

# SPEEDX

**SPEEDX**

the dx radio magazine  
for active shortwave listeners

APRIL SHOWERS -----



bring dx flowers (QSL's?)

APRIL 1982

VOL 12 NO 4



# 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 SAYS 'CHEERS' TO FIVE BRAND-NEW FULL MEMBERS!

ELIZABETH AVERILL  
Wareham, MA  
VIRGIL CARLSON  
Lyndon, WA

MICHAEL ROBINSON  
Victoria, Canada  
TED SHEVCHENKO  
Vancouver, Canada

ULRIC DUGUAY  
Orange, MA

That old English toast has been truly earned by these five SPEEDXers who have served us all, as well as themselves, through their efforts in behalf of our organization. As Full Members of SPEEDX, you may now proudly display your Membership Certificate on the wall of your shack for all to see. Study your copy of the SPEEDX Constitution and keep on feeding those reports to this, your magazine! Good luck to our new Friendly Five.

## SPEEDX WELCOMES 32 ASSOCIATE MEMBERS, INCLUDING NINE RETURNEES!

ROGER PINNAU  
Kingsville, TX

WALTER BREVILLE  
St. Louis, MO

KEN WONG  
Burnaby, Canada

PETER HAARMSMA  
Gardena, CA

SCOTT SNYDER  
Camillus, NY

ROBERT GORDON  
Newbury Park, CA

GEORGE BIGLEY  
Houston, TX

STEPHEN LINSCOME  
Baytown, TX

BRAD HULCE  
Montague, MI

KENNETH COMPTON  
Brighton, MA

WILLIAM UPTON-KNITTLE JR  
Glendale, CA

RICHARD HARRELL  
Hooperston, IL

JOHN TAYLOR  
St. Louis, MO

JOSEPH GAFFNEY  
Somonauk, IL

MASAHICO TANAKA  
Saitama, Japan

SIDNEY FRANKLIN JR.  
Carmel, CA

DAVID SHARP  
Lutz, FL

PAUL BATUTIS  
Athol, MA

JACK BRISTOLL  
Paso Robles, CA

EDWIN GIBSON  
Indianapolis, IN

CH(LTC)E.R. FLYNN  
APO San Francisco, CA

PHILLIP NOLDEN  
Ridgefield, CT

STEPHEN SIPOS  
Waukegan, IL

JAMES DAVIDSON  
Odessa, TX

ERIK PRATT  
Sacramento, CA

JOSEPH GOSSMAN  
Raleigh, NC

MIKE CHAMBERLAIN  
Grand Bay, Canada

JOHN DELK  
Carlisle Bks., PA

JAMES HOOPER  
Buena Park, CA

RALPH ROSERE  
Dartmouth, Canada

JAMES MAHER  
Venice, CA

EDWARD R. SIROVY  
Westmont, IL

All but nine of you have just seen your name printed in SPEEDX for the very first time! The next time you see it in this publication, you'll find in under the list of "Contributors" in the back. That time will be far more important for it will show that you are moving toward Full Membership by sending in loggings and items of interest to SPEEDXers. Look through this issue carefully and you'll find the name and address of the Editor of each section at its top. The deadline for receiving copy is the 12th of the month. If you want to save postage (and at today's prices who doesn't) you can send all your contributions to our Central Distributing Editor, Peggy Thompson, 2706 Alabama, La Crescenta, CA 91294, by the 7th of each month. You've taken "step one" towards Full Membership. Now get the lead out, and your loggings in.

## LOST YOUR 'ABBREVIATION LIST'?

Write for one to: Don Johnson, P.O. Box "E", Lake Elsinore, CA 92530

## HAIL TO THE CHIEF: (OUR VERY OWN, THE! IS)

That most august body, our SPEEDX Board of Directors, has displayed its undoubted wisdom by electing as President our Publisher, John R. Trautschold. John, a.k.a. The Menomonee Falls Flash, already has proven himself in that position and has devoted many years of productive service to the Club. As he awaits Co-Publisher Kathy's deliverance of a new generation of Trautscholds, he is mulling the selection of a Vice President and soon will announce the name and duties of that Officer. Good luck to the two and a fraction Trautscholds!

## PUBLISHER SAYS, 'WATCH YOUR LABEL'

As announced last month, the SPEEDX Mailing List has been computerized and as with all computerization the rule now is "G-I-G-O". Not that anyone wants to put "garbage in", but in entering the SPEEDX material, such things can happen. Ergo, it's up to you to carefully check the mailing label on this issue to see if your name, address, and any other material on it are correct. If you find any error, please explain and correct it in writing to: John Trautschold, P.O. Box 861, Menomonee Falls, WI 53051

## ATTENTION - ATENCIÓN - ATENÇÃO - ACHTUNG - ATENZIONE - and WRITE!

Radio New Zealand will soon be off the air, according to DX expert Arthur Cushen of Invercargill, N.Z. In the 12 March Media Network program on Radio Nederlands, as reported by Rick Lucas, Stockton, CA, Arthur explained that the government was unwilling to spend the \$200,000 for the short wave broadcasts. He pointed out that RNZ was off the air for five weeks about four years ago and as the result of protests from listeners, worldwide, the government reinstated the station. "It is obvious that the new Minister of Foreign Affairs is not prepared to grant the \$200,000 necessary to keep Radio New Zealand Short Wave on the air, and it will be terminated very shortly", Arthur said in conclusion. Jonathon Marks wound up by saying, "Well, if you have comments on that news, Arthur says you are welcome to this address: The Prime Minister's Office, House of Representatives, Wellington, New Zealand." Those of you who missed that broadcast now have the story, and a sad one it is! KEYNOTES asks, no, urges you to write your opinions to the Prime Minister. Most of the countries are now in a financial bind, but we'd hate to see a good station like RNZ go down the tubes!

## RADIO RSA SEEKING MONITORS

The Voice of South Africa, Radio RSA, is looking for new members for its Monitoring Panel, according to new SPEEDXer John Taylor of St. Louis. If you can devote a few hours each month to monitoring Radio RSA and supplying reception information to its engineers, the station will pay your postage and send you an informative newsletter regularly. If you're interested, write: Monitoring Panel, Radio RSA, P.O. Box 6, Honeydew 2040, Transvaal, South Africa. Try it -- you might like it!

## WRNO CARRIES HAUSER'S 'WORLD OF RADIO'

The ubiquitous voice of Glenn Hauser can now be heard on WRNO Worldwide as he brings his "World of Radio" to an American Shortwave station. For the M-82 season, the show is aired on Sundays at 2330-2400 GMT on 11955 kHz, and repeated Tuesdays at 1900-1930 on 1540 kHz. Formerly carried only on domestic stations, "World of Radio" offers station profiles, advance program-listening suggestions, listener comments, and news of developments in all-band communications. Write to Glenn at Box 6287, Knoxville, TN 37914-0287 with your comments on this interesting program.

## NORTHERN LIGHTS DX CLUB SMALL BUT GROWING

The year-old Northern Lights DX Club is run by young people and is for that age group, basically, but it welcomes DXers of any age and now has several "adult" members. Steadily growing, it publishes a monthly bulletin, "The DX Forum", which includes columns on Logging, QSLs, Programming, and hunting for pirate stations. Yearly dues are \$8 and a sample copy costs \$1. Write to The Northern Lights DX Club, c/o Todd E. Buegler, 5509 Brookview Ave. S., Edina, MN 55424.

## WHO ARE THE SPEEDXERS IN MARITIME CANADA?

New member Mike Chamberlain wants to get in touch with DXers in the Maritime Provinces to exchange info on what can be heard in Eastern Canada. Write him at: 206 Germain St., St. John, New Brunswick, Canada E0G1W0. He says, "It's lonely up here! And cold too!" Give him some help!



### MAN BITES DOG? NO, PUBLISHER THANKS PRINTER!

For more than 2½ years, SPEEDX magazine has been printed by Kwik Kopy in Menomonee Falls, WI. Our cooperative printer has been Frank Rosenbecker from the start. Now Frank has retired and sold his business to John and Sue who now purvey printing from the same old stand. Frank's daughter, Marlene, has been handling the job for the past year and, happily, she's staying on. Our thanks to Frank, and to John and Sue for the way they've taken over. SPEEDX hopes to stay with the fine folks at Kwik Kopy for a long time to come. Thus saith our Publisher, John Trautschold.

### MOVIE COSTS GOT YOU DOWN? HERE'S AN EASY OUT

Larry Garrett of Whittier, CA has beat the costs of going to the movies. He tunes in "Talk Track" on the Solomon Islands Broadcasting Corp. programming 0715-0730 GMT on 9545 or 5020 kHz on Tuesdays to hear bits of the sound track from movies playing the Point Cruz Theatre way out there. Seems to us that he's doing it the hard way, but what the hay!

### YOU, TOO, CAN HAVE AN AFRTS SW SKED

A card from SPEEDXer T. Van Beurden in Sacramento, CA tells us the way to get an AFRTS sked is to write: AFRTS, 1016 N. McCadden Pl., Hollywood, CA 90038. Leastways that what the guy in charge of those skeds told him!

### LOGGED ANY GOOD YUGOSLAVS LATELY?

If you've heard R. Beograd on 9505 or 7200 kHz recently, please contact Zeljko Gagas, 30-27 34th St., New York, NY 11103. He'd like to know your receiver, antenna, and reception conditions in your area. He's equally interested in your reception of R. Sarajevo, R. Titograd, & R. Zagreb on 7240, 9620, 11735, and 6100 kHz. Caught 'em? Write him!

### CASSETTES MAKE A LOT OF SENSE -- FINALLY!

There's a new radio magazine on the market. Well, it's not a magazine in the usual sense; it's a 60 minute cassette--which should fit neatly into the HAP program. A bi-monthly, called "Radiovoice", it features station skeds, programming notes, equipment reviews, articles and stories, and SW, MW, and VHF monitoring news. Also planned is a Station Spotlight to give info and off-air recordings of the selected station. There'll be a section for Club News and subscriber contributions are invited, according to Production Manager James D. Tedford. Now available is a 1st sample issue for US\$1.50 (payable to Tedford) or six I.R.C.s overseas. The year's six issues cost \$13.00 in NA, discounted to \$10 for the handicapped. QTH is Radiovoice, P.O. Box 6045, Grand Rapids, MI 49506. A sound idea, no?

### GALAXY ELECTRONICS OFFERS SCANNER & SW DISCOUNTS

SPEEDXer Robert Leary of Galaxy Electronics sent us their latest catalog featuring Sony, Yaesu, Kenwood, Bearcat and Regency products. The discount costs include shipping. For a catalog, write Bob at Galaxy Electronics, P.O. Box 1202, Akron, Ohio 44309.

### NEW YORKERS FIND SW BARGAINS IN PHOTO SHOPS

According to clippings from the New York papers, sent in by SPEEDXer Morris Pfeffer of that city, both 47th St. Photo and Executive Photo & Supply are offering good buys in SW equipment. Our C.D. Editor, Peggy Thompson, has done mail-order business with 47th St. Photo and has "never been disappointed". Get a N.Y. paper, find a bargain!

### FROM SONY--A TOP-FLIGHT SW LISTENER'S GUIDE!

Via Don Johnson, from SPEEDXer Jon Strom, Sony's Mgr., Consumer Audio Product Planning, comes the brand-new "Sony Directory of World Band Radio", an invaluable aid to the novice SWL and mighty handy for the "old pros", too! Written, in the main, by DXpert Glenn Hauser, this 128-page mine of SW information is a masterpiece of brevity without loss of content. It covers International Time, a Directory of English-speaking stations targeted on NA by country and time, News by time, Topic (including DX programs) by day & time, Station Guide by day & time, Listening Tips by country, UTEs, Guide to Frqs above 5900 kHz (in four time blocks), Radio Spectrum, SW Bcst Bands with freq ranges, SW Propagation, Antennas, DXing, Contacting Stations, a Glossary, List of Associations & Clubs, and ten logging pages! This gem is available from Sony SW Retail Outlets for \$7.95 and, in our opinion, it should sell like hot cakes. As with all such books, it's automatically dated--but it's the best of its kind we've seen. This review copy is going to work for us, right now! 73, *Born*

# PROGRAM

APRIL 1982

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

# PANORAMA

GERMANY...Listeners in North America are now able to hear first hand views from both sides of the Wall in the "Divided City" of Berlin. Radio Berlin International (from the East) has a Saturday feature entitled DATELINE BERLIN. It is heard each week following NEWS AND VIEWS OF THE WORLD PEACE MOVEMENT and GDR REPORT during RBI's Sat transmissions to North America (Sun GMT) at 0100, 0230, 0330 and 0630 GMT.....Deutsche Welle (from the West) has LETTER FROM BERLIN alternating with LETTER FROM BONN in its Sunday night (Mon GMT) lineup to North America at 0100 and 0500 GMT. Tune in these programs to hear some different perspectives from Berlin. (Kraig Krist, VA & Randy Moss, CA)

ITALY...RAI has completely revamped its shortwave programming, but, unfortunately for English-speaking listeners, the changes do not mean an increase in non-Italian programming. What RAI has done is to organize its Italian programs into several "Grand Themes": IN THE COURSE OF HISTORY, THE LITERARY LIFE, TRY AND TRY AGAIN (Science), SPOT-LIGHT ON SOCIETY (Sociology), BETWEEN OLD AND NEW (Custom vs. Progress), ECONOMIC MECHANISMS, TO MAKE YOURSELF CLEAR (the comparative teaching of Italian and other languages), SOCIAL SERVICE (Welfare and Labor), MISCELLANY (Notes on Custom), A TRIP THROUGH ITALY (also versions in English, French, German and Spanish), UNFORGETTABLE MELODIES (Memories in Music), THE HISTORY OF MUSIC, INVITATION TO CLASSICAL MUSIC, MOMENTS IN OPERA. It will take some time to see how the new format develops. (Direct)

IRAQ...Radio Baghdad broadcasts in English daily from 2130-2230 GMT on 9745 kHz, repeated at 0300-0400 GMT on 11925 kHz. Daily features include NEWS BULLETIN, POLITICAL PROGRAM and PRESS REVIEW. Then you can hear: Mon WITH THE WORLD PRESS; Tue QUESTIONS AND ANSWERS, alternating with IRAQ AND THE MARCH OF THE FUTURE; Wed THE CULTURAL PROGRAM; Thu PALESTINE PROGRAM; Fri POSTBAG CORNER; Sat VARIETIES PROGRAM; Sun THE ECONOMIC PROGRAM. Additionally, Arab music and songs can be heard during the transmissions. (John H. Demmitt, PA & Kraig W. Krist, VA)

JAPAN...Beginning this month, Radio Japan is to make major changes in its programming. There will be changes concerning the General Service, the Regional Services and in the program lineup. 1. At present, Radio Japan's General Service is transmitted to all parts of the world every hour on the hour, 24 times a day. As a rule, the program, mainly of news, is broadcast for 15 minutes in English and 15 minutes in Japanese (altogether 30 minutes). Three times a day, however, the broadcasting time is extended to one hour--30 minutes each in English and in Japanese. From April, English programs will be broadcast at odd-numbered hours GMT and Japanese programs at even-numbered hours GMT; additionally, the broadcasting time for each program will be extended (to 30 minutes). As a result, Radio Japan can broadcast more news in more detail. Note that these changes do not affect the Sines relays at 0700 and 2200 GMT (they remain unchanged). Also, there will be an extra 15 minutes added to 3 programs in English (1300, 1500, 1900 GMT) and 3 programs in Japanese (1200, 1600, 2000 GMT), making these transmissions 45 minutes in length. Here, not only news and news commentaries, but a rich variety of special news programs introducing Japan, DX programs, Japanese language lessons, will be included. Adjustments will be made to allow for better reception of the General Service in Asia.....2. Indonesian and Korean broadcasts will be increased, while French to Southeast Asia will be abandoned.....3. New programs to be included are: CROSSCURRENTS (opinions and ideas of Japanese people on various international problems are presented and overseas listeners' responses to these opinions will be included) (Continued on Page 2--More to Come)

## RADIO JAPAN

NIPPON HOSO KYOKAI Japan Broadcasting Corporation, Tokyo, Japan

**JAPAN**(Con't)...Another program is ECONOMIC NEWS AND VIEWS, which will be "particularly relevant to businessmen who are interested in the movements of the international economy." WEEKEND FOCUS will feature an outline of the news of the past week. NIHONGO NEWS DIGEST is a weekly review in "Simplified" Japanese(maybe we should call it "Special Japanese"?-WS). RADIO JAPAN DX CORNER will cater to DXers. JAPAN CYCLOPEDIA is an information program which will present the lifestyle of the Japanese people. HULLIO FROM TOKYO has the reading of letters and the answering of questions from listeners. WHAT'S ON RADIO JAPAN will feature news of Radio Japan's schedule, as well as information about the people of RJ and NHK. OUR HERITAGE is a program on Japanese culture. The station promises a detailed listing of times for these new programs in the April issue of Radio Japan News.(Radio Japan News, 3/82 via Wilder Pickard, IL)

**NETHERLANDS**...Radio Nederland has revised their English lineup substantially over the past year. Here's the current schedule: Mon THE MONDAY REPORT, featuring DUTCH SPOT(a look at the lighter items in the Dutch press); Tue SHORTWAVE FEEDBACK is the successor to HIS AND HERS--it is a program of questions, answers and musical requests; Wed THE WEDNESDAY REPORT; Thu MEDIA NETWORK; Fri THE FRIDAY REPORT, featuring OPINION; Sat has no set program--the producers will decide each week on the form of the program, but the emphasis will be on entertainment; Sun HAPPY STATION. There are special programs for Africa on Mon, Wed, Fri, Sun and for Asia on Wed and Fri as well...The final episode of THE HITCHHIKERS GUIDE TO DXING will be presented on April 29. (Radio Nederland, via David Claytor, MI)



**PHILIPPINES**...Radio Veritas Asia broadcasts in English to India and Sri Lanka daily from 1430-1500 GMT on 9605, 11955, 15210 kHz. The lineup includes: Sun WALK WITH ME, FOOTNOTES; Mon LISTENERS INTERNATIONAL, FOOTNOTES; Tue LOOK TO THE PEOPLE, FOOTNOTES; Wed FAMILY AFFAIR, FOOTNOTES; Thu OUR ASIAN NEIGHBOR, LITERARY PERSPECTIVES: ASIA; Fri FEEDBACK & SING, SING, SING; Sat THE LIVING WORD, FOOTNOTES. Each transmission ends with the NEWS. (Chris Stark, NB & John Demmitt, PA)

**PUBLICATIONS/EQUIPMENT**...We will mention places to obtain equipment and publications of interest to SWLers from time to time. Mention in Program Panorama does not constitute an endorsement of the company, but every effort will be made to ensure that only reliable companies are publicized. The editor is not able to give opinions on receivers or antennas. If you desire this sort of information, contact Sandy. (WS)

**ROMANIA**...Radio Bucharest broadcasts to Europe and North America daily in English at 1300, 1930, 2100, 0200 and 0400 GMT. At 1300 GMT you can hear COMMENTARY, SPORTS and MUSIC daily. At 1930 GMT you can hear COMMENTARY and NEWSREEL daily--followed by: Mon YOUTH CLUB, DX PROGRAM; Tue FAVORITE TUNES RADIO BUCHAREST and TOURIST NEWS; Wed ROMANIAN MUSICIANS & LET'S TALK IT OVER & DX MAILBAG; Thu THE SKYLARK, PAGES OF HISTORY; Fri YOUTH CLUB, DX PROGRAM; Sat CULTURAL SURVEY; Sun SUNDAY STUDIO, including LISTENERS LETTERBOX, INTERVIEWS, PHILATELIC NEWS, MUSIC. This lineup is repeated 6 1/2 hours later at 0200 GMT. At 2100 GMT, you can hear: Mon COMMENTARY, HOME NEWS, SPORTS ROUNDUP; Tue ROMANIA TODAY and TOMORROW; Wed FRIENDSHIP AND COOPERATION; Thu SPORTS MAGAZINE, LISTENERS LETTERBOX; Fri SCIENCE MAGAZINE; Sat TOURIST NEWS; Sun 7-DAY PANORAMA. This lineup is repeated 7 hours later at 0400 GMT. The 1300, 1930 and 2100 GMT broadcasts are intended for Europe, while 0200 and 0400 GMT are for North America, but the station has them lumped together in its schedule.(via Craig Krist, VA)

**UK**...For those of you who do not subscribe to London Calling and want to keep up with what is being broadcast by BBC World Service, listen to LOOK AHEAD daily at 0940 GMT(expect Sun) and Mon-Fri at 1943 GMT. IN THE MEANTIME tells you what is new on BBCWS. Tune in Thu 2120, Fri @ 0150 & 1115 GMT. (Thanks to Roger N. Peterson, CT)

**NEXT MONTH**: A look at WRNO's programming. Comments and opinions are welcomed. Until then, Good Listening! *Windy* 3/82



# 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

"WORLD OF RADIO" a 30 minute program by Glenn Hauser covers a great variety of subjects from schedules, DX tips, new equipment and book reviews is being carried by WRNO-SW, New Orleans at 2330 Sundays on 11955 khz. Very interesting listening to Glenn when he has a chance to "come up for air" in a slower paced, more relaxed program!

SPEEDXer Larry Garrett, 14209 Syracuse St., Apt #3, Whittier, CA, 90604 is looking for a book or at least a schematic diagram on a surplus RBS-1 receiver. If any one has info, please forward it to Larry at the address above.

SPEEDXer Larry Wagner, 5471 Lancaster St., Harrisburg, PA 17111 needs a Xerox copy of a BC band amplifier that appeared in the 1980 (or 1979) edition of Communications World. Can anybody help?

RECORDINGS WANTED...."We would like to obtain good quality sound recordings on cassette, of local and exotic radio stations heard in your part of the world. We are interested in MW, SW, FM & TV stations, and would like to have such items as sign-on, sign-off, anthem, jingles, tuning signal, station announcements etc. Your local station is somebody else's DX! In exchange for each cassette you send us, we will send one of the following:

- 1) On Air 1.....featuring all continents
- 2) On Air 2.....Mainly exotic Asian stations
- 3)AWR Historical....A resume of AWR Asia.

The recordings you send us will be used on our DX program: "Radio Monitors International"..Signed Jose Jacob, QSL Secretary, Adventist World Radio, Box 15 Poona 411001, INDIA. (Thanks to SPEEDXer Bill Annis for this one!) Come on all you tropical DXers, lets get those recorders going!

SPEEDXer Brad Cuppy, 1324 Fairbanks Dr., Carmel, IN 46032 needs a 6A8, 6A8G or 6A8GT tube for an old Crosley Radio he bought at a flea mart sale. Anyone with old "valves" write to Brad!

GALAXY ELECTRONICS, Box 1202, Akron, Ohio, 44309, sent in a nice catalog with good discounts on such things as the Yaesu FRG-7, FRG-7700, SONY ICF-2001, Kenwood R-100 and the newest Panasonics. Also they stock a full line of VHF/UHF Scanners from the Bearcat and Regency lines. Send a stamp or SASE to them for the catalog. SAY YOU SAW IT IN SPEEDX!!!

