO AFRICA); Sun NEWS, P.O. BOX 4559, TOURING RSA, DX CORNER. All transmissions end with NEWS IN BRIEF. (James Marin, FL and Ivan Grishin, ONT)

TIRED OF SUMMER TV RERUNS? TUNE IN TO A SHORTWAVE PROGRAM TODAY!

SINGAPORE...SPEEDXer Chris Stark of NB sends a recent program guide from Radio Television Singapore. The station broadcasts in English daily from 2230-1630 GMT on several frequencies, including 5052 and 11940 kHz shortwave. The list of programs available is too long to include here, but a schedule can be obtained by writing to the station. Here are some of the program titles listed: ON THE SUNNY SIDE, POTLUCK, THE WORLD OF BOOKS, MUSIC WHILE YOU WORK, LET'S GO COUNTRY, ARMED FORCES HOUR, TEA BREAK, SUNSET SERENADE, ENGLISH BY RADIO, TOP OF THE POPS, POETRY AND MUSIC, SOOTHING SOUNDS, WORLD OF ANIMALS, NIGHT CIRCUIT, LET'S MAKE MUSIC, LUNCH DATE, A TOUCH OF COURAGE, MANDARIN BY RADIO, CHART BUSTERS, RAGTIME, DISC DATE, HOT TRACKS, HAWAIIAN PUNCH, TO EACH HIS OWN, CLUB CONTINENTAL, VISITOR'S NOTEBOOK, HITS FROM HOLLYWOOD and ARTS ALIVE. Sounds like an interesting mixture!

SWITZERLAND...Here's the current English lineup for Swiss Radio International: *Swiss Radio International*  
Mon-Fri DATELINE; Sat (1st & 3rd) THE GREAT SATURDAY GRAPEVINE, (2nd & 4th) THE SWISS SHORTWAVE MERRY-GO-ROUND; Sun (1st) BALANCE SHEET, (2nd) ROUNDOABOUT SWITZERLAND, (3rd) SUNDAY SUPPLEMENT, (4th) JAZZ PANORAMA, (5th) REPEAT PERFORMANCE. (Thanks to John H. Demmitt, PA)

UK...BBC World Service for June: NEW WAVES concludes this month with Heaven 17 and Adam Ant featured on the last two programs. Tune in during the 1st two weeks of the month on Sat 0430, Mon 1115, Tue 2315 and Fri 0730 GMT...25 YEARS OF ROCK continues with the current events and music of the past. This month the years 1964-67 are covered, Sun 1830, Fri 0030 (except 11th, 25th, at 1345 GMT also)... Carleton Hobbs and Norman Shelley give classic radio performances recorded 25 years ago in the series SHERLOCK HOLMES. Tune in Mon 1715, Wed 0230, 1030, Fri 2030 GMT. Elementary!...A 15-part adaptation of Tolkien's THE HOBBIT begins this month. Tune in Sat 0815, Sun 1915, Mon 0215, 1015 GMT...Wimbledon Tennis begins June 21... The 1982 World Cup (soccer) playoffs begin June 13. BBCWS coverage is uncertain at press time due to the Falklands crisis and its effect on British participation in the Cup. The Final is July 11 at 1830 GMT. (BBC London Calling, June 1982)

USA...WYFR has a MAILBAG program on Sat and Sun at 0135 GMT in its transmission to the Americas on 9715 kHz. An English/French/German/Russian Service to Canada is heard from 1300-0600 GMT daily on various frequencies. The program feeds are taken from transmissions to various parts of the world in a simulcast arrangement. (Thanks to Kraig Krist, VA, Randy Moss, CA & Jay Latko, OH for sending information on WYFR.).....AFRTS broadcasts PAUL HARVEY News and Comment at 1817 GMT on 15330, 15430 kHz, repeated at 1917 GMT on the same frequencies Mon-Fri. PAUL HARVEY NEWS can be heard Sat at 1817 and 2017 GMT. HIS REST OF THE STORY is heard Mon-Fri only at 1930 and 0030 GMT over AFRTS frequencies. (Donald McCants, AL)

USSR...Here's the latest schedule for Radio Kiev's English Service, to North America at 0030 and 0300 GMT daily on various USSR frequencies: Daily, NEWS, followed by COMMENTARY (heard daily except Sat), then feature programs--Mon LET'S DISCUSS IT & HELLO FROM KIEV; Tue FACTS TESTIFY, PEOPLE AND THE STATE, SOCIALISM-CREATION AND PEACE; Wed USSR-CONSOLIDATED UNION & DX CLUB; Thu YOUTH PROGRAM; Fri MEET THE SOVIET PEOPLE & SPORTS ROUNDUP; Sat RADIO KIEV MAILBAG; Sun MUSIC FROM UKRAINE. (Kraig W. Krist, VA & Morris Pfeffer, NY)..... Radio Moscow is broadcasting a REQUEST INTERVIEW every other Sun/Mon at the following times: 2245, 0015, 0245, 0345 and 0545 GMT over the East Coast and West Coast North American Services. On the program selected people in the USSR are asked questions from listeners about their specific occupation or lifestyle. Listeners are asked to send in their proposed questions at least 6 weeks before the scheduled date. The schedule: June 6--a blue collar worker; June 20--a young ham (hobbyist, actor or food?-WS); July 4--a young couple; July 18--a movie star; August 1--a labor official. (James Surprenant, MA) 73! *W.S.*, 5/20

RADIO  
MOSCOW



# 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

TIME AND STANDARD FREQUENCY STATION LIST A new booklet just published by Bill Potorti, 912 Plumas Ave., Reno, Nevada, 89509. This lists stations in Frequency order, 24 hour stations, stations in time order and station addresses. All in an offset printed 28 page pocket size. (A little smaller than SPEEDX) Price is \$2.50 postpaid in North America and \$3.50 Postpaid Airmail to Overseas readers. (Int'l money orders only) (Bill is a SPEEDXer!)

\*\*\*\*\*CONGRATULATIONS!!!! TO JOHN AND KATHY TRAUTSCHOLD.....They have a new son.....Christian John Trautschold..(Is he going to be a DXer John???)

RADIO WEST...AlsoKnownAs Grant Manning is back into business at the old location on 3417 Purer Rd., Escondido, Cal. 92025. Grant says it was quite a struggle and hassle. He is still trying to get old matters sorted out but it back selling, repairing and modifying equipment again. More news when it becomes available. (GRANT BADLY ripped off by a trusted employee!!)

ANARC NEWSLETTER for May had some details about expanding the memory of the FRG-7700 and the NRD-515 for considerable more channels. For your copy, write ANARC, 1500 Bunbury Rd., Whittier, CA, 90601. Request the May 1982 issue. Enclose 50¢ or 3 IRC's. Say you saw it in SPEEDX!!

SINCLAIR ZX-81 COMPUTER...It is presumed that some of you have seen ads for the British made SINCLAIR ZX-81 computer in the electronic publications as of late? If not, and you have been thinking "computer", you might carefully consider one! It is a truly incredible machine for the paltry sum of \$99.95 in kit form or \$149.95 wired and tested. Unless you are REALLY into building things, the kit is NOT recommended!! Assembly, although simple is NOT for beginners. The computer comes with a power pack and quite a good instruction book. The ZX-81 speaks "BASIC", as do most of the current lot of home type computers but can be programmed with "machine language" by experienced programmers. It comes with an 8K BASIC 'ROM' (read-only-memory, the "brains" of the machine) and 1K of 'RAM' (random-access-memory, the place your program is stored). A Zilog Z-80A Microprocessor is used (same type as in the TRS-80) along with a special SINCLAIR 'logic' chip. Additional memory is available in the form of the "ZX" 16K (Kilobyte) RAM pack, wired and tested for \$99.95. Programs can be stored on cassettes with an ordinary recorder. Your Editor has one copying "Morse" code quite well at the moment. Plans here are to soon have a RTTY program and interface to read RTTY transmissions. Practically no radio interference is experienced on the SW bands here from the computer. The computer works with any TV set as a video terminal and is very simple to hookup and use. "Bayoutronics" plans to make available later on this year modifications and an interface module for CW/RTTY operation with the necessary "software" for cassette loading of the program. More on this later if interest is shown. Might be a way for YOU to get into CW/RTTY DXing without spending a BIG bundle! (AND have a computer to boot!)

In closing, TIMEX plans to market the ZX-81 built in their factory here in the USA late this year, and have the same distributors market it who now sell TIMEX watches! (You might be able to buy one at your Supermarket or drugstore!)

COMMENT: Thanks to you all that have written. Sorry to have delayed some answers so long, but my job has been quite busy and mr. 3 stepson is about to be married! A lot of time has been spent working with the ZX-81 project and things around the house. Keep the letters coming and remember to enclose an SASE or two 20¢ stamps with your question IF it requires a personal reply, I hope everyone has a nice spring. Until next month....73

*Sandy WSTW*

# SPEEDX

## SPEEDX

the dx radio magazine  
for active shortwave listeners

PUBLISHERS PAGE.....

edited by John R. Trautschold

WHAT??? A publishers page you say? Isn't this where Western Hemisphere is supposed to be? You're absolutely correct. Just where is W/H? Only the post office knows for sure. I talked with Chris Hansen and he says it was mailed a week ago, so who knows. In any case, as much as I hate to drop a column the size of W/H, I must in order to get this magazine out. I hope you'll understand and we should see W/H back again the next time around.

ASCENSION ALICE: By now I'm sure all of you have heard of "Argentine Annie" broadcasting messages to the British fleet down at the Falkland crisis. Well, according to the Associated Press (in the Milwaukee Journal Sat. May 22, 1982) the British have answered back to the soldiers from Argentina with Ascension Alice! According to the article, "Ascension Alice, a sultry-voiced radio announcer...has begun broadcasting in hope of demoralizing Argentine troops on the Falkland Islands in a battle of the airwaves.

"Alice, a British newspapers nickname for an announcer who goes by the name Marianna, made her first broadcast Thursday night from a radio station on Ascension Island, Britain's mid-Atlantic base for the fight to retake the Falklands.

"She is the Spanish-speaking British counterpart of an equally sexy-voiced English speaking woman who three weeks ago began broadcasting propaganda to the British fleet.

"Marianna and two male announcers known only as Francesco and Juan, are believed attached to Britain's top-secret Government Communications Headquarters, an intelligence unit monitoring Soviet bloc radio signals. They broadcast twice daily on 9710kHz."

So, there you have it, first in SPEEDX! The article goes on to talk about what the British will talk about on the broadcasts, stating that they "will be strictly factual". The BBC however, feels quite differently about these broadcasts, fearing "the use of its facilities on Ascension will undermine its reputation for objectivity". Also, the Association of Broadcasting Staffs and the National Union of Journalists "have protested the 'gross interference in the independence and editorial freedom of the BBC'". The article does not mention times of the broadcasts, so try tuning in periodically and of course, if you hear anything, make sure to report it to SPEEDX (W/H column of course) or the SPEEDX-GRAM.

WANT ADS: These of course normally appear at the end of the magazine, but because we also did not receive the contributors list from Chris, we cannot place them back there. We have a big list of items for sale, so read on...

FOR SALE: Drake FS-4 synthesizer, perfect cond., \$250. Ten years of SPEEDX, Vol. I No. 1 to Vol XI No. 12 (July 1971 to Dec 1981). This is a complete set. \$100 or best offer. David Walcutt, 211 W. 56 St., Apt. 36F, New York, NY 10019. phone (212) 582-4340.



FOR SALE: DX-160, exc cond. w/owners man.-\$60 + COD; Gilfer C-10 Calib. w/1000, 100, 50, 25, & 10 kHz audible mkr, exc. cond.-\$20 + COD; Tennelec MCP-1, 16 ch. programmable scanner w/owner & svc man., needs work but does work on & off-\$50 + COD; 1 copy World Press Svc Freq's-3rd ed. 1981-never used-\$5 postpaid. E. Krolak, 173 W. Labo, Carleton, MI 48117 (313) 654-8387 - NO COLLECTS.

FOR SALE: Mint RF-3100 w/box and IB @ \$205. I pay UPS. Frank Shoemaker, Box 6432, Syracuse, NY 13217. (315) 446-9016 evenings.

FOR SALE: Panasonic ICF3100 AM-FM-SW port. home radio; PLL, LED readout, good narrow filter-\$230 (\$370 list) incl. shipping; Ronald Pokatiloff, 2661 Sheridan, Zion, IL 60099 (312) 872-3633.

FOR SALE: Palomar P-305 Ant. preamp (great for improving indoor SW ant's), exc. cond.-\$75. 12 inch speaker from a Sony 25 inch TV, exc. cond - \$20. I would also like to correspond with other club members who use DX-302 rcvrs and would also like to meet other Metro Phoenix, AZ DXers & SWL's. Gabriel Grijalva, 723 S. First Ave., Phoenix, AZ 85003. phone (602) 258-4162 NO COLLECTS please!

FOR SALE: Bearcat 300 deluxe 50 ch. scanner - svc search, rmt tape, etc. Orig. box, man, like new - \$300 or best offer. Also, Radio Shack 4 ch. port. scanner (VHF-HI, UHF) w/8 xtals and hdpone, orig. box, like new-\$50. Ronald Pokatiloff, 2661 Sheridan, ZION IL 60099 (312) 872-3633.

NEEDED: Information from anybody using the "Evesdropper" ant. good or bad, or someone who has a used one for sale. Must be in good cond. and working! State \$. For sale or Trade, a Heath QF-1 Q-multiplier bought from ham store in working cond. I never used it - make offer. Lyle Taylor, P.O. Box 791, Willcox, AZ 85643

SWAP: DX150B, 1 programmable tunable scanner, PRO53 scanner, all Radio Shack, 1 autek audio filter, sell for best offer, or swap all for good FRG-7. (618) 465-2706, Wed-Thur home. Bob Hart Jr., 1817 Evergreen, Alton, IL 62002

FOR SALE OR TRADE: FRG-7, unmodified except for 2.7kHz ceramic filter, in exc. cond., used only by your little old publisher for DXing HCJB's DXPL on weekends! \$220 or best offer, or trade for ICF2001. John Trautschold, P.O. Box 861, Menomonee Falls, WI 53051 or call evenings, (414) 251-2067. Absolutely NO COLLECTS.

FOR SALE: Ameco PI-2 Preamp like new covers LW-MW-SW w/manual @ \$80 or best offer. 2-yr old RF-2200 works great @ \$95. Buy both for \$165. Shipping included. Mark Eramo, 5 Kimball Dr., Stoneham, Mass. 02180.

WANTED: McKay-Dymek AM tuner in good shape, any model. Tom Adams, P.O. Box 1165, Midland MI 48640. Call 517-631-7115 after 7 pm. NO Collects!

WANTED: NordMende Transita Universal K-C portable radio. Lawrence Albert, P.O. Box 5394, Ft. Wayne, IN 46895. Call 219-485-9240. NO Collect Calls!

WANTED: RF-5000A and CRF-160 and/or other comparable portable SW rcvrs. Will pay reasonable price. Mel Ragucci, 215 Tiki Dr., Merritt Island, FL 305-452-2502. NO Collect Calls!

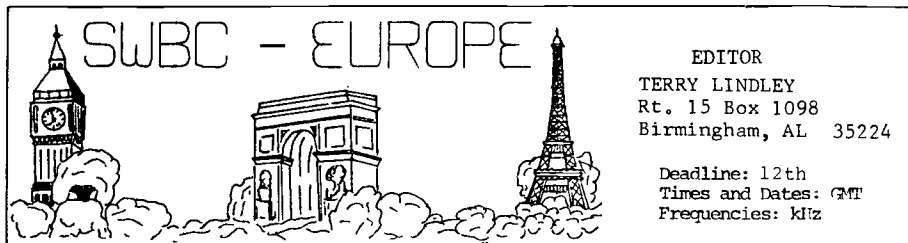
FOR SALE: 2 hour tape of Solomon Is. B.C. church svc (Pidgin & English), full, complete & audible ID, pop mx, nx, taped 5-2-82 w/no QRM. Send \$1 for copy of tape to Darryl Holland, 3215 Arlington Ave., Suite 1B, Riverdale, NY 10463. If dissatisfied, your \$1 will be refunded.

FOR SALE OR TRADE: White's Metal Detector CM5D; also Drake AL-4 loop ant. for SPR-4. Trade for RTTY reader; rcvr, FM tuner. Bill Smith, Brown Terr., Uxbridge, MA 01569

WANTED: HAP needs blank 60/90 min. cassettes, recorded cassettes of old radio shows, donations (tax deductible). Contact Ruth Vollrath, 432 N. Lyon St., Marshall, MO 65340. Call (816) 886-6585 NO COLLECTS!

WANTED: Old and recent radio bulletins, any club; I pay postage. Have some duplicates for sale or trade. Bill Smith, Brown Terr., Uxbridge, MA 01569

FOR SALE: Realistic 302 SW receiver, one month old. W/manual and original carton. Excellent-\$225 ship UPS. Melvin Flannagan Jr., 313 5th Street SW, Charlottesville, VA 22901



# SWBC - EUROPE

EDITOR

TERRY LINDLEY  
Rt. 15 Box 1098  
Birmingham, AL 35224

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

I almost wish I had,nt asked for warm weather. It is hot here in Alabama with daytime highs around 90. The human race can never be satisfied with weather. It is either too hot or too cold, too wet or too dry. We have a total of 84 reporters this month and a good pile of loggings. Lets get on to the loggings.

<u>A L B A N I A</u>		R.Tirana R.Gjirokaster
5020	0259	RG: AL-National anthem, YL w/nx.(good 4/24 Parks-FL) RT: AL-OM w/nx, ID, & song.(good 4/20 Kornek-FRG)
6200	0347	RT: EE-Talk on ideology of Marxist views.(433 4/9 Manning-TX)
7120	0259	RT: SS-IS, ID, YL w/nx, mx pgm.(544 4/12 Krist-VA)(Annis-IN (Forbes-TX)(Demmitt-PA)(Manning-TX)(Garrett-CA)(Cox-LA)
7300	0430	RT: EE-Nx pgm, anti everyone cmtry.(poor 4/4 Connell-CA) (Eichenhorn-MI)(Greenbauer-AZ)(Speer-CA)
<u>A U S T R I A</u>		Osterreichischer Rundfunk
5945	0230	ORF: GG-OM w/talks, mx, IS, & ID.(432 4/10 Forbes-TX)(Johnson-IL)(Demmitt-PA)
9770	0500	ORF: GG-OM w/nx, good mx & IDs.(434 4/13 Miller-CA)(Vollrath-MO)(Krist-VA)(Harrell-IL)(Greenwald-WY)(Ulmer-LA)
11665	0140	ORF: SS-OM w/ID, yodeling type singing.(444 4/21 Stone-ONT)
12015	0258	ORF: GG-OM w/Blue Danube on Austria Calling.(454 4/14 Forbes-TX)(Smith-FL)
15560	1805	ORF: EE-Austrian SW Panarama w/talk on communications in the year 2001.(343 4/25 Messineo-MA)(Wormwood-NY)
<u>B E L G I U M</u>		Belgische Radio En Televisie
11695	0030	BRT: EE-YL w/ID, OM w/Brussels Calling.(343 5/3 Tacoma-WA) (Annis-IN)(Speer-CA)(Addison-KS)(Harrell-IL)(Marin-FL) + 14
15360	0029	BRT: EE-Brussels Calling, Music Box. & Radio World.(444 4/19 Krist-VA)
17595	2120	BRT: EE-ID, freqs, at 2131.(211 4/8 Kephart-MI)(Krist-VA)
21525	1436	BRT: EE-P.O. Box 26 mailbag pgm, ID, & mx.(434 4/7 Ulmer-LA)
21595	2135	BRT: EE-YL w/mailbag pgm, OM w/ID & skeds.(444 4/13 Berri-CA)
<u>B U L G A R I A</u>		R.Sofia
9700	2133	RS: EE-YL w/nx, classical mx pgm.(333 4/10 Manning-TX)(Fraser-MA)(Eichenhorn-MI)
11720	0045	RS: EE-DX pgm & talk about QSLs.(422 4/26 Stone-ONT)(Levy-MS)(Smith-FL)
11750	0405	RS: EE-Talk on French-Bulgarian Econ coop.(533 5/6 Greenbauer-AZ)
11860	0830	RS: EE-Mailbag w/letters read.(444 3/27 Cox-LA)
11900	0450	RS: EE-DX pgm with talk on propagation.(434 4/12 Fortmann-IL (Annis-IN)(Cox-LA)(Eichenhorn-MI)
15135	2130	RS: EE-Review of U.N. activities.(333 5/4 Zilmer-NM)
<u>C Z E C H O S L A V A K I A</u>		R.Prague
5930	0340	RP: EE-pgm on Life in Czech, mx, & mailbag.(454 4/10 Krist-VA)
7345	0300	RP: EE-Nx pgm, cmtry, mx, stapm corner.(333 4/4 Manning-TX) (Forbes-TX)(Ulmer-LA)(Fraser-MA)(Greenwald-WY)
9540	0100	RP: EE-Nx pgm, cmtry & features/(222 5/3 Zilmer-NM)
11990	0335	RP: EE-OM w/cmtry on "World Peace".(333 4/19 Creamer-CO)(Ulmer-LA)(Vollrath-MO)(Speer-CA)(Kephart-MI)(Smith-FL)(Eichenhorn

It seemed that before the Falkland Island situation that no one but SWLs and DXers knew where the islands were. Now everyone knows that they are off the coast of S.Amer.

FINLAND

R. Finland

17800 1238 RF: EE-"Stories of Our time".(333 5/2 Zilmer-NM)  
 21475 1201 RF: EE-OM & YL w/Northern Report, IDs.(544 4/12 Hesch-NY)  
 (Ulmer-LA)(Van Horn-TX)(Levy-MS)

FRANCE

R. France Intl

3965 0532 Allouis: FF-Mx pgm w/FF ballads.(323 Cohen-PA)  
 15135 0500 RPI: FF-French mx pgm, OM w/ID.(433 4/14 Knight-CO)  
 15155 0909 RPI: FF-Oldies mx pgm played Blue Suede Shoes.(444 Ross-ONT)  
 (Traver-LA)(Miller-CA) Don't step on my blue suede shoes...  
 15195 1917 RPI: FF-YL w/wld nx, ID, mx pgm.(444 5/6 Van Horn-TX)  
 17850 1640 RPI: EE-Paris CALLing Africa, nx pgm.(333 4/30 Sable-MA)(Cox  
 -LA)(Harrington & Knight-CO)  
 17860 1607 RPI: FF-French talk.(no other details),(444 Harrington &  
 Knight-CO)(Hesch-NY)  
 21620 1630 RPI: EE-Cmtry about rat problems in Africa and attempts to  
 eradicate them.(454 4/16 Connel-CA)(Ulmer-LA)(Harrington-CO)  
 25820 1500 RPI: FF-IS, ID, invited listeners to write.(555 Chituck-Italy)  
 25900 1121 RPI: FF-2 OM talking about futbol, YL w/mx.(454 4/9 Hesch-NY)

GERMAN DEMOCRATIC REPUBLIC

R. Berlin Intl

6040 0259 RBI: SS-End of nx pgm, QRM startup from VOA.(333 4/19 Jones-  
 MS)  
 9560 0232 RBI: EE-Wld & National nx, listed 9730 but not heard.(444  
 5/5 Sanchez-CA)  
 11840 0230 RBI: EE-Nx pgm, cmtry on Isreal.(433 4/16 Krist-VA)  
 11890 0230 RBI: EE-Nx pgm, cmtry on "May Day" (333 4/17 Krist-VA)  
 21465 1250 RBI: EE-OM w/interview, DX Time & Mailbag.(353 4/26 Hesch-NY)  
 21540 0502 RBI: EE-Talk on Anti-Nuclear movement.(444 4/17 Reames-Japan)

GERMAN FEDERAL REPUBLIC

Deutsche Welle

3995 0300 DW: GG-IS, YL goes into mx pgm.(333 Cohen-PA)  
 5960 0518 DW: EE-ID, wld nx, travel pgm on sites in Ger.(434 5/2 Van  
 Horn-TX)  
 6040 0035 DW: EE-Parallel to 11865.(555 4/23 Addison-KS)  
 6075 0240 DW: GG-// to 6085.(423 4/28 Beeman-OH)  
 6085 0140 DW: EE-Gave Address.(454 4/23 Addison-KS)  
 6100 0035 DW: PP-QRM from Yuto time sig on same freq.(322 4/14 Kephart  
 -MI)  
 6145 1045 DW: EE-OM w/talk on the feasibility of seperating bike traf-  
 fic from cars.(544 4/15 Lindley-AL)(Eichenhorn-MI)(Valentine  
 9565 0025 DW: EE-Talk on endangered species of animals.(434 ????????)  
 9605 0456 DW: GG-OM w/talks and cmtry.(444 5/5 Traver-CA)  
 9735 0130 DW: EE-Talk on USA & Euro economic plans.(444 4/9 Langlois-GA)  
 9650 0500 DW: EE-OM w/ID, freqs, & nx.(111 4/20 Greenwald-WY)  
 11865 0125 DW: EE-Review of the German Press.(444 4/30 Grishin-ONT)  
 (Stone-ONT)(Addison-KS)  
 11905 0530 DW: EE-OM w/cmtry on arts & crafts.(554 4/12 Eichenhorn-MI)  
 15145 2011 RFE: RR-OM & YL alternating talk.(422 5/2 Traver-CA)(Knight-  
 15255 0400 RFE: GG-ID, IS, badly jammed.(232 3/20 Harrington-Knight-CO)  
 21600 1915 DW: GG-OM w/ID, pop mx.(455 4/19 Addison-KS)  
 21650 1215 DW: JJ-Radio Magazine & Mailbag.(444 5/2 Reames-Japan)

GREECE

Voice of Greece

11650 2344 VOG: EE/GK-Nx, ID, freqs, & times.(344 4/25 Smith-FL)  
 11730 0130 VOG: EE-Nx about tourists killed in bus crash.(444 4/21 Stone  
 -ONT)(Van Horn-TX)(Eichenhorn-TX)(Ulmer-LA)(Grishin-ONT)  
 12045 0130 VOG: EE-Nx pgm in EE, them GK talking.(343 5/5 Zilmer-NM)  
 15595 0122 VOG: EE-GK mx, nx pgm, ID, & nx.(444 3/22 Hill-SC)  
 17555 1238 VOG: EE-Around 1230 to 1235 they have 10 minutes of nx in EE  
 but it varies in time.(222 5/6 Zilmer-NM)

HUNGARY

R. Budapest

9835 0110 RB: EE-ID, Nx, talk on a theater.(433 4/20 Smith-FL)(Ulmer-  
 LA)(Kephart-MI)(Krist-VA)  
 11910 0300 RB: EE-DX tips, loggings, on the RB DX show.(343 4/10 Annis-  
 IN)(Hill-SC)(Cox-LA)  
 15200 0130 RB: HH-Bokros Katalin talks of Exhibition of Endres manu-  
 scripts.(443 4/22 Byron-NY)  
 15220 0128 RB: EE-OM says goodbye, ID, IS.(444 4/14 Knight-CO)(Annis-IN  
 Sounds like you caught the very end of that Chris....tml  
 17710 0158 RB: EE-IS, "International Newsroom" w/nx mostly about tje  
 Falklands situation,(534 5/5 Surprenant-MA)(Ulmer-LA)(Krist)

I C E L A N D Icelandic State Broadcasting Service  
13797 1900 ISBS: IC-Nx pgm by several OMs, YL w/ID.(343 4/6 Snyder-NY)  
2000 ISBS: IC-US rock mx, YL w/talks.(222 4/26 Hill-SC)

I T A L Y Radiotelevisione Italiana  
9575 0101 RAI: EE-IS, ID, freqs, YL w/nx pgm.(334 4/27 Miller-CA)(Van Horn-TX)(Kephart-MI)(Fraser-MA)  
11800 0140 RAI: II-IS, YL w/IDs & freqs.(434 Ulmer-LA)  
15465 2130 R.Pace: II-QTH & phone given.(333 4/22 Flanagan-MA)  
21560 1830 RAI: II-OM w/nx, mx, IS, & ID.(555 4/15 Jamieson-CA)  
21615 1420 RAI: ??-Mx pgm, ID, more mx.(242 4/10 Kobylski-MD)

L U X E M B O U R G H R.Luxembourg  
6090 0000 RL: EE-Rock mx, address.(444 4/4 Delk-PA)(  
0030 RL: EE-ID, mx pgm, ads.(444 4/29 Demmitt-PA)

M A L T A Intl Christian Radio  
9515 2045 ICR: EE-Pgm called Reality, featuring bible lectures and gospel mx.(343 4/21 Latko-OH)D'Angelo-PA)(Kephart-MI)(Snyder-NY)(Delk-PA)  
15105 0100 DW: EE-Nx, cmtry, mx pgm, & GG by radio # 26.(555 5/2 Greenbauer-AZ)(Harrington-CO)

M O N A C O Trans World Radio  
9495 0870 TWR: EE-Evangelical pgm to Britain.(good 4/1 Parks-FL)(Kobylski-MD)(Levy-MS)  
9510 0300 TWR: RR-IS, ID, pgm in Russian.(232 4/19 Kephart-MI)

N E T H E R L A N D S R.Nederland  
6165 0230 RN: EE-OM w/ID, newline.(455 4/23 Addison-KS)  
6260 0414 R.Tropical Intl: DD/EE-Pop mx, address.(poor 4/18 Kornek-FRG)  
9590 0242 RN: EE-OM w/The Happy Station Show.(544 4/26 Ward-NB)  
9715 0830 RN: EE-Happy Station talk about Easter Egg hunt.(443 4/11 Levy-MS)  
17605 2115 RN: EE-Talk about pirate stations.(444 4/8 Snyder-NY)(Knight-CO)  
17659 2043 RN: EE-Happy Station mx & cmtry by Tom Meyer.(433 4/25 Smith-FL)  
21480 1231 RN: IN-Nx about Falklands, & mx.(454 5/3 Reames-Japan)  
21685 2055 RN: EE-Happy Station mx, listener letters.(353 5/2 Greenbauer-AZ)

N O R W A Y R.Norway  
11870 0000 RN: EE-Nx, Listeners Corner, talk on Newspapers in Norway. 5/3 Kobylski-MD)  
15135 2000 RN: EE-Nx, "Scandanavia Today" a feature on Norwegian culture (343 4/25 Connell-CA)  
15165 0254 RN: NW-IS, nx, EE ID.(323 4/14 Knight-CO)  
21725 1600 RN: EE-Norway This Week.(323 4/18 Hahn-CA)  
25730 1725 RN: NW-OM & YL w/talks, EE ID.(555 4/12 Chituck-Italy)

P O L A N D R.Polonia  
7270 2230 RP: EE-Report on financila situation.(454 4/13 Fraser-MA)  
9525 0200 RP: EE-Nx pgm, cmtry on economy.(322 4/16 Krist-VA)(Kephart-MI)

P O R T U G A L R.Portugal  
6025 0150 RP: PP-Pop mx pgm, nx.(433 4/27 Davidson-SC)(Speer-CA)  
6155 0300 RP: EE-Usual pgming //11925.(444 5/4 George-TX)  
9575 0545 RP: EE-PP mx pgm, IDs, freqs.(433 4/10 Ross-ONT)(Delk-PA)  
11730 0055 RP: PP-YL & OM w/talks, IDs, & nx pgm.(433 4/30 Wilczek-IL)  
11925 0302 RP: EE-Mx pgm, OM w/ID & wld nx.(444 4/25 Johnson-IL)(Coleman-MA)(Ulmer-LA)(Kephart-MI)(Forbes-TX)  
15295 1730 RP: PP-Pop mx pgm, & IDs.(354 4/10 Ulmer-LA)

As some of you will have noticed I included some freqs from different sites for Deutsche Welle and the Netherlands. If you disagree with this practice then by all means voice your opinion.