LARRY BROOKWELL AND THE IDXCSD still cranking out news. Larry says that SONY's new ICF-6500W is being released to replace the old ICF-5900W. The new set covers exactly the same frequency ranges: AM/FM plus 3 SW bands of 3.9-10, 11.7-20 and 20-28 Mhz. The receiver pretty much has the same specs. as its older analog dial cousin, except that this one has LCD digital dial. It takes 6 "C" size cells and comes supplied with a wall transformer. If it's half as good as the 5900W was, it should be a dynamite set. No price or other info. Anybody else got anymore information? Share it with us all. If you want a copy of Larry's bulletin, send a buck to him at: 1826 Cypress St., San Diego, CA 92154. SAY YOU SAW IT IN SPEEDX!!!

TELEPHONE LINES as antennas!?? Two members wrote in asking whether they can use the telephone line as an antenna. If you live in a frame house it might be. Personally I don't recommend it! If you must make a connection, do it THRU a capacitor like a 0.001 Mfd. 600 working volt mylar capacitor; DO NOT connect your receiver DIRECTLY to the 'phone line!!!! It might be hazardous to you, or your receiver, and the "legality" of it is certainly questionable!!

LATE COLUMN this month, so I will cut it short. It has been a hectic month. My wife's mother passed away and my mother had a stroke and is in the hospital recovering (hopefully). Will try and return to two pages next time. Good DXing and 73!

*Sandy* WSTW - 3615 KAZ 0100 - CW DAILY

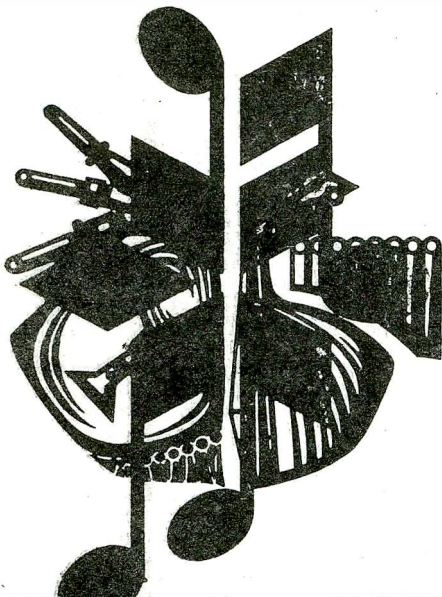


VOICE OF TURKEY  
ANKARA, TURKEY

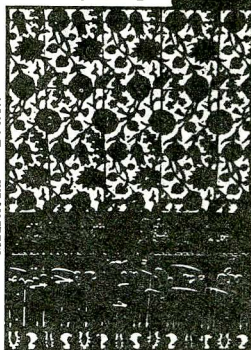
LA VOIX DE LA TURQUIE  
ANKARA, TURQUIE

DIE STIMME DER TÜRKEI  
ANKARA, TÜRKEI

Date 8th of Nov. 1974



TRT C



Porcelain in the Şehzade Mustafa  
Mausoleum BURSA

Language	Time (GMT)	KwH	Power	Kw
Arabic	05.00 - 05.00	11000	25,25	200
Rumanian	14.30 - 15.00	11000	25,25	200
Greek	15.00 - 15.30	11000	25,25	200
Bulgarian	15.30 - 16.00	11000	25,25	200
Serbo-Croat	16.00 - 16.30	11000	25,25	200
German	21.00 - 21.30	11000	25,25	200
French	21.30 - 22.00	11000	25,25	200
English	22.00 - 22.00	11000	25,25	200
Turkish	05.30 - 04.00	0615	20,20	100
.	05.00 - 10.30	11000	25,25	200
.	18.30 - 22.00	11000	25,25	200

## QSL SHOWCASE

Thanks to:  
Bill Cleveland  
Ron Lanoue

We thank you for your note about reception, dated 07/09/74. We confirm the correctness of your details. We would like to continue receiving such news as it's of tremendous value to us.

Agradecemos o seu repórter de recepção datado de 07/09/74. Confirmamos a exatidão dos seus detalhes. Gostaríamos de continuar recebendo suas notícias que nos são de grande valia.



COME AND SEE THE FABULOUS AMAZONAS  
VISITE E VEJA O FABULOSO AMAZONAS





BRAZIL /

- 2490 0000 R. Educ. Rural, pop mx, mor U.S. mx, very good Brazilian opening (2/9. Sams,  
3375 0935 R. Nacional de São Gabriel, OM tlk, full ID @0939, chipmunk-type character  
in the "Programa Nacional" (333; 1/30. Ross, ON) 3/6. Streeter, NY)
- 4756 0550 R. dif do Maranhão, continuous Brazilian & U.S. pop mx to OM ID @0625 (343;/  
4785 0335 R. Ribamar, OM ancr, IDs (2/24. Sarkisian, MI)  
4885 0307 R. Clube do Para, px of local and regional mx, hard to make out ID because  
of blasted CW QRM (323; 2/25. Sharp, FL)(0515; ID: "Aqui parla R. Clube do Para,"  
no significant QRM; fr; 3/1. Kornek, FRG)
- 4895 0303 R. Baré, heard px of light mx to 0203 when I caught part of an echo ID,  
then back to mx (333; 2/25. Sharp, FL)(0915; 242; 2/21. Streeter, NY)
- 4905 0022 R. Relógio Federal, OM tlk, YL w/ time followed by 3 pips every minute  
(333; 2/4. Ross, ON)
- 4955 0225 R. Marajoara, 2 OMs talk, several IDs as "Super Marajoara.; 0244\* without NA  
(343; 2/18. Streeter, NY)
- 5025 \*0758 R. Jornal da Transamazônica, s/on w/ pop song, foll'd by OM w/ several IDs.  
Then OM w/ talk and occasional mx. Lots of SS/EE SSB QRM, but good signal when  
QRM wasn't present (322; 3/5. Streeter, NY)(5026.8; 2218; talk in PP dialect;  
lost after 2255; fr; 2/20. Kornel, FRG)
- 5045 0220 R. Cultura do Para, OM ancr, continuous mx & singing by YL vocalist; 0257\*;  
(333; 2/19. Stone, ON)(0255\*; 343; 3/1. Jones, MS)(0210; 333; 2/25. Sharp, FL)
- 5965 0045 R. Guaíba, OM w/ soccer game; (322; 2/14. Hotaling, NV)
- 9675 0901 R. Marumby, local nx, mentions of "carnival," "Marumby," and "Florianopolis."  
Mx followed. Ballads, not sambas etc. Probable religious format (444; 2/24. Palmer,  
11780 2143 R. Nacional de Brasil, EZL mx, OM/YL ancrs (222; 2/27. Manning, TX)/// WA  
(2242; 555; 2/13. Kasprzyk, TX)(0935; 433; 2/27. Miller, CA) Ross, ON)
- 11785 0951 R. Guaíba, tlk, 2 OMs, lots of IDs, ments. of Puerto Alegre, (433; 2/17. /  
11790 0100 R. Nacional de Brasil, mx, hyper SAM DJ (443; 3/3. Snyder, NY)
- 11805 2340 R. Globo, ID, ads, taped interview, many IDs (422; 2/25. Boone, TX)(2355;  
fuzzy signal; 322; 2/16. Hotaling, NV) CA)
- 11815 0146 R. Nacional de Brasil, lively local mx, interview w/ mx (544; 2/19. Thompson,  
11864.5 2205 R. Pernambuco, sx, splash from DW bc in same language; (poor, 2/21. Kornek,  
11915 2330 R. Gaucha, soccer match; bc 'fighting' w/ Paraguay; (433; /// FRG)  
1/14. Lecuona, ARGENTINA)(0852; accordion mx, horses neighing between selections;  
Gaucha is similar to the word for 'cowboy'; 233; 2/17. Ross, ON)
- 15125 1900 R. Nacional de Brasil, EE, PP mx, mx, (353; 2/27. Radtke, CA)(1904; 243;  
2/17. Tait, AUSTRALIA)
- 15290 0200 R. Nacional de Brasil, EE, OM w/ "Brazilian Scenery," (544; 2/18. Ross, ON)  
(0240; px about Mato Grosso swamps; 555; 2/14. Ulmer, LA)(0205; 433; 2/15. Ayers, OH)  
(0200; 433; 2/20. Langlois, ??)
- 15445 2200 R. Nacional da Amazônia, world nx @2207, strong QRM from VOA Special Eng-  
lish; interview with soccer coach (422; 3/3. Sable, CA)(0045; 555; 3/6. Kobylski,  
17600 0240 R. Nacional de Brasil, EE, Nam px, // 17830, 15290; (343; 2/11. /// MD)  
Huffaker, MEXICO)
- 17815 0320 R. Cultura, São Paulo, light Brazilian tunes, ID (333; 2/19. Cucura, PA)
- 17830 \*0200 R. Nacional de Brasil, EE, Sunday Special, on sambas; (423; 3/1. Surprenant,  
MA)(0228; //15290; 344; 2/20. Clark, KS)(0240; 443; 2/18. Kamen, ON)(0205; 333;  
2/21. Harvey, PQ)(\*0200; 454; 2/7. Fraser, MA)(0203; 454; 2/17. Hesch, CA)(0210;  
433; 2/15. Ayers, OH)(0230; 555; 2/28. Krist, VA)(0200; 545; 2/10. Miller, CA)(0200; 444;  
3/1. Johnson, TX)

CHILE /

- 15140 0030 R. Nacional de Chile, Sinatra songs, ID (444; 1/27. Langlois, GA)(1300;  
px: "Chile y su música"; 555; 1/10. Lecuona, ARGENTINA)(0310; 333; 2/21. Harvey,  
PQ)(0058; ment. "beamed to U.S."???; 454; 2/21. Fraser, MA)

COLOMBIA /

- 4815 0125 R. Guatapurí, much UTE QRM, nx, no ID heard, TODELAR plugs? (322; 3/5. Blaize,  
LA)(0258; TODELAR nx, "Noticieros TODELAR de Colombia. Un mundo de noticias por un  
mundo de oyentes."; 0401\*; 444; 2/11. Streeter, NY)(0110; 333; 2/9. Kivell, NM)
- 4845 0330 R. Bucaramanga, EE ID @0343/5: "HJGF, first and most important station in  
Eastern Colombia, with 10000 watts of power" by OM; NA @0355, 0358\* (333; 2/13.  
Kivell, NM)(0220; gd; 2/13. Parks, FL)
- 4865 0335 LV del Cinaruco, 'Aqui es ... primera cadena...CARACOL!' all during nx.  
(433; 3/5. Blaize, LA)(0150; 444; 3/7. Streeter, NY)
- 4875 0612 R. Super de Medellín, LAM mx, tlk, ID (554; 2/14. Ulmer, LA)(0742; 222; 2/17;  
Johnson, ID)(0524; 222; 2/19. Sanchez, CA)
- 4925 0245 Em. Meridiano 70, LAM pop mx, OM IDs, frequent recorded slogans. Full IDs @  
0310 and 0405 as "Desde Arauca, la ciudad...de Colombia, transmite Em. Meridiano  
70...HJLB, 1170 k/c, onda larga...4925 k/c onda corta, banda internacional de 60  
metros." NA + 0408\* (333; 3/7. Streeter, NY)
- 4945 0555 R. Colosal, political campaign, IDs including TC and long musical ID (444;  
2/8. Huffaker, Mexico)(0315; 322; 3/8. Blaize, LA) -----MORE TO COME-----

COLOMBIA -- (CONTINUED)

- 4975 1010 Ondas del Orteguzaza, tlc by OM, mx, mentions of Florencia, KOed by UTE @1020 before ID (fr; 2/24. Parks, FL)
- 5020 0240 Ecos del Atrato, local mx, frequent IDs by OM (242; 3/8. Streeter, NY) (\*1101; 444; 2/24. Jones, MS)
- 5095 0330 R. Sutatenza, OM ancr, talk, ads, lots of IDs (333; 2/6. Manning, TX) (0311; 533; 2/28. Krist, VA) (0230; 333; 3/4. Michael, MA) (0235; 533; 2/25. Sharp, FL)
- 6036 \*1018 R. Transamazónica, Brief EZL mx, followed by opening anmts by OM w/ ID. 'Esta es R. Transamazónica, HJWA, 1170 kHz onda larga, 97.6 MHz frecuencia modulada, 6050 kHz onda corta, banda internacional de 49 metros, desde San José de Guaviaré, Colombia; R. Transamazónica, emisora ... a la primera cadena radial Colombiana, CARACOL...' Note the use of 6050 in ID rather than current fqy. (333; 2/17. Cunningham, OH) (0650; 434; 2/20. Grosvenor, CA)
- 6065 0832 R. Super de Bogotá, OM w/ upbeat LAM mx, ID, TCs (333; 2/17. Johnson, ID)
- 6115 0620 LV del Llano, campesino mx, full ID @0528, (433; 2/14. Tate, WV)
- 6150 0620 LV del Huila, OM, various kinds of music; ID: "Esta es LV del Huila, HJFR, 1210 kHz, 6150 kHz onda corta, banda de 49 metros, ?? MHz frecuencia modulada, en Neiva, Colombia. LV del Huila, emisora de la primera Cadena Radial Colombiana, CARACOL," (333; 2/8. Heller, WA) (0540, 332; 2/25. Boone, TX)
- 11795 1230 Radiodiffusion Nacional de Colombia, OM tlc, full ID, mx in SS on ½ hour; (444; 2/4. Ross, ON)
- 15333 0303 Radiodiffusion Nacional de Colombia, usual classical mx (piano), good propagation tonight on 19 m. (555; 2/13. Kasprzyk, TX) (0230; 2/23. Sarkisian, MI) (0325; 344; 2/16. Manning, TX)
- 15503+ 2305 Radiodiffusion Nacional de Colombia, chimes, ID by YL, into classical mx. (252; 2/23. Jones, MS) (2245; 15503.5; gd; 2/27. Kornek, FRG)

Boehm, TX)

ECUADOR

- 3220 0400 HCJB, YL w/ ID in SS, followed by hymns, orchestral & vocals (353; 2/14./
- 3240 1101 R. Antena Libre, Anthem (baritone w/ choral back-up, not HC NA), ID, Ecuad. mx, did not hear any mention of 'Cultural' or 'Mundial' -- may have been s/on; (342; 2/5. Jones, MS) (1058; again, not HC NA @ s/on, faded quickly into the mud; 2/20. Lobbell, MA)
- 3261 0327\* LV del Rio Carrizal, ID, call, fqy, NA, off (333; 2/24. Jones, MS)
- 3280t 1105 LV del Napo, Andean-sounding flute mx, poor, fading (322; 3/8. Blaize, LA)
- 3285 0835 LV del Rio Tarqui, local mx, frequent OM IDs & TCs (242; 2/21. Streeter, NY) (1055; heard through powerful OC always on fqy; Belize carrier wiped it out @1056; 422; 2/25. Jones, MS)
- 3381 1115 R. Iris, great AM sig, usual LAM pops & ballads (343; 2/18. Cereghin, MD) (1125; 333; 3/8. Blaize, LA) FL
- 3394 0417 R. Zaracay, ID, OM tlc, LAM mx (453; 2/14. Ulmer, LA) (0247; 455; 2/25. Sharp, FL)
- 4656 0404 C.R.E., LAM ballad, Andean style, OM, disco mx, ID (433; 2/20. Davidson, SC) (0415; 0429\*; 333; 3/5. Streeter, NY) (0345; 442; 2/23. Boone, TX) (0321; 2/24. Sarkisian, MI) (0409; 444; 2/8. Tate, WV)
- 4680 0410 R. Nacional Espejo, ID @0410, "La Voz Música, R. Nacional Espejo," (432; 2/23 Boone, TX) (0430; "R.N.E., la señal...mas poderosa en todo el país"; 343; 3/5. Streeter, NY) (0353; 433; 2/20. Davidson, SC) NY
- 4801 0655 R. Popular de Cuenca, local mx, OM w/ frequent TCs, IDs (343; 2/21. Streeter, (4800, 0438; 453; 2/14. Ulmer, LA)
- 4820 0920 R.dif. Paz y Bien, religious px, followed by OM w/ patriotic talk, ID @1002; (343; 2/27. Streeter, NY)
- 4852a 0206 R. Luz y Vida, gentle talks by YL, w/ soft EZL mx bridges. Generally poor level and lots of QRM made this one a challenge. (222; 3/1. Cunningham, OH)
- 4890t 0258 R. Centinela del Sur, heard end of a song foll'd by OM anmt w/ several "R. Musical" or "Diario Musical" mentions after R. Lux s/off. Then, it also signed off w/o NA (232; 2/16. Streeter, NY)
- 4920 0430 R. Quito, traditional/classical Ecuadorian mx, ID, TC (343; 2/14. Heller, WA)
- 4960 0036 R. Federación, Mass @0036, soft mx, rel tlc, ID @0230, then "Música para todos campos," (343; 2/14. Huffaker, MEXICO)
- 5050 0334 R.dif. Jesús del Gran Poder, relay of R.dif. Nacional del Ecuador w/ a live program from an auditorium (433; 2/28. Cunningham, OH) (1035; 333; 3/5. Alexander, NC) (0345; 0440\*; 242; 2/9. Heller, WA)
- 5061 0342 R. Nacional Progreso, soft LAM mx, OM ancr (233; 3/2. Alexander, NC) (0345; 0440\*; 242; 2/9. Heller, WA)
- 6095 0530 HCJB, EE, historical events mentioned with frequent musical intervals (544; 2/13. Demmitt, PA) (0545; 544; 3/4. Thompson, CA) (0644; 544; 2/22. Shamblin, CA)
- 9725 1130 HCJB, s/on, ID, into unknown Eastern (Oriental) language (444; 2/20. Snyder, NY)
- 9745 0130 HCJB, EE, Passport, and 'The Living New Testament' @0155. (443; 2/17. Taylor, MO) (0230; DXPL, SPEEDX Report (I heard the 3/12 report and it sounded like John was in a hurry -- someone at HCJB might have speeded up their tape, or perhaps the batteries in John's recorder were going. ch); 454; 2/21. Connell, CA) (0730; 333; 2/21. Traver, CA) (0655; 433; 2/22. Shamblin, CA)
- 9760 0150 HCJB, EE, Bible cmt (444; 2/15. Langlois, GA)

ECUADOR -- (CONTINUED)

- 15115 0230 HCJB, EE, DXPL, (454, 2/21. Clark, KS)(0230; 554; 2/6? Kamen, ON)  
(0200; 555; 2/15. Blake, IN)(0200; 454; 2/21. Fraser, MA)(0230; 555; 2/28. Alexander,  
NC)(0053; 434; 2/19. Surprenant, MA)(0458; 555; 2/22. Leonard, ME)  
17890 1528 HCJB, EE/SS, "Your Time" Andean mx, ID, mx, (322; 2/12. Smith, FL)  
17900 0045 HCJB, EE, Guidelines for Family Living, (444; 2/9. Langlois, GA)  
21477 1945 HCJB, EE, a horseshoe crab was explained (does one have to explain such a  
thing? ch); anti-matter was discussed (333; 2/21. Krist, VA)(1900; 355; 2/20.  
Chituck, Italy)(21480; 544; 2/8. Schroeder, WI)  
26020 1546 HCJE, ID (232; 2/18. Ross, ON)

FALKLAND ISLANDS -- FIBS

- 2370 0045 EE, tuned into OM/YL tlk w/ British accent, fade/in again @0100 w/ stock  
market report. Radio Newsreel @0115; steady signal for 10 minutes, would have been  
a great time for an ID, 0130 OM w/ tomorrow's pxx, 0135\* w/ GSTQ (2/3. Sams, AR)

FRENCH GUIANA -- FR3

- 3385 0905 FF, OM read nx, then YL tlk, // 5055 but 3385 weaker (333; 2/10. Ross, ON)  
(0337; sounded like a large party; 222, 2/24. Manning, TX)  
5055 0924 FF, two OMs tlk, //3385 and 4972 (343; 2/27. Cucura, PA)(0930; 545; 2/27.  
Sharp, FL)  
6170 0000 FF, nx YL ancr w/ ID (2/4. Sarkisian, MI)

GALAPAGOS ISLANDS -- LV de Galápagos

- 4810 0032 Light LAm tunes & talk, ID w/ background of sea gulls and ocean surf (no  
turtles burping?? ch)(333; 2/15. Cucura, PA)

GUYANA -- GBC

- 5950 0822 EE, male ancr, mostly Hindi mx, ID @0830, (222; 3/9. Sanchez, CA)(0820;  
222; 2/24. Hotaling, NV)

PARAGUAY -- R. Nacional de Paraguay

- 11915 2330 Guarani/SS, OM talks, Paraguayan mx (harps), talks about "Industria nacional  
del cemento" (QRM from R. Gaucha/Brazil)(533; 1/14. Lecuona, ARGENTINA)(0100;  
353; 3/3. Radtke, CA)(1041; nasty het; 333; 2/17. Jones, MS)(0000; 2/23. Sarkisian,  
MI)

PERU

- 3239 0625 R. America, tropical mx, OM DJ, ID (342; 2/14. Huffaker, MEXICO)  
4790 1039 R. Atlántida, ID, slogans w/ echo effect (343; 2/23. Jones, MS)(0200;  
weekly px "El Correo de la Amistad" frequent ID's and TC's (11 minutes fast).  
0407\* (333; 2/15. Streeter, NY)(0405; 433; 2/16. Davidson, SC)(0315; 333; ads for  
Pepsi, San Juan beer, Honda and Toyota, 2/18. Tate, WV)  
4810 0412 R. San Martín, ID by OM @0415, LAm pops, ads, (fr; 2/14. Parks, FL)  
4825 0424 LV de la Selva, LAm pops, campesino mx, ID by OM @0333; 0500\* (fr/gd; 2/14  
Parks, FL)(0430; 0456\*; 343; 3/7. Streeter, NY)  
4860 0504 R. Chinchaycocha, s/off w/ ID & NA (343; 2/14. Huffaker, MEXICO)  
4885 0542 R. Huancavelica, (CW Marker blocked every 2nd minute) TC "12 min. por la una  
de la madrugada," ID, party-type mx, 0607\* (422/444; 2/14. Huffaker, MEXICO)  
4996 0340 R. Andina, lively huaynos, OM DJ, mention of Andina between selections, some  
WV splatter (fr; 2/9. Parks, FL)(0506, OM w/ px of local mx. Occasional IDs,  
0539\*; 343; 2/15. Streeter, NY)(0433; on late this night; muttered ID; 232; 3/2.  
Nikolich, IL)  
5015 1057 R. Moyobamba, rather non-Andean sounding LAm vocal mx, @1058, electronic  
sound effects, then clear ID by OM simply as a dramatic "R. Moyobamba." Weak  
level, strong UTE carrier, & horrible low-pitched het made this a real challenge.  
(222; 2/24. Cunningham, OH)  
5025 1042 R. Quillabamba, ID by OM, tlk by YL (232; 3/2. Jones, MS)  
5035 0310 R. Ayaviri, EZL LAm vocals hosted by OM DJ, ads, ID by OM @0330 (fr; 2/9.  
Parks, FL)(Imagen is the one usually reported here. ch)  
5040 0520 R. Libertad de Junín, OM ID @0528, LAm mx (232; 2/16. Heller, WA)(0450;  
huaynos w/ occasional DJ chatter by OM; fr; 2/19. Parks, FL)(0640; occasional  
"Happy Birthday" sung in EE, 322; 2/15. Streeter, NY)  
5045 0304 R. Rioja, LAm ballads, & campo style mx, talks, jingles, and many ads and  
promos. ID @0318, after drums and organ: "R. Rioja, 5045 kHz, banda de 60 metros  
onda corta..." Later ID: "R. Rioja...de la ciudad de Rioja, departamento de San  
Martín". All at good level; not especially Peruvian (333; 2/11. Cunningham, OH)  
(0340; Inca Cola ads, gd; 2/19. Parks, FL)(0320; 0400\* after NA; 232; 2/16.  
Streeter, NY)(0300; frequent IDs; 443; 3/2. George, TX)  
5619 1110 R. Yucán, local nx @1150 w/ ment of many small Peruvian towns & Cutervo,  
also Iquitos, ments of Peru, Yip Yip mx, ID not R. Yucán, but too weak to get.  
(333 this morning but not heard since, 2/13. Sams, AR)(??? Has anyone else heard  
this one??? ch)  
5970 0504 R. El Sol, noticias by OM, ID, some BBC splatter (gd; 2/14. Parks, FL)  
6296 \*1100 R. Chota, NA, blues version of "Besame Mucho." ID, TC for 6:04 @1103.  
(2/19, 343; Jones, MS)(1127; amnts at lower level than recorded parts of px;  
LSB useful to eliminate CW. F/out as 17 mins past sunrise (242; 2/18. Jones, MS)+1