R O M A N I A

R. Bucharest  
 9570 0224 RB: EE-OM w/pgm on restoration of art peices.(333 4/27 Kephart-MI)(Stone-ONT)  
 11810 0200 RB: EE-Nx pgm , cmtry, mx pgm.(433 4/13 Harrell-IL)  
 11940 0240 RB: EE-"Youth Club", radio amateur news.(545 5/8 Sable-MA) (Smith-FL)(Annis-IN)(Harrington-CO)  
 15390 0230 RB: EE-OM w/mx, cmtry on resorts.(423 3/24 Eichenhorn-MI) (Thompson-CA)

S P A I N

Radio Exterior de Espana  
 9630 0530 REE: EE-YL & OM w/talks on "Panarama"(433 5/1 Garrett-CA) (Smith-FL)(Greenwald-WY)(Addison-KS)(Ward-NB)(Grishin-ONT) (Hesch-NY)  
 9650 0100 REE: EE-Talk on SS conquest of Americas.(444 4/8 Langlois-GA)  
 11880 0545 REE: EE-OM w/nx & cmtrys, piano mx.(444 4/20 Creamer-CO) (Valentine-CA)(Addison-KS)(Speer-CA)(Coleman-MA)(Cox-LA) + 12  
 15125 2005 REE: SS-YL w/mx pgm, beautiful guitar mx.(333 5/2 Traver-CA) (Delk-PA)(Carlson-WA)

S W E D E N

R. Sweden Intl  
 9695 0230 RSI: EE-Skeds & pgms, nx, & mx pgm.(333 4/27 McKibbin-CO) (Sarkisian-MI)(Wormwood-NY)(Speer-CA)(Delk-PA)(Vollrath-MO)+9  
 15270 2315 RSI: EE-OM w/DX pgm SCDXers.(Eichenhorn-MI)  
 15380 2300 RSI: EE-Nx & SCDXers.(333 5/4 Zilmer-NM)  
 15390 0438 RSI: SW-YL w/mx pgm of Swed songs.(322 4/9 Jamieson-CA)  
 15420 0230 RSI: EE-Nx & SCDXers.(322 5/5 Zilmer-NM)  
 17790 1400 RSI: EE-Nx & SCDXers.(322 5/4 Zilmer-NM)  
 17840 0230 RSI: EE-IS, Nx about Scandanavia, SCDXers.(444 4/14 Famularo -CA)(Forbes-TX)  
 21615 1400 RSI: EE-IS, & nxpgm.(433 4/13 Beeman-OH)  
 21645 1710 RSI: SW-SSB tx, a radio play.(133 4/5 Beaudoin)  
 21700 1407 RSI: EE-OM w/mx, & talk on seabirds.(333 4/24 Jamieson-CA)

S W I T Z E R L A N D

Swiss Radio Intl  
 3985 0611 Schwarzenburg: FF-Swiss mx, ID.(444 Cohen-PA)  
 6135 0140 SRI: EE-Nx Fox IS, ID, nx on Dateline.(544 4/28 Demmitt-PA)  
 9725 0500 SRI: EE-"This Week in Switzerland".(333 4/11 Manning-TX) (Addison-KS)(Ulmer-LA)(Vollrath-MO)(Fraser-WA)(Snyder-NY)+ 8  
 11715 0150 SRI: EE-OM w/wld nx on Dateline.(544 4/8 Forbes-TX)(Knight-CO)(Delk-PA)(Byron-NY)(Smith-FL)  
 15300 2157 SRI: EE-ID, nx, pgm of Swiss country mx.(323 4/14 Surprenant -MA)  
 15305 0206 SRI: EE-OM w/report about Somali refugees.(444 4/10 Johnson-IL) (Annis-IN)(Addison-KS)(Knight-CO)  
 17830 1530 SRI: EE-Cmtry on 500 year border dispute between the Swiss and the French.(353 4/16 Connell-CA)(Kobylski-MD)  
 17850 2200 SRI: EE-History of the Orient express.(433 4/18 Stone-ONT)  
 21570 1815 SRI: EE-YL w/ID, OM w/nx on Dateline.(544 4/6 Hesch-NY)(Hahn -CA)(Krist-WA)(Beaudoin-CT)(Kephart-MI)  
 21585 2210 SRI: EE-OM w/cmtry about shipping.(333 4/13 Eichenhorn-MI)

I N I T E D K I N G D O M

BBC: EE-The World Today w/business matters.(455 4/9 Manning-TX)  
 6120 0115 BBC: EE-YL w/ID, & pgm of wld nx.(555 4/19 Addison-KS)  
 6175 0315 BBC: EE-OM w/cmtry on Soviet life.(544 4/26 Ward-NB)  
 6199.7 0956 R.Apollo: EE-ID, address, DX show.(fair 4/18 Kornek-FRG)  
 6275.2 1100 R.Krypton: EE-OM & YL w/USL announcements, pop mx pgm, they best on Sunday from 1000 to 1200.(454 4/19 Gardner-UK)  
 6298.4 1120 Atlanta Radio Intl: EE-pop mx, address.(fair 4/18 Kornek-FRG)  
 7325 0220 BBC: EE-OM w/talk on couples living together.(555 4/15 Lindley)  
 9410 2004 BBC: EE-Nx & talk about Argentine & Britain relations.(454 4/22 Leonard-NE) As we all know their diplomatic relations are at a low ebb... tml.....  
 9510 0835 BBC: EE-Talks on books & movies.(545 5/7 Beener-CA)(Traver-CA)  
 9915 0640 BBC: FF-Nx pgm & EE language lessons.(322 4/24 Manning-TX)  
 11905 0245 BBC: RR-IS, Wld nx, ID from IS.(322 5/5 Sanchez-CA)  
 12040 2220 BBC: EE-ID as BBC serv to Falklands.(111 5/2 Kephart-MI)  
 12095 1218 BBC: EE-Pgm of nx, IDs.(454 4/18 Knight-CO)  
 15075 2210 BBC: EE-Nx on the sinking of the Sheffield.(433 5/6 Valentine CA)(Traver-CA)(Garrett-CA)(Langlois-GA)

We have a good number of reporters but everyone seems to have logged the same stations on the same freqs. There are many multiple loggings.....

UNITED KINGDOM Continued

15260 2317 BBC: EF-Alistair Cookes "Letter From America".(5/10 McCants-AL (Sanderson-AZ))  
 15400 2135 BBC: EE-Personal cmts from Falkland islanders.(434 5/10 Beener-CA)(Messinoe-FA)(Jitte-CA)(Addison-KS)  
 17790 1317 BBC: EE-A talk on drinking on "Network UK".(454 4/10 Krist-VA)  
 17830 1745 BBC: EE-OM & YL w/mx, nx, & skeds.(333 4/9 Lindley-AL)  
 21700 2010 BBC: EE-"The World Today" talk on life in Falklanda.(454 4/14 Thompson-CA)(  
 21710 2050 BBC: EE-Rel service, ID, & talk on poverty.(454 4/18 Knight)  
 25650 1605 BBC: EE-Nx pgm, Talk of strike in Isreal.(555 4/14 Chituck -Italy)

U S S R

7205 2230 R.Kiev: EE-Cmtry on Soviet taxes.(444 4/28 Fraser-MA)  
 9490 0359 R.Moscow: SS-IS, ID, trumpet mx, OM w/talk.(444 4/1 Ulmer-LA  
 9600 0225 RM: EE-YL w/ID as N.Amer radio ser.(444 4/22 Addison-KS) (Ward-NB)  
 9610 0030 RM: EE-NX, mx, talk on cleaning up rivers.(555 4/13 Dugway-MA)(Kephart-MI)(Fraser-MA)  
 9675 0130 RM: EE-Cmts on nuclear movement in Europe.(444 4/8 Langlois)  
 9710 0200 RK: EE-Letters, nx, ID, w/OM & YL.(433 4/27 Davidson-SC)  
 9765 1700 RM: EE-Pgm of nx.(342 4/5 Beaudoin-CT)  
 11735 0200 RK: EE-Nx pgm, cmmt on Kent State killings.(444 5/5 Krist-VA  
 11770 2200 R.Vilnius: EE-Talk on history of Lithunain mx.(544 4/25 Stone-ONT)(Ross-ONT)  
 11785 1202 R.Tashkent: EE-OM w/nx & local mx.(232 4/14 Ray-PA)(Krist-VA  
 11790 0225 RK: EE-Freqs, address, & IS.(423 4/26 Ulmer-LA)(Hotaling-NV)  
 11960 0047 RM: EE-Tourist info, mx pgm, & IS.(343 4/25 Smith-FL)  
 17835 2347 RK: EE-Cmtry & IDs.(343 4/6 Knight-CO)  
 11840 1900 RM: EE-Mx pgm & same old BULL.(555 4/14 Dugway-MA)(Ulmer-LA)  
 12010 0445 RM: EE-Cmtry on the Neutron bomb.(333 4/17 Smith-FL)(Demmitt  
 15100 0250 R.Yerevan: EE-Nx, cmts, & full ID.(333 4/27 Garrett-CA)  
 15110 0415 RM: EE-Cmtry on the Falklands.(333 4/29 Harrington-CO)  
 15180 0235 RM: EE-OM w/IDs, sports talk.(454 4/15 Forbes-TX)  
 15455 1700 RM: EE-Freqs, nx pgm.(454 4/15 Leonard-ME)  
 15460 0440 RM: EE-Talk on US economic positions.(444 4/10 Knight-CO)  
 15455 1741 RM: EE-OM w/cmtry on Reaganoimes.(333 4/5 Kephart-MI)  
 15470 0615 RM: EE-Moscow Mailbag w/answer to my question "Why are Russian armed forces so large?"(433 4/28 Lord-CA)(Knight-CO)  
 15500 0527 RM: EE-Talk on predicting volcanic eruptions.(323 4/13 Knight  
 15520 2000 RM: EE-Wld nx, cmt on 112th anniversary of Lenin's birth.(454 Connell-CA)  
 15540 1723 RM: EE-Political talk regarding the USA.(253 3/20 Harrington)  
 17710 0515 RM: EE-ID & talk on Cosmonauts.(433 4/13 Knight-CO)  
 17775 1750 RM: EE-Talk on the Falklands.(322 4/26 Messinoe-MA)  
 17795 1545 R.Peace & Progress: EE-Cmtry on feeling of Peace.(344 Kephart  
 17805 0521 RM: EE-Talk on space research.(433 4/13 Knight-CO)  
 17830 1530 RM: PP-OM w/talks & mx pgm.(322 4/13 Smith-FL)  
 17870 0240 RY: EE-YL w/lang lessons, mx.(454 4/9 Berri-CA)(Speer-CA)+ 6  
 21525 2353 RM: EE-Talk on Russian mx instruments.(444 5/1 Zolla-CA)  
 21600 1415 RM: IN-Russian lang lessons, mx pgm.(444 4/17 Reames-Japan)  
 21750 1427 RM: EE-ID, Mx pgm "From Moscow w/Music".(433 4/2 Smith-FL)

V A T I C A N S T A T E

6015 0100 VR: EE-Message to those who live in Poland.(444 4/29 Demmitt)  
 9645 0130 VR: EE-Popes message for Lent.(433 4/8 Langlois-GA)  
 11845 0105 VR: EE-Rel pgm on Resurrection of Christ.(444 4/9 Vollrath-MO  
 15120 1609 VR: EE-ID, reading by Sierra Leone preist.(444 4/16 Famularo)

As I stated earlier we have many repetitive loggings. I have a book to give away so we may as well have a little contest. The name of the book is Covert Techniques For Intercepting Communications. To get it all you have to do is be the one to send in the most loggings of Europe with the greatest amount of freqs. Log stations as many times as you wish on as many freqs as you can to qualify. Please write in the number of loggings you have. Everyone will be on the honor system. However I will count them if it is close to determine a winner. This will be for the July issue so be sure to get your loggings in to me by the 12th of June. If only one person enters this contest the book will still be given away. I will mail it 1st class on or about the 15th of June. If you like contests or if you just want the book then by all means enter the contest.

Hope all is well! 73

Ferry

# SWBC DX

## AFRICA

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2137 W. Farwell Ave.  
Chicago, IL 60645



### Radio Television Kaduna



### FEBA Seychelles

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

#### FIVE PAGES THIS MONTH!

Your fine support has paid off handsomely for this column. Look closely and you'll notice that we have five, instead of four, pages this time out. Plenty of news to report as well. Unfortunately, my time has been severely limited during May, so it looks like this one will reach HQ "just under the wire." Such is life, I guess.

#### NEW FREQUENCY FOR RADIO NIGERIA???

Marjorie Witte drops us this short note. "I picked up Radio Nigeria on a new frequency, 5,955 kHz, at 0500 GMT, several times in April with EE/pops and news. Signals were fair." Has anybody else heard this one???

#### IF YOU WERE LISTENING TO BANGUI MARCH 3, 1982, YOU WERE IN FOR A REAL TREAT

At 11:40 p.m. (CAR time), on Wednesday, March 3, 1982, Radio National Centrafricaine listeners were startled by an announcement by the Minister of Information, Brigadier-General Francois Bozize, who excitedly broadcast that a coup was taking place and that the national gendarmerie were supporting it. Ten minutes later, Lt. Colonel Diallo, the commander of the national gendarmerie, was on the air vigorously denying any such thing and protesting the gendarmerie's loyalty to the regime. At ten minutes past midnight, the Head of State, General Andre Kolingba, made his appearance at the radio station, to broadcast his own message. He said there was nothing to worry about, that everyone should stay calm, that soldiers should go back to barracks and that it was all merely a matter of military personalities. Despite this comic opera at Radio Bangui, there actually was a coup, even though it was easily crushed. There was no mention of whether or not this broadcast was heard on the 5,035 kHz channel, but I'd be interested to hear from any SPEEDX members who may have heard this. (via Africa Now Magazine, May, 1982.) \*\*A good reason for me to brush up on my French.

#### SOME OBSERVATIONS ABOUT THE "MYSTERY STN." ON 4950 kHz

Nathan Murff of New Mexico reports the following: "About that station on 4,950 kHz at 0340 GMT. I listened to that station for 73 days in a row and was never sure of it. Some days they played Afro music, and other days Portuguese music. Then, for one week, they played exclusively Neil Diamond music. They always had an announcement at 0400 in what might have been Portuguese but I never could make out what was said. Then at 0405, there was a fanfare which was followed by an OM with frequent mentions of Angola, and "Angolanostra." It was followed by a program of EZ listening music. The s/off was around 0430 (variable). On the 74th night, the station started IDing as Radio Mocambique, frequently also giving time as G.M.T. +3 hours. I always saw this listed as La Voz Verdad in various publications (including a "tentative logging by a certain SPEEDX editor. HI), but I sure had my doubts." Thanks for your help, Nathan. That's a heck of a dedicated monitoring job you did. You have far more patience than me!

#### FOR INFORMATION ON THE FALKLANDS CRISIS, TUNE THE SLBS

According to West Africa magazine, British boats en route to the Falklands have been refueling in Freetown, Sierra Leone. Listen to the SLBS on 5,980 kHz around 0600 GMT to find out which boats have docked. According to the magazine, British Prime Minister Margaret Thatcher sent a message of thanks to President Siaka Stevens, saying,

#### SPEEDX AFRO HOT SHEET

0300	4965	RSWA/Namibia
0330	7110t	VoRE/Ethiopia
0400	4800	Radio Lesotho
	4845	Radio Botswana
	4855	R. Mozambique
	4911	R. Zambia
	4925	R. Mozambique
0415	6090	FRCN/Kaduna
	7295	TWR/Swaziland
	9535	R. Nac. Angola
0500	11955	R. Nac. Angola
0530	4815	RTVV/Upper Volta
	15296	R. Mozambique
0600	5980	Sierra Leone BC
0630	7145t	R. Kwara/Nigeria
0700	7110	Radio Mali
1400	6090	FRCN/Kaduna
1620	9535	R. Nac. Angola
1700	11820	FEBA/Seychelles
1900	15290	Radio Uganda
2045	4976	Radio Uganda
2230	4001	R. Bafoussam
	4838	RTVC/Pt. Noire
	5035	RWC/C.A.R.
	7215	RIVI/Ivory Coast
2300	4910v	V. Revol./Guinea

"I should like to express my very sincere gratitude to you for all the help you are providing the British Government during these difficult times." So far, at least two British container ships, one carrying military aircraft, reached Sierra Leone on May 2 to refuel. (West Africa magazine, May 10, 1982)

THANKS TO THE FOLLOWING. . .

Kind words about the column have been received by James Surprenant, John Demmitt and Chris Lobdell. Thank you. Your kind comments certainly are appreciated.

\*\*\*\*\*

ANGOLA

9535 0405 Radio Nacional de Angola; PP, mx, ID, tx by YL, mx, tx by OM, 333, 4/10 (Manning, TX) 1620, Vern/EE, mx w/alternating tx by OM & YL, into SWAPO EE px at 1630, 4/20 (Speer, CA) 2250-2326, PP, sports event (soccer?), ID at 2304 as "Radio Nacional," running late???333, 5/2 (D'Angelo, PA)  
11955 0500 RN; PP, presumed nx w/OM IDs as "Radio Nacional de Angola," 4/19 (Sharp, FL)  
ASCENSION ISLAND

7105 0507 BBC; EE, nx of Afro world, mainly on Falklands, 5/1 (Garrett, CA)  
15260 0115 BBC; EE, "Outlook," 4/8 (Manning, 0200 (Wimmers, FL) 2200, TX)/EE, world nx (Schlesinger, TX)\*\* Marc mentions that lead story was about British retaking South Georgia, 4/26\*\*  
15400 2133 BBC; EE, nx and features on the Falkland Islands, relaying personal messages to Falklanders from the U.K., 4/20 (Sanchez, CA)  
17880 1630 BBC; nx and features about Falklands, 5/2 (Hahn, CA)  
21470 1629 BBC; more Falklands... (Oakley, CA)  
21660 1235 BBC; mx px (Levy, MS)

BBC holiday competition

Three holidays in Britain, each for two people with all expenses paid, are being offered in a worldwide art competition organised by the BBC External Services to mark its 50th Anniversary Jubilee this year. The first BBC broadcast was made to the world from London in December, 1932.  
Listeners to the BBC Hausa Service are invited to enter the competition and can hear the subject of the competition and full details of how to enter by tuning in to the Hausa Service programmes.  
Entries must reach London by August 31, 1982.  
The BBC Hausa Service is broadcast at the following times and wave-lengths: 0545-0600 (GMT) (0645-0700 Nigerian time) on 9.915, 9.60 and 7.105 MHz in the 31- and 41-metre bands; 1345-1415 (GMT) (1445-1515 Nigerian time) on 21.64, 17.81 and 15.105 MHz in the 13-, 16- and 19-metre bands; 1915-1945 (GMT) (2015-2045 Nigerian time) on 15.105 and 9.58 MHz in the 19- and 31-metre bands.

(Via May 10 West Africa)

FLASH!FLASH!FLASH!FLASH!FLASH!FLASH!FLASH!FLASH!  
This article appeared in the May 20, 1982 Chicago Tribune. In the reference to "Argentine Annie," notice that it incorrectly states that the station is no longer broadcasting. I heard them in Chicago on May 20th at 0000 GMT on 17,740 kHz with usual propaganda. It definitely has passed Radio Jamahiriyah as my favorite station... I wonder what the British version of "Argentine Annie" is going to sound like?

BENIN

4870 2251 LV de la Revolution; FF/Vern, xylophone and drum solos, local chants, ID at 2251 (Sharp, FL)

BOTSWANA

4845 0345 R. Botswana; Setswana/EE, cowbell IS to 0357, NA, YL ID, OM prayer w/mx bridge, pop mx to 0500, then nx in EE, 545 at s/on (Sharp, FL 4/19), 4/12 (Thompson, CA)5/2, (F. Johnson, IL)

CAMEROON

4001 2238 R. Bafoussam; FF or Vern, tribal mx, some pop and disco, 323, 4/18 (Sharp, FL & Kornek, FRG)  
4850 0500 R. Yaounde; FF/EE, OM tx, ID, nx in EE, ID in FF & EE (Manning, TX, F. Johnson, IL, Sharp, FL)

British radio set for Argentines

Chicago Tribune Press Service

LONDON—The Defense Ministry planned Wednesday night to start broadcasting radio programs to Argentine troops on the Falkland Islands.

A government-run station, Radio Atlantico del Sur, has been set up on Ascension Island, 3,500 miles from the Falklands, to carry Spanish language news broadcasts and popular music.

"It is intended that by this means the Argentine garrison will become accurately informed of events in the South Atlantic and of world opinion of

the present crisis, giving them a better understanding than is currently available through wildly inaccurate Argentine reports," a spokesman said.

He said news reporting would be strictly factual and there would be no propaganda broadcasts.

In early April, Argentine radio began using a sultry-voiced woman calling herself "Liberty" to broadcast propaganda messages to the British task force. But officials said these broadcasts were stopped some time ago.

CAMEROON (continued)

5010 0500 R. Garoua; EE, male announce, nx, ID (Sarkisian, MI) 0537 (Sharp, FL) 0436-0440 (Wilczek, IL, Ross, ON)

CANARY ISLANDS

11815 2320 RNE/Tenerife; SS, world nx, NA, mx, ID, 444, 5/1 (Van Horn, TX) \*\*How are 15365 0250 RNE (or is it REE??); OM/YL in SS, interesting mx things in the RCMA?? px at 0313, 544, 4/12 (Hesch, NY +3)

CENTRAL AFRICAN REPUBLIC

5035 2159 LV de la CAR; FF/Vern, Brief mx interludes w/FF OM ID and TX by FF OM in between them...4/18 (Sharp, FL)

CONGO

4838 2258 RTVC/Pointe Noire; FF; pgm of Afro mx, clear OM FF ID w/mention of Congo and "Pointe Noire," first time in a long time, 4/18, 332 (Sharp, FL) \*\*It is one of the more difficult Africans to hear. mln.



ATTENTION CHICAGO AREA DXERS...

On Saturday, June 12, 1982, at 5:00 p.m., you are invited to attend the first annual CADX "Boys and Girls Night Out." A sit-down dinner will be held at world-famous Fanny's Restaurant in Evanston, Illinois. The festivities include a special film on how a group of scanner radio listeners assisted police in apprehending a criminal, a meal of fried chicken, spaghetti (all you can eat), garlic bread, salad, and following the meal, all the beer you can drink at my QTH, a demonstration of a Kantronics RTTY reader by SPEEDX and CADX member Paul Kowalski, and more. The meal will cost you an even \$10 (and that includes the beer later on), but there is a separate charge for alcohol during the meal at the restaurant (but booze is reasonable there). This promises to be a super night out. Everybody (including non-Chicago DXers; we can provide accommodations, if necessary) is invited. Please RSVP BY TELEPHONE ASAP. WE WILL NEED YOUR MONEY AS SOON AS POSSIBLE, TOO. \$10.00 complete. Call MIKE NIKOLICH AT (312) 761-0470. Be there or be square. Don't miss it!

\*\*\*\*\*

EGYPT

9475 0226 Radio Cairo; EE, px of how Egypt is qualified to bring opposing parties in Israeli border dispute together, 4/12 (Hesch, NY +8)  
9805 2130 RC; YL nx in EE, 443 (Delk, PA) 2055, FF (Beaudoin, CT)  
11665 0459 RC; AA, mx by females, ID by OM, TX, bells (Ulmer, LA)  
12000 0231 RC; EE, tx about the Sinai, tourism, 4/28 (Beerman, OH)

EQUATORIAL GUINEA

6250t 0535 R. Malabo; SS, OM, LA type mx, IDs, 222 (Manning, TX)

ETHIOPIA

7110t 0334 VoRE; Amheric?? nx read by OM to local mx at 0338, nx tx px at 0343, lots of QRM from 7105, 222, 4/17 (Schlesinger, TX)

\*\*Here is a partial listing of VoRE px's that can be heard in North America:

0330-0345 Opening announcement, news and program review  
0400-0410 News (not Sunday) 0400-0500 Program in Oromigna (Sunday)  
0420-0435 "Armed Forces" program (Th.) 0500-0510 Opening anmt, news and px review(Sn)  
0500-0600 Programs in Oromigna (Not on Sunday)  
1215-1240 "From the Police Files" (Saturday) \*\*Sounds great. mln.  
1500-1600 Programs in Tigrigna 1515 Press review 1530-1540 News  
FREQUENCIES USED: 7110 and 5990 kHz (shortwave) 873 (mediumwave)  
1500-1600 English to East Africa (1500-1504 Program review 1515-1516 News headlines 1516-1522 Press Review and 1530-1540 News) on 9560 and 7165 kHz.  
1900-1930 English to Southern Africa on 9595, "Voice of Namibia" program presented by SWAPO.  
1930-2000 English to Southern Africa on 9595, "Radio Freedom" presented by the African National Congress (ANC) (via the BBC Monitoring Service)

GABON

4777 0510 LVdRenovation; FF, OM, ID, partial ID, 4/22 (Eichenhorn, MI)  
4811 0515 AN#1; AFRO mx, almost identical to px on 4777 kHz, 4/22 (Eichenhorn, MI)  
2037, FF, drum solos and mx, frequent OM IDs, occasional jingle, 4/18  
11755 0500 ANO; FF, singing ID, mx, 4/25 (ULmer, LA) 1950, FF, soul mx (Sharp, FL)///  
By the Sugar Hill Gang, ID (ULmer, LA, Ross, ON) 2125, //4811, AA mx, 554, (Fraser, MA)

GHANA

4915 0517 GBC; Vern, OM, drums w/Afro beat, 5/5 (Traver, CA) 2049, EE/Vern, Afro mx and hymns, OM tx, EE OM ID at 2100, best Afro day in months, 4/18 (Sharp, FL)

GUINEA

4910 0607 R. Conakry; FF OM tx, nice Afro vocals, calypso-type mx, fair 4/22 (Sharp, FL) 2341, FF tx by OM, mention of Conakry, ID 4/18 (Lobdell, NJ) 2327, FF ID and nx, 4/23 (Parks, FL)  
15308.5 2150 RC; FF, group singing, anmts 2154, //4909v, poor 4/24, (Kornek, FRG)

IVORY COAST

4940 2225 RTVI; FF, tx by OMs w/brief jungle mx interruptions, ID at 2258, 2357, NA, s7off (Snyder, NY)  
7215 2215 RTVI; FF, YL cmty, OM ID, into px of local mx, QRM de TRT 4/18 (Sharp, FL)  
LESOTHO  
4800 0400 R. Lesotho; Belg px to 0445, closed with "A Mighty Fortress is Our God" at 0445, 0500, ID in EE, then BBC nx, 343, 4/10 (Connell, CA, Sharp, FL)

LIBERIA

4765 0620 ELWA; EE, "Appointment with the doctor" mosquito bites and malaria, nx, morning bible readings & mx requests, 444, 4/22 (Kobyski, MD) 2227, EE/Vern sermon, prayer (Sharp, FL)  
6035 0325 VoA/Monrovia; 545, 5/2, nx about Kenya in EE (Van Horn, TX)  
6130 0022 VoA; EE, Caribbean Report, 4/29 (Demmitt, PA) \*\*Rpt was on U.S. sugar con-  
7280 0610 VoA; EE, "Unrest in Sierra Leone" (Garrett, CA) sumpcion projections...  
11810\*2015 ELWA; AA, ID, desert mx (Snyder, NY) 11930 @0624, AA/EE/FF IDs (Thompson, CA)

LIBYA

Summer time was introduced in Libya on April 1. Note that R. Jamahiriya is now  
 bcsting one hour earlier its EE px...

11815 2255 SPLAJBC; nx and mx, s/off, this looks like a move from 2300 EE s/on. Now  
 it's 2200 s/on, readings from Green Book, IDs, inst mx (Annis, IN, D'Angelo,  
 PA, Surprenant, MA, Delk, PA, and Hill, SC)  
 17930 2000 SPLAJBC; Voice of the Arab Homeland, AA, OM, cont. tx, 4/10 (Traver, CA)

MADAGASCAR

15220 2042 RN Relay; EE nx, "Media Network," (Manning, TX)  
 15670 0349 RN; DD, tx by OM, sports scores (Ulmer, IA) 1702, AA (Thompson, CA)  
 21480 1445 RN; EE "Media Network," tx about Underground bcsting in Afgh.(Ulmer, IA,  
 J.L. Jamieson, CA)

MALI

5995 2220 R. Mali; FF mx, OM tx (Delk, PA) 2310, ID, mx, FF OM tune (Sharp, FL)  
 7110 0700 R. Mali; FF, NA type mx, opening anmts by OM, lots more of NA to 0715, pos-  
 sible nx, QRM from AROs, xmtr died at 0717, 4/18, 423 (Schlesinger, TX)

MAURITANIA

4845 2340 Rndu Mauritanie; AA, continuous AA mx, OM tx, 4/18 (Sharp, FL)

MOZAMBIQUE

4855 0400 R. Mocambique; PP/EE, ID, then nx by OM, another ID, into mx, poor, 4/16  
 4925t 0515 RM; PP, nx and mx, no ID hrd, 5/2 (Cook, CA) (Sharp, FL)///  
 15295 0530 RM; PP, OM tx and YL, 0530-0600, incl. pop mx, gongs (4) and ID @ 0600,  
 323, 5/2 (Bob Raymond, MA) 0515, mx, OM, IDs, 4/10 (Sarkisian, MI)

NAMIBIA

4965 0300 SWABC/RSWA; Afrikaans/EE, OM ID, then mx show, no add'l IDs noted (Sharp, FL)

NIGER

5020 0530 ORTN; FF, mx, ID, YL/OM, 4/13 (Sarkisian, MI)\*\*More details, please...

NIGERIA

4770 2300 FRC/Kaduna; EE, "This nx is best from RN" EZL mx, 4/11 (K.Krist, VA)  
 0455, "Ring My Bell" by Anita Ward, other pops, 5/2 (Bob Raymond, MA) +13  
 6025 2245 RN/Enugu; EE, choral singing, OM, TC & ID @ 2300, nx, 4/14 (Parks, FL)  
 6090t 0415 FRC/Kaduna; Vern, native vocal singing, presumed this one, fair 4/6 (Kornek,  
 1444, rock mx, OM, Vern tx, ment. Nigeria, EE/Hausa 4/30 (Thompson, CA) FRG)  
 6195 2245 FRC/Sokoto; Vern, nx by OM, ID's, native mx, chants, BBC off air (lucky you)  
 7145t 0627 R. Kwara; EE, spoken px to local mx at 0640, lots 4/15 (Parks, FL)///  
 of ARO QRM, 4/18 (Schlesinger, TX)  
 7255 \*0501 VoN; EE, OM w/Easter px, many Nigerian hymns, 322, 4/11 (Pfeffer, NY, Hesch,  
 15120 0520 VoN; "Nigerian Scene" in EE, ID, nx, cmty, 333, 4/11 (Manning, TX) NY)///  
 0558, EE ID, drums, 0600, FF, 5/6 (Gucinski, WA, Johnson, IL, Traver, CA)  
 1133, EE, OM w/nx, ID, 222, 4/18 (Ray, PA) 1420, EE (Latko, OH) 1638, EE,  
 4/17 (J.L. Jamieson, CA) 2200\* EE, "N. Afro. Svc" (D'Angelo, PA)

RWANDA

17895 2245 Dw/Kigali; GG tx about Reagan (Snyder, NY)

SEYCHELLES

11820 1700 FEBA; Somali, IS to 1703, acapella choir, vocals, OM tx between songs ///  
 15200 0400 FEBA; EE world nx, tx on Falklands by OM, tx on health, 333, (Thompson, CA)  
 4/13 (Sharp, FL)  
 15325 1545 FEBA; EE, relig px, "Back to the Bible" ID by OM IS (Carlson, WA)  
 15385 0416 FEBA; no lang ID, IS heard, "What a Friend We Have in Jesus," YL anmt,  
 "... FEBA, Seychelles. ..." (Annis, IN) \*\*Lang listed is AA...

SIERRA LEONE

5980 0630 Sierra Leone BC; EE, YL, TC, ID, 4/4 (Sarkisian, MI)

SOMALI REPUBLIC

On the morning of 4/8, the Radio Mogadishu domestic svc announced that it would be  
 testing a new 100 kW xmtr in the 49, 25, and 19 meter bands. A later announcement  
 gave the frequencies as 15215, 11960 or 6790 kHz. The use of 6790 kHz has been  
 confirmed by observations between 4/8-12. (BBC Monitoring Service)

6790 0335 R. Mogadishu; AA, ID, OM, mx, anmts, 4/24 (Sarkisian, MI) \*\*Well done.  
 How did you know about this station on this freq? A DX program??min.

SWAZILAND

3200 0312 TWR/Manzini; chime IS, OM ID as "TWR Swaziland" into relig 323, 4/16(Sharp, FL)  
 4760 0357 TWR; Shona, IS, OM ID, brief piano intro into relig. 454, 4/17(Sharp, FL)  
 0425, YL anncr (M. Witte, CA)  
 7295 0400 TWR; EE, OM w/ID, YL?tx into sermon, 322, 4/18 (Sharp, FL)  
 11740 1648 TWR; EE, brief EE ID by YL, into sermon, deep fades, 4/18 (Sharp, FL)  
 11760 0437 TWR; EE, IS, OM ID at 0440, addr, 4/18, 533 (Sharp, FL)

TOGO

5047 0531 R. Togo; OM tx into NA at 0533, more tx at 0534 and native pops at 0537,  
 232, 4/24 (Schlesinger, TX, Sharp, FL 4/21)

TUNISIA

7225 0434 RVTI; AA, Koran verses, ARO/DW QRM (Ross, ONT, Schlesinger, TX)

UPPER VOLTA

4815 \*0528 R.T.V.Voltaique; FF, drum IS, quick anmt by OM, NA, into OM tx, bits of Afro tribal mx, 322, 4/28 (Wilczek, IL) \*\*Welcome to SWBC Africa...mln. 0539, 4/12 (Sharp, FL) 2217, 4/11 (Kornek, FRG)

UGANDA

4976 2045 R. Uganda; native songs with group, tx, sort of station tuning signal at 2059, 2100, ID in EE, "This is Radio Uganda," into word px in lang (EE??) heavy ute QRM, vy poor, 4/14 (Kornek, FRG)
11325 0320 RU; EE nx, ID, "That was the rx from RU bcsting from Kampala," mx, //15325, 4/14 (Harrell, IL) \*\*Is this frequency right? Sure not an image w/rx??? Haven't seen it listed. Worth checking...mln.
15290 1900 R. Uganda; EE, Afro mx, positive YL ID, poor mod, but readable. Xmtn to Europe??? NA svc not on this time, 4/11 (Sharp, FL)
15325 0323 RU; EE, non-stop mx, moldy "oldies" some local mx, too (Greenbauer, AZ, Sanchez, CA, Hesch, NY, Delk, PA +3)

ZAIRE

15245 2000 La Voix du Zaire; FF/AA/Vern, hilife mx, OM YL anmts, VoA QRM, 4/30, 323 (M. Witte, CA) 2104, FF/Vern, mostly Afro mx, some rock, OM tx, 242, 4/10 (Thompson, CA)

ZAMBIA

4911 0355 ZBS; Vern, Fish Eagle IS, NA, brief tribal mx, OM ID at 0400, 4/12 (Sharp, FL), 0425, ID, Afro drums, OM tx, 4/11 (Sarkisian, MI)

ZIMBABWE

3395 0400 ZBC; EE, OM ID, TC as "6 o'clock" world nx by YL to 0410, 323, 4/21 (Sharp, FL)
\*\*\*\*\*
Well, what do you know. For this first time since I took over this column in October, we actually have some space to play with. In honor of that, we present a month's worth of those coveted South African loggings! Enjoy...

SOUTH AFRICA

3250 0520 Radio 5; EE, YL/OM announcing songs, mx had an Afro flavor to it, cigarette ads, first time hrd since February 222, 5/2 (Fred Johnson, IL)
3965 0445 SABC; Afrikkaans, mx, nx, 322, 4/28 (Speer, CA)
4835 0449 SABC; EE, OM nx about Falkland Islands crisis, mx, wx, ID 4/21 (Jamieson, CA)
4880 0348 SABC; Afrikkaans, bird/tone IS to 0349, NA, Afrikkaans, ID, cock crow, OM tx, 545, 4/17 (Sharp, FL)
4990 0400 R. RSA; EE, OM nx, "Comment and opinion", mx, review of South African history on this date, 0425\*, program name, "Good Morning Africa," 333 5/2 (Greenbauer, AZ)
5980 0205 RSA; EE, OM, ID at 0207, world nx, ID, "Mailbag" 4/19 (Forbes, TX)
9580 0210 RSA; EE, world nx, Afro nx, panorama, 455 (an impossible SIO...mln) 4/12 (Addison, KS) 0200, EE, s/on, world nx, talk about Zambia, 555, 4/30 (Harrington, CO)
9585 0200 RSA; EE nx, commentary S.African Panorama, 444, 4/30 (Grishin, ONT)
11900 2100 RSA; EE, OM nx, "British Attack to recover South Georgia Islands," 444, 4/25 (R.J. Coleman, MA) 0200, OM/ID world nx, 4/20 (Addison, KS) 0240, Talk w/Dennis Gordon on the preparation of programs, also talk on career with M. Wall, 434, 4/15 (Norman Grosvenor, CA)
17775 2100 RSA; EE, "Saturday Nite" Beatlemania, Autumn touring, DX Corner, 353, 4/17 (Fraser, MA) 2142, "One Solidary Life," feature in EE on classical relig. poetry, 4/9 (Manning, TX)
17780 0635 RSA; EE, "Good Morning Africa", tx and pop mx, really worth listening to, 4/14 (Kobylski, MD) 2116 South African nx, report on "cash and carry" report on the 2nd anniversary of S. Africa's first chain store, 4/30 (Surprenant, MA)
25790 1510 RSA; EE, good afternoon Africa, mx, tx of Mobil Oil Corp sponsoring a soccer team, DX px, station ID and IS, 555, 4/17 (Chituck, Italy)
25790 1500 RSA; EE, "This is R. RSA" nx, comment and opinion from the S. African press, "Music in the Sun" program, 454, 4/11 (K. Krist, VA)

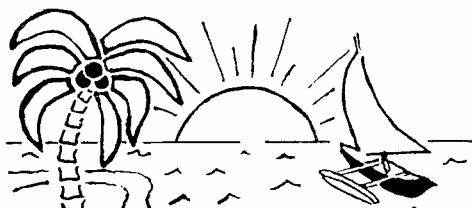
#####

Now that I've finally got some room to stretch out, I'd like to again take the time to invite anybody who is interested out to the first annual "CADX Banquet" mentioned elsewhere in this column. So far, I've been very encouraged the tremendous support for this column. I enjoy doing it. Most significant DX here in my shack is Argentine Annie on 17740 kHz. I hope Chris devotes some of his column to it because it is one of the more significant shortwave developments for 1982. If you haven't listened to Annie yet, by all means do. Chris, here are some additional credits for the list--(late arrivals) F. Johnson, IL, Bruce Chituck, NY, Tony Kobylski, MO, Richard Speer, CA, and R. Harrell, Illinois. 4 pages next month. CUN30.

# ASIA-OCEANIA

EDITOR:  
TOM SCOTT  
1200 Cornwell  
Yukon, OK 73099

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



## ASIA

### Democratic Republic of AFGHANISTAN

15077 1900 R. Afghanistan: EE; OM Tx // 9665 (222 4/28 Delk=PA)

### People's Republic of BANGLADESH

11766.7 1823 R. Bangladesh: EE; OM Nx, ID (Pr 4/5 Korner-FRG)

### Socialist Republic of the Union of BURMA

5040 0900 Burma Broadcasting Sce: ? Lang; Nx (444 4/6 Delk-PA)  
7570 0410 Clandestine-Voice of the People of Burma: Jangpaw;  
OM, Tx, Mx, Jammed? (411 4/27 Delk-PA)

### People's Republic of CHINA

5240 1050 Fujian Front Station-Px1: Amoy; OM, Tx, Mx Pips,  
YL ID // 6765 (333 5/2 Hotaling-NV)  
5770 1040 FFS-PX 2: Amoy; YL, Mx // 5170 (222 5/2 Hotaling-NV)  
6665 0936 ? R. Peking: CC/EE; OM, YL EE Lang Lesson, Mx (332  
4/20 Lucas-CA) (Hotaling-NV)  
6765 1140 FFS-Px 1: Amoy; YL, Nx, OM/YL Tx // 7850 (333 4/14  
Hotaling-NV)  
9550 1630 RP: AA; IS, ID, Nx // 11515 (333 5/6 Berri-CA)  
11600 1730 RP: EE; Px on archeological studies of the Great  
Wall, Listener's Letterbox (Fr 4/4 Connell-CA)  
15520 1200 RP: EE; Nx, Cmty (343 5/2 Zilmer-NM)  
17650 0135 RP: SS; Latin Musical Ballads, 0156\* (242 5/5  
Sanchez-CA)  
17680 0010 RP: EE; OM Nx, Cmty on Trade Unions, Mx, Tx on  
improving Standards of Living (343 5/2 Greenbauer-AZ)  
(Manning-TX) (Hesch-NY) (Zolla-CA) (Ulmer-LA) (Delk-  
PA)  
17740 0350 RP: CC; Mx, YL, TC, ID (322 4/20 Smith-FL)  
17855 0005 RP: EE; Nx on "Falkland Is, CC/Romanian Mtg, YL ID  
(333 4/29 DeRing-NJ) (Jamieson-CA) (Forbes-TX)  
(Ulmer-LA) (Wimmers-FL)

### Republic of CHINA (Taiwan)

7105 1220 Central Broadcasting System: CC; OM/YL, Play?,  
Mx // 6180 (222 4/25 Hotaling-NV)  
9585 0305 Voice of Free China: EE; OM Tx on communism, ID,  
addresses, Mx, YL, ID (444 4/10 Forbes-TX)  
15345 1535 VOFC: CC; Mx, Plays // 11825 (222 5/3 Sanchez-CA)  
17800 2215 VOFC: EE; Nx, Cmty, CC Lesson (333 4/22 Sanderson-  
AZ) (Connell-CA)

### Republic of INDIA

9912 2145 All India Radio: EE; Indian Mx, OM // 11620 (353 4/1  
Fraser-MA)  
11620 2115 AIR: EE; "Quiz Time" (343 4/24 Latko-OH) (Hill-SC)  
(Schlesinger-TX) (Wormwood-NY)

Republic of INDONESIA

3204 1013 RRI Bandung: Indo; OM Nx (242 4/30 Thompson-CA)  
 4856 1315 RRI Palembang: Bah/Indo; OM, Tx on Indonesia, Ezl  
 Mx, (222 4/18 Hotaling-NV)  
 5886 1358 RRI Pekanbaru: Bah/Indo; OM, Ezl Mx, Nx (222 4/18  
 Hotaling-NV)  
 11790 1404 Voice of Indonesia: EE; OM, ID, World Nx, Fx Sked  
 (322 4/26 Ward-NE) (Manning-TX) (Hotaling-NV)

Islamic Republic of IRAN

9022 2030\* VOIRI: EE; Tx OM/YL, Mx, ID, Nx (353 4/9 D'Angelo-  
 PA) (Delk-PA) (Pfeffer-NY) (Levya-MS)  
 15084 0530 VOIRI: SS; OM Tx, ID (322 4/14 Carlson-WA)  
 15084 1953 VOIRI/Relay of Home Sce: Farsi; OM Passionate,  
 pleading, appealing, speaker, Mx (333 5/2 Traver  
 Smith-CA) (Ross-ONT)

Republic of Iraq

9745 2204 R. Baghdad: EE; AA Mx, OM, Cmty, OM Mx (111 4/23  
 Kephart-MI)  
 21585 0340 RB: EE; YL, Mx, Chanting, ID (433 4/9 Grosvenor-  
 CA) (Jamieson-CA)

State of ISRAEL

9009 2020 Kol Yisrael: EE; DX Px, Nx, Time, Fx sked 2030\* of  
 EE Px (Fr 4/11 Parks-FL)  
 9815 0200 KY: EE; Celebration of 34 years of independence, Mx,  
 (443 4/27 Byron-NY)  
 11640 \*0000 KY: EE; OM Fx, Nx OM/YL "Calling all Listeners",  
 DX Corner, address 0030\* (455 5/3 Marin-FL) (Speer-  
 CA) (Addison-KS) (Kephart-MI) (Hesch-NY) (Stone-ONT)  
 (Coleman-MA)  
 15105 0507 KY: EE/FF; OM Nx, ID, YL, Mx (433 4/8 Jamieson-CA)  
 15585 0216 KY: EE; Mx (444 4/27 Beeman-OH) (Manning-TX) (Fraser-  
 MA) (Jamieson-CA) (Vollrath-MO) (Sanderson-AZ)  
 (Grosvenor-CA) (Annis-IN) (Forbes-TX)  
 17585 2000 Reshet Bet: Hebrew; Px // 15615 (343 5/2 Zilmer-NM)  
 17632 0105 KY: EE; YL ID, YL Px on Israeli pull pace from Sinai-  
 USEB (344 4/27 Addison-KS)  
 21495 2000 KY: EE; Nx, Dx Corner // 17630, 15585, 17815 (242  
 5/2 Zilmer-NM)  
 21710 2240 KY: EE; Sunday Scene, Nx Summary, Sked 2300\* (444  
 4/25 Messineo-MA)

JAPAN

3910 1031 Far East Network: EE; Jack Benny Px from San Diego  
 Navel Air Station (433 4/19 Thompson-CA) (Sable-CA)  
 3925 1245 JOZ/Nihon Shortwave Broadcasting Co. Ltd: JJ; Mx,  
 OM (444 4/18 Hotaling-NV)  
 9505 0906 R. Japan: EE; OM Nx, Cmty (433 4/20 Lucas-CA)  
 9675 0520 RJ: EE; Nx, OM, Tx (433 4/5 Delk-PA)  
 11815 1325 RJ: EE; World Nx, ID, Mx (444 4/30 Van Horn-TX)  
 (Ward-NE)  
 11875 1210 RJ: EE; Nx, Cmty, ID, Tx (333 4/21 Miller-CA)  
 15325 \*1900 RJ: EE; Nx, Px "Weekend Focus" (454 4/17 Connell-  
 CA) (Vollrath-MO) (Fortmann-IL)  
 17755 2215 RJ: EE; Nx (232 5/2 Harrington-CO) Ulmer-LA) (Zolla-  
 CA)  
 17825 \*2345 RJ: EE; ID, Fx (121 4/19 Kephart-MI)  
 21610 2345 RJ: EE; Nx, Current Affairs (242 5/5 Zilmer-NM)  
 (MdKibbin-CO) Ulmer-LA) (Addison-KS)

Democratic People's Republic of KOREA

9745 1100 R. Pyongyang: EE; Tx by YL/OM N. Korean History,  
 Mx, Nx (544 4/15 Miller-CA) (Ray-PA)  
 9977 1145 R. P: EE; Tx (454 5/1 Grishin-ONT)  
 11830 0900 RP: EE; Nx, Propaganda Tx, Mx (454 4/26 Connell-  
 CA)  
 15245 0815 RP: EE; YL Tx, Mx (454 5/2 Tacoma-CA)  
 15250 0807 RP: EE; OM/YL, Nx, Tx (434 4/9 Garrett-CA)

Republic of KOREA

6135 1300 R. Korea; EE; Nx, OM/YL Mx (434 4/21 Miller-CA)  
 6165 0857 RK: CC; OM/YL Tx, ID, Jamming (332 4/16 Lucas-CA)  
 9570 1040 RK: EE; Mx, Mailbag Px, YL/OM, Anthem, ID (343 5/2  
 Ray-PA) (Ross-ONT) (Miller-CA)  
 9720 1349 RK: EE; Px on travel, Nx (333 4/20 Van Horn-TX)  
 9870 0535 RK: EE; Px (211 4/2 Delk-PA)  
 11725 0938 RK: SS; SS Px. OM/YL Tx (222 4/21 Ross-ONT)  
 11830 1635 RK: EE; Nx, YL Px (544 5/9 Valentine-CA) (Speer-  
 CA) (Forbes-TX)  
 15575 2140 RK: EE; OM Nx, ID (222 4/13 Sanchez-CA)

State of KUWAIT

9840 2120 R. Kuwait: AA; Mx, OM (433 4/18 Stone-ONT)  
 11675 1930 RK: EE; OM Tx, Mx, YL (444 4/28 Delk-PA) (Kephart-  
 MI)  
 15495 0430 RK: AA; OM Chants (444 4/27 Delk-PA)  
 21685 1705 RK: AA; Nx (444 4/4 Beaudoin-CT)

LAO People's Democratic Republic

7145 0600 National Radio of Laos: EE; Nx, ID (4/4 Sarkisian-MI)

Republic of LEBANON

11775 0237 R. Lebanon: EE; Nx of Britain/Argentine 'situation',  
 ID, Interviews (555 4/10 Chituck-ITALY)

MALAYSIASarawak

4895 1140 Radio Television Malaysia-Sarawak/Kuching-? Network:  
 IBAN; YL Tx, OM Tx (322 4/12 Hotaling-NV)  
 4950 1130 RTVMS/Kuching-Red Network: EE; Ezl AA Mx, Pips, ID,  
 Nx, YL/OM (333 4/10 Wilczek-IL) (Hotaling-NV)  
 5030 1350 RTM/Kuching-Blue Network: Bidayu; OM, Pop Mx (322  
 4/18 Hotaling-NV)  
 7130 1529 RTM/Kuching-Blue Network: EE; Mx, YL Ann, ID, Time  
 pips (3+ %/3 Witte-CA)  
 7160 1430 RTM/Kuching-? Network: EE/?; Nx in EE by YL, Pop  
 Mx (333 4/16 Carlson-WA)

MONGOLIAN People's Republic

12070 1150 R. Ulan Bator: Mongol/EE; YL Tx, IS, ID, YL Nx (443  
 4/18 Delk-PA) (Snyder-NY) (Carlson-WA) (Krist-VA)  
 (Levy-MS) (Hesch-NY) (Connell-CA) (Lord-CA)

Sultanate of OMAN

9605 1415 BBC/Relay: Bengali: OM, Mx, ID (222 4/18 Hotaling-NV)  
 11890 1820 R. Oman: AA; OM, Tx, Mx (343 4/28 John?-?)

Islamic Republic of PAKISTAN

11670 1716 R. Pakistan: EE; Px Nx, Cmty YL (very weak 4/17  
 Lobdell-NJ)  
 17840 0230 R. Pakistan: EE; Nx (222 4/8 Hill-SC)  
 21802 1108 RP: EE; YL W/ local Nx, each different subject  
 preceded by 'item' and ended w/ 'stop' and  
 repeated twice, ID, Tx (353 4/9 Hesch-NY)

Republic of PHILIPPINES

6120 1250 Far East Broadcasting Corp: CC; Tx YL, Mx, YL/OM  
 (433 4/22 Miller-CA)  
 9575 1100 FEBC: CC; Folk Mx, Tx OM/YL (443 4/19 Miller-CA)  
 9578 0848 DUR 2/ Radyo Pilipinas: EE; YL Tx, Nx, Mx, OM Tx  
 (433 4/12 Miller-CA)  
 9605 1145 R. Veritas Asia: EE; Nx, SPorts (353 4/26 Connell-CA)  
 9715 1235 FEBC: Mandarin; OM/YL, Mx, OM Tx (445 4/15 Miller-CA)  
 11770 1100 RVA: CC; Tx, Mx (332 4/22 Miller-CA)  
 11725 1214 RVA: CC; OM/YL Tx, Mx (232 4/4)  
 11760 0930 RVA: KK; Tx YL, Mx (554 4/22 Miller-CA)  
 11849.7 1604 FEBC: GG; Px, Mx, YL (Poor/Fair 4/26 Kornek-FRG)  
 11955 1439 RVA: EE; Nx, Mx (343 3/18 Ulmer-LA)  
 11960 1439 RVA: EE; YL Px Changes, Mx, DX, World Nx (333 4/26  
 Thompson-CA)

Republic of PHILIPPINES Con't

15450 1245 FEBC; EE; IS, ID, Mx, QSL Info (232 5/2 Zilmer-NM)  
(Connell-CA)  
26000 2215 Voice of America/Relay: EE; OM, Nx, ID (4/17 Sarkisian-  
MI) (Chituck-ITALY)

State of QATAR

15315 1811 Qatar Braodcasting Sce: AA; Pop Mx (311 4/7 Schlesinger-  
TX)  
15505 0530 QBS: AA; Mx, YL (232 4/27 Delk-PA) (Ross-ONT)

Kingdom of SAUDI ARABIA

7235 0530 BSKSA: AA; OM Tx (444 4/4 Delk-PA)  
11855 1840 BSKSA: EE; OM Nx, YL Tx (343 4/28 Delk-PA)  
15060 1945 BSKSA/Riyadh/Jeddah: AA; OM Mx (322 5/2 Traver Smith-  
CA) (Jones-MS) (Delk-PA) (Harrington-CO)

Republic of SINGAPORE

5052 1330 R. Singapore: EE; Px, Mx, ID OM, Nx (353 4/21 Connell-  
CA) (Hotaling-NV)  
6010 1415 BBC Relay: Bengali; OM Mx (333 4/18 Hotaling-NV)  
11750 1200 BBC/Relay: EE; Radio Newsreel (333 5/1 Demmitt-PA)  
(Ray-PA)  
11940 1230 R.S:EE; YL, Mx (343 4/30 Jones-MS) (Thompson-CA)  
(Beaudoin-CT) (Connell-CA)

Democratic Socialist Republic of SRI LANKA

9720 \*1230 Sri Lanka Broadcasting Crop: EE; Fx OM, Mx (353 4/10  
Krist-VA) (Hesch-NY)  
15250 0140 Voice of America/Relay: EE; ID, Px (333 4/15 D'Angelo-  
PA) (Schlesinger-TX) (Sarkisian-MI)  
15425 0035 SLBC: EE; Religious Px, ID, TC, Mx (333 5/2 Raymond-  
MA) (D'Angelo-PA)

UNION OF SOVIET SOCIALISTS REPUBLICRSFSR/SIBERIA

4940 1130 R. Yakutsk: RR; Mx, Vocal/Instrumental Mx, YL (222  
4/12 Wilczek-IL)

KAZAKHSTAN

5960 1120 Alma Ata: ? Lang; Mx, OM/YL Tx (333 5/2 Hotaling-NV)

UZBEKISTAN

15460 1200 R. Tashkent: EE; Nx, Px (333 5/1 Grishin-ONT)

UNITED ARAB EMIRATES

15320 0233 UAE Radio: AA/EE; OM Chants, ID, Om Tx, YL Nx (322  
4/11 Pfeffer-NY) (Hesch-NY) (Beaudoin-CT)  
17710 1610 UAE Radio: OM/YL (333 4/18 Forbes-TX)  
17775 0338 UAE Radio: EE; Nx, Px (555 5/1 Jones-MS) (Lord-CA)  
(Ulmer-IA) (Jamieson-CA) (Forbes-TX)  
21655 1610 UAE Radio: EE; Px on Poetry, World/Local Nx (545  
4/29 Van Horn-TX) (Berri-CA) (Hesch-NY) (Kephart-  
MI)  
21700 1625 UAE Radio: EE; ID, Nx (333 4/4 Beaudoin-CT)