- PERU -- (CONTINUED)  
6725t 0452 R. Satelite, beautiful Peruvian mx, OM ancr, 0500\* (232; 2/27. Thompson, CA)
- SURINAM -- R. Apintie 2/21. Sharp, FL)  
5006 0300 Dutch, various selections of jazz and EZL mx; a little talk by ancr; (444; /
- URUGUAY Lecuona, ARGENTINA)  
9620 1030 S.O.D.R.E., px: "Raices de la Tierra Grande," OM ID, LAm songs (433; 1/12.  
11835 0058 R. El Espectador, ads, nx, classical mx, 0100 ID: "Desde Montevideo, capital de la República Oriental del Uruguay, CXLY El Espectador," (343; 2/26. Wilkins, CO)  
(0010; 'Música Radio primo en Montevideo, República de Uruguay,' 454; 2/23. Connell, CA)
- VENEZUELA  
3225 0232 R. Occidente, guitar, trumpet, vocal mx, ID (442; 2/22. Ulmer, LA)(0255; 333; 3/4. Alexander, NC)(1100; 322; 3/8. Blaize, LA)  
4760 2345 R. Frontera, usual YV music, frequent IDs, weak het from UTE \*fr; 2/17. Parks, FL)(1045; severe het; 423; 2/26. Jones, MS)  
4770 0250 R. Mundial Bolivar, ID, LAm mx (242; 3/4. Snyder, NY)(0215; 444; 3/8. Streeter, NY)(0105; 344; 2/21. Alexander, NC)  
4780 0200 LV de Carabobo, OM w/ ID @0200, then "Tome la frescura deliciosa" (drink the delicious freshness)(353; 2/25. Boehm, TX)(0248; 322; 2/28. Cucura, PA)(0130; 233; 2/21. Alexander, NC)(0314; 433; 3/5. Blaize, LA)  
4801 0539 R. Lara, YL, accordion mx w/ singing (222, 3/8. Traver, CA)(0220; 444; 3/19. Thompson, NM)(0330; 0356\*; 333; 3/8. Streeter, NY)(0120; fast guitar mx - sounds a little like ranchera but something else; 434; 3/5. Blaize, LA)(0330; play; 333; 2/25. Manning, TX)(0353; 0357\*; 444; 2/21. Harvey, PQ)  
4830 0330 R. Tachira, mx, OM ancr (was there an ID, Brian?? ch)(2/25. Sarkisian, MI)  
4840 0513 R. Valera, quick, snappy LAm mx, ID by OM @0515 (222; 2/17. Sanchez, CA)  
(0420; ID w/ changing pitch whistle (the ancr was undoubtedly standing right on the train tracks. ch) 232; 2/15. Heller, WA)(0451; 443; 2/14. Ulmer, LA)(0335; 322; 2/15. Manning, TX)(0200; lots of line noise tonight; 422; 3/8. Blaize, LA)  
(0400; went through complete s/off routine, then started a mx px "hasta las 5 de la mañana." 444; 2/11. Huffaker, MEXICO)  
4900 0140 R. Juventud, U.S. pops, "Remember When," "Centerfold," (444; 2/9. Kivell, NM)  
(0108; "No Reply At All," (the QSLer's Lament); 554; 2/25. Sharp, FL)(0340; 444; 3/5. Blaize, LA)(0205; songs by Dan Fogelburg and REO Speedwagon; 333; 1/31. Harvey, PQ)  
4940 0322 R. Yaracuy, ballads, TC, ID (434; 3/8. Blaize, LA)  
4960 0331 R. Sucre, mx w/ door chimes, TC, ID (434; 2/23. Huffaker, MEXICO)(0333; SS versions of U.S. pop/C&W songs; 343; 2/15. Jones, MS)  
4970 0356 R. Rumbos, noticias, ad string @0357, "R. Rumbos, la emisora Venezuela."  
(343; 2/25. Sharp, FL)(0244; 423; 2/22. Speer, CA)  
4980t 0358\* Ecos del Torbes, YL NA, then s/off (434; 2/16. Davidson, SC)  
4990 0215 R. Barquisimeto, very nice slow classical guitar mx (Segovia-style), good ID (434; 3/8. Blaize, LA)(0340; "Aqui R.B., Nacional de la radiodifusión...República Venezuela" (534; 2/16. Davidson, SC))  
5030 0330 R. Continente, ID w/ fqy, into LAm mx (333; 2/23. Garrett, CA)(0220; R. Reloj Continente, 434; 3/8. Blaize, LA)(0424; 544; 2/20. Davidson, CA)(0218; 434; 2/25. Sharp, FL)(0341; 433; 2/22. Shamblin, CA)(0320; 343; 2/18. Kobylski, MD)  
5040 0145 R. Maturin, LAm pops & ballads, many mentions of Venezuela (322; 3/8. Kivell, 9660 1002 R. Rumbos, OM tkl, lots of ID (333; 2/12. Ross, ON)  
9754 1057 R. Occidente, ID: "R. Occidente, la...radiofónica de Venezuela, veinte años de servicio del pueblo..." then "música de los niños," px of (really awful!) singing by school children. I'll bet their parents were proud, though. Weak but clear in spite of het. (232; 2/4. Cunningham, OH)
- NORTH AND CENTRAL AMERICA 2/14. Demmitt, PA)  
ANTIGUA  
6085 0100 DW, EE, @0103.5 there was a 3 second break in audio during the news (444;  
6175 0616 BBC, EE, John Smith told how a new airline could be formed with the loss of Laker Airways (555; 2/13. Demmitt, PA)(0639, 554; 2/22. Shamblin, CA)  
9545 0540 DW, EE/GG, explaining short plays in GG, language lesson is easy dose (454; 2/21. Traver, CA)(0500; 444; 2/16. Lord, CA)  
11775 1300 BBC, EE, world mx, talk about Camp David (555, 2/21. Ross, ON)(1100; Letter from America, 444; 2/14. McCants, LA)  
15105 0203 DW, PP, talk, mx, (544; 2/15. Miller, CA)
- BELIZE -- R. Belize  
3285 0300 ID: "This is R. Belize, Voice of the new Central American nation of Belize." Relay of BBC mx to 0310, then "Here's the weather report from the Belize Weather Bureau," (423 w/ het, 2/8. Boehm, TX)(0315; 454; 2/22. Sharp, FL)(0325; 222; 2/5. Manning, TX)(0412; 443; 2/14. Ulmer, LA)(0300; 322; 2/21. Zilmer, NM)
- CANADA --I can't really begin Canada here, so just want to wish everyone Happy St. Patrick's Day (3/17 as I type). I'm purchasing an HQ-180 next Saturday (as if I needed it) Remember - keep your loggings fresh -- don't send in any for May from before March 5th!!!

CANADA

- 5960 0100 EE, nx, SWLD, nx on SPEEDX (555; 2/15. Demmitt, PA)(0402; 554; 2/22. Shamblin, CA)(0130; 444; 2/15. Langlois, GA)(0202; 333; 3/4. Thompson, CA)+3 (RCI, of course)
- 6005 1718 CFCX, Montréal, EE, nx, author of cookbook interviewed (333; 2/21. Pfeffer, NY)
- 6065 1310 CBCNQSWS, EE, Voice of the Pioneer, (434; 2/28. Peterson, CT)
- 6070 0733 CFRX, Toronto, C&W + pop mx, Ads for Canadian Pacific, promos for CFRB, (fr; 2/27. Parks, FL)(0620; 322; 2/5. Hotaling, NV)(0752;232;3/9.Sanchez,CA)(2026; 353; 2/27. Krist, VA)(0300;353;2/24. Connell, CA)(2335;243;2/11.Taylor,MO)
- 6080 0820 CKFX, Vancouver, EE, C&W mx, ad for Husky Hamburgers (and Fat French Fries, Obese Onions, and Adipose Apple Pie, I suppose. ch. hi!)(222; 2/11. Hotaling, NV)
- 6160 0930 CKZN, St. Johns, EE, nx, wx, sx, IDs, mx (343; 2/28. Cucura, PA)
- 6195 0601 RCI, EE, nx, wx, ID, NA (?); (343; 2/6. Smith, FL)
- 9510 1230 BBC, EE, Animal, Vegetable, or Mineral, score: panel-7, ancr-2. (555; 2/15. Demmitt, PA)
- 9575 1300 RCI, EE, nx, live report about sinking oil rig (555; 2/15. Demmitt, PA)
- 9625 2302 CBCNQSWS, EE, "The World at 6" px (333; 3/2. Thompson, CA)(2355; 555; 2/13. Demmitt, PA)(2200; 333; 2/21. Krist, VA)
- 11850 2330 RCI, EE, As It Happens, interviews in re oil rig loss (555; 2/15. Demmitt,PA) Thompson, NM)
- 11940 0315 RCI, EE, talks on freedom of choice of Christian education, (454; 2/16. /
- 11945 2144 RCI, EE, "African Service" (555; 2/21. Krist, VA)
- 15150 2135 RCI, EE, SWLD, (555; 2/27. Peterson, CT)(2135;544;2/7. Schroeder,WI)(2130; 555; 2/20. Kamen, ON)(\*2130;444;2/27. Krist, VA)
- 15440 1318 RCI, EE/FF, gave list of times/fqys in EE/FF, into FF nx (444; 2/10. Ross,ON)
- 17820 1920 RCI, EE, African service (444; 2/4. Brown, NE) Boehm, TX)
- 17860 2145 RCI, EE, African Service, David Frost interview w/ P.M. Trudeau, (555; 2/23.
- 17875 \*2129 RCI, EE, nx, wx, SWLD, (444; 2/13. Krist, VA)(2155;555;2/21. Chituck, ITALY) (1943; 444; 2/21. Clark, KS)

COSTA RICA

- 4832 0720 R. Relei, mx, ID between each song (443; Kamen, ON)(0802; 433; 2/6. Kerrigan, IL)(0340; 344; Manning, TX)(0328; 433; 3/5. Blaize, LA)(0412; px commemorating 40th anniversary of founding of the VOA w/ excerpts from the earliest bcs; 444; 2/25. Streeter, NY)
- 5055 0312 Faro del Caribe, EE, OM w/ Bible readings and religious tlk (333; 2/1. Ross, ON)(0335; 333; 2/22. Shamblin, CA)(0102; 533; 2/25. Sharp, FL)(0325; 333; 3/1. Johnson, TX)(0325; 433; 3/8. Blaize, LA)(0330; song: "Put Your Hand in the Hand of the Man From Galilee"; 232; 3/2. Alexander, NC)(0345; 433; 2/28. Krolak, MI) (0327; 122; 1/8. Erickson,??)
- 5954 1145 R. Casino, OM/YL, many mentions of Costa Rica, (222; 2/16. Hotaling, NV)
- 6006 0634 R. Relei, Caribbean songs, one called: "La Noche que pase contigo." (444; 2/18. Grosvenor, CA)(0430; 333; 2/15. Manning, TX)

CUBA

- 9525 0700 RHC, EE, mailbag px (433; 2/22, Taylor, AZ)(0533; 343; 2/21. Traver, CA)
- 9685 2228 RMWS, EE, upcoming px events (I can hardly wait. ch)(444; 2/14. Demmitt,PA)
- 11725 2055 RHC, EE, anti-U.S., Reagan lambasting (434; 3/6. Blaize, LA)
- 11760 0230 RHC, Chilean mx, very nice, revolutionary talk for Chile (444; 2/24. Stone, ON)(0527; 454; 3/8. Traver, CA)(0200; 444; 3/7. Traver, CA)(0330; 333; 2/12.Lord, CA)(0500; 222; 2/28. Hahn, CA)
- 11840 1700 RM, EE, People and Events (444; 2/25. Boone, TX)(1600; 455; 2/15. Smith, FL)
- 11930 0230 RHC, EE, Cuban Profile, cmt on Reagan plan to loan money to the Caribbean (444; 3/1. Johnson, TX)(0320; 332; 3/4. Snyder, NY)
- 11950 2020 RHC, EE, nx, item on world trade congress held in Havana (444; 2/15.Krist,VA)
- 15230 1557 RHC, IS, ID, "noticias internacionales" (333; 2/12. Smith, FL)(2345; 444; 2/26. Langlois, CA)
- 17705 2040 RHC, AA, IS, ID, tlk, anthem, nx (444; 2/26. Ulmer, LA)
- 17750 0000 RHC, SS, mx, nx, (444; 2/17. Langlois, GA)(2100; 353; 2/27. Connell, CA)

DOMINICAN REPUBLIC -- R. Clarín

- 11700 2202 4-tone IS, NA, ID in SS/EE, back to SS, (fr; 2/20. Kornek, FRG)(2246; anti-Castro px (LV del CID); 555; 2/13. Kasprzyk, TX)(2205; 343; 2/28. Kobylski, MD) (0215; 444; 3/7. Streeter, NY)(2209; 444; 2/20. Alexander, NC)(0030; 2/23. Sarkisian, MI)(2350; 444; 2/20. Harvey, PQ)

EL SALVADOR -- R. Nacional de El Salvador

- 9551 0445 nx, ad for Ballet Folklórica sponsored by the Tourism Institute. ID, (434; 2/23. Huffaker, MEXICO)(9553; 0208; 433; 3/2. Davidson, SC)

GRENADE -- R. Free Grenada

- 15045 2219 EE, ads, EZL mx, tlk on refugees from El Salvador, Angola, and Namibia. (333; 2/19. Thompson, CA)(2215; 434; 2/18. Langlois, GA)(2359; pop/reggae show; 433; 2/13. Harvey, PQ)(2205; 344; 2/27. Moss, CA)(2240; 333; 3rd anniversary of revolution festival; 2/23. Ulmer, LA)(2141; 353; 2/13. Ulmer, LA)(2200; 433; 2/18. Blake, IN)(2215;444;2/25.Kamen,ON)(2240;532;2/1.Schroeder, WI)

GUATEMALA /

- 3300 0252 R. Cultural, EE, gospel mx, ID, time in CST, "Mx in the Post Meridian" "Radio Bible Class." (444; 2/22. Ulmer, LA)(0330; 233; 2/20. Manning, TX)(0310; 242; 2/28. Kobylski, MD)(0200; 544; 2/23. Sharp, FL)(0300; 333; 3/1. Johnson, TX)
- 3325 1108 R. Maya de Barillas, (minister giving a sermon); SS talk; (444; 3/8. Blaize, LA)(1120; 232; 2/18. Cereghin, MD)
- 3360 0151 LV de Nahuala, marimba and IAm vocals dedicated to specific listeners. ID, then took as much time over the dedications as they gave to the music (454; 2/9. Boehm, TX)(0205; 444; 2/27. Thompson, NM)
- 3380 0040 R. Chortis, OM tlc, mx (333; 2/26. Delk, PA)(0145; 444; 2/27. Thompson, NM)
- 4835 1225 R. Tezulutlán, OM tlc, mx, ID (233; 2/20. Alexander, NC)(0130; 444; 2/20. Thompson, CA)(0053; QRMed by unIDed Latin. Who is this (R. Relej, no doubt. ch); 544; 2/25. Sharp, FL)(0150; 322; 2/24. Stone, ON)(0115; 444; 2/11. Kivell, NM)
- 6180 1235 LV de Guatemala, several IDs, marimba mx (222; 2/16. Hotaling, NV)

HAITI / -- 4VEH

- 11835 2300 EE, ID, bells, religious mx, (333; 3/1. Johnson, TX)(1220; Glad Tidings; greetings/birthday wishes etc. (233; 2/16. Manning, TX)

HONDURAS /

- 4820 0210 HRVC, LV Evangelica, 1812 Overture, other classical mx, uninterrupted to 0258 (when they cleaned the Puffed Rice out of the cannon, no doubt. ch)(343; 2/25. Wilkins, CO)(0310; Billy Graham; 434; 3/8. Blaize, LA)(0438; 422; 2/22. Speer, CA)(0400; 333; 3/1. Johnson, TX)(0425; 323; 2/15. Smith, FL)
- 4890 0144 R. Lux, local and pop mx, IDs by OM (333; 2/25. Sharp, FL)(0245; "la música mas bonita," 0258\* w/out NA (333; 2/16. Streeter, NY)(0130; "She's Got a Ticket to Ride," 444; 2/11. Kivell, NM)
- 4910 0120 LV de la Mosquitia, SS/EE, popular songs "Your Cheatin' Heart" (3/1. Kivell, NM)(0105; 343; 2/28. Huffaker, MEXICO)(0103; "Dem Bones," and "You Are My Sunshine."; 233; 3/2. Alexander, NC)(0100; 2/4. Sarkisian, MI)(\*1200; 233; 2/17. Heller, WA)

MEXICO /

- 6115 0015 R. Univ. de Sonora, OM w/ classical mx; 0112 YL w/ "Secondhand Rose" -- a really yucky version (433; 2/11. Thompson, CA)(1515; 353; 2/20. Thompson, NM)
- 15430 0333 R. Mexico Internacional, ID by OM in EE followed by s/off (343; 2/10. Crumpler, CA)(0159; 433; 2/27. Sharp, FL)

MONTserrat / -- DW

- 15205 1039 SS/EE, OM w/ tlc in SS, then EE ID, off @1040 (444; 2/17. Ross, ON)

NETHERLANDS ANTILLES /

- 6165 0540 EE, Nxlne, (544; 2/27. Thompson, CA)(\*0430; 555; 2/20. Davidson, SC) (0227; Valentine's Day px; 555; 2/15. Demmitt, PA)(Both were RN bcs. Sorry. ch)
- 9590 \*0230 RN, EE, nx, French/West German relations; 544; 2/28. Krist, VA)(0230; 455; 2/5. Manning, TX)
- 9715 0829 RN, EE, IS, world nx, Nxlne (433; 2/6. Kerrigan, IL)(\*0530; 544; 3/4. Thompson, CA)(0850; \*0906 FEBC RR, no point in staying up for this; 333; 2/13. Lucas, CA)(0600; talk on the British Labor Party; 555; 2/13. Demmitt, PA)(0708; 353; 2/21. Traver, CA) Shamblin, CA)
- 9755 0434 TWR, EE, Caribbean Night Call; (455; 2/16. Manning, TX)(0652; 544; 2/22. //
- 9770 0738 RN, EE, talk, talk, talk, finally plays a guitar & flute; sounds like Peruvian mx; (454; 2/21. Traver, CA) son, CA)
- 11710 \*0800 TWR, Norwegian, IS to 0800; EE s/on, then into Norwegian; (332; 2/11. Thomp-

NICARAGUA /

- 5950 0226 LV de Nicaragua, really lively, lots of laughs and booming in. Echo ID, Bob Marley mx, (545; 2/14. Ulmer, LA)(0349; 444; 2/22. Leeman, RI -- Lopez Portillo's speech in Managua)(0400; 353; 2/25. Radtke, CA)(0059; 533; 2/25. Sharp, FL)(0525; 444; 2/13. Smith, FL)(0314; 433; 2/17. Miller, CA)(0145; 454; 2/14. Thompson, NM)(0231; SS history play; 434; 2/28. Moss, CA)

UNITED STATES OF AMERICA /

- 5985 0255 VOFreeChina, CC/EE, radio drama, OM WYFR ID in EE foll'd by OM VOFP ID, drowned out by loud QRN only on that fqy (343; 2/15. Thompson, CA)(0019; gd; 2/14. Kornek, FRG)(0340; 545; 2/12. Bellard, OH)(0300; praise of Taiwan's economy; 555; 2/6. Brown, NE)(0300; Japanese cars to be built in Taiwan; 544; 2/13. Demmitt, PA)(0300; totally unusuable after 0307; 322; 2/6. Connell, CA)(\*0300; 454; 2/28. Krist, VA)
- 5995 0635 VOA, EE, OM w/ world nx (544; 2/22. Shamblin, CA)
- 6020 0629 WYFR, Dutch, continuous mx from 0629-43. (353; 1/31. Chituck, ITALY)
- 6030 0637 AFRTS, EE, "Face the Nation" (444; 2/22. Shamblin, CA)(0232; 544; 3/4. Thompson, CA)(0400; Las Vegas vs. Utah; 444; 2/13. Demmitt, PA)
- 6070 0415 WYFR, EE, Open Forum: told how sinners will burn in hell; (544; 2/14. Demmitt, PA)(0520; 544; 3/4. Thompson, CA)
- 6080 0648 VOA, EE, OM, tlc about DC, (544; 2/22. Shamblin, CA)

UNITED STATES OF AMERICA

- 6100 1200 KGEI, Japanese, OM talk, mx (344; 2/20. Alexander, NC)  
6155 0230 WRNO, EE, rock mx, IDs, Glenn Hauser promo (423; 3/8. Raumont, MA)(0338  
ID, into an Orthodox church service. 454; 2/14. Cunningham, OH)(0220; 544; 2/22.  
Perpetual Novena; Pfeffer, NY)(Kobylski, Berri (who says he just wants to add his  
name to the many -- how true! ch), Leite, Davidson, Miller, CA, Garrett, Alexander,  
Kerrigan, Tacoma, Krolak, Lindley, Wilkins, Taylor, Brown, Delk, Demmitt, Fisher)  
9530 0618 VOA, African Service, nx on Libya's aggression in Chad; (443; 3/2. Shevchenko,  
9590 0953 AFRTS, EE, sx (333; 2/12. Ross, ON) BC  
9165 1228 KGEI, EE, Voice of Friendship to Asia; 1229\* abruptly (444; 2/13. Demmitt, PA)  
9715 0120 WYFR, EE, open forum px (454; 2/17. Taylor, MO)  
11740 \*0200 WYFR, EE, VOFC tape gave 11855 fqy, SS rel px on 11855 w/ better signal  
(344; 2/6. Huffaker, MEXICO)  
11735 0800 UNRadio (sorry for missort); EE, nx, item on voting in a new African country  
(433; 2/13. Dunham, LA)(0715; 444; 2/6. Mountain, BC)  
11755 0630 WRNO, EE, mx, plea for reception reports (334; 2/20. Lord, CA)  
11805 2030 WYFR, EE, Bible Reading Fellowship (454; 2/28. Krist, VA) 2/9. Duguay, MA)  
11830 1200 AFRTS, EE, talks on the use of seat belts and air bags in U.S. cars (423; //  
11890 2231 WRNO, EE, apparent test tx, rock selections, 2332\* (454; 2/11. Cunningham, OH)  
(2159; 544; 2/12. Harvey, PQ)(2202; 343; 2/16. Robinson, Australia)(0000\*, 444;  
3/4. Snyder, NY)(Michael, PA)(Lindley, AL)(Taylor, AZ)(Dunham, LA)(Fraser, MA)  
11965 0030 WRNO, EE, contemporary rock. PSAs, dead air often this week (444; 2/16.  
Clark, KS)(Tate, WV)(Robinson, Australia)(Huffaker, MEXICO)(Parks, FL)(Connell, CA)  
(Kivell, NM)(Sarkisian, MI)(Messineo, MA)(Blake, IN)(Grijalva, AZ)(Taylor, AZ)  
(Brown, NE)(Garrett, CA)  
15120 1840 UNRadio, EE/FF/AA/PP, nx, annexation of Golan Heights (555; 2/5. Neal, TX)  
15130 2156 VOFC, ID for VOFC, WYFR, shift to CC from SS on hour (444; 2/14; Kerrigan, IL)+1  
15145 2330 WINE, hymns, "The World Today" about controlling personal anger (343; 2/24.  
Connell, CA)(2315; theme: "Giving to God" (through His representative on Earth,  
the sponsor of this px, I suppose. ch); 444; 2/27. Philip, BC)  
15185 2205 WINE, Latin and EE, Old Latin Mass from Westbury, LI ("Fr." Gommar DePauw  
taped a mass 10 years ago and the stations play it every week. ch)("Fr." DePauw  
is suspended from his priestly functions, and my Moral Theology teacher, who was  
Chancellor of the Archdiocese one summer, brought "Fr." DePauw to the verge of  
a screaming fit by calling him "Mr." DePauw in the course of a conversation. ch)  
(243; 2/14. Kerrigan, IL)(1930; 344; 2/3. Manning, TX)  
15355 2100 WRNO, EE, under a very strong unID sta in SS. Mx and repeated PSAs (211;  
2/16. Robinson, AUSTRALIA)(2230; RF problems in studio -- I heard ABC nx and  
McDonald's commercial under preaching; 2/13; Sams, AR)(2152; 343; 2/19. Tait, AUSTRALIA)  
(2046; 554; 2/26. Ulmer, LA)(2125; "Testimony by the Rabbi"; 555; 2/14. McCants, LA)  
17730 1928 WINE, EE, 20th Century Reformation Hour, Carl McIntyre (444; 2/4. Brown, NE)  
17845 2350 WYFR, EE, tlk by Dr. Gish on physics (if some of this has leaked down to  
their engineers, it could explain their xmission problems)(444; 2/6. Huffaker, MEXICO)  
I won't be able to do / CLANDESTINES / unless I stop here and thank the other 50  
reporters or so. I'd ask for another page but I don't think I have the time for one.