(oops) TURKEY

6340 0518 Turkish Police Radio-t: TT; Mx, OM (4/11 Sarkisian-  
MI) (Delk-PA)  
6899.7 0413 Turkish Met. Sve: TT; YL, Mx (Poor 4/26 Kornek-FRG)  
9560 2230 Voice of Turkey: EE; Mx (443 4/16 Fraser-MA) (Delk-PA)  
11770 0604 VOT: TT?: Mx (322 4/18 Schlesinger-TX)

Socialist Republic of VIETNAM

10040 1117 Voice of Vietnam: ? Lang/RR; YL Tx, UN IS; (321 4/16  
Lucas-CA)  
15010 1923 VOV: EE; OM/YL Tx (333 5/2 Traver Smith-CA) (Ulmer-  
LA) (Wormwood-NY) (Beaudoin-CT)

YEMEN Arab Republic

9780 0315 R. San'a: AA; Mx, ID, OM/YL Tx (433 4/12 Evans-TN)

# OCEANIA

Commonwealth of AUSTRALIA

6045 1110 R. Australia/Lyndhurst: EE; Nx, ID, "Australian Insight" (322 4/9 Ray-PA)  
 6150 1225 VLR 6-Australian Broadcasting Corp/Lyndhurst: EE; Ezi Instrumentals, ID (Poor 4/17 Parks-FL)  
 9580 1100 RA/Shepparton: EE; Nx, "Australian Insight" (544 5/3 Harrell-IL) (Fraser-MA) (Demmitt-PA)  
 9610 1030 VLW 9--ABC/Wanneroo: EE; Sporting highlights (444 4/30 Grishin-ONT) (Levya-MS) (Van Horn-TX)  
 9640 1055 RA/Carnarvon: Indo; "Waltzing Matilda", ID, Pop Mx (222 4/12 Hotaling-NV)  
 9680 0744 VLR 9--ABC/Lyndhurst: EE; Px on proposed satellite com-pac in Australia (333 5/6 Gucinski-WA)  
 9710 1504 RA/C-S: EE; OM Nx (333 5/3 Sanchez-CA) (Hesch-NY)  
 9770 1238 RA/S: EE; Nx, "Australian Insight" (222 4/18 Manning-TX)  
 15115 0700 RA/S: EE; OM Nx (444 4/17 Delk-PA)  
 15160 0500 RA/L: EE; Nx, Business World, Mx (544 4/10 Harrell-IL)  
 15320 0545 RA/S: FF; Feature on Falkland Is situation (333 4/11 Manning-TX)  
 15425 0742 VLW 15--ABC/Wanneroo: EE; Horse racing and Sport's show, Mx (323 5/1 Garrett-CA)  
 17795 0347 RA/S: EE; Mx, ID, OM (444 4/26 Ward-NE) (Ulmer-LA) (Delk-PA)  
 17870 0455 RA/C: EE; Mx, ID, Nx (141 4/6 Snyder-NY)  
 21680 0009 RA/S: EE; Mx, OM (222 5/1 Zolla-CA) (Forbes-TX) (Sarkisian-MI)  
 21740 0235 RA/S: EE; ID, Mx (232 5/2 McKibbin-CO) (Ulmer-LA) (Smith-FL) (Zolla-CA) (Grishin-ONT) (Vollrath-MO) (Van Horn-TX) (Famularo-CA) (Lucas-CA) (Krist-VA) (Addison-KS)

COOK ISLANDS

11760 0804 Cook Islands Broadcasting and Newspaper Corp: EE/Maori; R. Australia Nx, ID, Mx, TC 0907\* (Fair/Good 4/28 Parks-FL) (Delk-PA)

GUAM

9505 1430 KTWR: EE; Fx, Mx (332 5/5 Miller-CA)  
 9640 1503 KTWR: EE; Religious Mx, OM ID (433 4/3 Forbes-TX)  
 11735 0317 KTWR: EE/CC; IS S/on ID Times, Fx, IS, into CC (443 4/19 Speer-CA)  
 11840 0830 KTWR: EE; "Thru the Bible" Px with Dr. J. Vernon McCee, info on mailbag club, Guam ad/Hong Kong Ad (454 4/21 Connell-CA) (Snyder-NY) (Krist-VA) (Speer-CA) (Ross-ONT)

Republic of KIRIBATI

16433 \*0553 R. Kiribati: EE/? Lang; OM, Mx, Nx (222 4/16 Sanchez-CA) (Jones-MS) (Connell-CA)

NEW CALEDONIA

7170 0725 R. Noumea: FF; Mx, ID (333 5/4 Sanchez-CA) (Delk-PA) (Thompson-CA)

Dominion of NEW ZEALAND

15485 1200 R. New Zealand: EE; Nx (242 5/2 Zilmer-NM) (Vollrath-MO) (Kornek-W. Germany) (Ross-ONT) (Garrett-CA) (Thompson-CA) (Grishin-ONT)  
 17705 0603 R.N.Z.: EE; Local Nx (333 5/6 Gucinski-WA) (Harrell-IL) (English-TX) (Johnson-IL) (Carlson-WA) (SPEER-CA) (Manning-TX) (Hill-SC) (Van Horn-TX) (Connell-CA) (Jamieson-CA) (Snyder-NY)  
 17760 0530 RNZ: EE; "Pacific Newsletter" (444 4/10 Vollrath-MO)



PAPUA- NEW GUINEA

6080 0828 R. Western: EE; OM, Mx, PSA, Nx (322 4/9 Garrett-CA)  
9520 0800 Port Moresby: EE/Pidgin: ID OM, World/Local Nx (433 5/2 Carlson-WA) (Delk-PA)

POLYNESIA (French)

(Tahiti)  
6135 0624 France Regions 3/R. Tahiti: FF ; OM Mx, Nx (433 4/10 Thompson-CA)  
9750 0738 R.T: FF; OM/ YL, Tx by 2 OM (322 4/19 Garrett-CA) (Sarkisian-MI)  
11825 0315 RT: FF/Tahitian; OM/ YL, Mx, ID, Tx (433 4/18 Forbes-TX) (Johnson-IL) (Ross-ONT)  
15170 0523 RT: FF/ Polynesian Mx, ID YL, Tone, FF px (433 4/12 Evans-TN) (Johnson-IL) (Van Horn-TX) (Hill-SC)

SOLOMON ISLANDS

5020 1015 Solomon Islands Broadcasting Corp/H4B5: EE/Pidgin; local Mx, TG, Ads, ID (333 5/1 Ray-PA) (Sarkisian-MI)  
9545 0715 SIBC/H4B9: EE; Mx, IS Nx, ID OM (333 5/2 Carlson-WA) (Connell-CA) (Van Horn-TX) (Ross-ONT) (Speer-CA) (Evans-TN) (Thompson-CA)

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DATELINE

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BBCMS Copyrighted

KAMPUCHEA: Voice of Democratic Kampuchea (transmitters are probably in China): 2330-0030: 15600, 11685, 9530, 8345, 6825; 0400-0500: 15100, 11725; 0900-1000 15115, 11870; 1200-1300: 17745, 15165, 8425. (all px in Cambodian)

IRAN: "Voice of the Islamic Republic of Iran": First Programme 0630-1615: 15260; 0230-0530, 0630-1230, 1315-2130: 15084; 1630-1730: 9770, 0230-0530, 1615-1730, 2030-2130: 9022; 1630-1730: 7230; ....-2130: 3729.

LAOS: Recent monitoring observations indicate that the Laos regional transmitter at Pakse now operates on 6587 instead of 6600 and the Xieng Khouang transmitter is now on 7178 instead of 5607.

NORTH KOREA R. Pyongyang's EE sked: to southeast Asia: 0800-1000: 15375, 15340, 11830; 1300-1500: 15340, 11880; to Middle East and Africa: 1500-1700: 11880, 9977, 9625; 1700-1900: 11880, 9977, 9625; To Europe: 0600-0800: 11985, 11660, 9360 2000-2200: 11660, 9360, 6575. to Americas 1100-1300: 9977, 9745, 2300-0100: 15220, 9745

Well in the space that I have remaining (which is actually nearly one and a third pages) I thought that I would pass along this. In the 19 months that I have been doing this column, I often would have to "cut just to make the Limit", I would really ask for more pages, and now, FOR THE FIRST TIME, I am a page short--WHERE IS EVERYONE? I guess that everyone is getting ready for summer. I hope you have a good summer, but how about doing a little DXing, help me out. Let's fill seven pages again--OK?

To John, I did receive the letter, just have not had time to return anything. Thanks for the note.

Well may the summer bug bite you all and may the happy bug also, Good luck on all summer efforts and DXing. Until next 30 day's--

TOM

# WORLD SERVICE STATION SKEDS

## PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

# STATION SKEDS

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

Deadline: 12th

ÉMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

Hi! Well, in a few short weeks summer will officially be upon us. I hope all is going well for you. We are now in the J82 broadcasting period which will be in effect until the first Sunday in September. Although static levels will be high on the lower bands, the higher bands will remain open later into the night.

Unless otherwise stated, schedules are for English programs, times are in GMT. Schedules credited to the "BBC MS" are copywrited by the BBC's World Broadcast Information division of the Monitoring Service and are used by permission. Now, on to the skeds:

AUSTRALIA. Radio Australia has J82 sked for North America.

0200-0400 17795  
0200-0330 21740  
1100-1300 9580  
(K. Krist, W. Pickard II, R. Yajko)

BANGLADESH. Radio Bangladesh has this sked which was current as of April.

1230-1300 15280, 21670  
1815-1915 11765, 15510  
(C. Radtke)

ETHIOPIA. The Voice Of Revolutionary Ethiopia in Addis Ababa has this sked, dated April 8th.

1500-1600 7165 East Africa  
9560 "  
1900-2000 9595 South Africa  
(BBCMS-WBI)

FINLAND. Radio Finland has this J82 sked in effect.

0700-0825+ 15265 Europe  
21465 Far East, Austral.  
0830-0900 6120 Europe  
11755 "  
15265 "  
21465 Far East, Austral.  
1100-1130 15400 N. Amer., ME  
17800 " "  
1200-1230\* 15400 N. Amer., ME  
17800 " "  
1200-1400+ 15400 N. Amer., ME  
17800 " "  
1330-1400\* 15400 N. Amer., ME  
17800 " "  
1830-1900 15265 Europe  
15430 Africa  
2130-2200 11755 Africa, S. America  
15270 " "

FRANCE. Radio France has this sked in the J82 period for the English program called "Paris Calling Africa".  
TIME: 1600-1700 GMT.

FREQUENCIES: 6175 Europe  
11845 Africa  
15300 "  
15315 "  
17720 "  
17850 "  
21525 "  
21580 "  
21620 "  
25820 "

(Direct.)

GUAM. KTWR in Agana gives this current "off air" sked.

0745-0930 11840  
1430-1600 11945  
1445-1500 11920 (M-W only)  
(R. Speer)

HUNGARY. Radio Budapest has this summer sked.

0100-0130+ 6000 N. America  
9585 "  
9835 "  
11910 "  
15220 "  
17710 "  
0200-0230 6000 N. America  
9585 "  
9835 "  
11910 "  
15220 "  
17710 "  
0300-0315\* 6000 N. America (DX PX)  
9585 "  
9835 "  
11910 "  
15220 "  
17710 " (continued)

(W. Pickard II, L. Taylor)

\* = Not Sunday; + = Sunday only

HUNGARY:continued,

0930-1000	9835	Aust.-NZ,Japan
	11910	"
	15160	"
	15220	"
	17710	"
	21525	"
1100-1120@	6025	Europe
	6110	"
	7155	"
	9585	"
	9835	"
	11910	"
1330-1400@	9585	Asia
	9835	"
	11910	"
	15220	"
	17710	"
	21525	"
1415-1430#	6000	Europe (DX PX)
	6025	"
	7200	"
	7275	"
	9835	"
	11910	"
2000-2030	6025	"
	6110	"
	7200	"
	9585	"
	9835	"
	11910	"

+ = Not Monday; \* = Wed., Sat only  
@ = Monday thru Friday only  
# = Tuesday and Friday only  
(T. Smith)

ISRAEL. Here is the J82 sked for the Hebrew language Reshet Bet program to North America from Kol Israel.

0400-0615	11655
0400-1300	15615
0615-1200	17630
0615-1400	12077
1300-2000	17630
1800-2310	12077
2000-2310	11655, 15615 (J. Levin)

JAPAN. Radio Japan (NHK) in Tokyo has the J82 sked for the Americas.

0130-0230	15195, 17825, 21610, 21640
2345-0045	17825, 21610

(R. Harrell, W. Pickard II, K. Wong)

KOREA (North): Radio Pyongyang has this sked, current as of April 22nd.

0600-0750	9360	Europe
	11660	"
	11985	"
0800-0950	3560	Southeast Asia
	11830	"
	15245	"
	15340	"
	15375	"

KOREA:continued.

1100-1250	9745	Americas
	9977	"
1300-1450	11880	Southeast Asia
	15340	"
1500-1650	4405	ME, N. East, Africa
	9625	"
	9977	"
	11880	"
1700-1850	4405	ME, N. East, Africa
	9625	"
	9977	"
	11880	"
2000-2150	3560	Europe
	6576	"
	9360	"
	11660	"
2300-0050	9745	Americas
	15230	"

(BBC MS -WBI)

PORTUGAL. Adventist World Radio via Sines has this sked, valid until September 26th.

0830-0900	9670	Sunday only
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(J. Fisher)

ROMANIA. Radio Bucharest has this current North American schedule.

0200-0300	5990, 6155, 9510, 9570, 11810, 11940, 15255, 15390
0400-0430	5990, 6155, 9510, 9570, 11810, 11940, 15255, 15390

(Editor.)

SEYCHELLES. The Far East Broadcasting Association (FEBA) in Mahe has this sked, dated April 29th.

0400-0500	11810	East Africa
	15200	"
0715-0815+	15235	South Asia
	17825	"
0715-0830*	15235	South Asia
	17825	"
1225-1230	11865	South Asia
	15320	"
1500-1600	11865	South Asia
	15325	"

+ = Not Saturday, Sunday  
\* = Saturday and Sunday only.  
(BBC MS - WBI)

SOUTH AFRICA. Radio RSA has the J82 sked for North America.

0200-0257	5980, 9580, 9615
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(J. Marin)

SWEDEN. Radio Sweden's J82 sked to North America is as follows:

0230-0300	11705, 15420
1400-1430	17790, 21700
2300-2330	11705, 15380

(C. George, W. Pickard II)

SWITZERLAND. Swiss Radio International has the following North American sked.

0145-0215 6135, 9725, 11715, ECNA  
15305  
0430-0500 9725, 11715 WCNA  
1315-1345 21570 ECNA  
(J. Demmitt)

TOGO. Radio Togo in Lama-Kara has the following sked. Languages employed are French and Kabje.

0530-0830 3222, 6155 Mon to Fri.  
1200-1430 " " "  
1630-2230 " " "  
0530-2230 " " Sat and Sunday  
(B. Annis)

TURKEY. The Voice of Turkey (TRT) in Ankara has this sked, valid as of April 8, 1982.

1200-1300 9560 ECNA  
1330-1430 15125 Southwest Asia  
2030-2130 9625 Europe  
2200-2300 7155 Europe  
9560 North America  
11770 Southeast Asia  
(BBC MS - WBI)

USSR. Radio Kiev has this spring, summer sked, valid until September 5th.

0200-0229 9800, 11735, 11770,  
15180, 15405  
2330-2359 9800, 11735, 12020,  
15180, 15405  
(J. Berri, K. Krist)

Radio Vilnius has this undated sked.

2230-2300 6100  
2300-2330 7150, 9750, 15100,  
15240, 17870  
(P. Batutis)

USA. Your Family Radio (WYFR) has this J82 sked for the Americas.

0000-0200 15365  
0105-0300 9715 (Sat, Sunday)  
0105-0355 9715 (Mon thru Friday)  
0200-0300 11740  
0300-0400 9675  
0400-0500 9675  
0500-0600 9675  
1300-1500 9535  
1500-1700 9535, 15365  
1700-1800 11830, 15365  
1800-1900 15365  
1900-2200 11830, 15365  
2200-2300 5985, 15365  
2300-0000 15365  
(J. Marin J. Latko)

WRNO Worldwide in New Orleans has this J82 sked.

0100-0300 9685  
0300-0600 6155  
0600-0800\* 9550  
0800-1000\* 6115  
1000-1400\* 9670  
1800-2000 15420  
2000-2300 17775  
2300-0100 11855

\* = Sundays only, when religious programs are aired.  
(L. Garrett)

UZBEK SSR. Radio Tashkent has this current schedule.

1200-1225 5950, 9650, 9715, 11785,  
15460  
1400-1425 5950, 9650, 9715, 11785,  
15460

(I. Grishin (Nice to see your name again, Ivan!,) K. Krist)

VATICAN STATE. Vatican Radio has this current English sked for North America.

0100-0115 6015, 9605, 11845  
(R. Hesch, W. Pickard II, J. Taylor, R. Yajko)

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Since we've got a little room here to spare, I'd like to mention a few things.

Please don't feel too bad if you don't see your report printed. I receive so many reports that there just isn't enough room to print all of them. I try not to repeat the same schedule within a three month period, unless of course it is updated. All of your reports are appreciated.

Remember to put your first initial and last name on every sked. If you don't you might not get credit. Also, no medium wave skeds, meter band skeds can be accepted.

One of our members suggested I print a list of stations which keep mailing lists. Since I don't know all of them, let me know the ones you know of the next time you write. From this data we can compile a list in the near future.

Thanks for all the support. My wife and I plan to be at the KAP OPEN in Shrewsbury on June 20th. Hope many of you can make it.

73/God Bless You,

*Chris*

# UTILITY SCENE

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

**AM RTTY USB ISB**  
**LSB CW FAX A3H**

**COLUMN**  
**COVERAGE**  
0-30 MHz  
H.F.

**DEADLINE:**  
12th Day of  
the Month

Hello Gang: From West Germany, Joerg Kligenfuss publishes a variety of lists dealing with various aspects of utility monitoring. If you want to check out what Joerg has to offer, write him for his latest catalog, and be sure to include I-IRC to cover return postage. Address is:  
Joerg Kligenfuss, Panoramastrasse 81, Hageloch, D-7400 Tuebingen, Federal Republic of Germany

\*\* If by chance Oliver Ferrrell of Gilfer Associates reads this, would you please reply to Tracey, your RTTY data provider from Nottingham UK. Your silence is giving us Yanks a bad name. TNX MTC-AZ

\*\* By the way, Gilfer Associates offers a variety of SW rigs, books & related accessories. They are, or just about, to publish the 5th edition of the popular, "Confidential Frequency List"; and a revised edition of their, "Guide to RTTY Frequencies". Write them for their latest SW equipment catalog. (include .25¢ to cover postage)

Gilfer Associates INC, PO Box 239, Park Ridge, NJ 07656

\*\*\* Grove Enterprises has just published a new book entitled, "The Short Wave Frequency Directory". I have not seen a copy yet, nor know its price, but I understand that it warrants checking out. Bob Grove also carries a line of interesting SW/Scanner accessories & books. Write for his latest catalog to:

Grove Enterprises INC, Brasstown, NC 28902

\*\* Speedx Utility Guide - After this months column is finished, a decision will be made, to print the data so far accumulated. There has been many data hang ups, so much so, that there is not a single complete section. It is because of the loose leaf format, that it will be a simple matter to add in the missing data, once it has been run down. The guide now bears the title of: "Speedx Reference Guide to the Utilities". (SRGU) In the next utility scene column, I will inform you of the decision.

\*\* If any of you are thinking about purchasing one of the following rigs, it might be a good idea to first check out Galaxy Electronics. They offer equipment at below list prices, with no shipping charges to continental US destinations.

Sony ICF-2001; Yaesu FRG-7, FRG-7700; Kenwood R-1000; Panasonic RF-2200, 2600, 2900, 3100, 4900 & 6900. Galaxy also carries a full line of Bearcat & Regency VHF/UHF scanners. Write for a catalog to:

9018	U	1940	SAM 34129	wkg Andrews AFB MD (RAL-OH)
9018	U	2003	SAM 31681	P/P SAM CP via Andrews AFB MD (RAL-OH)
9018	U	2004	FISH HEAD 51	wkg FISH HEAD CONTROL (RAL-OH)
9018	U	1635	EDGEY 28	P/P CENTRAL ALFA & DRAGNET DELTA (Anders) (RAL)
9018	U	1825	TROUT 98	P/P TROUT OPS via Andrews AFB (RAL-OH)
9023	U	2045	FOREMOST	wkg DOG TAG with P/P to PUPIL EYE (RAL-OH)
9023	U	2110	ARIZONA PETE	wkg REASON REASON (JDM-MN)
9023	U	0410	CARGO	wkg DUNBAR (RAL-OH)
10494	U	1333	CELEBRITY	wkg WGY 912 (FEMA) (HTC-AE)
10584	L	1922	TANGO 48	wkg TANGO 17 (RAL-OH)
10584	L	1406	BRAVO 84	wkg BRAVO 08 (LJS-CO)
11176	U	2211	SAM 31681	wkg Albrook Aways (RAL-OH)
11176	S	0240	ASCO 4824	(RAF) wkg Ascension Aways (FO-OH)
11179	U	0400	FARGO 60	wkg RENO (RAL-OH)
11182	U	1200	VERBAL 11	wkg MacDill Aways (JDM-MN)
11220	U	1328	EDGEY 19	P/P to RAYMOND 24 via Scott Aways (BCW-FL)
11228	U	1753	SAM 26000	r/c with MacDill Aways (CP-CO)
11234	U	2125	ARCHITECT	c/g Gibraltar (PEP-SC)
11234	U	0202	ASCO 4819	(RAF) wkg Upavon via ARCHITECT (MDC-NY)
11234	U	2015	ASCO 4744	(RAF) wkg GIBALTAR (MDC-NY)
11234	U	2001	MGR 71	wkg ARCHITECT (MDC-NY)
11234	U	0113	ASCO 2828	wkg ARCHITECT (MDC-NY)
11234	U	0505	ARCHITECT	wkg ASCOT 2702 & 2704 (RLR-KS)
11234	U	2221	ASCO 4772	wkg GIBALTAR (EPK-TX)
11243	U	1613	LOCKER	wkg ALTON 11 & 13 (CP-CO)
11243	U	0227	MURKY 09	wkg POLO GAME (JDM-MN)
11243	U	0225	MEDALION	wkg POLO GAME (JDM-MN)
11243	U	0259	POSTMAN	wkg MEDALION (JDM-MN)
11243	U	0157	POTASH	wkg SHAMPOO (JDM-MN)
11243	U	1522	PIZZA 81	wkg ACCUSTON (JDM-MN)
11243	U	2208	AXON 11	wkg AXON CONTROL via COLLUSION (MDC-NY)
11243	U	1508	BOOKCASE	wkg WISHBONE (RAL-OH)
11243	U	0255	FOX 19	wkg TRILIAN (WJS-ONT)
11246	U	1756	TEAL 41	wkg MacDill Aways (BLA-PA)
11249	S	1429	SWAN 20	wkg QUANTAS with WX (LJS-CO)
11249	L	0114	SURTAX	wkg Andrews AFB MD (MDC-NY)
11249	U	2105	AIR FORCE ONE	P/P CROWN via Andrews AFB (BLA-PA)
11267	U	1345	5 FOXPROT	LIMA time check with GOLF 54 (RMH-NY)
11408	S	1416	CAN CAN	wkg PEDDLAR, OPTION, GIFTED, TIDEWICK (LJS-CO)

Galaxy Electronics, PO Box 1202, Akron, OH 44309  
Now onto this months logging submissions.....

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

AK... 8765.4 U 0733 NOJ- CG Kodiak wkg CGC Cape Coral (LMT-AZ)  
8903 3 1055 Anchorage Aero - VOLMET b/c (TS-BC)  
11176 U 0040 AKA5- Elmendorf Aways wkg ?? (HCB-WA)-who Hobart?  
13344 3 0525 Anchorage Aero - VOLMET b/c (JOH-WD)  
BER.: 12709 C 0517 WPT- C&W Hamilton - v mkr (ME-WA)  
CAN.: 2182 U 0555 VOJ- CG Stephenville - missing boat ann. (ML-ME)  
2582 A 1400 VAU- CG Yarmouth wkg Yankee Clipper (ML-ME)  
3001 3 0425 VFG- Gander Aero - VOLMET b/c (ML-ME)  
3287 C 0838 CKN- CANMIL Vancouver - NAW5/DE mkr (SN-TX)  
3330 A var. CHU- SFTS Ottawa - (KWK-VA) (JDS-FL) (SN-TX)  
5282 S 0318 CGR 66W clg CGR 681 & VCD 643 (CAN Fishing) (LJJS-CO)  
5652 3 0330 VFG- Gander Aero - VILMET b/c (JMD-PA)  
6430 U 0510 CFR- CANMIL Halifax - call mkr (RUC-WV)  
6705 U 0307 CHH- CANMIL Trenton wkg Rescue 462 (RAL-OH)  
6946 C 0843 CKN- CANMIL Vancouver - V/G13E mkr (SN-TX)  
6946 C 0540 CKN- CANMIL Vancouver - Marine WX (RDC-WV)  
7335 A 0540 CHU- SFTS Ottawa (ML-ME)  
8440 C var. VCS- CG Halifax - v mkr (HGJ-TX) (RSR-ONT)  
8868 3 var. VFG- Gander Aero - VOLMET b/c (TFS-WA) (ML-ME)  
14670 A 0514 CHU- SFTS Ottawa (JG-WY)

MEX.: 15035 U var. CJX- CANMIL St. Johns - WX (HCB-WA) (RSR-ONT)  
6976.7 A 0255 XBA- Vera Cruz - SS WX b/c (WJF-FL)  
2500 A 0608 WVV - SFTS Ft. Collins CO- storm bulletin (ML-ME)  
2506 U 1645 WOU- Boston MAROP - p/p for Albatross 4 (ML-ME)  
2670 U 0604 WGC- CG New Orleans LA - NTM b/c (ML-ME)  
4363.6 U 0507 WOM- Ft. Lauderdale MARCO- p/p for Patricia (ML-ME)  
4467 U 0407 WOM- Ft. Laud. MARCO - p/p for Ragoos (ML-ME)  
4428.7 U 0723 WGC- CG San Francisco wkg Romeo 9 Delta (LMT-AZ)  
4428.7 U 0418 WNV- CG Portsmouth VA - NTM b/c (ML-ME)  
5000 A 0316 WVV- SFTS Ft. Collins - propagation b/c (KWK-VA)  
5000 A 0321 WVV- SFTS Ft. Collins - time pips (JMD-PA)  
5370 3 1103 WSV70- New York Aero - VOLMET b/c (RSR-ONT)  
5652 3 1535 WME- CG Boston MA wkg CG 2713 (AK-MD)  
5696 U 1532 WME- CG Boston MA wkg CG 2713 (AK-MD)  
5696 U 1401 WNF- CG Boston wkg CG 7251 (RMH-NY)  
6326.5 C 0451 WNU- Slideville LA MARCO - WX b/c (RDC-WV)  
6577.5 C 0300 WCC- Chatham MA MARCO - AP EE/NX (RDC-WV)  
6501.5 C 0510 WLO- Mobile AL MARCO - DE mkr (RDC-WV)  
6506.4 U 0538 WNM- CG Portsmouth VA - NTM b/c (ML-ME)  
6874 U 0243 VOA Greenville Feeder b/c (KWK-VA)  
6924.5 C var. KKN30- USDOS Wash DC- callup to KAL71 (MDC-NY) (RDC)