CLANDESTINE / -- I picked one or two of the most interesting logs of each station.

- 3875 0500 W 1 Victor Radio, EE, "W 1 Victor Radio calling listeners." LAm & U.S. mx.  
0525\* (343; 2/12. Krist, VA) MEXICO)  
5105 0209 LV del Cuba Independiente y Democrática, nx, chime IS (343; 2/25. Huffaker,  
5565 0343 R. 15 de Septiembre, ID, tlk, march mx (454; 2/23. Jones, MS)  
6140 0850 R. Clandestine, EE, "Drivin' that train," then ID and Monty Python skit:  
"Argument." Thought I had WRNO -- wide band transmission and local signal strength.  
Even though the signal's good, it's still illegal. (555; 3/13. Hansen, NY)  
6275 0500 WHUFO, EE, rock mx, then talk by OM about learning EE, talk about "7 Deadly  
Sins." 0540\*. (333; 2/27. Fisher, MA)  
6815 0220 WPOT, EE, non-stop punk and New Wave rock, frequent breaks and silent periods  
in xmission, (333; 3/1. Cunningham, OH)(6820; relay of "Pirate Joe" call-in show  
on KSUN 91.5 pirate, drifting between 6815 and 6820. (454; 2/16. Krist, VA)  
6905 0326 R. Venceremos, announcement to people of San Bartolo area of San Salvador,  
ID, "Revolting" mx (322; 2/18. Leeman, RI)  
6920 0110 R. Farabundo Martí, OM/YL w/ anti Salvadorian government propaganda. IDs  
as above and also "LV de FMLN." Venceremos noted at same time on 6909. (fr;  
2/19. Parks, FL)(6939; 0203; interview w/ comandante in the Sierra (by radio as  
were using "cambio" on changes. Ancd. two new xmissions starting 3/1 @1230 and  
1:30 midday (444; 2/28. Huffaker, MEXICO))(6940; 0300; excellent; 2/27. George, TX)  
7000 0334 LV del Juventud Progresista Cubana, tuned across a 444 signal @0334, jammed @  
0335 to 0448, same OM, same anti-Castro propaganda (0430\*, 2/28. Huffaker, MEXICO)  
7388 0915 KCFR, EE, Rock mx played by the "Pirate Band" which was themselves, mentions  
of G.I. Joe, gave address (233; 2/21. Michael, PA)  
13787 0800 R. North Star International, EE, oldies, IDs, QSL via FRC. Amazing signal @  
89 + 10 (2/12. Sams, AR)(and thanks for the other 30 or so reports: *Chris & Arkie*  
I couldn't print. See you in Contributors and next month. 73's de Chris and Arkie



# SWBC - EUROPE



EDITOR

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

<u>ALBANIA</u>		R.Tirana	R.Gjirokastr
5057	0405	R.Gjirokastr: AL-OM & YL w/nx, folk mx, & IDs.(444 3/8 B.Raymond-MA)(333 Ross-ONT)(222 2/7 Wilkins-00)	
6200	2200	RT: SE/CR-IS, wld nx pgm.(232 2/17 Cereghin-MD)(Cox-LA)	
7065	0000	RT: EE-Talks on high culture socialism of Albanian people.(bull) (554 Dugway-MA)(444 2/16 Krist-VA)	
7080	0639	RT: EE-OM w/cmtry on fighting in Wld WarII.(433 3/3 Boehm-TX)	
7120	0230	RT: EE-Nx pgm, cmtry, and intro to Socialist Albania.(433 3/1 Tate-WV)(Snyder-NY)(Ross-ONT)	
7300	0331	RT: EE-OM w/ID, mx, talks, very hard to hear thru CW & QRN.(232 2/15 Thompson CA)	
9750	*0000	RT: EE-Anthem, "This Is Radio Tirana".(343 2/22 Krist-VA)	

<u>AUSTRIA</u>		Osterreichischer Rundfunk
9770	*0130	ORF: EE-"Report From Austria", nx pgm, soccer scores.(433 2/16 Krist-VA)(Snyder-NY)(Fraser-MA)(Ayers-OH)(Cady-IL)
12015	0450	ORF: EE-YL w/talks, IS, ID, s/off.(333 2/18 Forbes-TX)
15560	1835	ORF: EE-Talks on strikes, beer industry, & parks.(333 2/17 Johnson-ID)
17770	????	ORF: EE-OM & YL w/pgm of nx.(322 2/11 Jamieson-CA)
21525	1230	ORF: EE-Nx pgm, cmtry, listeners letters, freq-skeds.(333 3/8 Zilmer-NM)

<u>BELGIUM</u>		Belgische Radio en Televisie
9870	*0030	BRT: EE-"Brussels Calling" & "MusicBox" & "Radio World".(444 2/22 Krist-VA)(Cox-LA)(Miller-CA)
11695	*0029	BRT: EE-"Music Box" & "Radio World".(353 3/1 Krist-VA)
15360	0030	BRT: EE-Brussels Calling to N.Amer.(343 3/8 Zilmer-NM)
15570	2200	BRT: EE-Brussels Calling w/talk about latest QSLs.(454 3/3 Snyder-NY)
21525	1400	BRT: EE-Talks on acid rain, film club, & comic strips.(344 2/9 Manning-TX)
17600	1900	BRT: EE-Brussels Calling w/Music Box.(242 3/7 Zilmer-NM)
21460	1700	BRT: FF-IS, YL w/ID, lite mx & talks.(333 2/26 Cucura-PA)
21810	1735	BRT: DD-OM w/talk on Belgium & Netherlands.(353 2/26 Cucura-PA)(Robinson-Aust)
21815	2135	BRT: DD-Beam to Far East, freq not anncd.(454 2/16 Robinson-Australia)(Zilmer)

<u>BULGARIA</u>		R.Sofia	R.Moscow
7115	2300	RM: EE-IS, freqs, nx & cmtry.(333 2/14 Demmitt-PA)(Ross-ONT)(Miller-CA)	
9665	2130	RS: EE-Talks on how USA wants to take over the world.(bull)(444 2/9 Dugway-MA) No one word could sum it up any better Rick. What would we do with the world if we had it? tml ...	
9675	0550	RS: SS-Spanish songs & IDs.(343 2/24 Snyder-NY)	
9700	0020	RS: EE-DX pgm explains SINPO, SIG, & RST.(322 3/6 Kobylski-MD)(Fraser-MA)(Ayers-OH)(Johnson-ID)(Snyder-NY)(Manning-TX)	

<u>CZECHOSLOVAKIA</u>		R.Prague
5930	*0100	RP: EE-"This is Radio Prague", talk on national economy.(444 2/28 Krist-VA*)
7345	0300	RP: EE-propaganda about US economy, mx pgm.(453 2/21 Krolak-MI)(Snyder-NY)(Cox-LA)(Fraser-MA)(Shamblin-CA)(Johnson-IL)
11990	0135	RP: EE-YL w/ID, organ mx, and cmtry.(333 3/1 Johnson-TX)(Cox-LA)

<u>DENMARK</u>		R.Denmark
15165	1400	ID, freqs, beam to Greenland & N.Amer.(232 3/6 Snyder-NY)(Ross-ONT)(Alexander-NC)

<u>FINLAND</u>		R.Finland
15265	0930	RF: EE-IS, YL w/ID, freqs, OM w/nx pgm.(333 2/17 Ross-ONT)
21475	1430	RF: EE-S/on, Northern Report, & Airmail.(233 2/9 Manning-TX)(Snyder-NY)(Hahn-CA)(Elaize-LA)(Cox-LA)

KIDS ARE LIKE A SPONGE, THEY ABSORB ALL YOUR STRENGTH, BUT GIVE'EM A SQUEEZE AND YOU IMMEDIATELY GET IT ALL BACK!

FRANCE R.France Intl  
 7130 0723 RFI: FF-OM w/pgm of French songs.(322 3/7 Traver-CA)  
 15200 1742 RFI: EE-"Paris Calling Africa".(333 3/4 Snyder-NY)(Jamieson-CA)  
 15435 1917 RFI: FF-OM w/lots of pop mx, ID.(233 2/19 Manning-TX)  
 17850 1732 RFI: EE-Mailbag pgm, nx pgm, s/off.(233 Erickson-CT)  
 17860 1700 RFI: EE-Paris Calling Africa", wld nx, pop mx pgm.(433 2/7 Miller-CA)(Manning-TX)(Johnson-ID)(Byron-NY)  
 21515 1730 RFI: EE-Wld nx on Paris Calling Africa.(322 2/1 Stephenson-CA)(Alexander-NC)  
 21595 1700 RFI: FF-talk on pop mx, fade out at 1715.(443 2/14 Miller-CA)  
 21620 1705 RFI: EE-Paris Calling Africa, interview w/African lawyer.(444 2/16 Johnson-TX)  
 25820 0601 RFI: FF-Mx pgm & station ID.(354 2/24 Chituck-Italy)(Ross-ONT)

GERMAN DEMOCRATIC REPUBLIC R.Berlin Intl TX)  
 6080 2216 RFI: EE-Nx pgm, talk about poetry.(343 Chituck-Italy)  
 11890 0708 RFI: EE-Mx pgm, "People Berfre Puppets".(454 2/23 Ulmer-LA)(Speer-CA)(Boehm-11975 \*0059 RFI: EE-Mx, songs, on Dateline Berlin.(433 2/28 Krist-VA)(Ross-ONT)  
 15425 1340 RFI: EE-"Africa in Focus".(211 2/20 Snyder-NY)  
 21645 1540 RFI: EE-YL w/wld nx & ID.(443 2/12 SchroederOWI)(Snyder-NY)  
 21500 1600 RFI: EE-Talk on the GDR womens congress.(143 3/5 Snyder-NY)

GERMAN FEDERAL REPUBLIC Deutsche Welle Voice of America  
 5955 0545 DW: EE-Mailbox pgm, ID, times & freqs.(544 2/6 Smith-FL)  
 5995 0030 VOA: EE-Listeners letters, talks on U.S. Constitution.(555 1/27 Dugway-MA)  
 6040 0100 DW: EE-Nx pgm, talk on modern living.(433 2/28 Hahn-CA)(Forrester-SC)  
 6085 0143 DW: EE-Soccer scores & other sports nx by OM.(444 2/16 Johnson-TX)(Thompson-CA)  
 7275 0510 VOA: EE-Nx pgm, mx, Report from correspondent in Peking.(343 2/15 Smith-FL)  
 7285 0736 DW: GG-IS, OM w/ID, mx pgm.(Boehm-TX)  
 9550 0540 DW: EE-the pgm "Sports Roundup".(545 2/24 Snyder-NY)  
 9735 0120 DW: GG-Guitar mx, YL w/ID, OM w/sked.(434 2/28 Davidson-SC)  
 9765 2120 DW: EE-Mailbag pgm, mx requests.(444 2/27 Krist-VA)  
 15135 0100 DW: EE-OM w/pgm of intl nx.(433 Langlois-GA)  
 15150 1945 DW: EE-"Africa in the German Press".(444 2/20 Harvey-QUE)(Krist-VA)(Byron-NY)  
 15405 0130 DW: GG-OM & YL w/pgm of nx.(444 2/8 Langlois-GA)  
 17805 2345 DW: GG-Jokes & mx, ID, freqs.(333 2/22 Langlois-GA)  
 17845 ???? DW: GG-OM w/Dixieland mx, & ID.(322 2/11 Jamieson-CA)  
 17995 0005 DW: GG-Euro nx w/emphasis on Poland.(444 2/12 Stephenson-CA)  
 21735 1850 RFE: no details.

GREECE Voice of Greece  
 6015 2200 VOG: EE-Much talk about Poland.(545 1/31 Chituck-Italy)  
 9515 0145 VOG: GK\* OM w/Freqs, IS, ID, folk mx.(523 2/28 Davidson-SC)  
 9865 0100 VOG: SS/EE-Nx pgm, native mx pgm, .(433 2/3 Connel-CA)(Cox-LA)(Johnson-IL)  
 11730 0030 VOG: GK\*Non stop GK mx, OM & YL w/short talk.(433 2/26 Hotaling-NV)(Ayers-OR)(Forrester-SC)

HUNGARY R.Budapest  
 6025 1630 RB: TK-IS, ID, Mx pgm.(544 Chituck-Italy)  
 9835 0145 RB: HH-Remeniscing about old time caberet and their popular comedians.(332 2/21 Byron-NY)(Manning-TX)(Traver-CA)(Forrester-SC)(Krist-VA)  
 11910 0200 RB: EE-Talk on U.S. policy in Central Amer.(454 Cox-LA)(Snyder-NY)  
 15220 0301 RB: EE-YL & OM w/talks on El Salvador.(454 3/5 Leite-MA)  
 17710 2345 RB: SS-Mx pgm, ID, & nx.(343 3/4 Snyder-NY)

IRELAND South Dublin Radio  
 6240.8 1101 SDR: EE-Pop mx, disco mx, & address.(fair 2/21 Kornek)

ITALY Radiotelevisione Italiana  
 9580 0325\* RAI: SS-ID, a pgm for Latin America,(254 3/4 Snyder-NY)  
 11810 0630 RAI: II-OM w/IS, & ID, YL w/nx pgm.(444 2/10 Jamieson-CA)  
 11800 \*0100 RAI: EE-Parliament argues forleign policy.(444 2/16 Fraser-MA)(Johnson-IL)(Krist-VA)(Snyder-NY)  
 21560 1845 RAI: II-OM & YL w/ID, IS, NX pgm, & mx.(444 2/18 Jamieson-CA)

LUXEMBOURG Radio Luxembourg  
 6090 0045 RL: EE-Rock mx, very poor reception.(222 Dugway-MA)  
 15350 1030 RL: FF-YL & OM w/mx pgm, jingles, & ads.(333 2/12 Ross-ONT)

IF WE ALL PULLED IN ONE DIRECTION WOULD THE WORLD KEEL OVER?

M A L T A Intl Christian Radio Deutsche Welle  
 9515 2034 ICR: EE-Pop/Christian mx, request for letters.(322 2/18 Cereghin-MD)(Krist-VA)(Robinson-Australia)  
 9545 0231 DW: GG-YL & OM w/mx same as from Rwanda.(433 3/7 Traver-CA)(Davidson-SC)  
 9610 2128 DW: PP-IS, ID in GG, nx, talk on USSR.(433 2/14 Demmitt-PA)  
 9670 0700 Malta: EE-reception reports acknowledged, nx report, good signal after VOAs open carrier gone.(3/6 Lobdell-MA)(Moss-CA)  
 11865 \*0100 DW: EE-Nx pgm, "Focus on Europe".(444 2/16 Krist-VA)

M O N A C O Trans World Radio  
 9495 \*0725 TWR: EE-IS, OM & YL w/letters, book offer.(232 211 Thompson-CA)(Ross-ONT)  
 9670 0845 TWR: GG-DX pgm in German.(333 Robinson-Australia)

N E T H E R L A N D S R.Nederland  
 6288 0515 Radio Gerona Intl: EE-Testing for USA, pop rock mx, frequent EE IDs, gave address phonetically. Seemed to be P.O. Box 778LAB, Realte. Heavy ute QRM, still going after 0720.(2/28 Lobdell-MA)  
 7315.5 1022 Free Radio Service of Holland: EE-pop mx, IDs such as "broadcasting from Holland to Europe".(good 2/21 Kornek)  
 9590 0245 R.Nederland: EE-Newsline, DX pgm "Media Network".(strong 2/19 Kamen-ONT)  
 11740 1930 RN: FF-S/on, OM w/nx to Africa, & IDs.(333 2/25 Manning-TX)  
 17605 1945 RN: FF-Much talk % occasional mx.(344 2/18 Bellard-OH)(Snyder-NY)

N O R W A Y R.Norway  
 11870 0415 RN: NW-OM w/pgm of mx, IDs.(333 2/10 Jamieson-CA)(Krist-VA)  
 11935 2020 RN: EE-"The Welfare State" pgm, details of upcoming pgm.(333 2/28 Krist-VA)  
 15165 0615 RN: EE-OM playing and describing NW rock records.(3/8 Traver-CA)  
 15175 2000 RN: POr at s/on w/multi-lingual IDs.(2/21 Nikolich-IL)(Krist-VA)  
 21700 1800 RN: EE-Norway This Week w/nx & views.(232 2/28 Zilmer-NM)  
 21725 1400 RN: EE-Norway This Week.(343 2/28 Zilmer-NM)  
 25730 1230 RN: EE- YL w/a talk discussing life in Norway.(434 2/28 Peterson-CT)(Snyder-NY)

P O L A N D R.Polonia  
 7125 \*2230 RP: Nx reports on present internal situation and martial law.(433 2/2 Fraser-MA)(Krist-VA)  
 9540 2240 RP: EE-"Review of the Week in Poland".(333 2/27 Krist-VA)

P O R T U G A L R.Portugal  
 6100 \*0100 RP: SS-IS, Nat Anthem, ID, Mx, (444 2/26 Delk-PA)(Davidson-SC)(Boone-TX)  
 6185 0543 RP: EE-YL w/DX pgm, mx & IDs.(444 2/13 Demmitt-PA)  
 9575 0550 RP: EE-OM w/"Chamber Music of Portugal".(544 2/15 Ross-ONT)(Mountain-BC)  
 Let me be ridiculous a moment. If you want to get technical an enclosed speaker is a chamber, a room is a chamber, a car is a chamber, and so is this entire universe that the earth resides in. So therefore all music must be "Chamber Music". I don't know why but I just had an urge to say that. Bear with me please. cheers... tml.....  
 11925 0320 RP: EE-OM w/pgm of Portuguese history.(554 2/25 Creamer-CO)(Snyder-NY)(Krist-VA)(Cox-LA)  
 15050 1600 RP: EE-Pgm of Portuguese political nx.(333 2/9 Stephenson-CA)  
 17880 \*1800 RP: EE-ID, OM & YL w/nx pgm.(433 2/16 Hesch-CA)(Johnson-CA) Ruth Hesch is temporarily in CA. We hope you are having a nice trip Ruth.  
 25690 1611 RP: RR-OM w/ID.(544 2/18 Ross-ONT)

R O M A N I A R.Bucharest  
 9570 0215 RB: EE-"Saturday Studio" w/OM & YL.(443 2/22 Ulmer-LA)(Alexander-NC)  
 11940 0400 RB: EE-"This is Radio Bucharest Romania" ID, Nx pgm.(454 3/4 Krist-VA)

S P A I N Radio Exterior de Espana or Spanish Foreign Radio (whichever you prefer)  
 9360 0130 REE-OM & YL w/DX pgm. Woodpecker QRM.(545 2/28 Davidson-SC) (Thompson-NM)  
 9630 0018 REE\* EE-OM w/talks on tour of Spanish cities.(544 3/3 Thompson-CA)(Fraser-MA)(Krist-VA)(Langlois-GA)(Traver-CA)(Garret-CA)(Demmitt-PA)(Dugway-MA)  
 9650 0650 SFR: SS-OM w/mx pgm, beautiful bass voice.(333 2/21 Traver-CA)  
 11730 0802 SFR: SS-Spanish mx pgm.(454 2/8 Miller-CA)  
 11775 0520 REE\*SS-OM talking w/mx & sound effects.(444 3/8 Traver-CA)  
 11880 0035 SFR: EE-OMtry, nx, DX pgm w/talk on DXing above 30 mhz.(444 2/22 Clark-KS)(Sable-CA)(Johnson-TX)(Krist-VA)(Manning-TX)(Thompson-CA)(Jamieson-CA)(Demmitt-CA)(Dugway-MA)  
 11875 1945 REE\*SS-News.(333 2/4 Brown-NE)  
 15125 2215 REE-SS-A pgm of folk mx.(444 Stephenson-CA)  
 15140 1655 REE: SS-bagpipes to 1700, time pips, REE ID, OM & YL w/nx.(444 2/18 Thompson-CA)

SO MANY PEOPLE ARE MOVING DOWN HERE TO THE SUNBELT THAT WE MAY HAVE TO LET IT OUT A NOTCH

SPAIN (continued)

15190 1650 RBE: SS-Folk mx, TC/ID 1700, YL & OM w/nx.(544 3/3 Thompson-CA)  
 17890 1600 SFR: SS-YL w/nx pgm, IDs, & freqs.(545 2/8 Miller-CA)(Stephenson-CA)  
 (Thompson-CA)  
 21595 1710 SFR: SS-OM w/a sports event.(222 2/14 Miller-CA)

SWEDEN

R.Sweden Intl

9695 \*0230 RSI: EE-OM w/sign-on and pgm of nx.(333 2/9 Thompson-CA)  
 15190 1230 RSI: EE-Nx, sports, mx from Sweden.(222 3/8 Zilmer-NM)  
 17840 \*0230 RSI: EE-Talk on sports, songs, and interviews.(544 2/28 Krist-VA)(Snyder-NY)  
 21615 1400 RSI: EE-Program preview, Every time I listen a while it seems RSI has sunk to  
 a new low! (434 3/6 Blaise-LA)(Johnson-TX)

SWITZERLAND Swiss Radio Intl

3985 0608 SRI: GG-Swiss mx, YL w/IDS, ham QRM.(333 2/7 Kerrigan-IL)(Speer-CA)  
 6135 \*0145 SRI: EE-YL w/TC/IS, OM w/pgm of nx.(232 2/8 Thompson-CA)  
 6165 0700 SRI: EE-Pgm of nx, IDs.(222 2/22 Speer-CA)  
 9725 \*0430 SRI: EE-"Dateline" w/nx on Greenlands vote to leave the EEC.(vg 2/23 Garrett  
 -CA)  
 11715 0433 SRI: EE-OM w/sports nx, jazz mx pgm.(344 Mountain-BC)(Forrester-SC)(Shamblin  
 -CA)  
 15305 0145 SRI: EE-Nx pgm, & Swiss Shortwave Merry-Go Round.(444 2/28 Hahn-CA)(Stephenson  
 -CA)  
 15415 1815 SRI: EE-IS, no details due to QRM.(212 3/5 Miller-CA)  
 17830 1530 SRI: EE-IS, Dateline pgm by OM w/wld nx & cmtrys.(333 2/26 Johnson-TX)  
 21565 1920 SRI: FF/GG-Nx pgm, mountain climbing mx.(423 3/4 Sable-CA)  
 21570 1547 SRI: EE-Pgm of Swiss nx.(444 2/12 Bellard-OH)  
 25780 1342 SRI: EE-Talks on wedding ceremonies in Switzerland.(555 2/6 Dugway-MA) I know  
 that many of us have fond memories of weddings, but take the last half of the  
 word and you will see what you did have before the ceremony. Did I say that  
 right? cheers... tml.....