12317 U 1853 APPLIED wkg TEMP 315 (RAL-OH)  
13110.1 U 1505 CHARLIE 5 CHARLIE wkg VICTOR 3 XRAY, etc (RMA-IA)  
13211 U 1540 SAVAGE SAM wkg STATION 102 (RAL-OH)  
13212 L 1440 TROUT 99 p/p Andrews Metro via Andrews AFB (RAL-OH)  
13212 L 2116 AIR FORCE ONE wkg MacDill (RAL-OH)  
13212 L 2252 SAM 86970 wkg CEREAL (RAL-OH)  
13215 L 2210 SAM 86970 wkg ANDREWS AFB MD (BLA-PA)  
13215 L 2145 AIR FORCE ONE wkg Andrews & SAM 86970 (RLR-KS)  
13215 L 2206 AIR FORCE ONE r/c with Andrews AFB MD (BLA-PA)  
13244 U 1207 ASCOT 5065 p/p Pope Base Ops via MacDill Aways (RMA-IA)  
13244 U 1924 LIMA VICTOR 056 clg MacDill Aways (JDM-WN)  
13247 U 1425 LIMA 42116 wkg Andrews AFB MD (RAL-OH)  
13907 U 0155 AEROBATIC clg RHUMBA (LJS-CO)  
15015 U 1452 HOTEL 11 p/p GULL OFs via Scott Aways (RAL-OH)  
15050 U 1555 HOTEL 3 SIERRA wkg ALFA ECHO (MDC-NY)  
17990 L 2145 SAM 86972 wkg CANDLE STICK with p/p t/c (RAL-OH)  
17990 L 1805 SAM 86972 p/p CROWN via Andrews AFB (RAL-OH)  
18002 U 2245 VICTOR DELTA 193 wkg McClellan Aways (JDM-WN)  
18005 U 1646 ACAR WAY clg IRISH MAN (CP-CO)  
18019 U 1707 EGAS 06 wkg MacDill Aways (RAL-OH)  
18024 L 1546 AIR FORCE ONE wkg CANDLESTICK (RAL-OH)  
18024 L 1327 SAM 86970 p/p CROWN via Andrews AFB (RAL-OH)  
18024 L 1342 COTTON SEED p/p via Andrews AFB MD (RAL-OH)  
18024 L 1304 SAM 27000 wkg CANDLESTICK & Andrews AFB (RAL-OH)  
18024 L 1337 CANDLESTICK wkg COTTON SEED & GAREINE (RAL-OH)  
18027 U 1241 CARBINE wkg Andrews AFB MD (RAL-OH)  
18027 L 2310 SAM 24129 wkg Andrews AFB MD (BLA-PA)  
18666 U 1705 ALFA ALFA ONE wkg ATLAS (RAL-OH)  
18666 U 1306 FLINT 459 wkg ATLAS (RAL-OH)  
19669 L 2041 AIR FORCE ONE wkg MacDill (BLA-PA)  
23262 L 1528 SAM 24126 p/p t/c via Andrews AFB (RAL-OH)  
23265 U 1405 SAM 24126 wkg Andrews AFB MD (RAL-OH)  
29899 U 2056 SAM 86972 wkg CANDLESTICK & Andrews AFB (RAL-OH)

\*\*\*\* NUMBERS/BEACON \*\*\*\*  
A 0600-0625 E/Y 5d "261 1-0" (555) 02May82 (JN-MN)  
A 0600-0625 S/Y 5d "ATT 644-125" 14Apr1182 (JN-MN)  
A 0510-0625 G/Y 5d (433) 01Mar82 (JMD-PA)  
A 0400-0410 S/Y 2844 (111) 11Apr1182 (JC-WY)  
A 0101-0625 E/Y 5d "093 1-0" Count 102" (434) 26Apr11 (PTK-IL)  
A 0300-0340 S/Y 4d "272 1-0" "Fin" (443) 29Apr1182 (JHD-PA)  
A 0215-0625 S/Y 4d "297" (343) 20Apr1182 (FG-NY)  
A 0607-0620 E/Y ?d "216 1-0" Count 64" (333) 02May (TK-MI)  
A 0702-0709 S/Y 5d (343) 01May82 (PTK-IL)  
A 0500-0511 S/Y 5d "ATT 403-90" 13Apr1182 (JN-MN)  
3214 A 0600-0625 E/Y 5d "261 1-0" (555) 02May82 (JN-MN)  
3242 A 0600-0625 S/Y 5d "ATT 644-125" 14Apr1182 (JN-MN)  
4825 A 0510-0625 G/Y 5d (433) 01Mar82 (JMD-PA)  
4880a A 0400-0410 S/Y 2844 (111) 11Apr1182 (JC-WY)  
5235 A 0101-0625 E/Y 5d "093 1-0" Count 102" (434) 26Apr11 (PTK-IL)  
5812 A 0300-0340 S/Y 4d "272 1-0" "Fin" (443) 29Apr1182 (JHD-PA)  
5812 A 0215-0625 S/Y 4d "297" (343) 20Apr1182 (FG-NY)  
5812 A 0607-0620 E/Y ?d "216 1-0" Count 64" (333) 02May (TK-MI)  
5938a A 0702-0709 S/Y 5d (343) 01May82 (PTK-IL)  
6227 A 0500-0511 S/Y 5d "ATT 403-90" 13Apr1182 (JN-MN)

USA.:

6997.6 C 0117 WAR- USACC Ft. Dietrick MD - V mkr (JAB-TX)  
 8291.1 U 0434 KGA472- Houston wkg WYH7584 Ocean Ray (JCH-WD)  
 8474 C 0431 WOE- Mobile AL MARCO - DE mkr (RSR-ONT)  
 8486 C var. WOE- Lantana FL MARCO - V mkr (AK-MD) (RSR-ONT)  
 8525 C 0452 WNU- Slidell LA MARCO - CQ mkr (RSR-ONT)  
 8550 C 0455 WPA- Port Arthur TX MARCO - V mkr (RSR-ONT)  
 8590 C 0747 KOK- Carritos CA MARCO - CQ mkr (SN-TX)  
 8630 C 0730 WCC- Chatham MA MARCO - V mkr (SN-TX)  
 8722 U 1230 WOM- Ft. Lauderdale MARCO - WX b/c (JDM-WN)  
 8731.1 U 0227 WOM- Ft. Laud. MARCO wkg Lady B. (JDM-WN)  
 8765.4 U 0503 WNN- CG Portsmouth VA - NTM/WX b/c (ML-ME)  
 8863 C 0530 WSY76- New York Aero - VOLMET b/c (RSR-ONT)  
 8908 C 0637 Oakland Aero - VOLMET b/c (RSR-ONT)  
 10000 A var. WVV- SPTS Ft. Collins CO (DDS-FL) (JMD-PA)  
 10235a U 0630 WCA- Greenville Feeder b/c (TK-MI)  
 11182 U 1333 AFC9- Scott Aways p/p for Buck 62 (CP-CO)  
 11239 U 1613 AF12- McClellan Aways wkg SOB 21 (CP-CO)  
 12022.5 C 1855 KKN56- USDOS Wash DC- callup to KAL71 (WDC-NY)  
 12022.5 C 1407 KKN56- USDOS Wash DC - QRA mkr (RMH-NY)  
 12718.5 C 0148 WNN- CG Portsmouth VA - CQ/QSX mkr (PAT-CA)  
 12868 C 1900 WNU54- Slidell LA MARCO - CQ mkr (TFS-WA)  
 12925.5 C 2143 WCC- Chatham MA MARCO - V mkr (PAT-CA)  
 13078.5 C 2340 WVO- Mobile AL MARCO - RTTY callup (RPM-GA)  
 13098 C 0455 WLO- Mobile AL MARCO - RTTY callup (RPM-GA)  
 13144.2 U 1526 WOM- Ft. Lauderdale MARCO- tfc list (JDM-WN)  
 13169 U 0412 WOM- Ft. Laud. MARCO wkg Island Princess (JCH-MD)  
 13245 L 1618 AFA3- Andrews AFB c/g SAM 31681 (CP-CO)  
 13247 U 1647 AFA3- Andrews AFB wkg SAM 26000 (CP-CO)  
 15000 A 2116 WVV- SPTS Ft. Collins - propagation b/c (KWK-VA)  
 15887.1 U 1950 WFS465- QTH? wkg Noble Explorer (JCH-MD)  
 16587.1 U 2002 KQB- QTH? wkg Giant (JCH-MD)  
 16587.1 U 1743 KUX- San Diego CA wkg vessel??(HCB-WA) who Hobart?  
 16593.3 U 2023 XSG- QTH? wkg Titan Service (JCH-MD)  
 16871.3 C 0048 KLC- Galveston TX MARCO - CQ/QSX mkr (PAT-CA)  
 17021.6 C 0013 WSL- Amagansett NY MARCO - V/QSX mkr (PAT-CA)  
 17184.8 C 1530 RFS- Palo Alto CA MARCO - tfc list (JAB-TX)  
 17232.9 U 0130 WOM- Ft. Lauderdale MARCO- tfc list (PAT-CA)  
 18002 U 2250 AF12- McClellan Aways wkg Hickam Aways (JDM-WN)  
 18002 U 1918 AFL2- Loring Aways wkg MAC 40640 (HCB-WA)  
 18027 L 1630 WVA3- Andrews AFB p/p to Air Force 1 (HCB-WA)  
 20000 A 1937 WVV- SPTS Ft. Collins CO (DDS-FL)  
 22632 U 2204 WOM- Ft. Lauderdale MARCO wkg Acaadian Flower (PAT)

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

7409 A 0401-0404 Cz/V None - repeat of "031" 23April 82 (JN-WN)  
 7445 ? 0318-0320 E/Y none - repeat of P.A. 0 (322) 05April (RPM-GA)  
 7445 A 2500-2349 S/O 5dd "369" "H80 263 00000 s/off 14Apr (JN-WN)  
 7900a A 0304-0506 S/Y 5dd Finalde X2 (322) 15April82 (JG-WY)  
 8173 L 0405----- G/Y 5dd "U.B." MM 098 30 973 82 -- 15April (JN)  
 9077 A 0230----- S/Y 4d (422) 13April82 (WJS-ONT)  
 9326 A 0245----- E/Y 5d 21April 82 (WJS-ONT)  
 9450 ? 0545-0548 G/Y 5d Ende (343) 20April82 (RPM-GA)  
 9865 A 0613----- G/Y 5d 3-2 delivery 17April 82 (RMH-NY)  
 9970 A 0235----- G/Y 5d (444) 21April82 (WJS-ONT)  
 12135.5 C 0420----- XXX 5ltr "050205Z APR 82, 050205Z APR 82 GR 100  
 13507 A 2225-2236 Cz/O 5a 605 UNQUOTE QUOTE LIBRII" (SAPR. JAB-TX)  
 13775 L 0602----- G/Y 5dd "H.M. MM 302 30 897 79" 07May (JN-WN)  
 14423 A 2200----- S/Y 5d 3-2 delivery "866" 21April (JN-WN)  
 14947 L 1502----- G/Y 5dd "T.L. MM 612 48 187 56" 04May (JN-WN)  
 15610a L 0112----- G/Y 5d (343) 24April82 (PTK-IL)  
 BEAGONS:  
 10215 "U" 0035 msg: "UUU 06613 34336 87513 67928" (MDC-NY)  
 10216 "U" 0220 U repeats only (RVD-KS)  
 28560 "AD" 1032 AD 2x every 45 seconds (BC-ITLY)  
 28956 "R" 1004 at 1006 RE/OM USB xman (BC-ITLY)  
 \*\*\*\*\* UNIDENTIFIED \*\*\*\*\*  
 5282 U 0225 680 wkg 643 - possible CAN fishing boats (WJS-ONT)  
 12280 C 1952 VVV VVV VV6 U6K U6K 557/805 (MDC-NY)  
 14925 C 1945 VVV VVV VV6 U6K U6K 172/805 (MDC-NY)  
 14925 C 1850 VVV VVV VV6 3AV 3AV QRU (MDC-NY)  
 14970 C 1612 VVV C78 C78 C78 (MDC-NY)  
 20468a C 1520 BPA EPA QTC 5 (PRC- QTH ?) (MDC-NY)  
 \*\*\*\*\* RADIO TELETYPE \*\*\*\*\*  
 ALGE: 13655 0900 Algiers c/g Tunits/Sofia 66/850r (TAG-UK)  
 ARGN: 10895 0005 LRB39- SAPORITI Buenos Aires- SS/NX 66/850r (BLA)  
 13515 0030 SAPORITI Buenos Aires - SS/NX 67/??? (JL-OH)  
 AUST: 13920 1800 AXM35- Canberra Metro - WX - 66/425r (TAG-UK)  
 BUL.: 43210 1300 LZP3- BFA Sofia - EE/WX 66/425r (RWA-FRAN)  
 CAN.: 6330 var. CPH- CANMIL Halifax - EE/WX 100/850n (WE-WA)  
 9890 2215 CPH- CANMIL Halifax - FAX maps (FJO-OH)  
 13510 , 1515 CPH- CANMIL Halifax - FAX maps (FJO-OH)  
 PRC.: 5315 2130 Hangzhou Metro - WX 66/425n (RVA-FRAN)  
 16113 1600 BAY55- Peking Air- callup to RENF (BLA-PA)  
 CONG: 14989 2010 TWL77- Brazzaville - Rys 66/425n (BLA-PA)  
 CUBA: 7405 0230 RCC- Havana - tests to ITT N.Y. 60/170n (JL-OH)  
 18193.1 2308 CLN603- Havana - EE/NX 66/425 (RDC-WV)  
 CYPR: 7821 0255 KMS78- USEMB Nicosia - Foxes 100/850n (BLA-PA)

COST: 8478 C 0125 TIM- Limon MARCO - CQ mkr (HGI-TX)  
 PANA: 8607 C var. HFN60 Canal MARCO - CQ/lfc list (PAC-UK) (BFW-GA)  
 11176 U 0530 AHF2- Albrook Aways wkg MAC 40652 (JGH-ND)  
 12873.5 C 0805 HFN60 Canal MARCO - CQ/lfc list (PAC-UK)  
 15015 U 2052 AHF2- Albrook Aways wkg Navy RAT #1 (CF-CO)  
 15015 U 0104 AHF2- Albrook Aways wkg MAC 70012 (JDM-MN)  
 20884 L 1445 AHF4- Albrook wkg CBF511 Santiago (LJS-CO)  
  
 \*\*\*\*\* CARIBBEAN \*\*\*\*\*  
 BWI.: 20186 S 1501 AFE77- "7" NASA Grand Turk wkg "1" (FJO-OH)  
 CUBA: 6995 A 2227 CLX- Casablanca Metro- SS/OM marine WX (WJP-FL)  
 8701.9 C 0200 CIA22- Havana MARCO - CQ/DE mkr (JDM-MN)  
 14490a C 2343 CHU967- Soviet NAVRAD- clg RIV (MDC-NY)  
 17175.5 C 0016 CLS- Industria Pesquera MARCO - CQ/QSX mkr (PAT-CA)  
 GUY.: 5696 U 2430 USSG Concenter Gitmo-SS/OM with Fiesta? (JMD-PA)  
 DOM.: 10935 S 1345 HFP491- USMILIGP Santo Domingo w/ AHF4 (FJO-OH)  
 JAM.: 6470 C 0245 67I- Kingston MARCO - CQ mkr (BLA-PA)  
 MART: 6387.9 C 0501 FUF- FF NAVRAD Ft. de France - V mkr (RDG-WV)  
 8478.4 C var. FUF- FF NAVRAD Ft. de France - V mkr (RSH-ONT)  
 13031 C 0441 FUF- FF NAVRAD Ft. de France - V mkr (EDK-MI)  
  
 \*\*\*\*\* SOUTH AMERICA \*\*\*\*\*  
 ARGN: 8457 C 2020 LSAA- Boca MARCO - V mkr (TS-BC)  
 12988.5 C 0219 LPD88- General Pacheco MARCO - V/DE mkr (JDM-MN)  
 13166 U 0155 LFL- G.P.R. MARCO - SS/OM/WX (BLA-PA)  
 13860 U 2225 CIBA Buenos Aires - SS/YL/YM (AM-UK)  
 17160 C 2048 LSAG- Boca MARCO - V mkr (PAG-UK)  
 22419 C var. LPD91- G.P.R. tfc/V mkr (TS-BC) (HGI-TX)  
 24410 C 2250 AYAZO- INTERPOL Buenos Aires wkg FSB65 Paris (TS)  
 ASCN: 11176 U 0528 AFD14- Ascension Aways wkg MAC 40652 (JCH-MD)  
 20265.6 U 0814 AFE83- NASA ETR with ?? (TS-BC)  
 BOL.: 17590 C 2150 CPE2- La Paz NAVRAD - wkg HDN Quito (AM-UK)  
 BRZL: 8502 C 0442 PPL- Belem MARCO - V mkr (RSR-ONT)  
 12689.5 C 0825 PPJ- Juncao MARCO - V mkr (PAC-UK)  
 16918 C 0221 PPJ- Juncao MARCO - V mkr (HGI-TX)  
 CHIL: 13326.5 C 2255 CCS- Santiago NAVRAD - V mkr (AM-UK)  
 15770a C 0038 CCS- Santiago NAVRAD - V mkr (PAT-CA)  
 17590 C 2230 CCQ- Iquique NAVRAD - clg CXR & LOL (AM-UK)  
 22473 C 0125 CBV- Valparaiso MARCO - tfc with ? (TS-BC)  
 COLO: 5122.5 C 1530 HKG- Barranquilla Aero wkg USAF GRUB 24 (TS-BC)  
 17590 C 2220 5KM- Bogota NAVRAD clg CCQ Iquique (AM-UK)  
 EQUA: 17590 C 2243 HDN- Quito NAVRAD wkg CCQ Iquique (AM-UK)  
 FALK: 24145 U var. \*VPO24- C&W Post Stanley with SS/EE tfc.  
 \* Both xmsns heard after Argentine takeover. Unknown if there is any official ID for station now. Argentina calls Ielands, the Malvinas. Status depends on diplo/military outcome. (FJO-OH) (TAG-UK)

ECPT: 14776.8 2010 SUC66- Cairo Air - RYS 66/850r (FJO-OH)  
 ENG.: 9348 0135 GIC29B- AP London - EE/NX 66/425n (ME-MA)  
 14974 1900 GBW34B- AP London - EE/NX 66/425n (ME-MA)  
 15715 1215 MKG- RAF London - Foxes/RYS 66/170n (FJO-OH)  
 17520 2125 MKG- RAF London - Foxes 66/425r (RMA-FRAN)  
 20386.7 1745 GPN40- Reuters London EE/NX 66/425r (TAG-UK)  
 FRAN: 8023 2150 FTI3- AFP Paris - EE/NX (ME-MA)  
 13728.3 1715 AFP Paris - FF/NX 66/425n (TAG-UK)  
 13729.7 1720 AFP Paris - EE/NX 66/425n (TAG-UK)  
 15665.8 2127 FDM- FF AF Orleans - Voyez Le Brick test (FJO-OH)  
 15977 1715 FFP97- AFP Paris - EE/NX 66/425n (ME-MA)  
 18189 1515 FBS59- INTERPOL Paris - bulletin 67/170n (DLW-OH)  
 22914.8 1545 FTW91- DIPO Paris - PP/FF/NX- 66/425n (RMA-IA)  
 GDR.: 9062 2320 Y7A36- MFA/ZID Berlin- RYS 66/425r (ELA-PA)  
 10209 2120 Y7A4- MFA/ZID Berlin- RYS 66/425n (BLA-PA)  
 10440.1 1830 Y3A5- Deutsche Post Berlin - clg Damascus (RMA-FR)  
 14008.5 1820 Y3D5- Berlin? RYS 66/850n (TAG-UK)  
 14825 1210 ADM Berlin - EE/NX 66/425 (RDG-WV)  
 17126 1340 MFA/ZID Berlin- callup to various cities (RMA-FRAN)  
 19885 1735 Y7A79- MFA/ZID Berlin - RYS 66/425n (TAG-UK)  
 20022 1723 MFA/ZID Berlin - GG/NX 66/425n (ME-MA)  
 FRC.: 19532.6 1730 AEM1USA-USA MARS - EE tfc 66/170n (TAG-UK)  
 GIBR: 14692 2138 GTU- RN Gibraltar- Foxes - EE 66/850r (BLA-PA)  
 23094 1820 GTU- RN Gibraltar- Foxes - EE 66/850r (RMA-FRAN)  
 2438.2 1900 PBC32- DU NAVRAD - multicall mkr- 100/850r (RMA-FR)  
 HOLL: 7800 1500 IRNA Tehran - EE/NX 66/425r (RMA-FRAN)  
 7960 1500 IRNA Tehran - EE/NX 66/425r (RMA-FRAN)  
 19980 0900 IRNA Tehran - EE/NX 66/425r (RMA-FRAN)  
 IRAQ: 14372.8 1700 YL171- INA Baghdad - EE/NX (RMA-FRAN)  
 ITALY: 2455.7 1930 GUARPA DE GUARFB - police NX 66/425n (RMA-FRAN)  
 13896.2 1745 ANSA Rome - EE/NX 66/425n (TAG-UK)  
 13974 1815 ANSA Rome - FF/NX 66/425n (TAG-UK)  
 20316 1915 ANSA Rome - EE/NX 66/425n (ME-MA)  
 JAPAN: 13963 2105 JMI3- Tokyo Metro - WX - 66/850r (TAG-UK)  
 KEN.: 6952 1930 Nairobi Metro - WX 66/425n (RMA-FRAN)  
 NOKO: 9395.6 1930 HNK21- KONA Pyongyang- FF/NX 66/425r (TAG-UK)  
 13584.3 2110 HNS19- KONA Pyongyang- EE/NX 66/850n (TAG-UK)  
 15497.5 2112 HNM56- KONA Pyongyang- EE/NX 66/425n (TAG-UK)  
 15634 0850 KONA Pyongyang - EE/NX 66/425r (TAG-UK)  
 KUWT: 20157 1530 9KT372- KUNA Kuwait - EE/NX 66/425r (FJO-OH)  
 21877.6 1610 9KT383- KUNA Kuwait - EE/NX 66/425r (RMA-IA)  
 LIBE: 13984 0118 USIA Careysburg - EE/NX 100/425n (BLA-PA)  
 15780 1710 EHEI5J- Firestone Harbel to Akron 60/425n (FJO-OH)  
 MALI: 19959.8 1745 9HA- Luga Air - RYS 66/425r (RMA-FRAN)  
 MART: 16106 1720 FZE61- AFP Ft. de France- EE/NX 66/425n (ME-MA)



MART: 16106.5 2120 FZF61- APP Ft. de France FF/NX 66/425 (RDC-WV)  
 MRCC: 10482 2024 CNO- Casablanca Air - Rys 66/850n (BLA-PA)  
 2240 VOA Tangier - EE/NX 100/425 (RDC-WV)  
 12223 0220 VOA Tangier - EE/NX (RDC-WV)  
 16554 2147 CYN65- MAP Rabat - FF/NX 66/425n (BLA-PA)  
 NZEL: 14770 0429 ZLK32- Christchurch- to Antarctica-100/850n (FJO)  
 PARI: 13961.5 0521 ARA- Karachi Metro- test to Rome- 66/170n (FJO-OH)  
 POL.: 17600 1616 SOR260- Warsaw - Rys 66/425r (ME-MA)  
 SAUD: 5740 0230 HZN- Jeddah Metro - WX - 66/425n (BLA-PA)  
 SPAN: 6357.1 0432 EBA- Madrid NAVRAD - Rys 100/777 (RDC-WV)  
 19295 1715 Madrid - telex t/c - 66/170n (TAG-UK)  
 20148.2 1800 EBA- Madrid NAVRAD - Rys 66/425r (RMA-FRAN)  
 SUDN: 18789 1730 SUNA Khartoum - EE/NX 66/425n (LMB-MA)  
 SWIS: 10972 2255 Berne - EE/NX 100/425n (BLA-PA)  
 UFTO: 6775 0055 XTU- Ouagadougou Air - Rys 66/425n (BLA-PA)  
 URGY: 9207.8 ---- CUI192- Ag Montivideo - SS/NX 66/425r (RMA-FRAN)  
 USA.: 5461 0128 USIA Wash DC? - EE/NX 100/425n (ME-MA)  
 8080 2350 NAM- NCS Norfolk VA- FAX maps (FJO-OH)  
 12223 0115 USIA Wash DC? - EE/NX 100/850n (ME-MA)  
 12754 1242 NWA- USCG Miami FL - c/g NBPG 100/170r (RMA-IA)  
 14658 1810 WFK54- New York- USIA EE/NX 100/425 (RDC-WV)  
 USSR: 5325.3 2130 Tashkent Metro - WX 66/170r (RMA-FRAN)  
 5430 2150 Tashkent Metro - WX 66/425n (RMA-FRAN)  
 10880 0132 RKE22- TASS Moscow - EE/NX 100/425n (ME-MA)  
 11470 2200 RNK33- TASS Moscow - EE/NX 66/425n (LMB-MA)  
 13540 0402 RRW71- TASS Moscow - Rys 66/425r (FJO-OH)  
 13947 0344 ROM5- Tashkent Metro- WX 66/425n (FJO-OH)  
 16060 0700 RFM27- APN Irkutsk - RR/NX 132/425r (TAG-UK)  
 18385 1130 RBE24- TASS Moscow - EE/NX 66/425 (RDC-WV)  
 125112a 0200 UZLW- Leonide Sobinov- 3SC t/c 66/170n (RMA-IA)  
 15251a 0328 EULW- Mys Tchassovoi- Rys 66/170n (RMA-IA)  
 SHIP: 25085.4 1603 URXW- Passat - test tape 66/170n (FJO-OH)  
 \*\* any idea what ZSD means? "Rys DE EULW ZSD K'....."  
 \*\*8458 0425 NRXD- CGC Evergreen w/g NMA- 74/170r (EDK-WI)  
 0.001 0445 - USN Giam Lake WI E1F - 76 Hz signal. Thought this system  
 was inactive? (JMD-PA)  
 1610 2000 WKY790 - airport advisory b/c (AM) Skyharbor Airport,  
 Phoenix AZ (LMT-AZ)  
 1613 1025 "RAB" Rabinal, GUAT CW beacon (SN-TX)  
 \*\*\*\* OUTER SPACE \*\*\*\*  
 29320 0129 RS3- USSR Amateur Satellite radio beacon (DLW-OH)  
 29360 0307 RS4- USSR Amateur Satellite radio beacon (DLW-OH)

C 1505 CVK79- PTP Montevideo w/g CXL53 (TS-BC)  
 A var. YVO- SPTS Caracas (DSD-FJ)(FAP-CA)(TK-MI)  
 17141.6 C 0830 YYG- La Guaira MARCO - w/g LEBG Oro Chief (TS-BC)  
 C 2245 YW41- Maracaibo NAVRAD - c/g CXR & LOL (AM-UK)  
 Note: 17590 kHz seems to be a joint So. American NAVRAD freq.....  
 \*\*\*\* EUROPE \*\*\*\*  
 AZOR: 8461 C 0115 CUG- Sao Miguel MARCO - CQ mkr (HGJ-TX)  
 12940 C 0220 LZW5- Varma MARCO - coded t/c (BLA-PA)  
 22344 C 1940 LZW7- Varma MARCO - DE mkr (FAC-UK)  
 CYPR: 10141 U 2247 5BC46- CTA Nicosia- EE/GK/YL/WK (AM-UK)  
 19360 C 1055 5BP2- INTERPOL Nicosia w/g FSB62 Paris (AM-UK)  
 5426 C 0417 KRH59- USEMB London - QEA/7725/11140/13815 (JAB-TX)  
 11140 C 0150 KRH59- USEMB London - callup to KRH48 (MDC-NY)  
 11200 U 0120 WJU- West Drayton VOLMET - (MUS-ONT)  
 12179 U 0445 CMC- BBC Daventry Feeder (JAB-TX)  
 17098 C 2130 GKA- Porlshhead MARCO - t/c list (RDC-WV)  
 17329 U 1920 GKM62- Portshhead MARCO w/g HMS Endurance (JCH-MD)  
 17395 C 0345 GYA- Whitehall NAVRAD - MC/QSX mkr (RMA-IA)  
 23553 U 1845 ITS London - w/g Falkland Islands (TAG-UK)  
 23849.2 C 1625 GYA- Whitehall NAVRAD - coded t/c (FJO-OH)  
 FRAN: 4612.7 C 1017 FDC- FF AF Metz-Preseaty - V mkr//48644.5 (AM-UK)  
 5237 C 1600 FDC21- FF AF Drackenbroun - V mkr (AM-UK)  
 7576 C 1545 FVA89- HQ Gendarmerie Rosny-sur-Bois-t/c (AM-UK)  
 8521 C var. FFL4- St. Lys MARCO- CQ/DE mkr (RSR-ONT) (JDM-MN)  
 8450 C 0418 HUN- FF NAVRAD Paris - V Mkr (RSR-ONT)  
 8620 C 0740 FOM- FF NAVRAD Castelnaudry - V mkr (SN-TX)  
 19360 C 1108 FSB62- INTERPOL HQ St. Martin Abbat-c/g CSJ (AM-UK)  
 GDR.: 13375 U 1315 PTP Berlin - EE/GG/FF/OM/VM (TAG-UK)  
 FRG.: 8483.5 C 0436 DAN- Norddeich MARCO - CQ mkr (RSR-ONT)  
 8511.9 C var. DAL- Norddeich MARCO - V mkr (RSR-ONT) (HGJ-TX)  
 14402 U 1902 AEM1EWA- USA MARS Frankfurt w/g AEM1AC (AM-UK)  
 GIBR: 6762a C 0055 YJU- RN Gibraltar - V mkr (MDC-NY)  
 11294 U var. MLU- RAF Gibraltar w/g Ascot 4750 & 4745 (MDC-NY)  
 11600a C 1957 GYU- RN Gibraltar - V mkr (MDC-NY)  
 12035 C var. GYU- RN Gibraltar - V mkr (AM-UK) (MDC-NY)  
 14690a C 1844 GYU- RN Gibraltar - V mkr (MDC-NY)  
 HOLL: 8932 U 0438 PBW- Amsterdam w/g oil rig KL 678 (JCH-MD)  
 22539 C 1943 FGH71- Scheveningen MARCO - CQ mkr (RDC-WV)  
 ICE.: 13069 C 2208 IFA13- Reykjavik MARCO - CQ mkr (BLA-PA)  
 ELTR: 5533 C 0453 EIP- Shannon Aero- VOLMET b/c (MI-ME)  
 8833 C var. EIP- Shannon Aero- VOLMET (RSR-ONT) (JDM-MN) (ML-ME)  
 13312 C 2045 EIP- Shannon Aero - VOLMET b/c (JDM-MN)  
 ITAL: 8788 U 0621 ICB- Genova MARCO - V mkr (RSR-ONT)  
 22375.6 C 1448 IAR- Rome MARCO - CQ mkr (HGJ-TX)

ITALY: 23698.5 C 0955 IAR33/76- Radiostampa Rome- QRA mkr (AM-UK)  
 NOR.: 7576 C 1550 LBUT- Harstad NAVRAD - V/QC mkr (AM-UK)  
 PORT.: 8511.5 C 0457 CJP- Oeiras NAVRAD - DE mkr (RSR-ONT)  
 SPAN: 22312 C 1840 EBA- Madrid NAVRAD - EBCQ mkr (ELA-PA)  
 SWIS: 22344 C 1921 HEB- Berne MARGO - V mkr (RDG-NV)  
 TURK: 8612 C 2112 TCR- Topkane Kulesi MARGO - CQ mkr (PAC-UK)  
 8272 C 0118 TAH- Istanbul MARGO - CQ mkr (ME-WA)  
 22375 C 1712 TAH- Istanbul MARGO - CQ/QSW mkr (PAC-UK)  
 USSR: 8292 U 0615 Magadan Aero - RR VOLMET b/c (TS-BC)  
 9041 C 0302 RIT- NAVRAD QTR? - callup to RMKY (MDC-NY)  
 11000 C 0136 RIM- Khiva NAVRAD - c/g RWRM & UAHY (WDC-NY)  
 12689 C 0104 ULY- Kaliningrad MARGO - CQ mkr (WE-WA)  
 14963 U 0405 FPP- Moscow - EE/YL/YM (CG-TX)  
 14996 C 0510 RMM- SPTS Moscow - pips/ID mkr (DD5-FL)  
 22330a C 1929 UUV- Murmansk MARGO - CQ mkr (PAC-UK)

\*\*\* AFRICA/MIDDLE EAST \*\*\*  
 ANGO: 22330.5 C 1524 D3E81- Luanda MARGO - CQ mkr (PAC-UK)  
 BRAN: 22311.5 C 1515 A9M- Bahrain MARGO - DE mkr (PAC-UK)  
 ETHO: 11300 3 0140 AdDis Ababa Aero wkg Ethiopian 709 (F70-OH)  
 GUTA: 19393 C 0657 Y7D95- GDR EMB Conakry - c/g Y7A65 Berlin (AM-UK)  
 IRAN: 14817.5 C 1605 EP5X- INTERPOL Tehran wkg F5B58 (AM-UK)  
 ISRL: 13051.5 C 0238 4XO- Haifa MARGO - CQ mkr (HGJ-TX)  
 KEN.: 8441.4 C 1750 5ZF2- Mombasa MARGO - V/QRU mkr (AM-UK)  
 LIBE: 11475 C var. KKN44- USEMB Monrovia c/g K5T84 & KWR95 (MDC-NY)  
 LYBA: 11300 3 0534 Tripoli Aero wkg Libyan 491 (JCH-ND)  
 MAD: 16245 C 2327 5T82- Tananarive Air wkg 5YD (AM-UK)  
 NIGR: 8903 3 0435 Lagos Aero wkg Nigerian 801 (JCH-ND)  
 SEWE: 13410.1 C 0401 6WV- Dakar NAVRAD - V mkr (PAT-CA)  
 SOAF: 6336.5 C 0024 ZRQ3- Cape NAVRAD Simonstown - V mkr (RC-VT)  
 8461 C 0426 ZSC- Capetown MARGO - CQ mkr (RSR-ONT)  
 17150a C 0657 ZSC- Capetown MARGO - CQ mkr (SN-TX)  
 17164.7 C 1909 ZSC7- Capetown MARGO - CQ mkr (PAC-UK)  
 TANZ: 11300 3 0312 Dar es Salaam Aero wkg Nairobi Aero (F70-OH)  
 TUNI: 10390 C 1124 4WA- INTERPOL Tunis - c/g F5B57 (AM-UK)

\*\*\* ASIA/FAR EAST \*\*\*  
 BCH- CGRA Shanghai - V/QSV mkr (AM-UK)  
 DIEG: 16298.6 U 2340 NNNW/NBS- USN MARS wkg NNNW/NIM (AM-UK)  
 HONG: 8903 3 1047 Hong Kong Aero - VOLMET b/c (TS-BC)  
 13344 3 1615 Hong Kong Aero - VOLMET b/c (HCB-WA)  
 INDI: 15730 C 1435 Bombay Air c/g 70C Aden Air (AM-UK)  
 INDO: 16861.7 C 1330 PKD- Surabaya MARGO - CQ mkr (HGJ-TX)  
 JPAN: 13344 3 1842 Tokyo Aero - VOLMET b/c (HCB-WA)  
 15000 A 0930 J1Y- SPTS Koganei - (SN-TX)

29402 2337 Oscar 8 - US Amateur Satellite radio beacon (DLW-OH)  
 29402 2230 Oscar 8 - US Amateur - with t/c (A3H) (JWD-PA)  
 29452 0145 RS5- USSR Amateur Satellite radio beacon (DLW-OH)  
 29452 0316 RS6- USSR Amateur Satellite radio beacon (DLW-OH)  
 29500 0320 RS7- USSR Amateur Satellite radio beacon (DLW-OH)  
 29500 0156 RS8- USSR Amateur Satellite radio beacon (DLW-OH)

\*\*\*\* QSLs \*\*\*\*  
 ENG.: GBR-Rugby SPTS card 84d for 3 IRC - 16 kHz (TS-BC)  
 FRAN: PFO- St. Nazaire - card/PFC 21d for IRC 2182 kHz (PAC-UK)  
 INDI: ATA- New Delhi SPTS - card 90d for IRC 15000 kHz (TS-BC)  
 ITALY: IGB- Genova MARGO - Ltr 30d-no data - 8787.1 kHz (RSR-ONT)  
 SCOT: Oban Radio - PFC 171d for IRC 2182 kHz (PAC-UK)  
 SOAF: ZSC- Capetown SPTS- card 362d for 2 IRC 22455 kHz (TS-BC)  
 USA.: NWA- USCG Miami FL - card in 04d for SASE 5696 kHz (BCW-FL)  
 KK2XGH - Experimental HAM - Silver Springs MD - card 11d MS 10104 kHz (MDC-NY)  
 NWC- USCG San Francisco CA- card/Ltr in 17d XRP- 4428.7 (LMT-AZ)  
 VOA Greenville relay- card 33d XRP 10235 kHz (TK-MI)  
 JA1NEZ (HAM) via OSCAR 7 Satellite- card - 29440 kHz (TS-BC)

BBAOCs:  
 RKZ - Rockingham-Hamlet Arpt, Rockingham NC- 2yrs! 375 kHz (HH-WD)  
 YFQ - Peterborough Arpt, Ontario CAN- PFC 11months 379 kHz (HH-WD)  
 APH - Camp A.P. Hill, Ft. Ritchie MD- PFC/Ltr 69d MS 396 kHz (HH-WD)  
 BPO - Scott Muni Arpt, Oneida, TN - PFC 5months 403 kHz (HH-WD)  
 IIL - Wilmington Industrial Airpark, OH- PFC 20d MS 407 kHz (HH-WD)  
 VFN - Montreal Int'l Arpt, Quebec CAN- Ltr 3months 500 kHz (HH-WD)  
 FN - Clinton Muni Arpt, IA - PFC 08d MS 517 kHz (HH-WD)

SHIPS: The following are all from HH-MD. All logged on 12430 or 12432.3 kHz. Most QSLs via base station. All worked KZJ.....  
 GQOV - ATLANTIC RESOLUTE (cargo).... TEB 24 - CENTRAL AMERICA (cargo)...  
 ZGBW - ATLANTIC SKY (Cargo)... ZGBY - ATLANTIC SUN (Cargo)...  
 ZGDU - ATLANTIC CLIPPER (Cargo)... ZGDA - CARIBBEAN TRAILER (Trailer-ship)...  
 HO 3975 - PANATLANTIC (Trailer-ship)... HO 3974 - PANAMERICA (Trailer-ship)...  
 WQ 5902 - AMERICA (unkn)... TEB 23 - COSTA RICA (Cargo)...  
 HO 3973 - PANCARIBBE (Trailer-ship)... ABEI - PAN ANTIILLES (Trailer-ship)...  
 ZGGM - ELINE (Cargo)... ZGDT - ATLANTIC INTREPID (Cargo)  
 ZGHH - CURRENT TRADER (General Cargo)... WYQ 5906 - AWAZONIA (Container)  
 PUTW - BEGONIA (RO)... KGCJ - ANTIILIA (Container)

Contributor list follows on next page segment.....

JAPAN: 17003a C 0042 JDC- Choshi MARCO - CQ mkr (PAT-CA)  
 NOKO: 15480 C 2325 HMM56- KONA Pyongwang- V/MC mkr (AM-UK)  
 PHIL: 18993 U 1325 AIG2- Clark Aways wkg Mike Delta 963 (MTC-AZ)  
 14176 U 1633 AIG2- Clark Aways wkg Golf Victor 320 (CP-GO)  
 12875 C 2225 DZO- Manila (Bulacan) MARCO- CQ mkr (AM-UK)  
 16872 C 1345 DZI- Manila (Bulacan) MARCO- CQ mkr (HGU-TX)

\*\*\*\* PAGIPID OCEAN \*\*\*\*

AUST: 4500 A 1211 VNG- SFTS Lyndhurst (DDS-FL)  
 7500 A var. VNG- SFTS Lyndhurst (JMD-PA) (DDS-FL)  
 8847 C 0508 Sydney Aero wkg Auckland Aero (JCH-MD)  
 12000 A var. VNG- SFTS Lyndhurst (KWK-VA) (RSR-ONT) (DDS-FL)  
 16900a C 0721 VIP- Perth MARCO - V/MC mkr (SN-TX)  
 22475a C 0424 VTS42- Sydney MARCO - V mkr (SN-TX)  
 22485a C 0447 VIX- Canberra NAVRAD - V mkr (SN-TX)  
 FFPO: 17381a C 0342 FUM- FF NAVRAD Peapeete - V mkr (RMA-IA)  
 GUAM: 9010 U 1427 AIB2- Andersen Aways- P/P for Swan 15 (MTC-AZ)  
 HI...: 2500 A 1216 WWH- SFTS Kauai (SN-TX)  
 5000 A var. WWH- SFTS Kauai (DDS-FL) (SN-TX)  
 8984 U 0502 NMO- CG Honolulu wkg CG 1351 (JCH-MD)  
 10000 A 0900 WWH- SFTS Kauai (KWK-VA)  
 17307.3 U 1905 NMO- CG Honolulu c/g CGC Storis (HCB-WA)  
 22475a C 0424 NMO- CG Honolulu - CQ mkr (SN-TX)  
 NZEL: 8903 C 1050 Auckland Aero - VOLMET b/c (TS-BC)  
 13300 C 0358 Auckland Aero wkg ? 054 (JCH-MD)  
 13344 C 0522 Auckland Aero - VOLMET b/c (JCH-MD)  
 225443a C 0440 ZLB- Awarua MARCO - DE/MC mkr (SN-TX)

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

2290 C 0200 EIDQ- Tag STAGKARTH - ID/GSX mkr (BC-ITLY)  
 2670 U 1732 NRDD- CGC DUANE - xmitting NFM b/c (MT-BED)  
 6292 C 1515 VYYY- FRENCH RIVER c/g CCBZ NORMAN McLEOD ROGERS (BC-VT)  
 6292 C 1410 SWZK- KATINA c/g VOS Halifax (BC-VT)  
 6292 C 1427 SNLO- SEA PIONEER wkg VCS Halifax (BC-VT)  
 6506.4 U 1303 NRPK- CGC CLOVER r/c with NWC (JDM-WN)  
 6509.5 U 1468 WTER- NOAA RESEARCHER wkg KAG (QTH?) (BOW-FL)  
 6518.8 U 1026 NRQM- CGC SWEETGUM wkg NMA CG Miami FL (RMA-IA)  
 7392 U 0335 NNN03VO- USS GUADALCANAL- P/P via NNN03ISD (RAL-CH)  
 8198 U 1006 GYNS- ORIANA c/g VTS Sydney MARCO (TS-BC)  
 8198 U 0954 VKCW- HMAS JERVIS BAY c/g VTS Sydney (TS-BC)  
 8222.9 U 0230 PISU- ROTTERDAM P/P via WOM (MN-WD)  
 8291.1 U 0530 WESTERN LADY c/g WA 6877 (HCB-WA)  
 11234 U 1007 VKCU- HMAS STALWART wkg RAN Cocos Island (MTC-AZ)  
 13174 U 2225 n/v ROBUSST P/O via Portlashed MARCO (BLA-PA)  
 14442 U 0105 NNN03VO- USS GUADALCANAL P/P via NNN03IG (RAL-CH)  
 14467 U 2350 NNN03VG- USS DWIGHT D. EISENHOWER P/P NNN03ITG (RAL-CH)

**\*\* 55 ute contributors for this month were:**

- |            |                   |           |                  |
|------------|-------------------|-----------|------------------|
| (RMA-FRAN) | Roger Aked        | (PTK-IL)  | Patrick Kerrigan |
| (BLA-PA)   | Brian Alexander   | (AK-MD)   | Anthony Kobylski |
| (RMA-IA)   | Rodney Alexander  | (KWK-VA)  | Kralig Krist     |
| (LMB-WA)   | I. W. Bailley     | (EDK-MI)  | Eugene Krolak    |
| (HCB-WA)   | Hobart Beal       | (JI-OH)   | Jay Latko        |
| (JAB-TX)   | James Boehm       | (RAI-OH)  | Robert Leary     |
| (MTC-AZ)   | Robert Carson     | (ML-ME)   | Mike Leonard     |
| (MDC-AZ)   | Mike Chabak       | (AM-UK)   | Alex Moore       |
| (BG-ITLY)  | Mark Chinsky      | (RFW-GA)  | Ralf Munster     |
| (PAC-UK)   | Bruce Chitnuck    | (MN-MD)   | Marshall Narva   |
| (RC-VT)    | Peter Conway      | (SN-TX)   | Sam Neal         |
| (RVD-KS)   | Robert Curtis     | (JN-MN)   | Jon Nida         |
| (JHD-PA)   | Robert Davis      | (FJO-OH)  | Fred Osterman    |
| (JMD-PA)   | Joint Demmitt     | (WJP-FL)  | William Parks    |
| (RAD-WA)   | John Delk         | (CP-CO)   | Charles Pringle  |
| (ME-WA)    | Rick Dugway       | (RLR-KS)  | Robert Rankin    |
| (PEF-SC)   | Mark Eramo        | (RSR-ONT) | Robert Ross      |
| (TAG-UK)   | Phillip Forrester | (TFS-WA)  | Thomas Sabie     |
| (CG-TX)    | Tracey Gardner    | (DDS-FL)  | David Sharp      |
| (FG-NY)    | Charles George    | (TS-BC)   | Ted Shevchenko   |
| (JG-WY)    | Fernando Gonzalez | (LJS-CO)  | Leonard Stock    |
| (JCH-MD)   | Jeff Greenwald    | (WJS-ONT) | Wilf Stone       |
| (RMH-NY)   | James Hartung     | (LMT-AZ)  | Lyle Taylor      |
| (HH-MD)    | Ruth Hesch        | (PAT-CA)  | Peggy Thompson   |
| (HFK-TX)   | Hank Holbrook     | (JDM-MN)  | John Williams    |
| (TK-MI)    | Howard Johnson    | (DLW-OH)  | David Willson    |
|            | Emil Kasprzyk     | (EGW-FL)  | Bernie Wimmers   |
|            | Thomas Kephart    |           |                  |

**\*\* RTTY Burfs:** If any of you feel qualified to talk on this subject, I can use your comments in the upcoming Speedx ute guide. The Guide's RTTY section will be a basic primer: what is RTTY?, equipment needed, pitfalls & problems to avoid, monitoring tips, explanation of terminology, etc. In other words, items the rank novice should know, before & as he gets his feet wet. I will take all inputs and combine them into a single RTTY Primer. Any and all qualified utes are welcomed to send in his or her views on this subject.....

**\*\* Grove Enterprises -** part way through typing this issue, I received the latest Grove Enterprise book, "Short Wave Frequency Directory." Although I have not had the necessary time to extensively check it out, here are my initial comments & observations.....

- U 0045 NNNWCOM- USS TRENTON p/p via NNNWRQ (RAL-OH)
- U 0106 NNNWCS- USS ELMER MONTGOMERY p/p via NNNWNG (RAL-OH)
- U 0018 NNNWCOM- USS TRENTON p/p via NNNWQR (RAL-OH)
- U 0208 NNNWNAF- USS MILWAUKEE p/p via NNNWJSD (WTC-AZ)
- U 0049 NNNWV- USS KALAMAZOO wkg NNNWZIK (WTC-AZ)
- U 1804 KHRS- SEALAND MARINER c/g KSW (QTH?) (HCB-WA)
  
- \*\*\*\* AIRCRAFT \*\*\*\*
- 3 1337 EMPRESS 304 wkg San Francisco Aero (CP-CO)
- U 0127 CG 1487 wkg CG Boston MA (JDM-MN)
- U 0720 AIRVAC 60149 wkg LaJes Aways (BLA-PA)
- 3 2100 CALEDONIAN 366 c/gs Kano Aero (TAG-UK)
- 3 0454 MIKE ECHO 272 wkg Brazzaville & Niamey Aero (JCH-WD)
- 3 0229 LUFTHANSA 480 wkg Dekar Aero (JDM-WN)
- 3 0205 TWA 900 wkg New York Aero (MN-MD)
- 3 0214 AEROMEXICO 450 c/g New York Aero (MN-MD)
- U 0339 MAC 40649 wkg New York Aero (JCH-WD)
- 3 0209 AEROFLOT 335 wkg New York Aero (MN-MD)
- U 0155 MAC 50024 wkg Gander Aero (JDM-WN)
- 3 0135 SPRINGBOX 210 wkg New York Aero (WJS-QNT)
- 3 0058 OVERSEAS NATIONAL 304 wkg New York Aero (JDM-WN)
- 3 0104 CUBANA 492 wkg Santa Maria Aero (JDM-WN)
- U 1657 CG 2106 wkg NNA CG Miami FL (ECW-FL)
- U 0215 MAC??460 r/c Albrook Aways (JDM-WN)
- U 1946 CG 02 - p/p t/c via Andrews AFB MD (RAL-OH)
- U 1545 NAVY 50515 p/p Andrews Navy Ops via Andrews (RAL-OH)
- U 0036 MAC 60111 wkg Albrook Aways (RAL-OH)
- U 1532 MAC 60198 p/p to Discard via Scott Aways (JDM-WN)
- U 1433 MAC 80219 p/p Pope Metro via Scott Aways (RAL-OH)
- U 2202 MAC 40646 wkg Scott Aways (RAL-OH)
- U 1500 Canadian Rescue 462 wkg CANMIL Trenton (RAL-OH)
- 3 0148 LUFTHANSA 540 wkg Kharoum Aero (JDM-WN)
- 3 1126 SCANDINAVIAN 963 wkg Kharoum Aero (JDM-WN)
- 3 1226 ARROW AIR wkg New York Aero (JDM-WN)
- 3 1227 ARGENTINA 326 wkg New York Aero (JDM-WN)
- U 1525 MAC 80223 p/p via MacDill Aways (RAL-OH)
- 3 0237 UNITED 192 wkg San Francisco Aero (CP-CO)
- 3 1838 CLIPPER 2 wkg San Francisco Aero (HCB-WA)
- U 0140 MAC 70012 wkg Ascension Aways (JDM-WN)
- U 1914 MAC 40640 c/gs McGlellan Aways (HCB-WA)
- U 18019 MAC 40644 wkg Albrook Aways (RAL-OH)
  
- \*\*\*\* FACTICAL \*\*\*\*
- U 0340 OKLAHOMA c/gs CAKE PAN (LJS-CO)
- S 0315 ZULU 1 YANKEE 39 wkg ZULU 1 YANKEE 34 LITMA (LJS-CO)
- U 0430 0 WHELSKEY HOTEL wkg HERSHEY CONTROL (BLA-PA)

218 pages, 8 1/2 by 11 size & plastic spiral bound, like the old SUG or the Handler RCG, etc. Data covers 1.6 to 30 MHz, and is worldwide in its scope. Data is presented in clean neat typing, and the offset printing was first rate.

Although Bob Grove edited it, Steve Handler had a definite part to do with it. Anyone familiar with Steve's 1979 Radio Communications Guide (RCG) will immediately recognize similarities with a number of SWFD pages. This material appears to be updated & expanded upon. In other words, the RCG formed the basis upon which the SWFD was built.

Beyond this, there is a very wide assortment of NEM military, governmental, commercial material, including RTTY & facsimile items. My initial observation is that there is quite a collection of data, covering virtually all aspects of utility communications.

Data Accuracy - Time will tell on this. In all fairness, no book that comes out, is 100% accurate & up to date. Utilities have a way of slightly changing, so what was a valid piece of data one day, may not be the next. Every publication is prone to this unpredictable factor, so expect the SWFD to be no different. 95% plus accuracy is a normal expected average, for ANY general coverage ute book, once it reaches the public.

The only (2) negative comments I have is: the somewhat confusing arrangement of the data topics. Theyare made more difficult to locate due to a table of contents, that runs by chronological page number, rather than an index arranged alphabetically by subject. But once you become accustomed to the book's layout, this should not be of much hindrance. The second item deals with the plastic spiral binding. Any one familiar with this type of book binding will understand what happens after frequent usage.

All in all, the Short Wave Frequency Directory is destined to be one of those MUST ute books to have.

Purchase price is quoted as \$12.95 plus \$1.50 UPS shipping, or \$1.00 for USPO book rate. (\$14.45 UPS/ \$13.95 USPO totals) By the way, UPS cannot ship to a PO box number. No info was given for other than USA postage/handling charges. For this information, or to place an order, mail to: Grove Enterprises INC., 140 Dog Branch Road, Brasstown, NC 28902. If you're making only an inquiry, please include an SASE or IRC, to cover return postage.

\*\* Speedx Ute Guide... It's all but certain that it will begin to arrive at the printers very soon. It has been delayed due to gaps in needed data. One of the real sore spots has been the lack of obtaining current mailing addresses. The entire US Military

4746 U 0240 LIMA KILO 08 wkg LaJes Aways (BLA-PA)  
 4955a U 0130 BITTER 01 wkg KILGORE (PTK-IL)  
 4986 U 0458 INCOGNITO wkg GUTTY SARK (JCH-WD)  
 5080 U 0408 PLEAD CONTROL wkg XRAY 8 OSCAR (MTC-AZ)  
 6470 U 1359 BARKY 50 wkg CASKEET with WX rpt (LJS-CO)  
 6690 L 2315 Andrews AFB MD wkg CERREAL (RAL-OH)  
 6697 U 0306 7 FOXSTROT ROMEO c/g 6 CHARLIE CHARLIE (CP-CO)  
 6720 U 1600 1 SIERRA SIERRA wkg 0 OSCAR BRAVO (AK-MD)  
 6723 U 0124 NAVY RAT 11 wkg GITMO Ops (MDC-NY)  
 6753 U 0120 ASCOT 4795 (RAF) c/g Ascension Aways (BLA-PA)  
 6756 U 1240 SAM 31681 wkg Andrews AFB MD (RAL-OH)  
 6756 L 0049 SAM 86972 wkg Andrews AFB MD (MDC-NY)  
 6756 U 1539 NAVY 515 p/p Andrews Navy Ops via Andrews (RAL-OH)  
 6756 U 0004 SAM 12490 p/p via Andrews AFB MD (RAL-OH)  
 6756 U 1415 VENUS 72 wkg Andrews AFB MD (RAL-OH)  
 6756 U 1300 TROUT 99 wkg Andrews AFB MD (RAL-OH)  
 6756 U 1238 SAM 27000 wkg Andrews AFB MD (RAL-OH)  
 6756 U 1710 ROOK 43 wkg Andrews AFB MD (RAL-OH)  
 6756 U 1535 SAM 26000 wkg Andrews AFB MD (RAL-OH)  
 6756 U 1525 MARGONIT MOBILE wkg BURLEY BOY (RAL-OH)  
 6757 L 0327 SAM 86971 p/p LaJes CP via Andrews (RAL-OH)  
 6761 U 2341 WAR HAWK c/g TANK CAR (MDC-NY)  
 7527 U 0215 CAPE CO c/g OMAHA 52 & OMAHA 02 (RLR-KS)  
 7527 U 0205 LONE STAR BASE wkg SUNSHINE with r/c (RLR-KS)  
 7700 S 0343 9 HOTEL DELTA UNIFORM wkg ZULU 47 LIMA (LJS-CO)  
 7900 S 0355 12 ROMEO c/g 12 SIERRA (LJS-CO)  
 7919 U 0442 DEFLATE c/g QUALITY (LJS-CO)  
 7920 U 0137 CASKEET c/g BARKY (LJS-CO)  
 8170 S 0437 PYRAMID c/g LONG JOHN (LJS-CO)  
 8776 L 0342 AGUSTUS wkg KNIT 81 - QSI to 3272 kHz (LJS-CO)  
 8972 U 0220 ECHO 6 NOVEMBER wkg ROMEO 2 MIKE (JDM-WN)  
 8972 U 1227 QUEBEC 4 MIKE wkg 4 BRAVO TANGO (RAL-OH)  
 8972 U 1828 8 LIMA CHARLIE wkg 2 HOTEL DELTA (RAL-OH)  
 8980 U 1431 ALFA XRAY wkg ALFA 9 UNIFORM (CP-CO)  
 8981a U 0055 E N W wkg 52NH, 52NF & NKHV (MDC-NY)  
 8989 U 1325 QUEBEC BRAVO 27 wkg McClellan Aways (JDM-WN)  
 8989 U 0322 UPSTAIRS wkg McClellan Aways (JDM-WN)  
 8993 U 0136 ASCOT 2703 (RAF) wkg Ascension Aways (MDC-NY)  
 8993 U 0213 HUNT 72 p/p to FORMAT via MacDill Aways (JDM-WN)  
 8993 U 0206 DEICER wkg MacDill Aways (JDM-WN)  
 9014 U 0142 JOYCE 42 p/p to Dress CP via Scott Aways (MDC-NY)  
 9018 U 2030 FISH HEAD 00 wkg FISH HEAD CONTROL (RAL-OH)  
 9018 U 2108 SAM 24197 wkg Andrews AFB MD (RAL-OH)  
 9018 U 1610 SAM 24126 p/p CRYPTO MAINTENANCE via Andrews (RAL-OH)  
 9018 U 1915 SAM 12488 p/p SAM CP via Andrews AFB (RAL-OH)

US Gov't sections are stalled due to the present non-availability of one major data source reference. To continue to hold off publishing, is not the wise thing to do.

The SRGU will therefore start coming out, not in its anticipated full data sections, but as ongoing segments. The SRGU is to be 3-hole punched, numerically index coded by section, & individual sections will be on different colored paper stock. In effect, it will be information sheets, that over a period of time, will build into a single comprehensive manual.

Editing the Speedx ute column & answering the volume of ute correspondences, has heavily cut into my available time needed to work on the ute guide, it therefore may require that I ask HQ for a temporary leave of absence, from my ute column editing duties. To cover this eventuality, I ask for the next few months, that you hold off on sending your ute loggings/QSL returns, until you receive the latest Speedx bulletin. If I decide to turn over the column, in the opening statement, you will be informed as to where to send your contributions.

\*\* A Personal Reflection: There are a number of non-gov't publishers & individuals that present utility related reference material. Some of their works cover the same subjects, but include items not found in any of the others. For the rank & file ute monitor, this forces one to purchase all available publications, in order to fully benefit. This is a shame, but there is the factor of reality, in the everyday pursuit of making a profit on what you have to offer.

But wouldn't it be grand to have all ute publishers get together, pool their material, split the production costs, share in the profits, and produce a single, one source, comprehensive utility manual??? It might run 500 to 1,000 pages, and have to be offered, cost wise, on an easy to handle installment basis. But just think of it; all the active non-gov't ute publishers combining their talents into one massive publication... The concept is simple, but the actual implementation would run the full obstacle course of difficulties.

I admit it's a pipe dream, but wouldn't it be grand?.....

73s one & all.....

# QSL REPORTS

WHAT: The Fourth Annual KAP OPEN  
WHEN: Sunday, 13 June 1982  
WHERE: 86 S. Quinsig  
WHY: To meet some great people and  
have a good time in general  
Further details at the end

Editor: John Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA  
01545

Deadline: 12th of the month.....