UNITED KINGDOM BBC

5975 0800 BBC: EE-Pgm of wld nx, Bible talks.(454 2/9 Dugway-MA)(Demmitt-PA)(Thompson-  
 CA)(Krist-VA)  
 6005 0543 BBC: EE-OM w/cmtry on childrens dictionaries.(322 Mountain-BC)  
 6050 0552 BBC: EE-the World Today w/talk on Reaganomics.(333 2/6 Smith-FL)(Blaise-LA)  
 6175 2315 BBC: EE-Talk on English Coast Guard.(555 1/28 Dugway-MA)(Thompson-CA)  
 6195 1109 BBC: EE-News about Britain.(555 2/28 Peterson-CT)(Dugway-MA\*  
 6311 1007 R.Caroline: EE-Pgm of R.Carolines story.(fair 2/21 Kornek-FRG)  
 7150 0800 BBC: EE-YL w/nx pgm, cmtry on test tube babies.(Boehm-TX)  
 7325 2345 BBC: EE-OM w/a humorous quiz pgm.(444 2/8 Langlois-GA)(Thompson-NM)(Bellard-OH)  
 9410 2232 BBC: EE-"News Ideas" "Reflections".(454 2/27 Krist-VA)(Traver\*CA)  
 9505 0700 BBC: EE-ID, wld nx, mn about a S.African cruiser that sank.(2/18 Kerrigan-IL)  
 (Zilmer-NM)  
 9510 0650 BBC: EE-BBC wld nx, pgm on European opera.(455 2/1 Moss-CA)(Thompson-CA)  
 (Shevchenko-VAN)(Traver-CA)  
 9825 \*0315 BBC: PR-pgm of Persian nx.(455 3/4 Snyder-NY)  
 11680 0102 BBC: SS-OM w/soccer scores.(333 3/8 Sanchez-CA)  
 11750 2328 BBC: EE-"Letterbox", IDs.(353 2/27 Krist-VA)  
 15070 1950 BBC: EE-Talk by Prince Charles to the press.(344 2/18 Bellard-OH)(Krist-VA)  
 (Traver-CA)  
 17695 1735 BBC: EE-Afro nx, "This is the BBC London".(454 3/6 Krist-VA)  
 17790 1245 BBC: EE-ID & pgm of country mx.(444 2/22 Chituck-Italy)  
 17800 1230 BBC: EE-Station ID.(334 2/22 Chituck-Italy)  
 21470 1715 BBC: EE-OM w/wld nx, this is Afr ser.(543 2/8 Schroeder-WI)(Ulmer-LA)  
 21550 1615\* BBC: EE-Talk on Egyptian political stance.(444 3/5 Snyder-NY)  
 21710 1500 BBC: EE-the pgm is Radio Newsreel.(444 3/4 Brown-NE)(Ulmer-LA)

USSR

4860 0022 R.Moscow: EE-OM & YL w/cmtry. Reported elsewhere as feeder but I suspect it  
 is S.E. Axis service.(poor 2/19 Parks-FL)  
 5015 1335 Vladivostok; RR-Talks & instru mx.(454 2/27 Thompson-NM)  
 6000 2030 RM: RR-ID, IS, nx on Poland.(534 1/28 Chituck-Italy)  
 7115 2330 RM: EE-Omts on Soviet life, OM w/mx & ID.(433 2/8 Langlois-GA)  
 7150 0030\* R.Rodina: RR-pop & folk mx pgm, ID.(454 2/13 Fraser-MA)  
 7150 0100\* R.Kiev: EE-Nx pgm, cmtry on U.S. tv shows.(454 2/13 Fraser-MA)  
 7150 2315 R.Vilnius: EE-Interview, songs, item on Lithuanian folklore.(353 2/27 Krist)  
 7195 0030 RM: EE-Talk on Polish events.(555 Dugway-MA)  
 7360 0506 RM: EE-Nx pgm, ID, "People & Events".(444 Ross-ONT)



U S S R/ (continued)

9505 1720 RM: EE-Discussion on British unionism.(fair 3/9 Pickard-IL)  
 9600 1800 RM: EE-Nx, cmtry, talk on Solidarity.(353 2/10 Connel-CA)  
 9675 1530 Radio Station Peace & Progress: EE-ID, Nx pgm, talk on US & Isreal relations  
 (433 2/18 Atkins-WA)  
 9800 0200 RM: EE-Interview with a Russian housewife.(444 2/15 Langlois-GA)(Brown-NE)  
 11765 1543 RP&P: EE-Long ID.(333 2/18 Johnson-ID)  
 11770 \*0300 RK: EE-Nx, talk on grain yields.(333 3/7 Krist-VA)  
 11785 1200 R.Tashkent: EE-OM w/ID, wld nx.(333 2/20 Ross-ONT)(Peterson-CT)  
 11800 0100\* RM: SS-ID "RM besting to Cuba".(454 2/14 Fraser-MA)  
 11840 1600 RM: EE-Nx, ID, mx pgm.(Smith-FL)  
 11850 1300 RP&P: EE-ID and pgm of nx.(242 2/20 Snyder-NY)  
 11855 1806 RM: EE-A pgm of news.(333 3/4 Snyder-NY)  
 11860 2230 RM: EE-Talk on wld problems, nuclear weapons, & hunger.(333 2/15 Demmitt-PA)  
 (Krist-VA)(Dugway-MA)  
 11980 2106 RM: FF-Mx pgm, YL w/ID, & talk about El Salvador.(454 2/26 Ulmer-LA)  
 12010 1925 RM: EE-OM w/5 min DXers talk about inverted V antennae.(233 2/21 Clark-KS)  
 (Ulmer-LA)(Krist-VA)  
 15100 0349 R.Yerevan: EE-OM w/English lang summary of pgming.(232 2/21 Pfeffer-NY)(  
 Manning-TX)  
 15404 2257 RY: EE/AR-Mx pgm, ID, & freqs.(233 1/19 Erickson-CT)  
 15450 1345 RP&P: EE-Misc cmnts, mx pgm, & ID.(243 3/6 Blaize-LA)  
 15450 0445 RM: EE-Pgm on Russian postal system.(444 2/15 Thompson-CA)(Manning-TX)  
 15455 0220 RM: EE-Answers to US listeners letters.(333 2/21 Harver-QUE)  
 15510 1340 RP&P: EE-Cmtry on Geneva Arms talks.(343 2/10 Tate-WV)  
 15520 \*1330 RP&P: EE-S/on, ID, nx pgm.(353 3/3 Snyder-NY)  
 17715 0230 RM: EE-Wld nx, YL & OM w/cmtry.(444 2/20 Langlois-GA)  
 17720 0213 RM: EE-ID, Moscow Mailbag w/Joe Adamov.(343 3/4 Lucas-CA)  
 17870 2300 RV: EE-English sked, talk on composer of chamber mx.(454 2/28 Connel-CA)  
 Stephenson-CA)  
 17870 0350 RY: AR-Mx pgm, .(Dunham-LA)  
 17870 0300 RK: EE-Wld nx, mx pgm, & interviews.(533 2/1 Atkins-WA)(Krist-VA)(Tate-WV)  
 (Hahn-CA)(Langlois-GA)  
 21530 0047 RM: EE-YL w/a series of interviews.(544 2/17 Shamblin-CA)

V A T I C A N S T A T E/ Vatican Radio

6015 0103 VR: EE-IDs, talk about relation with God.(322 2/26 Lucas-CA)(Johnson-IL)  
 6208 0958 VR: ??-terrible copy due to fluttery modulation.(2/21 Kornek-FRG)  
 9605 0104 VR: EE-YL w/a talk about the Pope.(323 2/17 Shamblin-VA)  
 9615 2207 VR: EE-Talk on Popes trip to Africa,(444 2/21 Krist-VA)  
 9645 0635 VR: LT-Preist w/Mass and responses from congregation.(333 2/21 Traver-CA)  
 11845 \*0100 VR: EE-"The Pope in Africa" a special report.(454 2/16 Krist-VA)  
 15120 1602 VR: EE-YL w/talk on a Zambian ambassador.(222 2/8 Manning-TX)

Y U G O S L A V I A/ R.Yugoslavia

9620 1530 RY: EE-Nx pgm, cmtry, & local mx/(232 2/25 Zilmer-NM)(Kasprzyk-TX)  
 15240 1530 RY: EE-S/on, pgm preview, & nx pgm.(222 2/7 Manning-TX)

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

We have a good number of reporters this month. Although I don't know the exact number it is about 65. Reports are a bit thin though anyway. As you can see the USSR or Great Britain is not condensed. Thanks to everyone who reported.

See you in May,

73 s

*Jerry*

# SWBC DX

## AFRICA

EDITOR: MIKE NIKOLICH  
2137 W. Farwell Ave.  
Chicago, IL 60645



**Radio Television Kaduna**



**FEBA**  
**Seychelles**

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

### MISCELLANEOUS NEWS AND NOTES

Mike Hardester writes to say he cleared up the mystery of his 15,325 logging (in the UNID) last month. It turns out that the station was Radio Uganda. He also says his 17900 log is probably Belgium. Thanks for your help, Mike.

Bob Streeter has this information about the Voice of Kenya, on 4934 kHz. According to a QSL he received, the VoK broadcasts in EE on that frequency on Sundays only. Bob notes: "Although they don't mention it, I assume that this is the only day they have an extended schedule. In any event, I heard them several times (but not on Sunday) during December and they always signed off around 2015. What I heard was the 'local program' in North East & Coast Vernacular."

### SPEEDX AFRO HOT SHEET

This is the new format for the "Hot Tips" section. I hope it proves to be a helpful addition to the column. I tried to keep it as compact & simple to use as possible. If you have any comments or suggestions, let me know.

<u>0000</u>	11730	VORE/Ethiopia	<u>0600</u>	3366	GBC-2/Ghana
<u>0330</u>	3200	TWR/Swaziland		4815	RTVV/Upper Vol.
	3210	R.Mozambique		4910	R. Conakry
	3240	TWR/Swaziland		6195	FRC/Sokoto,Nig.
	3265	R.Mozambique		7145	R.Kwara/Nigeria
	3280	R.Mozambique	<u>0700</u>	<u>7271</u>	R. Mali
	3339	RT/Zanzibar	<u>1450</u>	15120	V. Nigeria
	4911	R.Zambia	<u>1600</u>	7270	RTVG/Libreville
<u>0400</u>	3306	ZBC/Zimbabwe	<u>1630</u>	9535	R.Nac/Angola*
	3355	R.Botswana		11955	R.Nac/Angola*
	4800	R.Lesotho	<u>1900</u>	9535	R.Nac/Angola*
	4845	R.Botswana		9595	V.Namibia/Ethiop.
	6155	R.SR/Swaziland	<u>2032</u>	15105	RTVM/Morocco
<u>0441</u>	11760	TWR/Swaziland	<u>2130</u>	4965	RSWA/Namibia
<u>0500</u>	4925	R. Bata/E.G.	<u>2200</u>	3270	RSWA/Namibia
<u>0530</u>	11955	R.Nac.Angola		4000	R. Bafoussam,Cam.
	5020	ORTN/Niger		9535	R.Nac/Angola
<u>0545</u>	3222	Lama-Kara/R.T.			*V. Namibia program
	6250	R.Malabo			FOR FULL DETAILS, CHECK THE
	15296	R.Mozambique			APPROPRIATE COUNTRY.

### ALGERIA

17885 1805 RTVA; FF, reggae mx, tx, //15370, lost before 2000 EE bcts, 2/18 (Kornek, FRG) \*\*R. Algiers' external svcs in EE and SS are now hrd one hour early, from 2000-2030 and 2030-2100 instead of 2100-2130 and 2130-2200. Freqs are 15,370, and 251 kHz, although RA announces 11740/9610/7145 and 251. (BBC M.S.)///

### ANGOLA

9535 1630 R. Nacional; EE/Vern, mx tx by YL in SWAPO, 2/27 (Miller,CA) 1645, in lang, mentions of "Namibia" 2/18 (Valentine, CA) 1900, EE px, nx, 2/14 (Sarkisian) 2230, EE, YL and OM w/nx and mx px, 2/18 (Tait, Australia)

11955 0500 R. Nacional; PP or Vern, nx by OM w/mentions of Angola, many IDs as "R. Nacional de Angola," 2/20 (Sharp, FL) 1630, EE, ID @ 1630, "This is the V.Namibia", 2/26 (Sanchez, CA)

ASCENSION ISLAND

9600 0345 BBC; EE tx abt Africa, 3/4 (Snyder, NY)  
 11860 0759 BBC; EE, interview w/YL/OM, nx abt Reagan, 2/21 (Traver, CA)  
 15260 0135 BBC; EE mx px, "Tuba concerto," 2/14 (Ulmer, LA)  
 21470 1640 BBC; EE sports px, 2/20 (Sarkisian)  
 21660 1600 BBC; EE, ID, TC, world nx, cmty, freqs, 1615\*, 3/3 (Thompson, NM)

BENIN

4870 2229 LV de la Revo tion; FF, tx by OM, no mx, just tx, ID in FF or Vern at 2230, 2/25 (Sharp, FL) 0639 (Thompson, CA, Blaize, LA)

BOTSWANA

3355 0403 R. Botswana; Vern, OM tx, Afro mx, more tx, def. //4845 but better signals, 333, 2/24 (Streeter, NY)  
 4845 0345 RB; cowbell IS to 0400, NA, s/on, prayer, then U.S./European mx, some local tunes, too, best ever reception, 2/13 (Sharp, FL, Blaize, LA, Cucura, PA) +2

CAMEROON

4000 2215 R. Bafoussam; Vern/FF, heavy ARO QRM, FF/Vern mx, local mx, some pop, as well, 222, 2/21 (Cereghin, MD)  
 4850 0539 R. Yaounde; EE nx, tx about airline hijacking at airport in Stansted, England, clear ID (Blaize, LA, Sharp, FL, Streeter, NY)  
 5010 0539 R. Garoua; EE, end of local and world nx by YL, ID, then NY) px of local Afro mx, 2/26 (Sharp, FL) 1920, radio play, mx, all in FF, (Robinson, Australia)

CANARY ISLANDS

15365 0240 REE/Tenerife; SS, tx by OM/YL, ID, SS mx (S. Harvey, QUE & Zavatsky, CT)///

ECUATORIAL GUINEA

4925 0527 R. Bata; Vern, sing-songy dialect, Afro nx, into SS nx by OM/YL at 0605, 2/24 (Huffaker, Mexico)  
 6250 0545 R. Nacional de Guinea Ecuatorial; SS, OM w/tx, mention of Guinea several times, 0600, local mx, 2/26 (Cucura, PA) The March NASWA update relays that Ralph Perry has received a verie from this stn. . . after 15 years of reports. Veri signer Sr. Matias Ovono Engonga, stn staff worker, is very anxious to receive reports. He even says that the station has begun a mailbag px Thursdays and Sundays about 10:30 p.m. Correct address to send to: Sr. D. Matias Ovono Engonga, Radiodifusion y Television de Guinea Ecuatorial, Malabo, Rep. de Guinea Ecuatorial. Wow!

EGYPT

9475 0215 R. Cairo; EE, ID, into tx and nx (Forbes, TX, Cox & Ulmer, LA)  
 9805 2240 RC; EE, pop mx, nx, 2245\* (Ayers, OH)  
 12000 0248 RC; EE, YL w/listener letters, ME mx, ID 0302 (Pfeffer, NY)  
 17745 0650 RC; AA mx, morse code interference (Chituck, Italy)

ETHIOPIA

9595 1900 V. Namibia px; EE, YL ID as "V. Namibia," prgm of propaganda about the fearless leaders of SWAPO, reports requested to P.O.Box 1443, Addis Ababa (Connell, CA)

11730 0001 VoRE; SS, IS & s/on, ID, freqs, into nx by OM, 2/22 (S. Harvey, Quebec)

CABON  
 4777 2253 RTVG; FF, Afro mx, tx by OM, ID, I enjoy this station more than Moyabi powerhouse (Sharp, FL) \*\*Me, too.

4811 2245 ANO; FF, various selections of Afro vocals, tx by OM, news presumed (Sharp, FL) 0500-0600 by three.

7270 1615 RTVG; Vern, OM tx w/Afro mx, QRM, 2/15 (J. Berri, CA)

11755 0550 ANO; FF, pop mx, no intros between songs (Alexander, NC)  
0638, mx & tx by OM in FF, 2/19 (Lord, CA); 2050-2300\*, FF, YL tx in FF, ID, sked given, Bon Soir song, in FF (Fraser, MA and Byron, NY)

11955 2104 ANO; FF, OM DJ, afro feeling to mx, 2/24 (Manning, TX)

15435 2103 FRI Relay; FF, nx, mx, NA, 2129\*, 2/13 (E.F. Kasprzyk, TX)

GHANA

The Ghana BC stated it was to undergo a radical change to "effectively champion the cause of the revolution in reshaping the mental attitude of the people." According to the BBC M.S., the GBC is going to create pro-

grams which will make people sit up and think." Another Ghana-related story comes from West African Magazine. Under the headline "Women Caned," it states: "About 20 suspected smugglers, mostly women, were given several lashes of the cane by personnel of the People's Army stationed at the Aflao border. They were also given military drill for several hours. According to a spokesman for the military personnel, the suspects were arrested for attempting to cross to Lome through unauthorized routes with goods." Guess the new leaders of Ghana mean business.

3366 0559 GBC-2; OM ID, drums, IS, nx, 242, 2/26 (Streeter, NY) 0628, nx by OM, ID by YL, 0630, 2/16 (Tom Black, CA)\*\*Tom, I have an excellent tape of Radio Belize. If you'd like a copy, let me know. mln. 0535, "Bo Diddley"-style afro mx, OM w/ heavy "Caribe" accent, 3/2 (Blaize, LA) 1930, ///  
4915 0530 GBC-1; EE/Vern, IS, sermonette, IDs and Afro (Robinson, Aust) mx, EE nx 0600-0615 (H. Tate, WV) 2255; EE/Vern, end of local and world nx, complete ID, songs in Vern, 2/25 (Sharp, R. Ghana; EE, OM tx and mx, 343, 3/17 (Peterson, CT) FL)

#### GUINEA

4910 0600 R. Conakry; FF, OM w/tx and steel band mx, FF, v/good sig, 2/26 (George, TX)

#### IVORY COAST

4940 2202 R. Abidjan; tx by OM in FF w/mx, 2/21 (Leite, MA)  
7215 2219 RTVI; FF, cont. tx by YL in FF, ments of "Cote d'Ivoire," then OM FF tx, Turkey QRM, 2/25 (Sharp, FL)  
11920 2035 RTVI; FF, OM, tx, IDs (Sarkisian)\*\*Is there still EE at 1830? 2215, FF, native groups w/short anmts, 2/21 (Kornek, FRG)

#### KENYA

4915t 0630 VoK; Afro, tx, 2/12 (Cady, IL) \*\*Are you sure this wasn't Ghana??? mln.

#### LESOTHO

4800 0400 R. Lesotho; Vern, NA followed by YL w/ID, then OM w/sermon, prayer, other YL anmt, choral hymn, OM nx at 0415, faded into QRM and gone by 0423, 2/10 (R. Streeter, NY) Also noted by Wilkins, CO, Cucura, PA, and Hotaling, NV. \*\*Get this one while it's making its presence felt.

#### LIBERIA

4765 2251 ELWA; EE, relg sermon by OM, "Lord's Prayer," 2/25 (Sharp, FL) \*0600, EE, vibraphone IS, s/on, NA, ID (Blaize, LA)  
11830 0709 ELWA; OM w/relg sermon in EE, 3/7 (Traver, CA) Also 11930 ELWA noted by Traver at 0714 in AA same date.

Survey of VoA freqs noted: 6035 (0445) by Demmitt, PA; 7280 (0410) by Thompson, NM; 17740 (2100) by Chituck, Italy; 17870 (2210) by two; and 21660 (2018) by Krist, VA.

#### LIBYA

11815 2300 R. Jamahiriyah; prayer from Koran, "Green Book," cmty"The U.S. does not hesitate to invade," also tx about persecution of blacks in US, even Chuck Berry mx!(This month's honor roll includes Fraser, MA, Johnson, IL, Marc Crumpler, CA, Cereghin, MD, Ross, Ont +16)

#### MADAGASCAR

15220 1835 RN; EE, "Newsline" & "Media Network" (Streeter, NY) 2040///  
15560 2216 RN; Dutch, feature px, political speeches (Sable)(Krist,VA)  
15570 1338 RN; GG, 3/3, 455 (Scott Snyder, NY) \*\*That's an interesting  
21480 1409 RN; DD (J. Jamieson, CA) SIO rating, Scott.

#### MALI

4783t 0615 RN du Mali; FF, Afro chants, 3/2 (Blaize, LA) 0700, OM w/tx, pop and rock mx, Afro songs, 2/15 (George, TX)  
5995 2135 RM; FF, tx between two FF OM, weak but able to ID later as condx improved. . . (Sharp, FL) 2340, FF (Zavatsky, CT)  
7271 0710 RM; FF/AA, march mx to 0720, OM, 0725 into AA, //7110, 2/14 (Wilkins,CO)

#### MAURITANIA

4845 2242 RNM; AA, cont. tx by OM in AA (Sharp, FL) 7271 NF???mln.

#### MOROCCO

15105 2032 RTVM; OM tx in AA, lots of AA mx played, 454, 2/19 (Leite,MA)  
17705 0030 RTVM; AA mx, tx by YL, under R.Moscow (Sarkisian)



MOZAMBIQUE

3210 0331 R. Mocambique; PP OM DJ, px of mx in PP/EE, no definite ID, TC "Faltan 15 min para las seis" at 0345, 2/15 (Murff, NM)  
 3265 0351 RM; EE, s/on 0351, IS-xylophone, ID by OM in EE, "This is Radio Mozambique," EE nx by OM at 0400, piano mx, 2/15, // 4855 (T. Black, CA)  
 3280 0340 RM; mx px, freq, IDs as "R. Mocambique," 2/18 (Murff, NM)  
 4925t 0520 Em, Interprov. de Maputo; Tsonga, mx (native), tx by YL, no ID, 333, 2/24 (Ross, ONT) \*\*No chance Ec.Guinea??mIn.  
 15296 0530 R. Mozambique; PP, tx by OM, ads, Afro mx, 2/15 (Sams, ARK)

NAMIBIA

3270 0220 R. SWA; Afrik./lang, EZL mx, //4965 until 0300, 0500\*, 2/18 2230, lite mx, lots of QRN, //4965 (Cereghin) (Murff, NM)  
 4965 0330 R. SWA; until 0515, pop and EZL, 0445, Big Ben clock, nx at 0500, ID "R. RSA from Namibia," then sports 2/15 (Murff, NM) 0533, Afrik., OM tx, poss. nx, lite mx (Ross, ONT) 2130, mx px--strange mix of classical, pop, Afro--you name it, finally, ID by OM at 2200, 2/20 (Sharp, FL)

NIGER

5020 0555 ORTN; FF, chants, singing, FF tx, 3/2 (Blaise, FL)

NIGERIA

4770 0529 FRC/Kaduna; EE, ID as "Channel 2 of EE Svc. of RN/Kaduna," "Democracy in Action"(Blaise, LA, Alexander, NC)  
 4932 1945 FRC/Benin City; EE mx and nx at 2000 (Robinson, Aust.)  
 6195 0615 FRC/Sokoto; EE church svc, "Love Prayer for Nigeria" (Sams, R. Kwara; EE/Vern, many IDs, RN network nx, ID, pop mx ARK)  
 7145 0602 px at 0620, local EE nx by YL at 0700, 343, 2/24 (Streeter, NY)

QUICKIE NIGERIAN SURVEY: 4990 (0545); 7255 (0515); 11770 (1740); 15120 (0520, 0736, 0850, 1014, 1450, 1610, 2120) thanks

RWANDA

The DW relay was hrd by Garrett, CA, T. Smith, FL & Sarkisian on following freqs at following times: 17800 (2000), 17895 (0053-0227). Thanks.

SEYCHELLES

11810 0400 FEBA; EE, OM nx, 433 (J. Delk, PA 2/26)  
 15200 0400 FEBA; EE, nx, mx, Episode II of Helen Jamenson's life, ID (Manning, TX & Blaise, LA) \*\*

SIERRA LEONE

5980 0700 SLBC; EE, BBC wld nx, Sierra Leone nx, obits, ads, etc, 333, (Moss, CA)///

SWAZILAND

3200 0312 TWR/Manzini; Vern/?? IS at 0312 w/EE OM IDs, into vern px hosted by OM, 2/25 (Sharp, FL)  
 3240 0314 TWR; EE ID, chime IS, into relig (Cereghin, MD)  
 4760 0257 TWR; Shona?? Chime IS, EE ID, into relig 0300 (Sharp, FL +2)  
 6155 0403 R. SR; IDs, OM w/rock n'soul, no WRNO that evening, 2/19  
 7295 0400 TWR; EE, IDs, relig mx, 2/25 (B. Miller, CA) (Lucas, CA)///  
 11740 1650 TWR; EE gospel mx, "You're welcome here," YL (Crumpler, CA)  
 11760 0441 TWR; EE, relig px, OM, gave address, freqs 2/30 (Sharp, FL)

TOGO

3222 0526 RTVT/Lama-Kara; FF s/on, IS, ID, tx by YL/OM, 2/16 (T.Black)  
 5047 0525 RTVT; FF, soft tempo IS, NA, s/on ///0549 (Blaise, LA) into FF tx and Afro vocals (Sharp, FL & Ulmer, LA +2)

TRANSKEI (No room for S.Africa this month! See last month for summary)

11750 0430 Capital Radio; EE, ads for cigarettes, pop mx, ID 0500, nx  
UPPER VOLTA \*\*Glad to see this one's active again. (Murff, NM) +3

4815 0547 R. Haute Volta; FF/Vern, tx by OM w/selections of W.African flute mx, ID as "R. Haute Volta" (Sharp, FL, Huffaker, MEX)

ZAIRE

Noted consistently on 15245 and 15350 2018-2300 slot, also 15349 @0836. (5)

ZAMBIA

4911 0350 ZBS, Fish Eagle IS, into Vern, tribal chants, 2/24 (Sharp, FL)

ZANZIBAR

3339t 0340 RTZ; lang, Afro mx & AA-style chants, Maputo on 3344 (Sams, AR)

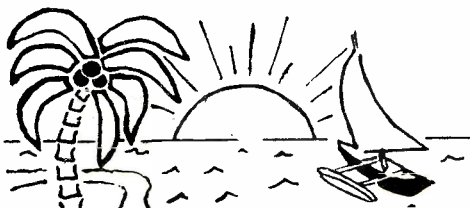
ZIMBABWE (3396 was widely hrd this month, but no room for it! sri)

3306 0403 ZBC; EE, nx, "V.Zimbabwe" ID (Manning, TX, Sams, ARK) Bye.

# ASIA-OCEANIA

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



## ASIA

### Democratic Republic of AFGHANISTAN

4450 1636 R. Afghanistan/Home Sce: ? Lang; Local Mx (232 1/27  
Robinson-AUSTRALIA)  
4740 0130 RA: AA; OM Chants (343 2/24 Leite-MA) (Cucura-PA)  
6230 1250 RA: Urdu; Chanting (2/2 Sams-AR)  
9550 1541 RA: EE; ID, Cmty, Mx into ? Lang 1600 (333 2/15 Johnson-  
ID) (Same px 423 2/15 Berri-CA)  
15077 1900 RA: EE; Nx, Mx, OM (2/2 Sarkisian)

### Socialist Republic of the Union of BURMA

4725 1240 Burma Broadcasting Sce: CC; Tx (2/2 Sams-AR)  
5040 1315 BBS: CC?; Opera Mx // 5985 (2/1 Sams-AR)  
5985 1430 BBS: EE; IS/ID, Nx, Rangoon Nx, Mx (222 2/20 Moss-CA)

### People's Republic of CHINA

3200 1145 Fujian Front Station-Px 2: CC; YL, CC Mx Px (322 2/5  
Cereghin-MD)  
4035 1345 Lhasa, Xizang-PPBS: Dialect; Tx, Mx (343 2/3 Robinson-  
AUSTRALIA)  
4380 1315 FFS-Px 2: Amoy; YL/OM, Instrumental Mx (454 2/27  
Thompson-NM) (Hotaling-NV)  
4840 1238 FFS-Px 2: Amoy; Mx (Good 1/28 Cuppy-IN)  
4905 2237 CPBS-Px 1: CC; OM/YL, Mx (322 2/18 Cereghin-MD)  
4925 1155 Harbin, Heilongjiang PPBS: CC; YL, Vocals, OM/YL // 4915  
(333 2/20 Hotaling-NV) (Nikolich-IL)  
5125 1133 CPBS-Taiwan Sce/Fujian; Amoy; CC Mx Px (232 2/21 Cereghin-  
MD)  
5170 1206 FFS-Px 2: Amoy; Mx, YL (333 2/13 Ross-ONT) (Cereghin-MD)  
5240 1133 Lhasa, Xizang PPBS: cc; Mx Px (Pr 2/18 Cereghin-MD)  
(Sams-AR)  
5265 1130 FFS-PX 1: Amoy; YL, Mx // 5170 (333 2/18 Cereghin-MD)  
5770 0548 R. Peking; EE; Political Tx (444 2/10 Stephenson-CA)  
5975 \*1058 RP: ? Lang; "East is Red", IS, YL (333 3/2 Jones-MS)  
6200 1115 CPBS-Px 1: CC; Mx // 6225 (444 3/2 Jones-MS)  
6665 2310 CPBS-Px 1: CC; YL Mx, // 6750 (242 2/26 Jones-MS)  
6937 1450 Kunning, Yunnan PPBS-CC/Dialect; Px 2, Tx, Mx (333 2/16  
Robinson-AUSTRALIA)  
6975t 1136 Hohhot, NeiMenngu PPBS; CC; Mx Px (Pr 2/21 Cereghin-MD)  
7480 1053 RP: CC; Tx, singing, YL // 6955 (333 2/12 Ross-ONT)  
9020 1025 CPBS-Px 2: CC; YL, Mx (222 2/25 Ward-QUE) (Thompson-NM)  
9064 0211 CPBS-Px 1: CC; OM/YL Tx (222 3/14 Scott-OK)  
9820 1225 RP: EE; "Culture in China" (444 2/28 Peterson-CT)  
9860 1008 RP: EE; YL, Mx (333 2/20 Kerrigan-IL)  
9965 1530 RP: ? Lang; IS, ID, YL (433 2/15 Hotaling-NV)  
11040 0751 RP: CC; YL W/exercise Px to Mx // 11500 (333 2/11  
Thompson-CA)  
11600 1318 RP: EE; ID, OM Cmty on US heightening tensions in Korea  
(343 2/13 Lucas-CA) (Hotaling-NV) (Lobdell-MA)  
11650 \*0001 RP: EE; Nx ID, OM, Tx on Kampuche Army (353 2/28 Krist-  
VA)

People's Republic of CHINA con't

12200 1055 CPBS-Px 2: CC; YL Nx, Subject Tx (322 2/25 Ward-QUE)  
15120 0200 RP: EE; Nx YL; Cmty on Vietnam OM, Tx on Film Awards  
(232 2/24 Ulmer-LA) (Johnson-IL) (Shamblin-CA)  
15180 2309 RP: SS; Cmty on Reagan's Policies (423 2/26 Sable-CA)  
15520 0300 RP: EE; Nx, Cmty on Kampuchea, Mx (322 2/28 Hahn-CA)  
(Smith-FL) (Krist-VA) (Duquay-MA) (Delk-PA)  
15590 0609 CPBS-Px 1: CC; Play 242 3/8 T. Smith-CA)  
17650 0250 RP: SS; IS (333 2/18 Kamen-ONT)

Republic of CHINA

5980 1150 Voice of Asia: EE; YL, Slow Pops, ID (222 3/1 Hotaling-  
NV) (Lobdell-MA)  
9585 0300 Voice of Free China: EE; Ford to build Plant in RoC  
(544 2/12 Blake-IN)  
11740 0200 VOFC: EE; Tx on Textile exports, YL, Mx, Tx on  
Religion in Free China (333 2/9 Stone-ONT)  
15130 2125 VOFC: SS; Mx, ID (244 2/10 Bellard-OH)  
15270 2141 VOFC: EE; YL, ID, Fx, OM (322 2/4 Mountain-BC)  
17800 0315 VOFC: EE; YL ID, "Press Opinions", Mx (343 2/17 Forbes-  
TX) (Krist-VA) (Shamblin-CA)

Republic of CYPRUS

6155 \*2215 Cyprus Broadcasting Corp: Greek: IS, Mx, Tx (Poor  
2/21 Nikolich-IL) Delk-PA) (Sarkisian)

Republic of INDIA

3235 1536 AIR/Gauhati: EE; Nx, Mx (242 1/27 Robinson-AUSTRALIA)  
3365 1305 AIR/Delhi: EE; Mx, Tx (2/2 Sams-AR)  
7412 1536 AIR: EE; YL Nx, ID (322 2/10 Crumpler-CA)  
9630 0130 AIR: Nepali; Tx (433 2/8 Miller-CA)  
9910v 2205 AIR: EE; Nx (323 1/3 Ayers-OH) (Zilmer-NM)  
9950 1450 AIR: EE; YL/OM "Newsreel", ID, Nx (444 3/4 Berri-CA)  
11620 1945 AIR: EE; Political Tx (432 2/15 Byron-NY) (Snyder-NY)  
(Ward-QUE) (Smith-FL) (Ayers-OH)  
15110 2200 AIR: EE; Nx, Cmty, Mx 2230\* // 9912 (322 2/23 Zilmer-NM)  
(Sams-AR)  
15335 0735 AIR: EE; ID, Nx, YL // 11810 (222 3/6 Blaize-A)

Republic of INDONESIA

3215 1350 RRI Manado: Indo; IS, ID, Nx, Mx (333 2/24 Zilmer-NM)  
3265 1410 RRI Gorontalo: Indo; YL, Pop Mx, ID (443 2/17 Tait-  
AUSTRALIA)  
3325 1357 RRI Palangkaraya: Indo; IS, ID, Tx, Local Mx (232 3/3  
Zilmer-NM)  
3427 1344 RRI Manokwari: Indo; Local Nx, Mx, ID (543 2/17 Tait-  
AUSTRALIA)  
3484 1444 RKPDT2 Magatan: Indo; ID, YL Singing (252 2/17 Tait-  
AUSTRALIA)  
3960 1458 RRI Palu: Indo; OM Nx, Sports Px, National Anthem, ID  
(453 2/17 Tait-AUSTRALIA)  
3998 2129 RRI Kendari: Indo; Mx, Opening Tx, ID (443 2/24 Tait-  
AUSTRALIA)  
4875 1320 RRI Sorong: Indo; Local Mx, Nx 1400\* (243 2/16 Robinson-  
AUSTRALIA)  
5451 1235 RRI Biak: Indo; Indo Mx, ID OM (Fr 2/23 Parks-FL)  
11790 1400 Voice of Indonesia: EE; YL World Nx, Mx, ID, Fx (222  
3/3 Johnson-TX) (Manning -TX) (Ross-ONT) (Leite-MA)  
15150 0901 VOI: Bahasa/Malaysia: ID, Px (2/12 Sams-AR)

Islamic Republic of IRAN

3779 1735 Islamic Republic Of Iran Broadcasting/Kalamabad: Farsi;  
I/S, Tx (343 2/23 Robinson-AUSTRALIA)  
15084 0923 VOIRI/Relay of Home Sce of 1st Px: Farsi; OM Tx, Mx, YL  
Tx (433 2/17 Ross-ONT) (T. Smith-CA) (Huffaker-MEXICO)  
(Lobdell-MA)

Republic of IRAQ

9745 2152 R. Baghdad: EE; Cmty, Mx, ID, YL 2230\* (322 2/1 Pfeffer-  
NY) (Ayers-OH) (Erickson-CT) (Forrester-SC)

State of ISRAEL

7410 2230 Kol Yisrael: EE; Interview Px, Sports, Nx, Fx (434 2/11 Duguay-MA)  
 9815 0020 KY: EE; Report on evacuation of Sinai, sked 0030\* (444 3/5 Snyder-NY) (Johnson-IL) (Langlois-GA) (Demmitt-PA) (Thompson-CA) (Ayers-OH) (Krist-VA)  
 11637 0017 KY: EE; "Calling All Listeners", "Dx Corner" (444 2/22 Clark-KS)  
 11640 0130 KY: SS; SS Sce, Nx OM (433 2/4 Langlois-GA) (Kerrigan-IL) (Ayers-OH) (Clark-KS) (Delk-PA) (Johnson-TX) (Schroeder-WI) (Annis-IN) (Valentine-CA)  
 11655 0432 Reshet Bet-Hebrew: ID, Mx (554 2/25 Ulmer-LA)  
 15406.2 1545 KY: RR; ID, USB (Fr 2/20 Kornek-FRG)  
 15585 0241 KY: SS; OM Tx, Mx // 11640, 9815 (433 3/7 T. Smith-CA) (Thompson-NM) (Smith-FL)  
 17629.2 1539 Reshet Bet: Hebrew; Mx, 1955\* (Gd 2/20 Kornek-FRG)  
 17685 2020 KY: EE; "Dx Corner", "Happy Birthday", ID "Shalom from Jerusalem" (353 2/21 Krist-VA) (Smith-FL)

JAPAN

3910 1345 Far East Network: EE; Pop Mx, Nx, Ads (333 3/3 Zilmer-NM) (Hotaling-NV) (Taylor-AZ) (Garrett-CA)  
 3925 1230 JOZ/Nihon Shortwave Broadcasting Co. Ltd: JJ; OM Tx (3/2 Nikolich-IL)  
 6055 1115 JOZ2/NSB: EE; Ads, ID, YL (2/10 Sarkision)  
 6155 0735 FEN: EE; OM, Mx, Military Ads (222 3/7 Traver Smith-CA)  
 9505 1400 R. Japan: EE; IS, ID (412 3/6 Blaize-LA) (Thompson-NM)  
 9595 1402 JOZ3/NSB: JJ; Speech (353 2/20 Kasprzyk-TX) (T. Smith-CA)  
 9685 \*1230 RJ: ? Lang; EE ID, into ? Lang (322 2/20 Snyder-NY)  
 11815 \*1700 RJ: EE; OM Nx, Cmty; New sked listings (333 2/25 Thompson-CA)  
 15195 \*2300 RJ: EE; ID, Nx (321 3/5 Snyder-NY)  
 15300 2345 RJ: EE; Agricultural Px (333 2/10 Demmitt-PA) (Connell-CA)  
 15325 0611 RJ: EE; OM Tx on Haiku (433 3/8 T. Smith-CA)  
 17640 0100 RJ: JJ; Nx // 17825, 21610, 21640, 15195 (233 2/23 Speer-CA)  
 17755a 2208 RJ: EE; ID, OM/YL, Nx, Review of Japanese Press, Cmty (534 2/16 Hesch-CA) (Kamen-ONT) (Brown-NG) (Miller-CA) (Johnson TX)  
 17810 0457 RJ: EE/JJ; IS, ID, Anthem, TC, nx, JJ Px (332 2/6 Tom Smith-FL)  
 17825 2345 RJ: EE; s/on 2345, OM, Nx (322 2/13 Forrester-SC) (Langlois-GA) (Cucura-PA)  
 21610 0150 RJ: EE; Tx on Art Festival // 15195, 21640 (354 2/20 Clark-KS)  
 21640 0200 RJ: JJ; EE Px into JJ (222 2/9 Cady-IL) (Johnson-IL) (Jamieson-CA) (Thompson-NM)

KAMPUCHEA People's Republic

11938 1200 Voice of the People of Kampuchea: EE; YL ID, Mx, silent period, FF 1215 (Pr 2/19 Lobdell-MA)

Democratic People's Republic of KOREA

2850 1322 Choson Chungan Pangsong/Pyongyang: KK; Class/choral Mx, OM // 2760 (443 2/7 Thompson-CA)  
 4119 1401 Voice of the Revolutionary Party for the Reunification of Korea: EE; IS, ID, YL, Nx (433 2/19 Crumpler-CA)  
 9977 1600 R. Pyongyang: EE; Nx, Ethnic Mx, Cmty (353 2/28 Connell-CA) (Lucas-CA)  
 11350.5 0813 CCP/Pyongyang: KK; Drama, Mx // 9663 (343 2/28 Cucura-PA)  
 11780 \*0800 RP: EE; Nx, Cmty (312 2/23 Garrett-PA)  
 11885 1700 RP: EE; YL, Nx, Mx (332 2/12 Dunham-LA)

Republic of KOREA

6135v 1313 R. Korea: EE; ID, YL, Nx, Cmty "Pop from Korea", Mx (433 2/20 Lucas-CA)  
 6165 1315 RK: SS; OM/YL Tx (344 2/18 Miller-CA)  
 6348 1110 R. Echo of Hope: KK; US Pop Mx, YL (343 3/2 Jones-MS)  
 6450 1900 RK: EE; Nx, Cmty (322 2/15 Robinson-AUSTRALIA)  
 7275 0915 RK: Indo; YL/OM Tx (544 2/12 Miller-CA)  
 9570 1045 RK: EE; OM Tx on Library, Nx (333 2/19 Ward-QUE)



Republic of Korea con't

9720 1330 RK: EE; IS, ID, Nx (423 3/5 Baise-LA) (Ross-ONT)  
(Kasprzyk-TX) (Lobdell-MA)  
9870 1210 RK: EE/FF; Tx about N. Korea, FF, OM/YL, Nx (322  
2/15 Miller-CA)  
11805 1200 RK: KK; OM/YL, ID, Nx (433 2/8 Hotaling-NV)  
11810 0600 RK: EE; Letters from listeners (333 2/19 Lord-CA)  
15575 2240 RK: FF; Tx on KK/JJ Relations (444 2/19 Harvey-QUE)  
(T. Smith-CA)

State of Kuwait

9840 0019 R. Kuwait: AA; Mx, YL, Mx, Chants (322 2/17 Tom Smith-FL)  
11675 2030 RK: EE; YL, ID, Mx, Interviews (222 2/24 Manning-TX)  
(Schroeder-WI) (Krist-VA)  
15495 2137 RK: AA; Mx, OM's (354 2/20 Kasprzyk-TX)

Republic of LEBANON

6215 2235 King of Hope: EE; Gospel Px, Mx, ID OM (Fr 2/22 Parks-  
FL) (Robinson-AUSTRALIA)  
6550 0407 Radio Voice of Lebanon: AA; IS; Mx, YL ID, Nx 0407\*  
(343 2/28 Cucura-PA) (Robinson-AUSTRALIA)  
11780 0300 R. Lebanon: SS; YL, Mx, Comments, 0328\* (343 2/10 Connell-  
CA) (Sams-AR)

MALAYSIAPeninsular

6100 1401 Voice of Malaysia-Suara Malaysia: Thai; YL DJ, Am Mx  
1414 Xmtr dropped out (443 2/14 Kasprzyk-TX)  
15345 0040 RTM-Home Sce; Bahasa/Malaysian; YL, Rock Mx, EE Ads for  
bugspray (a Test)(2/1 Sams-AR)

Sarawak

5030 1340 RTMS-Kuching-Blue Network: EE/BM; Marriage Regulations  
and customs (343 3/1 Zilmer-NM) (Kasprzyk-TX)  
7160 1040 RTMS-Kuching: EE; Top 40 Mx, "Twilight Serenade" (433  
2/12 Garrett-CA)

MONGOLIAN People's Republic

6382a 1226 R. Ulan Bator: EE; ID, OM/YL, Mx Px // 12070 sked, 1235\*  
(332 2/13 Lucas-CA)  
12070 1215 RUB: EE; Mx, 1232\* (Fr 2/25 Kamen-ONT) (Ross-ONT)  
(Lucas-CA) (Hotaling-NV) (Cucura-PA)

Sultanate of OMAN

11890 2050 R. Oman: AA; OM Tx, Mx, YL, Quran reading, ID, anthem  
2115\* (Fr 2/6 Lobdell-MA) (Kornek-FRG)  
15105 0543 RO: EE; ID, Mx (Pr/Fr 2/21 Kornek-FRG) (Sams-AR)

Islamic Republic of PAKISTAN

5095 1245 Pakistan Broadcasting Corp/Islamabad: EE; ID, Nx in EE,  
general Urdu Px (322 2/23 Zilmer-NM)  
11670 1700 R. Pakistan: EE; YL Nx // 9870 (433 2/20 Berri-CA)  
13607 1650 RP: EE; Mx, Asian Nx, ID 1730\* (2/9 Sams-AR)  
17620 1720 RP: Turkish; Mx, OM Tx, 1730\* (353 3/3 Thompson-CA)  
21485 1600 RP: EE; Nx // 17640, 15565 (311 2/27 Zilmer-NM)