The WRNO QSLs are finally out. Congratulations to Richard Casavant of Montreal, PQ, the winner of the DX Stamp Service Gift Certificate. Congratulations also to the many winners in the McHale's Navy contest. Now on to it.

## EUROPE

ALBANTA: Radio Tirana, 7065, f/d Spirit of the Revolution cards in 90 days (Ross-ONT), in 41 days (Campbell-CT). Nice to see you back after your illness, Soups (kap).

AUSTRIA: ORF, 15560, f/d card in 74 days (Miller-CA)

BELGIUM: RRT, 9870, 11965, 21460, f/d cards or letters in an average 3 weeks (Audette-MA, Eichenhorn-MI, Harrell-IL, Hesch-NY, Krist-VA, Miller-CA, Speer-CA, Taylor-MO, Ulmer-LA, Vockerath-NJ, Wilkins-CO, Zolla-CA). Quite a turnout. Don't forget, to get a QSL card you must be a member of their Listener's Club (kap)

PULGARIA: Radio Sofia, 7115, f/d card in 34 days (Mockler), in 51 days (Fortmann-IL), in 50 days (Ross-ONT); 7120, same in 51 days (Snyder); 9665, same in 70 days (Krist-VA); 9700, same in 31 days (Levy-MS).

CZECHOSLOVAKIA: Radio Prague, 7345, f/d cards in 89 days (Miller-CA); 9605 same in 39 days (Robinson-AUST)

DENMARK: Radio Denmark, 15165, f/d antenna card in 24 days, IRC (Claytor-MI), f/d "Provisional" paper folder in 32 days (Robinson-AUST), in 60 days (Ross-ONT). The provisional folders will be replaced in May by a new series of QSL cards. The end of an era, the "antenna" card was a classically simplistic one. Now, a contest, first photocopy of one of the new cards wins a one year sub to SPEEDX mid-month Update. (kap).

ENGLAND: FBC, 7325, usual no data Thames Fridge card in 12 days (Claytor); 15070, same in 32 days (Ulmer-LA).

FINLAND: Radio Finland, 21475, no data ceramics card in 59 days (Hamer-MN), n/d Finlandia Hall card in 40 days along with sked and "Hear Finland" booklet (Lord-CA)

FRANCE: Radio France Internationale, 17860, f/d Paris Scene card in 53 days along with stickers (Hahn-CA); 21620, f/d Cinquante Ans card in 32 days (Levy-MS); 21645, f/d 50th anniversary cd in 35 days along with pennant, sticker and sked (Delk-PA).

GERMANY, DEMOCRATIC REPUBLIC: Radio Berlin International, 6080, f/d card in 39 days (Chituck-ITALY); 11840, f/d card in 35 days (Krist-VA); 11890, f/d card, pin, stickers and drink coaster in 60 days (Ross-ONT); 11975, f/d card and club badge in 50 days (Davidson-TX), f/d card, first day covers and books on Martin Luther and Christians in the DDR in 6 weeks (Lobdell-MA); 17830, f/d card, sked and desk calendar in 70 days (Sharp). I don't know why they send out some no data cards a couple of months ago, all reports since then have been full data (kap).

GERMANY, FEDERAL REPUBLIC: Sddeutscher Rundfunk, 6030, f/d Orange and Plack Broadcasting Complex card in 56 days, 2 IRC (Schlesinger-TX); Radio Bremen 6190, date/freq Antenna card in 51 days, IRC (Streeter-NY); Sudwestfunk, 7265, f/d Abstract Circles card in 6 months, 2 IRC (Robinson-AUST); Radio Free Europe, 21720, frequency only card in 7 days via the Washington, DC office (Schlesinger-TX).

GREECE: Voice of Greece, 9515, f/d Ydra Island card in 150 days (Ross-ONT); 11730, f/d Island card in 134 days (Sherwood-MA), f/d Santorini Island card in 120 days (Krist-VA), f/d Poros Island card in 71 days (Sharp=PL)

HOLLAND: Radio Gerona International - Raalte (pirate), 6288, f/d form letter, post card and stickers in 2 months for cassette tape report and 2 IRC (Lobdell-MA). QTH is Radio Gerona International, P.O. Box 77, 8100 AB Raalte (kap); Radio Netherlands - Lopik, 17605, f/d card in 110 days along with calendar and sticker (Robinson-AUST).

HUNGARY: Radio Budapest, 15220, f/d City Scene card along with sked, pennant and stickers in 32 days, 2 IRC (Greenbauer), f/d Danube River card in 31 days (Harrell-IL).

ICELAND: Iceland State Broadcasting Service, 13797, f/d Thingvellir card in 31 days, IRC (Hesch-NY), same in 69 days (Robinson-AUST).

IRELAND: South Dublin Radio, 6240, f/d plain card in 23 days (Campbell-CT), same in 60 days, 2 IRC (Ross-ONT); Westside Radio, 6280, f/d card in 50 days, 2 IRC (Campbell). Reports are that the Irish government is going to try to shut down these stations. Get em while you can (kap).

ITALY: RAI, 9575, f/d cards in 177 days (Delk-PA); Radio Tele-Pace - Verona, no data letters of confirmation along with stickers in 31 days, 2 IRC (Fisher-MA), same in 5 weeks (Lobdell-MA). QSL cards are being made up. The address is: Via Oriani 2, 37122 Verona. Thanks to Dario Montferini for the following address of the Italian Broadcasting Corporation (pirate): IBC, c/o Radio Rastafari, Box 37, Bommel, HOLLAND (kap)

MALTA: International Christian Radio via Radio Mediterran, 9515, f/d Toronto CN Tower cards in 3 months, various return postage (Audette-MA, Christopher-NJ, Kapinos, B. Raymond-MA, Robinson-AUST).

MONACO: TWR - Monte Carlo, 9495, f/d City/Ocean scene card along with sked and paper pennant in 60 days (Ross-ONT)

NORWAY: Radio Norway, 11935, f/d scene card in 45 days, ms (Philip-BC); 21725, f/d scene/logo card in 34 days (Levy-MS); 25615, f/d Girl in National Costume card in 38 days (Robinson-AUST); 25730, f/d Norwegian Spring Scene card in 29 days, 2 IRC (Greenbauer), in 28 days (Delk-PA).

POLAND: Radio Polonia, 7285, f/d Memorial Hospital card in 135 days (Hesch-NY); 9525, f/d Praga District card in 257 days (Streeter-NY); 9675, same card in 134 days (Fortmann-IL); 15120, same in 129 days (Speer-CA).

PORTUGAL: Radio Portugal, 6250 (card says 6025), f/d Tropical Fish card in 27 days (Pimblett-ALTA); 11925, same card in 55 days along with small sticker (Casavant-PQ); 9575, f/d Old Church cd in 13 days (Ulmer-LA); Adventist World Radio via Sines, 9670, f/d Black/Red listener designed card in 39 days (Wilczek-IL)

ROMANIA: Radio Bucharest, 7195, f/d card in 65 days (Vockeroth-NJ); 11940, f/d card in 59 days (Krist-VA); 15215, f/d card, 65 days (Vockeroth).

SPAIN: Spanish Foreign Radio, 9630 and 11880, f/d cards in an average of a month (Miller-CA, Ross-ONT, Levy-MS, Harrell-IL, Ulmer-LA, Snyder, Grijalva-AZ). Skeds and pennants were also received.

SWEDEN: Radio Sweden, 9695, Do It Yourself card in 14 days (Van-Horn-TX); 15270, same in 13 days (Ulmer-LA).

SWITZERLAND: Swiss Radio, 11775, f/d Studio card in 14 days (Van Horn-TX); 25780, f/d scene card in 24 days, IRC (Audette-MA); Red Cross Radio, 7210, f/d Globe and Earphones card in 3 weeks, 2 IRC (Campbell-CT); United Nations Radio, Geneva, 14500, f/d UN Emblem card in 19 days (Audette-MA). This one is really a UTE, relaying UN Radio from New York (actually Greenville) to Radio Moscow (kap).

VATICAN: Radio Vaticana, 6015, f/d 50th anniversary card in 30 days (Taylor MO), 11845, same in 13 days (Van-Horn-TX), same in 14 days (Delk-PA)

#### ANTARCTICA

LRA-36, Radio Nacional Archangel, 15476, date/freq logo card in 72 days for EE report and 2 IRC (Audette-MA). The correct address is: Ap. Postal 9411, Buenos Aires, ARGENTINA (kap).

## AFRICA

- ANGOLA: Voice of Namibia via Radio Nacional Angola, date only letters in 48 days, 2 IRC (Beaudoin-CT), in 96 days (Pimblett-ALTA). The letters confirm that the site is indeed Luanda, Angola (kap).
- BENIN: ORTB, 4867, date and time card in 81 days for FF report and 2 IRC (Robinson-AUST), 4870, full data montage card in 4 months for SPEEDX Tri-Lingual report and 2 IRC (Seymour-NC).
- CANARY ISLANDS: Radio Exterior de Espana Tenerife Relay, 15365, f/d card with site indicated in 26 days via Madrid (Parks-FL).
- GABON: Africa #1, 11755, no data letter in 55 days for FF report and ms (Kivell-NM); Radio France International via Moyabi relay, 15435, f/d RFI 50th Anniversary cards in 1 month (Seymour-ND, Beaudon-CT, Kapinos)
- GHANA: Ghana Broadcasting Corporation, 3366, f/d Logo card in 40 days (Jones-VA), same in 31 days (Manning-TX), in 83 days, 2 IRC (Robinson-AUSTO; 4915, same in 70 days (Ross-ONT), in 31 days (Manning). Beware of the "pen pal" letters. (kap)
- KENYA: Voice of Kenya, 4934, f/d aerogram in 39 days, IRC (Streeter-NY).
- LIBERIA: ELWA, 4765, f/d card in 153 days, 2 IRC (Manning-TX), same in 210 days (Ross-ONT); 11930, same in 249 days, 3 IRC (Oakley-OR), same in 170 days (Lord-CA). Nice to see ELWA back to sending f/d cards (kap).
- MADAGASCAR: RTV Malagasy, 5010, date only RTV HQ card in 23 days, FF report, 3 IRC (Robinson-AUST); Radio Netherlands Relay, 15220, f/d card in 75 days (Sherwood-MA), same in 1 month (Eicehorn-MI); 15570, f/d card in 30 days (Ross-ONT).
- NAMIBIA: Radio SWA, 4965, f/d card in 96 days, 2 IRC (Audette-MA), same in 117 days (Robinson-AUST), same in 3 months for follow up, 2 IRC (Seymour-NC), same in 111 days, IRC (Streeter-NY). "Face of Namibia" booklets also received.
- NIGERIA: FRCN Ibadan, 6050, f/d form letter in 5 weeks, IRC (Wilkins-CO); Kwara State B. C., 7145, f/d form letter in 40 days, 2 IRC, postage on the envelope was an Italian IRC pasted where the stamp should be (Streeter), Voice of Nigeria, 15120, f/d Remembrance Arcade card in 195 days (Hahn-CA).
- SAO TOME E PRINCIPE, Radio Nacional, 4807, f/d multi lingual form letter in 92 days (Wilczek-IL), same in 126 days, 2 IRC (Beaudoin-CT). Since Africa #1 moved up a few kHz, this one has been heard (kap).
- SEYCHELLES: FEBA, 15200, usual no data map cards in 43 days, 2 IRC (Streeter), in 41 days, 3 IRC (Hill-SC), in 30 days, IRC (Syder).
- SOUTH AFRICA: Radio RSA, 4990, 5980, 9580, 15325, 17750, 17775, 11900, 25790, f/d cards in about 1 month (Wilkins-CO, Vockerth-NJ, Van Horn-TX, Ulmer-LA, Ross-ONT, Hamer-MN, Grishin-ONT, Eichenhorn-MI, Beaudoin-CT).
- TRANSKEI: Capital Radio, 11750, date/freq "Presenters" cards in 75 days, 2 IRC (Murff-NM), in 42 days, 2 IRC (Streeter-NY), in 102 days, 2 IRC (Kivell-NM).
- UGANDA: Radio Uganda, 15325, f/d Studio Building cards in 33 days, 2 IRC (Pimblett-ALTA), in 175 days (Robinson-AUST), 47 days, 2 IRC (Hill-SC). Looks like RU has gotten their act together and verifying reports (kap).
- ZIMBABWE: ZBC Radio 1, 3396, f/d map card in 121 days (Campbell-CT).

## MIDDLE EAST

- EGYPT: Radio Cairo, 9475, f/d card in 83 days, 3 IRC (Christopher-NJ), in 4 months (Zolla-CA), in 102 days (Grishin-ONT); 12000, same in 72 days (Manning-TX). Skeds and calendars also received.
- ISRAEL: I.B.A., 9815, f/d card in 70 days (Ross-ONT).
- KUWAIT: Radio Kuwait, 9840, f/d folder card in 50 days (Ross-ONT); 11675, same in 28 days (Snyder); 15495, same in 13 days, IRC (Kasprzyk-TX); 17650, same in 30 days (Delk-PA).
- LEBANON: King of Hope, 6215, f/d card in 40 days, 2 IRC (Robinson-AUST).
- UNITED ARAB EMIRATES: U. A. E. Radio, 21655, f/d cards in 30 days (Ross-ONT), in 28 days (Snyder).



ASIA

- AZAD KASHMIR: A. K. Radio, 6275, f/d personal letter in 34 days, 3 IRC (Robinson-AUST), v/s is M. Sajjad Ali Sidoiqui.
- BANGLADESH: Radio Bangladesh, 15400, f/d form letter in 25 days along with mag and sked, 2 IRC (Radtke-CA).
- CHINA: Fujian Front Station, 5170, f/d Steel Mill card in 60 days (Ross-ONT); 7850, f/d card in 14 days (Schlesinger-TX); C.P.B.S. II, 9020, f/d card in 50 days (Robinson); Radio Peking, 11600, f/d card in 18 days (Speer-CA); 15120, f/d card in 20 days (Ulmer-LA); 15520, same in 34 days (Delk-PA), in 2 weeks (Grishin-ONT); 17855, same in 20 days (Ulmer-LA); 17860, same in 23 days (Ulmer).
- CYPRUS: Cyprus Broadcasting Corporation, 7230, f/d Map card in 29 days (Wilczek-IL); 7180, same in 38 days (Jones-VA).
- INDIA: All India Radio, 11620, f/d Dilwara Temple card in 35 days (Beadoin CT); 15325, f/d Pageantry Republic Day cd in 49 days (Delk-PA).
- INDONESIA: RRI Sorong, 4875, f/d card in 145 days (Wilczek-IL); RRI-Fakfak, 4790, f/d Indo letter in 3 months for II report, ms, v/s Elsyse Lolowang (Newmann-AZ); RRI-Surakarta, 2439, f/d personal letter in 5!!! days for II report and ms (Robinson-AUST); RRI-Pekanbaru, 5886, f/d II letter in 8½ months for II report and ms (Tait-AUST), same in 3 weeks for II report (Wilkins-CO); RRI-Manokwari, 3427, f/d II letter and pennant in 42 days for II report and ms (Tait); RRI-Yogyakarta, 5068, freq only II letter in 36 days for II report and ms (Robinson); RRI-Panjangkarang, 3396, f/d II/EE letter in 57 days, II report (Robinson-AUST); Voice of Indonesia, 11790, f/d card in 83 days (Pagano-DC), in 92 days, IRC (Krist-VA). Nice showing this months, folks. The Australian connection really hit the jackpot, congrats guys (kap).
- JAPAN: FEN, 6155, date/freq FEN/AFRTS card in 62 days (Kivell-NM); Radio Japan, 15300, 15310, 17755, 21610, date/freq cards is about a month (Audette-MA, Eichenhorn-NI, Hamer-MN, Kapinos, Lobdell-MA, Ulmer-LA).
- KOREA, NORTH: Radio Pyongyang, 9420, f/d Opera card in 23 days, also got pennant and a pack of postcards (Robinson-AUST).
- KOREA, SOUTH: Radio Korea, KBS, 6480, 9720, 11830, 15375, 15575, f/d cards, pennants, skeds, booklets et al in about 1 month (Delk-PA, Flanagan-MA, Miller-CA, Robinson-AUST, Ross-ONT).
- MALAYSIA: RTV Malaysia - Sarawak, 5030, f/d Broadcasting House card in 53 days, IRC (Kasprzyk-TX); 7160, same in 28 days, 2 IRC (Robinson-AUST).
- MONGOLIA: Radio Ulan Bator, 12070, date/frequency Man on Horseback folder card in 107 days (Wilczek-IL), in 133 days (Streeter-NY) (Ross-ONT). Very nice, folks, someday the will answer kap's many reports (kap).
- NEPAL: Radio Nepal, 9589, f/d card and brochure in a total of 1 year and 3 months after a total of 5 follow ups, 2 IRC (Lazarus-LA). Nice, Henry.
- PAKISTAN: Radio Pakistan, 21595, time/freq card and form letter in 13 months for 2 IRC (Lazarus)
- PHILIPPINES: Radio Veritas Asia, 11955, f/d card in 66 days, 2 IRC (Streeter-NY), in 28 days, 3 IRC (Robinson-AUST), in 32 days for monitor report (Miller-CA); 15210, 17775, f/d cards and pennant in 24 days (Delk-PA); Voice of America - Por0, 26000, f/d 40th anniversary card in 20 days (Robinson-AUST).
- TAIWAN: Voice of Free China, 15345, f/d card and goodie pack in 108 days (Audette-MA); 17800, same in 149 days (Krist-VA).
- TURKEY: Voice of Turkey, 9615, f/d Coastal Fortress card in 90 days along with pennant, IRC (Fortmann-IL); 15125, f/d Islamic Play card in 63 days (Robinson); Turkish State Meteorological Service, 6900, date/freq form letter and tourist booklet in 101 days, 2 IRC (Streeter-NY).

USSR

- Radio Kiev, 7165, f/d cards in 74 days (Krist-VA); 15100, in 95 days for 2 IRC (Greenbauer)
- Radio Tashkent, 11785, f/d green and gold card and pennant in 65 days (Krist) same in 2½ months (Grishin-ONT).

Radio Station Peace and Progress, 31 metres, f/d cd in 32 days (Delk-PA).  
Radio Vilnius, 9750, f/d QSL folder in 35 days, sked (Delk).

#### RADIO MOSCOW SITES

Armavir, 5920, f/d card in 75 days (Ross-ONT)  
Ivano-Frankovsk, 7110, f/d card in 60 days (Ross)  
Kiev, 9800, f/d card in 60 days (Ross)  
Komsomolsk on Amur, 12.01, f/d card in 9 wks (Vockeroth-NJ)  
Lvov, 12010, f/d cd in 60 days (Ross), 17.84, 9 weeks (Vockeroth)  
Moscow, 4860 (Ross), 7360 (Ross), 11840 (Harrell-IL), 11980 (Casavant-PQ)  
12010, (Greenbauer)  
Vinnitsa, 11.73, in 9 weeks (Vockeroth).

#### OCEANIA

AUSTRALIA: VLW-9, Perth/Waneroo, 9610, f/d ABC Map Cards in 23 days, 3 IRC (Delk-PA), in 19 days (Levy-MS), in 22 days (Pagano-DC), in 21 days, 2 IRC (Ulmer-LA), in 2 weeks (Vockeroth-NJ). Radio Australia, 9505, f/d Black Swans cd in 22 days (Hamer-MN); 9570, f/d Koalas card in 22 days (Snyder); 15115, f/d Kookaburras cd in 117 days (Hesch-NY); 17795, 15320, same card in 100 days, 4 IRC (Delk-PA); 17795, 21740, f/d Black Swans card in 21 days (Runnels-TX); 21740, same card in 17 days (Van Horn-TX); 21680, f/d Regent Bowerbird card in 35 days, 3 IRC (English-??); 21740, f/d Koalas card in 45 days (Harrell-IL). Well, folks, the good news is that R.A. is again verifying. A little advise from your ed, send a report, get your QSL and then leave them alone for awhile. An IRC would also be a nice gesture. (kap).

COOK ISLANDS: ZK4, Cooks BC Corp., 11750, f/d Man and Conch Shell card in 32 days, 2 IRC (Sharp-FL); same in 18 days (Lord-CA).

GUAM: KTWR, 11840, f/d Antenna Farm card in 15 days, U.S. ms (Snyder); same in 26 days for U.S. ms (Ross-ONT).

NEW CALEDONIA: France Region 3, 7170, date/freq map letter in 102 days, follow up required (Wilczek-IL).

NEW ZEALAND: Radio New Zealand, f/d card, sked and paper pennant in 44 days, 4 IRC (Taylor-MO). RNZ got a lease on life from the NZ government. There still is a strong possibility that they will go off the air, so get those letters out (kap)

PAPUA NEW GUINEA: Radio New Ireland, 3905, f/d letter in 32 days, 2 IRC (Robinson-AUST); NBC Milne Bay, 3360, f/d letter in 63 days for EE report and mint stamps (Tait-AUST).

SOLOMON ISLANDS: S.I.B.S., 5020, f/d Logo card in 37 days, 3 IRC (Christopher-NJ); 9545, same in 24 days, 2 IRC (Snyder); same in 31 days, 2 IRC (Radtke-CA).

#### SOUTH AMERICA

BOLIVIA: Radio Fides, 4845, no data card in 60 days, SS report (Huffaker-MEX); date only card in 20 days, SS rpt, ms (Parks-FL); Radio Pan-americana, 6105, f/d letter and card in 2 months for SS report and ms. v/s Daniel Sanchez Rocha, Sub Director (Neumann-AZ).

BRAZIL: Radio Cultural Do Para, 5045, freq only white card in 90 days for PP report and IRC (Ross-ONT); Radio Aparecida, 9635, f/d Bulding card with EE verie text in 23 days (Wilczek-IL); Radio Bandeirantes, 11925, no data form letter with station pictures in 22 days, PP report and ms (Schlesinger-TX); Radio Bras, 15290, f/d Brasilia at Twilight card in 122 days along with sticker (Robinson-AUST).

COLOMBIA: R. Neiva, 4855, p/d logo card in 90 days, SS rpt, IRC (Ross-ONT); R. Bucaramanga, 4845, date only logo card in 135 days, SS report, 2 IRC (Huffaker-MEX); R. Transamazonica, 6052, f/d letter and prepared card in 7 months for SS report and ms, v/s Guillermo Pulido (Lazarus-LA)

ECUADOR: Radio Iris, 3380, date only letter in 30 days for SS report, v/s J. Antonio Marchan, C., Sub Gerente (Wilczek-IL); La Voz Del Rio Tarqui, 3285, f/d Blue QSL card and personal letter in 2 months for SS report and ms, v/s Alicia Pulla Celleri (Lazarus-LA); Radio Paz y Bien, 4820, f/d form letter and logo card along with pennant in 28 days for SS rpt and ms, v/s Enrique Hesontez g., Gerente (Schlesinger-TX); HD210A, time station, 3.81, f/d sundial card, pennant and sticker in 41 days for ms (Jones-VA); same in 60 days (Taylor-AZ); HCJB, the Voice of the Andes, 9745, 11835, 15115, 15155, 15295, 21477.5, 26020, f/d cards (Casavant-PQ, Christopher-NJ, Delk-PA, Lobdell-MA, Hamer, MN, Ross-ONT, Taylor- MO, Snyder, Vockeroth-NJ). Thanks to John Taylor of St. Louis, MO for sending along a list of back issue QSL cards available from HCJB. Space won't allow publication, send me an SASE and I'll get a copy to you (kap).

GALAPAGOS ISLANDS: L V de Galapagos, 4810, frequency only animals card in 20½ months, SS report and IRC (Seymour-NC).

PARAGUAY: Radio Nacional, 11915, frequency only form letter 36 days after follow up, 298 days total, SS report, 2 IRC (Streeter-NY).

PERU: La Voz de la Selva, 4825, n/d personal letter in 49 days for SS report and ms, v/s Teresa Perez Valera, Secretaria (Parks-FL); Radio Oriente, 6190, f/d personal letter and prepared card 4 weeks after 3rd follow up, total of 1 year, also received pennant, for SS report and ms, v/s Prof. Ricardo Arevalo Flores (Lazarus-LA); Radio Tacna, 9485, date only personal letter in 20 days for SS report and ms, v/s Ing. Alfonso Caceres C. (Lazarus-LA).

SURINAME: Radio Apintie, 5005, f/d letter, sked and pennant in 31 days, EE report (Sharp-FL).

VENEZUELA: Ecos del Torbes, 4980, no data Map card in 99 days for EE rpt and 2 IRC (Pimblett-ATLA); YVTO, time station, frequency only card in 44 days for SS report, ms, frequency is 6100 (Kivell-NM).

#### NORTH AMERICA

CLANDESTINE: Radio Venceramos, 6908, no data letter thanking for report and sked in 5 months for SS report and 2 IRC, v/s Rovaldo Paitues. Some question on actual location, station claims El Salvador, but Nicaragua quite possible, mailing address is Apdo. Postal 7-907, Mexico City (Fisher-MA). Thanks for the info on this, John (kap).

BONAIRE: Radio Netherlands Relay, 6165, f/d card in 13 days (Van Horn-TX); same in 75 days (Ross-ONT); 2715, same in 64 days (Snyder).

CANADA: CFCX-Montreal, 6005, p/d card in 49 days, 3 IRC (Christopher-NJ); CFRX-Toronto, 6070, f/d Maritime Mobile card in 20 days, IRC (Sharp-FL); same in 22 days (Taylor-MO); same in 17 days (Speer-CA); CHNX-Halifax, 6130, f/d "Canada's Ocean Playground" card in 220 days (Pimblett-ATIA); same in 12 days (Beaudoin-CT); in 16 days (Wilczek-IL); CKZU-Vancouver, 6160, date/freq CBC Centre card in 22 days (Wilczek-IL). No RCI.....

COSTA RICA: R. Rumbo, 6075, f/d logo card in 424 days along with tourist brochure for SS report and ms (Schlesinger-TX).

CUBA: Radio Habana Cuba, 9525, f/d card in 158 days (Hahn-CA).

GUATEMALA: TGMUA, AWR, 5980, no data personal letter and pennant in 91 days for EE report, 2 IRC. V/s Albino Ixcot mentions probable move of the station to another Central American country in the near future. (how about one of the islands that's never had a SWBC station) (Pimblett-ATLA), Radio Maya de Barillas, 3325, f/d Indian Workers card in 38 days for SS report and ms (Kivell-NM); Radio Chortis, 3380, no data form letter in 22 days for SS report and ms (Kivell).

HAITI: Station 4VEH, 11835, f/d studios cd in 125 days, 2 IRC (Hill-SC).

HONDURAS: HRVC, 4820, f/d Logo card in 24 days, 2 IRC (Hill-SC); HRRK-La Voz de la Mosquitia, 4910, f/d "index card" QSLs in 38 days, 2 IRC (Hill); in 30 days, SS report, ms (Kivell-NM), in 2 months (Newmann-AZ), in 43 days, SS report (Wilczek-IL), in 5 weeks, ms (Wilkins-CO). Paper pennants were also received.

MEXICO: R. Huayacocotla, 2390, freq only personal letter in 8 weeks for SS report, ms (Wilkins-CO); R. Universidadde San Luis Potosi, 6045, date only person letter in 22 days for SS report and IRC (Parks-FL); XERMX, Radio Mexico, 15430, f/d card in 38 days (Sharp-FL), same in 41 days for IRC (Hill-SC), in 25 days, 2 IRC (Greenbauer).

NICARAGUA: La Voz de Nicaragua, 5950, n/d form letter and pennant in 111 days for SS report and 2 IRC (Kivell-NM).

U.S.A. WRNO, New Orleans, various frequencies, partial data "Charter Listener" certificates in up to 110 days, reported by the following - Baxter-KS, Christopher-NJ, Donahue-CT, Flanagan-MA, Garrett-CA, Kivell-NM, Lazarus-LA, Kapinos, Hansen-NY, Pimblett-ATLA, Casavant-PQ, Robinson-AUST, Seymour -NC, Sharp-FL, Sollman-MO, Stone-ONT, Wimmers-FL. Hope I didn't miss anyone. (kap).... Voice of Free China via Okeechobee, FL, 5985, f/d cards, pennants, pins, books, tapes, etc., various reply times, were reported by the following: Annis-IN, Averill-MA, Fernando-NY, Manning-TX, Wilkins-CO. Note, don't count this as Taiwan, the transmitter is in the U.S.A. and thus, if you're a country counter, you can only use it as U.S.A. (kap), WYFR-Okeechobee, 15364, f/d map card in 90 days (Ross), Voice of America, Greenville, 10235 (SSB feeder), f/d 40th Anniversary card in 33 days (Kephart-MI); 2650, f/d card and sticker in 21 days (Casavant-PQ)

U.S.A. Pirates: Jolly Roger Radio, 6210, f/d letter after follow up on March 1978 reception (Neumann-AZ); Voice of the Pyramids, 15020, f/d letter in 47 days (Hamer-MN).