Azad Kashmir

6275 1315 Azad Kashmir Radio; Kashmiri; Chants, Mx, Tx (222 2/22  
Robinson-AUSTRALIA) (Nikolich-IL)

Republic of PHILIPPINES

6120 1225 Far East Broadcasting Corp: EE; IS, OM, ID, Religious  
Mx (322 2/16 Hotaling-NV)  
9578 0900 R. Pilipinas: Tagalog/EE; OM, Nx, Mx YL Tx (433 2/8  
Miller-CA)  
9715 \*0900 FEBC: RR; Mx, Religious cmty, ID (423 2/15 Reames-JAPAN)  
11835 1902 AFRTS-relay: EE; Basketball game (444 2/21 Sable-CA)  
11955 1430 R. Veritas Asia: EE; Letterbox px, Mx, VV 1500 (322  
2/26 Robinson-AUSTRALIA) (Miller-CA)  
15410 2109 VOA/Relay: EE; "New Products" Px, ?Critics Choice" (444  
2/21 Krist-VA)  
16000 2008 VOA/Relay: EE; Nx, "Nightline Africa" (454 2/15 Krist-VA)

State of QATAR

15285 1229 Qatar Broadcasting Sce: AA; Mx Px (322 2/18 Cereghin-MD)  
 15505 0700 QBS; AA; OM, ME Mx (333 2/25 Creamer-CO) (Sarkisian)  
 (Robinson-AUSTRALIA)

Kingdom of SAUDI ARABIA

11855 BSKSA; EE; Mx ID (221 3/4 Snyder-NY) (Kornck-FRG)

Republic of SINGAPORE

5010 1500 R. Singapore; EE; Px (333 2/2 Robinson-AUSTRALIA)  
 5052 1504 RS; EE; Nx, YL, ID (433 2/10 Cumppler-CA) (Zilmer-NM)  
 (Robinson-AUSTRALIA) (Hotaling-NV)  
 6195 1243 BBC/Relay; EE; Organ, Big Ben, OM ID, Sports Nx (333  
 2/16 Hotaling-NV)  
 9740 1246 BBC/Relay; EE; Mx, Tx, Pips (544 2/14 Miller-CA)  
 11750 \*0900 BBC/Relay; EE; OM, ID, Fx, Nx (323 2/21 Garrett-CA)  
 11940 1600 RS; EE; Am Pop Mx, ID (333 2/12 Atkins-WA) (Robinson-  
 AUSTRALIA) (Thompson-NM) (Miller-CA) (Garrett-CA) (Taylor-  
 AZ) (Zilmer-NM)  
 17715 0030 BBC/Relay; EE; EE Px, ID 0045\* (232 3/4 Snyder-NY)  
 (Sarkisian)

Democratic Socialist Republic of SRI LANKA

9720 1250 Sri Lanka Broadcasting Corp; EE; Mx, Px (433 2/16  
 Miller-CA) (Robinson-AUSTRALIA)  
 15250 0150 VOA/Relay; EE; "Breakfest show" Mx, TC, ID, Nx (242  
 2/28 Cunningham-OH)  
 15425 0030 SLBC; EE; Mx, ID, TC (333 2/23 Cucura-PA)

Kingdom of THAILAND

9655 1212 R. Thailand; EE; Mx, ID, OM, YL Tx (322 2/20 Crumpler-CA)  
 11905 1130 RT; EE; Nx, OM/YL (311 2/13 Alexander-NC)

Republic of TURKEY

6900 0445 Turkish State Metro. Sce: TT; Mx (232 2/28 Cucura-PA  
 (Robinson-AUSTRALIA)  
 7215 2230 Voice of Turkey; EE; YL Nx, Pop Mx (322 2/13 Forrester-  
 SC) (Ayers-OH)  
 9520 \*2230 VOT; EE; IS, ID, Nx, Mx (434 1/17 Erickson-CT)  
 9560 \*2200 VOT; EE; IS, ID, Fx Scked, Nx (444 2/26 Delk-PA) (Snyder-  
 NY)  
 9615 2105 VOT; EE; Rock Mx, "Dx Corner", interview Px (343 2/27  
 Krist-VA)  
 15125 1339 VOT; EE; Nx, ID, Mx, Nx, ID (222 2/16 Manning-TX)  
 15220 1024 Turkish Radio TV Corp; TT; Tx, YL, Chants, Mx (433 2/12  
 Ross-ONT)

Union of Soviet Socialists RepublicArmenia

15100 0351 Voice Of Yereven; EE; Cmty on Farming, Contest Info  
 (433 2/2 Atkins-WA)

RSFSR-Far East

9600 0612 R. Magadan; RR; OM Mx, OM/YL (343 2/21 Traver Smith-CA)

Kazakhstan

5960 1200 Alma Ata; Kazakh; Majak IS, ID, YL Tx (333 2/16 Hotaling-  
 NV)  
 9780 0742 Alma Ata; RR; YL Mx (333 2/21 T. Smith-CA)

UNITED ARAB EMIRATES

11940 0330 UAE Radio; EE; Cmty (555 2/18 Cox-LA)  
 15320 0330 UAE Radio; EE; Nx, Tx (322 2/28 Atkins-WA)  
 17710 1616 UAE Radio; EE; YL, Class Mx (222 2/13 Manning-TX)  
 21655 1630 UAE Radio; EE; ID, Nx, 1642 into AA (444 3/5 Snyder-NY)  
 (Cucura-PA)

Socialist Republic of VIETNAM

4687t 1247 Gia Lai Kon Tom: VV; OM Tx, Mx, Fx (2/12 Sams-AR)  
 6452v 2340 Vietnam Radio-Hanoi: VV; Class Mx, OM Tx (2/1 Sams-AR)  
 10040 1330 Voice of Vietnam: EE; Nx, Cmty, Mx // 11840 (242 2/28  
 Zilmer-NM)  
 10058 1115 VoV: VV; OM/YL Tx, Mx (233 2/12 Ross-ONT)  
 10080 2330 VoV: EE; Nx, Cmty, Mx 2358\* (242 2/24 Zilmer-NM)  
 15010v 2035 VoV: EE; YL Nx, Poli Tx // 10040 (222 2/20 Bellard-OH)  
 (Zilmer-NM) (Blaize-LA) (Berri-CA) (Leite-MA) (Thompson-CA)

YEMEN Arab Republic

4853 1817 R. San'a: AA; Chants, Tx, Mx (343 2/20 Robinson-AUSTRALIA)  
 (Cereghin-MD)  
 9780 0310 R. San'a: AA; Chants, Mx, ID (444 3/8 Bob Raymond-MA)  
 (Ward-QUE)

People's Democratic Republic of YEMEN

11770 2100 Democratic Yemen Broadcasting Sce: AA; OM (232 2/21 Leite-MA)

# OCEANIA

ANTARTICAArgentinian Sector

15476 0020 LRA-36R/R. Nacional Arcangel San Gabriel: SS; ID, Mx,  
 Tx (333 2/26 Delk-PA)

Commonwealth of AUSTRALIA

4920 1312 Australian Broadcasting Corp: VLM 4-Brisbane: EE; Pop  
 Mx, TC, ID (222 2/2 Manning-TX)  
 5995 1050 R. Australia/Lyndhurst: EE; OM, C/W Mx (222 2/25 Ward-  
 QUE) (Speer-CA) (Demmitt-PA)  
 6045 0925 RA/Lyndhurst: EE; YL, Mx, ID, Fx Sked (322 2/23 Hotaling-  
 NV)  
 6060 0745 RA/Shepparton: EE; Px (222 3/6 Blaize-LA) (Bellard-OH)  
 (Manning-TX)  
 6080 1405 RA/S: Nx (212 3/6 Blaize-LA)  
 6090 0825 ABC/VLI 6 Sydney: EE; Tx on Education Px, Preview, ID (212  
 2/22 Speer-CA)  
 7260 0857 RA/S: Indo; EE ID, Nx (Gd 2/23 Garrett-CA) (Boehm-TX)  
 9580 1216 RA/S: EE; Report from Asia (545 2/28 Peterson-CT)  
 (Snyder-NY) (Sams-AR) (Manning-TX) (Clark-KS) (Demmitt -PA)  
 9610 1430 ABC/VLW-9-Wanneroo: EE; Pop Mx, Race results, ID (353  
 2/26 Ulmer-LA) (Bellard-OH) (Peterson-CT)  
 9660 0825 ABC-VLQ 9--Brisbane: EE; YL, Mx, Wx, OM (343 2/1 T. Smith-  
 CA)  
 9680 1101 ABC-VLR/VLM 9--Melbourne: EE; OM Australia Nx (333 2/12  
 Ross-ONT) (T. Smith-CA)  
 9710 1405 RA/S: EE; Nx, ID // 6080 (433 3/6 Blaize-LA)  
 11740 0212 RA/S: EE; OM Nx, Cricket scores, export Px (212 1/24  
 Mountain-BC) (T. Smith-CA)  
 15115 0900 RA/S: EE; Nx, Australian Nx, Mx (555 3/6 Krist-VA)  
 Jamieson-CA) (Kerrigan-IL) (T. Smith-CA) (Moss-CA)  
 (Forrester-SC)  
 15160 0605 RA/L: EE; OM, Nx (444 2/22 Shamblin-CA)  
 17795 1900 RA/S: EE; World Nx, ID, "Australian insight" (444 3/2  
 Sable-CA) (Forbes-TX) (Langlois-CA) (Krist-VA) (Lindley-  
 AL) (Shamblin-CA)  
 17830 0600 RA/S: EE; Australian Today, Nx (554 2/18 Neal-TX)  
 21525 0415 RA/S: EE; Mx Px (222 3/2 Sanchez-CA)  
 21680 0325 RA/S: EE; Comments, Mx (333 2/8 Stephenson-CA)  
 21740 0240 RA/S: EE; C/W Mx (444 3/3 Cox-LA) (Lindley-AL) (Clark-KS)  
 (Cucura-PA) (Johnson-TX) (Langlois-CA) (Thompson-NM)

COOK ISLANDS

11760 0727 ZK4-Cook Island Broadcasting and Newspaper Corp: EE/  
Maori; ID, Rock Mx, Local Mx, R. Australian Nx, "late,  
late show" OM 0835\* (Good/Very good 2/24 Garrett-CA)

GUAM

9505 1430 KTWR: ? Lang; Local Mx (333 2/22 Zilmer-NM) (Blaize-LA)  
(Manning-TX)  
11735 0822 KTWR: EE/Mandarian; ID, Fx, Times, Sked, requests for  
reports, \*0829--Mandarian (333 2/27 Garrett-CA)  
11840 0830 KTWR: EE; ID, OM Sermon (222 2/18 Forrester-SC) (Garrett-  
CA) (Mountain-BC)  
11855 0815 KTWR: EE; Scripture Readings-New Testament (555 2/15  
Reames-JAPAN)  
11895 1430 KTWR: EE; "Hour of Freedom" (322 2/22Zilmer-NM)

Republic of KIRIBATI

16433 \*0600 R. Kiribati: ? Lang; BBC Nx, Tx of Kiribati, LSB (343  
2/4 Leite-MA)

NEW CALEDONIA

7170 0812 R. Noumea: FF; OM Tx, Mx, 0815 YL Nx (433 2/25 Thompson-  
CA) (Curcura-PA) (T. Smith-CA) (Garrett-CA)

Dominion of NEW ZEALAND

15485 1730 R. New Zealand: EE; Mx, Cmty on Littering, Local TC, ID  
(333 2/10 Connell-CA)  
17705 0900 RNZ: EE; ID, Time, Nx, Wx, Political Tx, Roundup of  
sports (343 2/22 Taylor-MO) (Garrett-CA) (Stephenson-CA)  
(Traver Smith-CA) (Sanchez-CA)

PAPUA NEW-GUINEA

3360 1920 R. Milne Bay: EE/Pidgin; OM, Mx, ID, Nx (454 2/17 Tait-  
AUSTRALIA)  
4890 0900 P2K4-Port Moresby: EE; Nx, Promo, Drums, ID, Mx, Speech,  
OM/YL Nx (354 2/15 Taylor-AZ) (Jamieson-CA) (Hotaling-NV)  
(Mountain-BC)  
4890 1120 P2T4 Port Moresby: EE/Pidgin; Mx, OM Tx, ID (222 2/13  
Alexander-NC) (Manning-TX)

POLYNESIA (French)

Tahiti

6135 0710 France Regions 3: FF; Pop and Local Mx (333 2/17 Garrett-  
CA)  
11825 0300 FR3: Tahitian; OM Speech, Mx (433 2/15 Valentine-CA)  
(T. Smith-CA) (Miller-CA) (Thompson-CA) (Stephenson-CA)  
15170 0640 FR3: FF; Classical & Big Band Mx, ID (353 2/1 Wilkins-CA)  
(Thompson-CA) (Cereghin-MD)

SOLOMON ISLANDS

5020 0806 H4B5-Solomon Islands Broadcasting Corp: EE/Pidgin; Nx,  
ID, Pidgin Nx, Time drums, date, mx Local Px ID (232 3/1  
Taylor-AZ)  
9545 0725 H4B9-SIBC: EE; Nx, Mx 0744\* (434 2/17 Garrett-CA) (Hotaling-  
NV)

VANUATU

7260 0801 R. Vanuatu: Pidgin, OM Nx (222 2/21 T. Smith-CA)

+++++

Here is a note from SPEEDXER Jay Levin of Tenafly NJ: The Israeli  
Post Office now requires ZIP codes on all mail. Mail without ZIP codes  
is subject to possible lengthy delays. For those interested,  
here's the address for sending QSL requests to Kol Yisrael, complete  
with JIP code:

Kol Israel  
P.O. Box 1082  
91010 Jerusalem, Israel-----Thanks Jay, ed.TOM

Well another column has ended, we hope that your DXing will be great in  
the month's ahead--keep those cards and letters coming.

Tom



# WORLD SERVICE STATION SKEDS

EMISSIONS

## PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

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

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

Welcome to the April edition of the STATION SKEDS. I hope those April showers aren't too heavy in your location. This month we are back to our full three pages with lots of up-to-date schedules. We are in the M82 broadcasting period which ends on the first Sunday in May. Don't forget, unless otherwise indicated, all programs are in English and times are in G.M.T. Schedules credited to the "BBC MS" are used by permission of the BBC Monitoring Service's World Broadcast Information Division. On to the skeds!

**ALGERIA.** Algerian Radio & Television has this sked, dated February 25th. 2000-2030 9510, 15370 Europe, N. Africa, Middle East  
**CHINA:** continued  
0400-0500 15120 Western N. America  
" " 17860 " "  
1200-1300 15520 Eastern N. America  
(G. Michael)

(BBC MS)

**AUSTRALIA.** Radio Australia has this M82 sked to North America. 0200-0330 21740  
0200-0400 17795  
1100-1300 9580  
(B. Bodell, W. Pickard)  
**CHINA-TAIWAN.** The Voice of Free China has this M82 sked.  
0100-0200 11825 North America  
" " 15345 " "  
" " 17890 Australia-N.Z.  
0300-0350 11825 North America  
" " 15345 " "  
" " 17800 " "  
" " 17890 Australia-N.Z.

**AUSTRIA.** Austrian Radio (ORF) in Vienna has this M82 sked for North America. 0130-0200 5945 North America  
" " 9770 Eastern N. America  
0330-0400 5945 North America  
" " 9770 Eastern N. America  
0430-0500 9770 Western N. America  
1230-1300 21525 North America  
(K. Krist, B. Miller)  
2030-2130 9610 Africa/ME/Europe  
" " 9765 " "  
" " 11860 " "  
" " 15225 " "  
" " 17720 " "  
2140-2240 11825 North America  
" " 15345 " "  
" " 17800 " "  
" " 17890 Australia-N.Z.

**BELGIUM.** Here is the M82 sked of the BRT in Brussels, valid from March 28th to May 1st. 1400-1445\* 21525 North America  
" " 21810 Far East  
1815-1900 9790 Europe  
" " 21810 Africa  
2100-2145- 6010 Europe  
" " 17600 Africa  
0030-0115 11695 North America  
" " 15360 South America

\* = Monday thru Friday only  
- = Monday thru Saturday only  
(K. Krist, R. Yajko, R. Zilmer)  
**VIA WYFR-FLORIDA**  
0200-0300 11740 Central America  
0300-0400 5985 North America  
The Voice of Asia in Kaohsiung has M82 sked.  
1030-1040 5980 Southeast Asia  
1100-1200 5980 " "  
1500-1530 5980 " "  
(G. Scott III)

**FINLAND.** Radio Finland has this M82 schedule to North America. 1100-1130\* 15400, 21475  
1200-1230\* 15400, 21475  
1200-1400- 15400, 21475  
1330-1400 15400, 21475  
\* = Monday thru Saturday  
- = Sunday only  
(W. Pickard II)

**CHINA.** Radio Peking has this schedule, dated March 1, 1982. 0000-0100 17855 Eastern N. America  
" " 17860 " "  
0100-0200 17855 " "  
" " 17860 " "  
0200-0300 17860 " "  
0300-0400 15120 Western N. America  
" " 17855 " "  
" " 17860 " "  
**GERMANY (Federal Republic):** Here is the M82 sked for Deutsche Welle to North America. 0100-0150 6040, 6085, 6145, 9545, 9565, 9590, 11865, 15105

GERMANY: continued.

0500-0550 5960, 9545, 9650, 9690, 11705, 11905  
(D. Claytor, J. Jamieson, R. Moss, W. Pickard II, R. Zilmer)

FRANCE. Radio France International has this M82 sked for the English program, Paris Calling Africa.

(Sorry, out of order but sked just received)

1600-1700 6175 Europe  
11845 Africa  
15300 "  
15315 "  
17720 "  
17850 "  
21525 "  
21580 "  
21620 "  
25820 "

(Direct.)

GREAT BRITAIN Here is the BBC's M82 sked for the Americas, including North America, Central America, Northern South America.

0030-0230 11835 Great Britain  
0030-0330 11750 Delano-CA  
0430-0915 9510 Antigua-West Indies  
0900-0915 6195 "  
1100-1330 6195 "  
1100-1330 9510 Sackville-CANADA  
1100-1330 11775 Antigua  
1100-1330 15215 Great Britain  
1100-1330 21550 "  
1100-1745 15070 "  
1300-1745 21710 "  
1500-1615 9740 Singapore  
1500-1615 11750 "  
1500-1745 15260 Sackville  
1500-1745 15400 Ascension Island  
1500-1745 17830 Sackville  
2000-2245 21710 Great Britain  
2000-0230 15070 "  
2000-0230 15260 Ascension Island  
2000-0730 6175 Antigua  
2200-0030 11750 Great Britain  
2200-0030 15420 "  
2200-0330 6120 Sackville  
2200-0430 9510 Great Britain  
2245-0630 5975 "  
2300-0030 9590 Sackville  
2300-0030 11910 Great Britain  
2300-0330 7325 "  
(R. Zilmer.)

GREENADA. Radio Free Grenada has this current sked.

1945-2115 15045 Europe  
2130-0030 " Americas  
Taken off the air.  
(S. Knelanger)

IRAQ. Radio Baghdad in Iraq has this undated sked.

0300-0400 11925 North America  
2130-2230 9745 Europe  
(K. Krist)

ISRAEL. Here is the M82 Kol Israel

sked for North America & Europe  
0000-0030 11640, 15585, 17630  
0100-0125 11640, 15585, 17630  
0200-0225 9815, 11640, 15585  
0500-0515 9815, 11640, 15105, 21760  
1200-1230 15415, 17630, 21625, 21760  
2000-2030 11640, 15585, 17645, 17795  
2230-2300 11640, 15585, 17630, 17795  
HEBREW LANGAUGE BROADCASTS TO Nam-Eu  
0030-0100 11640, 15585, 17630  
0400-0615\* 11655, 15615  
0615-1200\* 17630  
0615-1400\* 25605  
1300-2000\* 17630  
1800-2000\* 21760  
2000-2310\* 9815, 11655, 15615  
\* relay of RESHET BET  
(J. Levin, R. Zilmer)

ITALY Here is RAI's complete English schedule for the M82 period.

0100-0120 9575, 11800 N. America  
0350-0410 15330, 17795, 21560 Far East  
0425-0440 6165, 7275 Mediterranean  
1935-1955 7275, 9710, 11800 England  
2025-2045 7235, 9575, 11800 Mr East  
2200-2225 9710, 11800, 15330 Japan  
(B. Chituck, J. Jamieson)

JAPAN. As promised last month, we have the new sked for NHK which takes effect on April 5th and lasts until May 1st. To North America.

REGIONAL SERVICE  
0130-0230 15195, 17825, 21610, 21640  
2345-0045 15300, 17825  
GENERAL SERVICE  
0100-0130 17755 1300-1345 9505  
0300-0330 " 1500-1545 "  
0500-0530 15325 1700-1730 "  
0700-0715 " 1900-1945 15325  
0900-0930 9505 2100-2130 "  
1100-1130 " 2215-2230 17755  
2300-2330 "  
(B. Bodell, W. Pickard II, R. Zilmer)

LESOTHO. The Lesotho National Broadcasting Service has the following sked.

0400-2030 4800 in local languages, and English  
(B. Annis)

NETHERLANDS ANTILLES. Trans World Radio in Bonaire has this current schedule.

0045-0130 11755  
0400-0725 9755  
1100-1300\* 11815  
1100-1320- 11815  
1100-1340# 11815  
\* = Monday thru Friday  
- = Saturday  
# = Sunday  
(L. Taylor)

**NORWAY.** Radio Norway has this sked for the M82 broadcasting period ending May 1st. The English program "Norway This Week" is heard on Sunday (\*=Monday GMT) during the last half hour of each broadcasting period.