Whew, that's it. Yes, the KAP OPEN is about to happen. Sunday, 13 June here at 86 S. Quinsig. Easy access to all major highways, we're located just East of Worcester in Central Massachusetts. As always, everyone from rookie to pro is most welcome. Bring your own grog, a \$2.00 donation gets you pick of the grille and some of Mrs. kap's salad. If possible, let me know if you're coming ahead of time so that we can plan how many tons of hot dogs and burgers to prepare. This is the Fourth annual affair, each year is bigger and better, we've somehow managed to make this the premier early summer meet in the East. If you've got any equipment that you want to sell or trade off, bring it along, your surplus might be someone else's need. Hope to see you here. We'll also be in attendance at ANARC-82 in Montreal come the last weekend of July.

I'd like to again mention that Mr. Dario Montferini, Via Davanzati 8, 20158 Milano, ITALY, is looking to swap pennants, stickers and pins. He has some real neat Italian Pirate material that you'll like.

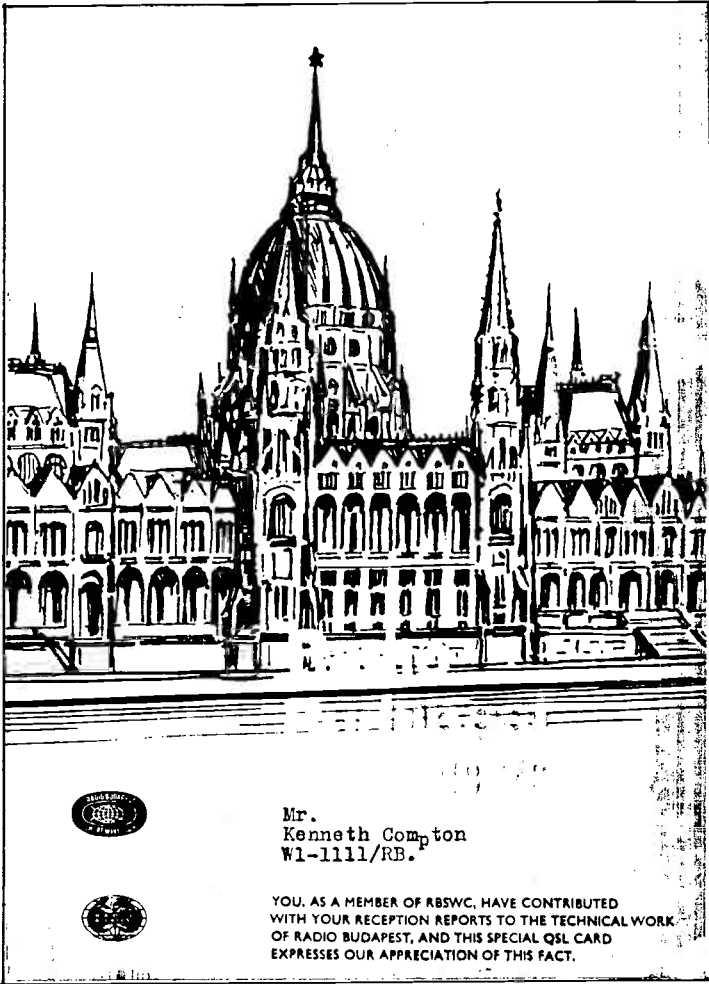
As part of the National Radio Club's 50th Anniversary coming up in 1983, Tom Farmerie, 62 Sunrise, Grafton, MA 01519 is writing a history of Radio Clubs in the U.S.A. Any old timers out there who have any material that could help Tom in his project is urged to contact him. Any material loaned will be returned as soon as possible.

I recently picked up a TRS-80 Level II 16k home computer. If there's anyone out there who has put together a program that is of help to DXing, I'd like to hear from you.

Also, welcome to any former NNRC members who have now joined SPEEDX. Your reports are awaited.

One other thing, and it's Miller time on a beautiful May Saturday for me. We had a turnout of 84 contributors this time around, perhaps a World record for any QSL column in the hobby. Thanks to all of you for making my job easy by contributing. Looks like there won't be any room for any pictures this time around.

BEST, kap 5.15.82

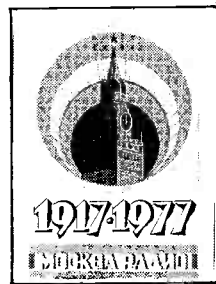


Mr.  
Kenneth Compton  
W1-1111/RB.



YOU, AS A MEMBER OF RBSWC, HAVE CONTRIBUTED WITH YOUR RECEPTION REPORTS TO THE TECHNICAL WORK OF RADIO BUDAPEST, AND THIS SPECIAL QSL CARD EXPRESSES OUR APPRECIATION OF THIS FACT.

Thanks to Ken Compton, and  
Jim McDonald



# Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

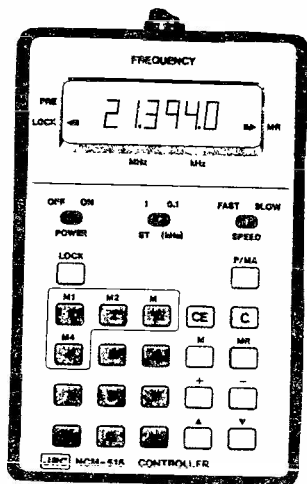
## NCM-515

JAPAN RADIO COMPANY'S NCM-515 FREQUENCY CONTROLLER

by Fred Osterman, OH

Japan Radio Company (JRC) has been a respected name in marine communications for several decades. Recently they have also been involved in radar, satellite navigation systems, commercial communications and industrial/medical electronics. This company has been increasingly involved in the amateur and shortwave listener market as well. Just over a year and a half ago they introduced a general coverage receiver called the NRD-515. It

has become a popular radio with serious shortwave DXers worldwide. I have been using the NRD-515 for one year and have been pleased with its performance. Being primarily a "utility" DXer I was especially attracted to its excellent stability which is so important when listening to CW, RTTY, or FAX. Most NRD-515 owner's would agree that one of the key benefits to using the NRD-515 is its ease of operation. Tuning is simple, fast and absolutely accurate. Additionally there are 24 or 96 channel memories available. With all this tuning convenience I was surprised to learn of something new to make tuning and frequency entry even better and faster!



## NCM-515

a standard calculator keyboard with an audio response tone as well as a six digit LCD display. The unit measures 3 3/4 x 5 1/2 x 1 1/4".

The NCM-515 has several modes of operation:

For keyboard entry of a given frequency simply turn the unit on, press the P/M/A key once (display will show 0.0), and type in the desired frequency in kHz. then press the = key. Sample legal entries would be: "15070.0=" or "15070.=" or 15070.=. Illegal entries will show "E" on the NCM-515 display. In the remote mode you have taken control from the NRD-515 and its MHz. and tuning knob are now inoperative (RIT is still functional). All frequencies on the keypad will also be displayed on the NRD-515. To enter a new frequency simply key it in and press =. There is also an add and subtract function. If you are at 15300.0 kHz and want to move to 18350.0 kHz., simply type: + 3050.0 =.

Whether or not you have the NRD-515's 24 or 96 channel memory unit you will now have the ability to store 4 frequencies in the controller itself! To store the frequency you are presently on, simply press M and either M1 M2 M3 or M4. To recall any of the four memorized frequencies in the future simply press MR followed by M1 M2 M3 or M4. Note that when you turn the NCM-515 off you will not lose the memories, but turning the power off on the NRD-515 receiver will erase the four memories.

There is a LOCK key on the NCM-515 which works exactly the same as the NRD-515's. Press once to lock, again to unlock. The status of the "LOCK" is also shown on the LCD display of the controller.

The most interesting and unexpected feature of the NCM-515 is its ability to automatically tune up or down (slew) at different rates. I found myself enjoying this feature as much as standard keyboard entry! You can slew by 1 kHz. or 100 Hz increments, in either FAST or SLOW modes. The resulting rates of tuning are: 1000 kHz (1 MHz in:

STEP 1	STEP 0.1	
FAST	16 sec.	160 secs.
SLOW	66 sec.	660 secs.

The "SLOW", "STEP 0.1" is nice for just "scanning" across the band. The keyboard input combined with the 4 tuning rates essentially eliminates any need (or desire!) to tune manually.

The NCM-515 also provides a very fast and efficient means to program your 24 or 96 ch. outboard memories! In summary I am sure every NRD-515 owner (present and future) will want to add this convenience to their listening post.

While in Dayton I talked to the Japanese engineer who designed the NCM-515. He felt it should be available in the US by June. A price has not yet been established for this product.



## ANTENNA REVIEW

A USER'S REVIEW. . . E.O.C. ANTENNA AND BOOSTER  
by John M. Kapinos

Nestled among all the other ads in the 1982 World Radio TV Handbook was one for a most interesting product, the E.O.C. Antenna and Booster made by Electronic Overseas Corporation, Inc., 214 E. Franklin Avenue, Midland Park, NJ 07432. The price, at \$23.95 post-paid in the U.S., made me perk up, as with my work with HAP-USA we are always on the lookout for items which can be put to use by those who cannot for one reason or another string up a nice outdoor long wire.

After some brief correspondence with Mr. Alexandre Bellotti, President of EOC, Inc., the unit arrived and was hooked up to my FRG-7. Installation takes but a minute or so, one wire to the receiver antenna input and the other to receiver ground, plug it into a convenient wall socket and it's ready to go. The unit is of straight forward construction, a solid state broadband amplifier, a built in AC Power supply (no need for an AC adaptor) and a 63½ telescoping whip antenna, along with an on/off switch.

I found performance excellent, with results only slightly under my 85 foot long wire which is 30 feet above ground. The specification sheet calls for highest gain at 10 MHz, but I found performance from 6Q to 19 meters to be superb. One of the better catches was Radio Atlantida, Peru, on 4790 kHz, not exactly a powerhouse here in the Northeast.

For further testing, the unit was loaned to fellow SPEEDXer Linda Sherwood. Lin is located in an apartment house that does not allow any type of outdoor antennas. Hooked up to her DX-160 she is able to hear a multitude of previously unreceivable Latins on 60 meters and is experiencing most satisfactory results throughout the entire shortwave spectrum, including good reception of HCJB's 100 watter on 26020 kiz. She's so happy with it that I'll probably have to send the militia out to repossess it should I decide that I want it back.

All in all, a fine buy for the money. Results are very favorable compared to units costing 4 times as much. For further information, send an SASE to Mr. Bellotti at EOC. Tell him that you read about it in SPEEDX. Also, Mr. Bellotti has graciously offered a special discount for HAP-USA members only. Details on this discount can be obtained from me.



## TINKERING

FUN WITH FILTERS AND SSB  
by Tony Kobylski, MD

Here is just a few notes from one receiver tinkerer to another. I found that the 6.0 kHz filter supplied in the Yaesu FRG-7 receiver of mine was just a little too big for me. So like any other enterprising young DXer with a communications background I wrote to Yaesu and asked what other filters were available. I chose one that would give me a 2.5 kHz bandwidth.

So with idea in mind and soldering iron in hand I went to work and built a switching unit that would give me selectable bandwidth. I installed the platform I had just

assembled in some empty space in the receiver, and in the FRG-7 there is plenty if you don't have the battery pack installed. I then proceeded to remove the record jack from the front panel and mount it in the back of the chassis. With this done I installed a double pole double throw switch in the remaining hole, and wired up the whole works. I then struck out to find something to listen to on my receiver with its new selectable bandwidth.

I thought I was all set then I was aghast to find out that I had a receiver with about a 30 kHz bandwidth. It seems that the signals were ignoring the switch and the filters were doing their own thing in a very strange way. I then did some research and found that diode switching would be required and I did not really want to get involved with that technology so I just put the 2.5 kHz filter in the unit on the circuit board where the original filter was.

Well I felt like I was in DXers heaven until I tried to tune some amateur stations in the 20 meter Ham band. Again I was aghast with personal disgust. I could not tune any voice stations on either sideband above about 10 MHz. I went again back to the books to see what terrible mistake I had made. I had to consult a good friend and long time Ham operator, Al Brogdon, K3KMO. Together we found that the BFO was out of adjustment. It was not falling inside the new smaller IF bandwidth. The receiver was evidently misaligned since the day I bought it since I was receiving all SSB traffic on the USB. It was then a simple matter locate the BFO components and make the adjustment. It was T7 in my unit that had to be fiddled with. The method Al explained to me was to disconnect the antenna and switch from USB to LSB and the audio change should be negligible, you should hear the same sound on either sideband with no station tuned. We then sought out an AM station to check things out with. We were able to tune each of the individual sidebands of the station thus proving that we were correct with the adjustment. So that is my little tale of fun with filters and SSB. I hope it may be of some help to some of you other tinkers.

## BOOK REVIEW

RTTY PRESS FREQUENCIES

by Fred Osterman, OH

The main attraction to most RTTY listeners is tuning the various international press frequencies. The only frustration is they are often hard to find! To help us in our plight the third printing of World Press Service Frequencies by Thomas P. Harrington W8OMV is hot off the press and filled with valuable information for the RTTY buff. The book is specifically designed for the RTTY SWLer and concentrates on ENGLISH press broadcasts. Over 65 news and press services, worldwide are covered. The book is organized into the following chapters:

CHAPTER 1. How to Use These Frequency Lists: This is a valuable chapter and serves as an introduction to the book. It covers time zones, transmission speeds, transmission shifts, and other terms which will be helpful to the beginner.

CHAPTER 2. Equipment: This section begins by discussing tuners, antennas and receivers as they relate to RTTY listening. The chapter continues with an analysis of available RTTY terminal units including both the video type and the self-contained "readers".

CHAPTER 3. Sources for RTTY Equipment: Chapter 3 is filled with addresses to contact to obtain information on RTTY equipment. At the end of the chapter there is a brief, but interesting discussion of "Common Reception Problems" by Eric Kern. This short piece reviews various propagation effects and their impact on RTTY reception.

CHAPTER 4.1. RTTY World Press Services Stations Listed by Time: This is the primary chapter in the book. The author has organized all available receptions into a list sorted by time. It starts with 0000 GMT and lists all English Press transmissions heard at that time giving frequency, shift/speed, service name, and location. The next time indicated is 0015 and so forth in 15 minute increments to 2345. This section has over 600 entries. You can sit down any time of day and know what English RTTY Press transmissions are available!

CHAPTER 4.2. RTTY World Press Service Stations Listed by Frequency: As you might guess this section has all the press stations listed in frequency order. Each entry includes freq., shift/speed, service, location/remarks (GMT).

CHAPTER 4.3. Press Services Listed by Country: If a key story breaks in a particular country, a quick look in this section will let you know where to tune. Each entry includes country, service and all monitored frequencies. The author included a little bonus tucked away at the end of this chapter. It is a list of CW Press stations. Yes, a few stations do transmit press in morse code. A list of such stations is included; sorted by time of transmission.

CHAPTER 5. Abbreviations of World News Services: Unless you were born knowing that MENA stands for Middle East News Agency or that SAPORETTI stands for the Argentine News



Agency, this chapter will help you. Sixty common RTTY abbreviations are covered.

CHAPTER 6.1. Information on Radioteletype Reception: The many factors affecting radio propagation are discussed in this section. Some good ideas for the beginning RTTY listener are also covered. Many stations which "sound" like RTTY cannot be "decoded". Author, Tom Harrington concludes this chapter with an explanation of this.

CHAPTER 6.2. Sources of Other Radioteletype Lists: This section lists other publications such as IDXCSO, SPEEDX, ASWLC which contain information of interest to the RTTY DXer. (Note the Newark News Radio Club is listed but has "gone under" since time of printing). The remaining pages briefly cover other types of services beyond press, that utilize HF RTTY channels. A few blank logging pages are thoughtfully provided to note your own catches. The author closes by mentioning that updates are available and that he is anxious to know of English Press loggings not noted in the book!

This softbound book is available for \$7.95 + \$.50 postage from: Universal Electronics, Inc., 1280 Aida Drive, Dept. F4, Reynoldsburg, OH 43068.

## STATION REVIEW

NMA: RADIO STATION MIAMI

by Bernard Wimmer, Jr., FL

Anyone who listens to Coast Guard operations cannot but help hear Radio Station Miami working aircraft and ships of the Coast Guard and other vessels. Radio Station Miami (RADSTA Miami) is located in Dade County, FL, approximately 20 miles south of downtown Miami. The RADSTA is located on a 250 acre segment of the former Richmond Naval Air Station. RADSTA Miami was established in the early 1940's and moved into their present operations building in 1964. There are 30 personnel assigned to the RADSTA, 28 enlisted and 2 officers.

RADSTA Miami is a vital part of the Atlantic Area communications for the Gulf of Mexico, Caribbean, and the North, South, and East regions of the United States. Due to the favorable location of RADSTA Miami, it is often able to provide communications services to vessels off the central and northern coasts of the U.S. who are not far enough offshore to receive support from COMSTA Portsmouth or Boston.

Radio Station Miami also provides medium range air-to-ground support for Coast Guard aircraft in the Florida and adjacent Search and Rescue Sectors.

RADSTA Miami also maintains a continuous watch on the 500 kHz distress frequency and makes both scheduled and unscheduled broadcasts.

RADSTA Miami does not listen on 2182 kHz as Coast Guard Station Miami Beach has the responsibility for 2 MHz operations.

The station is divided into two areas, the operations and receiving building and the transmitter building. Ten antennas are used to receiving, ranging from a rotatable log periodic to a homemade dipole antenna fo5 5 and 8 MHz.

The transmitter site is about 1/2 mile from the operations building and includes 6 HF and 2 MW transmitters. The transmitters are remotely controlled from the operations building and can be tuned in seconds. For transmitting there are 9 antennas which includes a 300 foot guyed tower as the 500 kHz antenna.

The operations building contains offices, a recreation room, and the radio room. The radio room has 4 positions, each with Collins 651 receivers. The positions are: Air-to-Ground with 5 receivers; Ship-to-Shore position with 6 receivers; 500 kHz with 6 receivers; and the Supervisor Position with 2 receivers.

At this time a major reconstruction project is in progress which will further increase the capability and responsibilities of RADSTA Miami.

For those of you wanting a QSL card, the address is USCG Radio Station Miami, 16001 S.W. 117 Ave., Miami, FL 33177.

I'd like to thank the Commanding Officer, LCDR Wetters, for permission to tour the station and ETC Benson for arranging and conducting the tour.

WRITERS NEEDED: This column is in need of several editorial assistants who can be counted on each month to do one of several regular features. Tips and Topics needs someone who can write reviews of various radio stations, someone who would be open to interviewing various shortwave personalities, as well as someone who could research and review various books about our hobby. In addition, if you have an idea for a regular feature, please contact me. And lastly, let me just say that anyone can write an article. It is only you, the membership, who can make this an interesting and informative column.

## TIDBITS

CLANDESTINE CLUB: Darren S. Leno is now editing a new club devoted to Pirates and Clandestine radio stations. His organization is called the Association of Clandestine Enthusiasts. Dues are \$6.95 and can be sent to A. C. E., P.O. Box 452, Moorhead, MI 56560. (Via A.C.E.)

RADIO FREE KABUL' EXPANDS: Opponents of Soviet intervention in Afghanistan are broadening a network of radio transmitters beaming underground political programs to Afghan citizens and Soviet troops, an organizer of the broadcasts said a few weeks ago. Low-powered, mobile transmitters are being operated inside Afghanistan by Afghan rebels using recored tapes sent in from outside the country. Station operators transmit some of their programs on frequencies used by Soviet entertainment programs and communications among Soviet tanks and helicopters. (York Daily Record, May 3, 1982 via John H. Demmitt, PA)

RECEIVER REVIEW ARTICLE: The February 1982 issue of Radio and Electronics World concluded a 3 part article called "The Big Match: FRG-7700 vs. R-1000," Included are diagrams to change the R-1000's dimmer switch and tone control into NBFM mode switch and squelch control respectively. The article concluded that there was no detectable difference between the two and preferences come down to a personal choice. The add on accessories will probably favor the Yaesu. This monthly magazine also carries a feature called "Short-wave News For DX Listener's." I got my back issues for one pound each. Subscriptions are 10.50 pounds. Write two: Radio and Electronics World, 117a High Street, Brentwood, Essex, CM14 5YE, U.K. (Ken Wong, Canada)

RADIO WEST IS BACK: ANARC Newsletter for Mar./Apr. 1982 (p.12) reports that Grant Manning is again in business at his original stand. Address: Radio West, 3417 Purer Rd, Escondido, CA 92025 USA. (Dave Maxfield, MI)

NEW COMPANY: Galaxy Electronics offers a wide variety of shortwave receivers, accessories, scanners and directories. Their address is: Box 1202, Akron, OH 44309. (Direct via Robert Leary, OH)

ARGENTINIAN "TOKYO ROSE" BROADCASTING TO BRITISH: An Argentine counterpart of Tokyo Rose has taken to the air to tell the men of the British fleet how much happier they would be back home instead of in the South Atlantic. "Argentine Annie" is a soft-voiced woman who speaks perfect English and intersperses her remarks with recorded songs about death. She is presently broadcasting on the 16 meter ham band. (Wilder A. Pickard IL)

ANTI-RED RADIO SILENCED: For two years, "Radio Alpha" beamed a half hour broad-

cast nightly to Cuba, mingling anti-Castro propaganda with ads urging counter-revolutionary attacks. Then the U.S. government pulled the plug. Alpha 66, a militant organization of exiles urging the overthrow of Cuban President Fidel Castro, used a bulky Army surplus transmitter of World War II vintage in three secret Miami locations. Occasionally the broadcasts would go out over the airwaves through a modern 66 foot antenna. At other times it would originate from a wire stretched taut over the roof of a suburban Miami home, strung between a television antenna mast and a tree. But two weeks ago, the FCC stepped in to silence the Voice of Alpha 66. Levying Fines of \$2,250 and issuing stern warnings of jail, the FCC said the transmitter was not licensed. Radio Alpha transmitted from the three Miami sites to keep interference with neighbors' TV and radio sets to a minimum. Diego Medina, a physician who serves as Alpha's spokesman, told The Miami Herald. The anti-Castro messages were broadcast each evening from 9 to 9:30. Medina, 49, wrote the broadcasts and recorded them at Alpha headquarters in the Latin section of Miami. The ads asked listeners to act to sabotage the Castro regime. Listeners were told to set fire to sugar cane fields, tobacco curing houses and anywhere else it would hurt the Castro regime. One commercial said, "The most beautiful sight that can be observed in a tobacco growing zone is a curing house full of tobacco-- and burning away like a torch. . .If the Russians want cigars, let them grow (tobacco) themselves. But Abruptly the broadcasts ended when US amateur radio operators and the Cuban government complained. The FCC sent engineers to the broadcast sites and found the transmitter to be without an operating license. Each of the three residents of homes where the broadcasts had taken place were fined \$750 and told not to transmit again. (Passaic-Clifton Herald News, April 6, 1982, via Craig Mellinger, NJ)

CUTTING YOUR OWN THROAT DEPARTMENT: WHO radio, where President Reagan began his broadcasting career in the 1930s may be the first casualty in a radio war between Cuba and the US. The Reagan administration is planning to build a radio station, named Radio Marti after a Cuban patriot, to beam news and propaganda to Cuba. It will broadcast on the same channel as WHO. Cuba has threatened to build a 500 kilowatt station, 10 times as powerful, on the same frequency to drown out the US broadcasts. WHO said the Cuban station would wipe out the station's sports and call-in programs in the Southeastern US, a section jammed with a loyal following of listeners and University of Iowa sports fans. WHO is a clear channel 50,000 watt station founded in the 1920s. (John Demmitt, OA)

MORE FUNDS ARE SOUGHT FOR VOA: The ICA, saying that the US was "waging a war of ideas with our adversaries," asked for more funds today for broadcasts to the Caribbean, Asia and Africa. Charles Z. Wick, the information agency's chairman said he was seeking an increase of \$161.7 million in agency funding over the \$482.3 million requested in March. The total fiscal 1983 budget request is now \$644 million compared to \$489 million for fiscal 1982. Mr. Wick said there was a serious gap between the time the Soviet and the US devoted to broadcasts beamed abroad. He put Moscow's broadcasts at 2000 hours a week compared with the 952 hours weekly planned by the VOA. Efforts are now under way by the VOA to complete new relay stations in Botswana and Sri Lanka for broadcasts beamed to Africa and Asia. Mr. Wicks also said there was also an urgent need for mediumwave stations to reach the Caribbean Basin and Central America to counter Cuban and Soviet broadcasts. (New York Times, April 20, 1982 via Ruth Hesch, NY)

NEW ATTACHMENT FOR THE R-390A: I want to pass along some information on a new attachment to use on the R-390 and R-390A receivers. It's for SSB, CW, and RTTY. Can't verify the RTTY as that part of my shack is down just now, but I find the unit is very good on SSB. What makes it so handy is the small size. Mine was sent to me in a heavy duty envelope, about standard letter size for 40¢ first class mail. The unit is solid state, and 'potted' and is mounted on one of the terminal strips on the rear of the set with one lead to the other strip. It took me more time to get at the back of my R-390A and put it back in place than it did to attach it to the receiver. There is no outside power supply. I find it much easier to receive SSB with the unit than it is to either follow the manual instructions for the receiver or to use the outboard SSB attachments made by MATERIAL SERVICE CORP. I had been using. I just ordered another one for use on my R-390. It can be ordered for \$30.60 from G. B. Communications, 963 Birch Bay Lyndon Road, Lynden WA 98264. Literature sent with my unit says they are working on (still on the drawing board) frequency converters to extend the range of the receiver to 230 MHz; and they have a working prototype of a narrow band FM unit with literature available soon. If a person wants to order in quantity as a dealer, the price is \$25.00 but they did not tell me how many would have to be ordered to get this price. (Paul Gunn, IL)

COURT LIMITS RADIO'S RANGE: The US Court of Appeals has upheld a regulatory decision to limit the range of the nation's most powerful AM radio stations. The court said there was no evidence the FCC had abused its discretion or acted in an arbitrary manner when it decided in June 1980 to begin breaking down the last of

what are known as "clear channel" frequencies. Before its 1980 decision, the FCC had maintained clear channels on the AM radio dial for a small group of "Class 1-A" stations—the only AM stations allowed to broadcast at night in all directions using the maximum 50 kw of power. The designation clear channel stemmed from the fact the FCC kept the radio frequency "clear" by refusing to license any other station on the frequency that could cause interference. Clear channel protection was established in the days when millions of Americans in rural areas had no access to their own local stations. (John H. Demmitt, PA)

ARTICLES OF INTEREST: In the last few months T & T has received many articles too large to publish. Most come from major newspapers and magazines. Therefore, here is a listing of some very interesting articles you may be able to locate in your local library. First, I have received three articles about ELF radio waves. These are extremely low frequency radio waves that will enable the navy to broadcast to submarines under water. They are "Making Giant Waves for Subs in the Deep," Technology Magazine, January 1982; "US to Build a Scaled-Back Radio System For Sending ELF Signals to Submarines," San Antonio Express-News, October 25, 1981 via Jim Boehm, TX; "ELF Communication's System," Discover Magazine, Dec., 1981 via Harold H. Jarrigler, GA. I also received three articles about shortwave in the Soviet Union. They are "Why Radio Moscow is Winning the dB War," Radio Electronics, Dec., 1981 via Ruth Hesch; "Electronic Ears Sprout Atop Soviet Embassy," New York Times, Dec., 11, 1981 via David L. Claytor, MI; "Inside Radio Moscow," World Press Review, December 1981 via David Claytor. Next we list two articles about the BBC monitoring service. "Monitoring Service of BBC Eavesdrops on Half the World," The Harrisburg Patriot, January 4, 1982 via Larry Wagner, PA; "BBC Eavesdrops on the World," Chicago Tribune, January 4, 1982 via Wilder A. Pickard II, IL. Shortwave in the United States has produced many interesting views. Here are several. "N.O. Ears are Tuning in to the World," The Times Picayune, March 9, 1982; "What the VOA Makes of America," Harper's, May, 1982 via Dave Claytor, MI. WRNO is discussed in "Rock 'n Roll Takes Over the Dial," The Calgary Herald, March 25, 1982, via Ron Seiler, Canada. And lastly John H. Demmitt in Pennsylvania has sent in an interesting article about the use of satellites for the direct broadcast of overseas transmissions for VOA and RL/RFE in a recent issue of Broadcasting Magazine.  
Have a nice June. 73's, *Arthur Hesch*

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INDEX

KEYNOTES.....	KEN EATON	2
PROGRAM PANORAMA.....	WOODY SEYMOUR	5
TECHNICAL TOPICS.....	SANDY BLAIZE	7
PUBLISHERS PAGE.....	JOHN TRAUTSCHOLD	8
SWEC EUROPE.....	TERRY LINDLEY	10
AFRICA.....	MIKE NIKOLICH	15
ASIA/OCEANIA.....	TOM SCOTT	20
STATTON SKEDS.....	CHRIS LOBBELL	26
UTILITY SCENE.....	MIKE CHABAK	29
QSL REPORTS.....	JOHN KAPINOS	38
TIPS & TOPICS.....	ART GETZEL	46
COVER DESIGN FOR JUNE:	JIM POGUE-GUNM	

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