0100-0230\* 9660 ECNA, Pacific  
 11735 ME, India, Ea Austr  
 11895 North America  
 0300-0430\* 11870 ECNA, Pacific  
 11920 ME, Indon, Austral.  
 15165 Ea Eur, ME, Ea Afr.  
 15185 Pacific  
 0500-0630\* 11740 Europe, We/So Afr.  
 15185 Pacific  
 17715 Ea Eur, ME, Ea Afr.  
 17775 Europe, Africa  
 0700-0830 15165 North Pacific  
 17740 Far East, Ea Austr.  
 17895 We Eur, We Africa,  
 So America, long  
 route: Far East,  
 Australia, NZ

1100-1230 25730 Australia  
 6015 North Europe  
 21730 We Europe, C. Amer.  
 21555 Indo, Austral-NZ  
 21735 Far East, Ea Austr

1300-1430 9590 We Europe, Africa  
 21730 We Eur., C. America  
 25615 ME, We Australia  
 25730 Ea Eur, ME Ea Afric  
 1500-1630 15215 North Pacific  
 21725 Ea Africa, India  
 25615 Europe, Africa  
 25730 ME, Indo, We. Austr

1700-1830 11900 Ea Eur, ME, Ea Afr  
 17875 North America  
 21575 ME, Ea, So Africa  
 25730 Ea Eur, ME, Ea Afri  
 1900-2030 9675 Ea Africa, ME  
 15135 Pacific, NZ  
 21575 We Africa, So Amer.  
 21715 Europe, Africa

2100-2230 15155 Far East, Indo.,  
 Ea Australia, NZ  
 15430 North America  
 17840 Central America  
 21730 We Eur, We Africa,  
 South America

2300-0030\* 11710 We Europe, S. Amer  
 11735 Indo., Australia/NZ  
 15195 ECNA, Pacific

Underlined frequencies are 250 kw, others are 100 kw. All broadcasts except the English "Norway This Week" are in Norwegian.  
 (D. Claytor, W. Pickard II, T. Smith)

**PAKISTAN.** Radio Pakistan has this sked, dated February 4th.  
 0230-0245 17840 Southeast Asia  
 21595 " "  
 1005-1010 17665 England  
 21802 " "  
 1040-1045 17639 Indonesia  
 21755 " "  
 1100-1115 17665 Europe  
 21802 " "  
 1600-1615 15565 ME, East Africa  
 15585 " "  
 17640, 17660, 21485 "

**PAKISTAN:** continued  
 1650-1655 15585 Europe  
 17620 " "  
 1645-1745 9422 England  
 9870 " "  
 11670 " "  
 (BBCMS)

**PORTUGAL.** Radio Portugal has this M82 North American sked.  
 0300-0330 6025, 11925 ECNA  
 0500-0530 6100, 9575 WCNA  
 (Off the air)

**SINGAPORE.** Radio Singapore has this sked for the English service.  
 2230-1605 5010, 5052, 11940  
 (BBCMS)

**SOUTH AFRICA.** Radio RSA has this North American M82 sked.  
 0157-0257 5980\*, 9580, 11900\*,  
 15325  
 \* = 500 kw, others 250 kw.  
 (R. Zilmer)

**SWAZILAND.** Trans World Radio in Manzini has this M82 schedule.  
 0430-0445 5055 South Africa  
 0445-0630 5055 " "  
 9640 " "  
 0645-0835 9640 " "  
 11760 " "  
 1200-1400 9640 " "  
 1530-1600\* 11740 East, Central Afr.  
 1600-1700 11740 " "  
 7195 South Africa  
 1800-1945+ 6070 " "  
 1800-2015- 6070 " "  
 \* = Sunday only  
 + = Monday thru Friday  
 - = Saturday & Sunday  
 (T. Black, C. George)

**USA.** Here is the new M82 schedule for WRNO-New Orleans.  
 0000-0200 9725 ECNA, Europe  
 0200-0600 6155 " "  
 0600-0800 6115 " "  
 0800-1000\* 6115 ECNA  
 1000-1200\* 9715 " "  
 1200-1800\* 11925 " "  
 1800-2200 15420 ECNA, Europe  
 2200-0000 11955 " "  
 \* = Sunday only  
 (J. Flanagan, M. Gwinn, K. Krist, D. McCants, C. Michael, L. Taylor)

**VIETNAM.** The Voice Of Vietnam in Hanoi has this undated sked.  
 1000-1030 10040, 10080, 11750, 12035  
 1100-1130 " " " " "  
 1330-1430 " " " " "  
 1530-1630 10040, 10080, 15012  
 1800-1900 " " " " "  
 2030-2130 " " " " "  
 2330-0000 10040, 10080, 11750, 12035  
 (B. Annis, G. Thompson)

Well, that's all for this month. Hope you have a good month ahead.  
 73s/God Bless,  
 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.

Hello Gang: A good deal of loggings this month, so let's get right to the presentation.....

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

AK...: 6506.4 U 1233 NOJ- CG Kodiak wkg Lima 7 Tango (JDM-MN)  
8903 3 1855 KIS70- Anchorage Aero - VOLMET b/c (TFS-CA)  
BER.: 12709.2 C 1638 VRT- C&W Hamilton - V mkr (HGJ-TX)  
CAN.: 3330 A 2350 CHU- SPTS Ottawa-EE/FF (KWK-VA)  
4307 C 0644 CKN- CANMIL Vancouver - ??? (TS-BC)  
4376 C 0650 VAP- Churchill CG R. - ????? (TS-BC)  
5610 3 0603 VFG- Gander Aero wkg Clipper 104 (RMS-NY)  
5652 3 var. VFG- Gander Aero wkg Pakistani 712 (\*JAB-TX)  
6753 U 0230 VXA- CANMIL Edmonton - WX b/c (DAH-VA)  
6946 C 1125 CKN- CANMIL Vancouver - V mkr (SC-AUST)  
7954 U 0630 Vancouver R/T - tfc (RM-CA)  
8697 C 0243 CFH- CANMIL Halifax - Cq mkr (RBO-CA)  
8737.5 U 0458 VAI- Vancouver CG R. wkg m/v Cathrenia (JCH-MD)  
8868 3 var. VFG- Gander Aero - VOLMET(EFK-TX) (JDM-MN) (RNP-CT)  
8910 3 0531 VAP- Churchill CG R. wkg Clipper 120 (JCH-MD)  
9006 U 0733 CHR- CANMIL Trenton - WX b/c (PAT-CA)  
11233 U 1617 CHR- CANMIL Trenton wkg a/c 5884 (RMA-LA)  
11233 U 1422 CHR- CANMIL Trenton wkg a/c 9010 (JDM-MN)  
12125 C 1937 CKN- CANMIL Vancouver - V mkr (PAT-CA)  
12876 C 1515 VAI- Vancouver CG R. - V/GSX mkr (RMA-LA)  
13270 3 var. VFG- Gander Aero - VOLMET (RUL-GA) (MJS-ONT)  
(KWK-VA) (CP-OO) (RAD-MA) - moved from 13272 kHz...  
15035 U 2120 VXA- CANMIL Edmonton - WX b/c (RMS-NY)  
15035 U 1933 CHR- Trenton CANMIL - WX b/c (KWK-VA)  
15035 U 1245 CJK- CANMIL St. Johns - WX b/c (JDM-MN)  
15038 U 2230 CJK- CANMIL St. Johns - wkg Ottawa Base (HCB-WA)  
15920 C 1455 CFH- CANMIL Halifax - NANS b/c (HGJ-TX)  
MEX.: 12703 C 2027 XFL- Mazatlan MARCO - Cq mkr (HGJ-TX)  
12829 C var. XFW- Manzanillo MARCO - Cq mkr (PAT-CA) (RBC-CA)  
USA.: 2182 U 0423 CG Cape Hatteras wkg Oscar Zulu Lima Zulu (JCH-MD)  
2182 U 0235 NMA- CG Miami ckg m/v Olympic Star (PEP-SC)  
2182 U 0426 NMF31- CG Portland ME ckg m/v Eagle (JCH-MD)  
2638 U 0509 NMF2- CG Woods Hole MA wkg Judith Lee Rose (RMS-NY)  
2670 U 0554 NMG- CG New Orleans LA - NFM b/c (RMS-NY)  
4350a U 0606 KMI- San Francisco MARCO - Marine WX (PTK-IL)  
4363 U 0347 WOM- Ft. Lauderdale MARCO wkg Hummingbird (JRT-MS)

DEADLINE:  
12th Day of  
the Month

\*\*\*\* AIRCRAFT \*\*\*\*

3123 U 0506 CG 1502 wkg CG San Francisco CA (HPT-WV)  
5610 U 0457 SPEEDBIRD 262 wkg New York Aero (RMS-NY)  
5610 3 0459 AIR FRANCE 022 wkg Gander Aero (RMS-NY)  
5610 3 0633 NIGERIAN 850 wkg Santa Maria Aero (RMS-NY)  
5696 U 0034 CG 1350 wkg CG Miami FL (RAL-OH)  
5696 U 1150 CG 1434 p/p with Norfolk RCC via ?? (EDK-MI)  
6540 3 0224 ALITALIA 567 wkg San Juan Aero (DAH-VA)  
6540 3 0311 LIBERIA 930 wkg San Juan Aero (\*JAB-TX)  
6540 3 0800 CENTRAL AMERICA 1020 wkg New York Aero. (RAD-MA)  
6540 3 0102 SPEEDBIRD 295 wkg Gander Aero (RAL-OH)  
6540 U 0451 MAC 50271 wkg New York Aero (CP-OO)  
6683 L 0605 CG #1 wkg Andrews AFB MD (RUL-KS)  
6738 U 1438 MAC 60200 wkg Clark Aways (CP-OO)  
6750 U 0204 QUEBEC ECHO 11 wkg Yokota Aways (CP-OO)  
6750 U 0204 MAC 50267 wkg MacDill Aways (MDC-NY)  
8847 U 0726 KIMI 901 (RNZAF) wkg Auckland Aero (RMS-NY)  
8847 3 0725 CLIPPER 201 ckg Piarco Aero (RMS-NY)  
8903 U 0125 FLIGHT 837 ckg Montreal (possible LDCC tfe) (TFS-CA)  
8910 3 0234 SCANDNAVIAN 938 wkg Churchill Aero (CP-OO)  
8931 3 0116 UNITED 193 wkg San Francisco Aero (CP-OO)  
8945 3 0138 AEROMEXICO 451 wkg Santa Maria Aero (DAH-VA)  
8945 3 0355 AVIANCA 011 wkg New York Aero (RMS-NY)  
8945 3 0243 PORTUGUESE 315 wkg Santa Maria Aero (JDM-MN)  
8964 U 2146 MAC ?7769 ckg Hickam Aways (EFK-TX)  
8964 U 1525 MAC 60182 wkg Hickam Aways (CP-OO)  
8967 U 1413 MAC 50234 wkg Andersen Aways (CP-OO)  
8969 U 1837 CG 1603 wkg McClellan Aways (TFS-CA)  
8989 U 0312 MAC 40632 wkg McClellan Aways (EFK-TX)  
8989 U 1417 WORLD 805 wkg Elmendorf Aways (CP-OO)  
8989 U 0151 MAC 50241 wkg McClellan Aways (EFK-TX)  
8990 U 0231 SAUDI 902 wkg Jeddah LDCC (RUL-GA)  
8993 U 2346 AIRWAC 60451 p/p Patrick AFB via MacDill Aways (RUL-GA)  
9018 U 0235 MAC 60209 ckg Ascension Aways (JDM-WN)  
9018 U 0022 CG #1 p/p via Andrews AFB MD (RAL-OH)  
10049 3 0201 ARGENTINA 115 wkg Dakar Aero (RUL-GA)  
10049 3 0207 TANGO PAPA 376 wkg Dakar Aero (RUL-GA)  
11182 U 1322 MAC 60157 wkg Scott Aways (JDM-WN)  
11239 U 0516 MAC 50234 p/p to Travis CP via McClellan Aways (LMT-AZ)  
11239 U 0133 KING 55 p/p to March Metro via McClellan Aways (CP-OO)  
11246 U 1815 CG 1347 ckg MacDill Aways (RUL-GA)



11246 U 1710 MAC 40650 p/p to Corpus Christi via MacDill Aways(HGJ-TX)  
 11246 U 1334 MAC 40613 wkg MacDill Aways (RAL-OH)  
 11246 U 1933 MAC 40636 wkg MacDill Aways (JDW-MN)  
 11249 U 1825 RESCUE 101 p/p Halifax CG via CANMIL Halifax (GHS-IL)  
 11249 U 1818 CG 1504 wkg Halifax MIi-rescue Mekhanik Tarasov (RAL)  
 11300 3 2050 ZAMBIA 1945 wkg Nairobi Aero (RJI-GA)  
 11300 3 2052 GERMAN CARGO U.O. wkg Khartoum, Nairobi, Cairo (RJI-GA)  
 11324 3 2313 SPRINGBOK 287 wkg Johannesburg LDOC (RJI-GA)  
 11367 3 2236 N.2.W.L. (corp a/c) wkg New York Aero (AJR-NY)  
 11367 3 1915 N.13C.W. (corp a/c) wkg New York Aero (AJR-NY)  
 11367 3 1844 CAPITAL 163 wkg New York Aero (RAL-OH)  
 11367 3 1050 QUEBEC AIR 540 wkg New York Aero (RAD-WA)  
 11367 3 1832 AIR CANADA 068 wkg New York & San Juan Aero (HPT-NV)  
 11367 3 1443 N.2.W.L. (corp a/c) wkg New York Aero (RJI-GA)  
 11387 3 1435 FLYING TIGER 3662 wkg New York Aero (RJI-GA)  
 11387 3 1433 AMERICAN 215 wkg San Juan Aero (RJI-GA)  
 11387 3 1432 AMERICAN 655 wkg New York Aero (RJI-GA)  
 11387 3 2102 N.783 A. (corp a/c) wkg New York/San Juan Aero (RJI-GA)  
 13296 C 2250 HOWMR (Aeroflot a/c) callup to RPNV (MDO-NY)  
 13296 U 1831 CUBANA 485 wkg Boyeros Control-possible LDOC (RJI-GA)  
 13297 3 2047 AIR CANADA 973 wkg New York Aero (RJI-GA)  
 13304 3 2048 NIGERIAN 980 clg Kano Aero (RJI-GA)  
 13306 U 1824 MAC 50276 wkg New York Aero (RJI-GA)  
 13312 3 2236 UNITED 180 wkg San Francisco Aero (CP-CO)  
 15015 U 2126 WORLD 806 clg Scott Aways (EPK-YX)  
 \*\*\*\*\* TACTICAL \*\*\*\*\*  
 3236 U 0226 LIMA 60 wkg LIMA 62 (LUS-CO)  
 3618 U 0728 OSCAR UNIFORM ECHO 2 wkg Tango Sierra Echo 4 (BG-ITLY)  
 4367a U 0325 INDIA CHARLIE 6 wkg CHARLIE 7 JULIETT (RMA-IA)  
 4561 U 0214 BROKEN GLASS wkg CANOE RACE & CONGO CANOE (LUS-CO)  
 4563a U 0742 ASTATIC wkg CAPELLOT (RMA-IA)  
 4722 U 0447 UNIFORM 4 wkg QUEBEC 7 PAPA (RAL-OH)  
 6210 U 1059 ALFA 9 WHISKEY wkg XRAY 1 TANGO, etc (JRG-WS)  
 6683 L 0414 AIR FORCE 2 p/p SAM COMMAND via Andrews AFB (GHS-IL)  
 6697 U 1414 SAM 86972 p/p to Loop Pool via Andrews (MDC-NY)  
 6697 U 0005 QUEBEC 0 ROMEO wkg CHARLIE 6 INDIA (RAL-OH)  
 6697 U 0153 8 YANKEE SIERRA wkg 3 VICTOR HOTEL (\*JAB-TX)  
 6715 U 1534 SAM 86972 wkg Andrews AFB MD (RAL-OH)  
 6715 U 1450 AIR FORCE 2 wkg Andrews AFB MD (MDC-NY)  
 6715 U 1415 SAM 26000 wkg Andrews AFB MD (RAL-OH)  
 6720 U 0503 ECHO SIERRA wkg ALFA FOXTROT (RAL-OH)  
 6720 U 0306 3 FOXTROT TANGO wkg 4 QUEBEC ECHO (DAH-WA)  
 6723 U 1457 GHEY EAGLE (USS Ranger) wkg Raspberry Beaver (CP-CO)

11246 U 1710 MAC 40650 p/p to Corpus Christi via MacDill Aways(HGJ-TX)  
 11246 U 1334 MAC 40613 wkg MacDill Aways (RAL-OH)  
 11246 U 1933 MAC 40636 wkg MacDill Aways (JDW-MN)  
 11249 U 1825 RESCUE 101 p/p Halifax CG via CANMIL Halifax (GHS-IL)  
 11249 U 1818 CG 1504 wkg Halifax MIi-rescue Mekhanik Tarasov (RAL)  
 11300 3 2050 ZAMBIA 1945 wkg Nairobi Aero (RJI-GA)  
 11300 3 2052 GERMAN CARGO U.O. wkg Khartoum, Nairobi, Cairo (RJI-GA)  
 11324 3 2313 SPRINGBOK 287 wkg Johannesburg LDOC (RJI-GA)  
 11367 3 2236 N.2.W.L. (corp a/c) wkg New York Aero (AJR-NY)  
 11367 3 1915 N.13C.W. (corp a/c) wkg New York Aero (AJR-NY)  
 11367 3 1844 CAPITAL 163 wkg New York Aero (RAL-OH)  
 11367 3 1050 QUEBEC AIR 540 wkg New York Aero (RAD-WA)  
 11367 3 1832 AIR CANADA 068 wkg New York & San Juan Aero (HPT-NV)  
 11387 3 1443 N.2.W.L. (corp a/c) wkg New York Aero (RJI-GA)  
 11387 3 1435 FLYING TIGER 3662 wkg New York Aero (RJI-GA)  
 11387 3 1433 AMERICAN 215 wkg San Juan Aero (RJI-GA)  
 11387 3 1432 AMERICAN 655 wkg New York Aero (RJI-GA)  
 11387 3 2102 N.783 A. (corp a/c) wkg New York/San Juan Aero (RJI-GA)  
 13296 C 2250 HOWMR (Aeroflot a/c) callup to RPNV (MDO-NY)  
 13296 U 1831 CUBANA 485 wkg Boyeros Control-possible LDOC (RJI-GA)  
 13297 3 2047 AIR CANADA 973 wkg New York Aero (RJI-GA)  
 13304 3 2048 NIGERIAN 980 clg Kano Aero (RJI-GA)  
 13306 U 1824 MAC 50276 wkg New York Aero (RJI-GA)  
 13312 3 2236 UNITED 180 wkg San Francisco Aero (CP-CO)  
 15015 U 2126 WORLD 806 clg Scott Aways (EPK-YX)  
 \*\*\*\*\* TACTICAL \*\*\*\*\*  
 3236 U 0226 LIMA 60 wkg LIMA 62 (LUS-CO)  
 3618 U 0728 OSCAR UNIFORM ECHO 2 wkg Tango Sierra Echo 4 (BG-ITLY)  
 4367a U 0325 INDIA CHARLIE 6 wkg CHARLIE 7 JULIETT (RMA-IA)  
 4561 U 0214 BROKEN GLASS wkg CANOE RACE & CONGO CANOE (LUS-CO)  
 4563a U 0742 ASTATIC wkg CAPELLOT (RMA-IA)  
 4722 U 0447 UNIFORM 4 wkg QUEBEC 7 PAPA (RAL-OH)  
 6210 U 1059 ALFA 9 WHISKEY wkg XRAY 1 TANGO, etc (JRG-WS)  
 6683 L 0414 AIR FORCE 2 p/p SAM COMMAND via Andrews AFB (GHS-IL)  
 6697 U 1414 SAM 86972 p/p to Loop Pool via Andrews (MDC-NY)  
 6697 U 0005 QUEBEC 0 ROMEO wkg CHARLIE 6 INDIA (RAL-OH)  
 6697 U 0153 8 YANKEE SIERRA wkg 3 VICTOR HOTEL (\*JAB-TX)  
 6715 U 1534 SAM 86972 wkg Andrews AFB MD (RAL-OH)  
 6715 U 1450 AIR FORCE 2 wkg Andrews AFB MD (MDC-NY)  
 6715 U 1415 SAM 26000 wkg Andrews AFB MD (RAL-OH)  
 6720 U 0503 ECHO SIERRA wkg ALFA FOXTROT (RAL-OH)  
 6720 U 0306 3 FOXTROT TANGO wkg 4 QUEBEC ECHO (DAH-WA)  
 6723 U 1457 GHEY EAGLE (USS Ranger) wkg Raspberry Beaver (CP-CO)

WOM- Ft. Lauderdale MARCO wkg m/v Starward (DAH-WA)  
 WNU- Slidell MARCO - WX, tfc list (\*JAB-TX)  
 KMF712- QTH?? wkg Rig 81 (JRG-MS)  
 KSF70- Oakland Aero- VOLMET (PTK-IL) (RSR-ONT)  
 (SH-QUE)  
 WSY70- New York Aero - VOLMET (PTK-IL) (RAD-WA)  
 (RSR-ONT) (KWK-VA) (WS-CA) (no name)  
 NMC- CG San Francisco wkg NOAA Discoverer (JDM-MN)  
 NMC- CG San Francisco clg CGG Confidence (JDM-MN)  
 NMA- CG Miami wkg CGG Cape Fox (JCH-MD)  
 KR- St. Louis MO INMAR wkg Nat'l Energy (EPK-TX)  
 KKO- Bridge City TX MARCO wkg Nancy B (EPK-TX)  
 WFE- Houston TX MARCO - wkg WX6278 (EPK-TX)  
 KLS- Houston TX MARCO - wkg WY6753 (EPK-TX)  
 KLW61- VOA Greenville feeder (\*JAB-TX)  
 VOA Greenville feeder (RF-MA)  
 VOA Greenville feeder (RF-MA)  
 NAM- NOS Norfolk VA - ??? (TS-BC)  
 8090 C 0659 WME- Pittsborough PA INMAR wkg m/v Omega (SH-QUE)  
 8213 U 2345 WPE- Jacksonville FA MARCO wkg Centurion (no name)  
 8291.1 U 0036 WPC- Jacksonville FA MARCO wkg Centurion (no name)  
 8525 C 0530 WNU33- Slidell LA MARCO wkg Overseas Valdez(RMA)  
 8574 C 1314 NMC- CG San Francisco - clg NGKY (RMA-IA)  
 8728.2 U 0303 KWI- San Francisco MARCO - tfc list (JDM-MN)  
 8747 U 2237 WOM- Ft. Lauderdale MARCO - marine WX (JRG-MS)  
 8765.4 U 0440 NMC- CG San Francisco - marine WX (RMS-NY)  
 8868 3 0041 WSY70- New York Aero - VOLMET (EPK-TX)  
 8903 3 0429 KSF70- Oakland Aero - VOLMET (EPK-TX)  
 8931 3 0429 San Francisco Aero wkg New Zealand 5831 (AJR-NY)  
 8984 U 0058 NMG8- CGAS New Orleans wkg CG 1369 (JCH-MD)  
 8989 U 0252 APE8- MacDill Aways wkg SPAR 60 (EPK-TX)  
 9014 U 1424 AFG9- Scott Aways - p/p for BLAY 80 (CP-CO)  
 9014 U 0113 AFL2- Loring Aways wkg Lima Lima 783 (JCH-MD)  
 9018 U 0615 WVV- Scott Aways - p/p for Rescue 12 (RMS-NY)  
 10000 A 2337 WVV- SFTS Fort Collins CO (KWK-VA)  
 11182 U 1652 AFG9- Scott Aways -p/p for HUTCH 63 (RAD-WA)  
 11249 U 2240 APE8- Macbill Aways wkg a/c 2702 (HJD-MN)  
 11367 3 1634 KEA5- N.Y. Aero wkg Cubana 481 & 484 (\*JAB-TX)  
 11367 3 0246 KEA5- N.Y. Aero wkg GNAOM(Moroccan AF) (AJR-NY)  
 11387 3 2148 KEA5- N.Y. Aero wkg American 667 (RMS-NY)  
 11448 C 1525 KNY37- GDR Embassy, Wash DC - QRA mkr (DLW-OH)  
 12216 U 1553 WCY903- FEWA Olney MD wkg WCY905 (JRG-MS)  
 12429.2 U 1911 WRF- QTH ?? wkg XPHS Charleston (JCH-MD)  
 12432.3 U 1925 RUZ523- QTH ?? wkg m/v Ambassador (JCH-MD)  
 12435.4 U 1945 KMD254- QTH ?? wkg m/v Festival (JCH-MD)  
 12435.4 U 1950 WEG- QTH ?? wkg m/v Isabelle (JCH-MD)

USA.: 12435.4 U 2010 WJU- Louisville wkg m/v Steel Clipper (JOH-MD)  
12704.5 C 0058 WLO- Mobile AL MARCO - DE/QRG mkr (RMA-LA)  
12997.5 C 1951 WSI- Amagansett NY MARCO - CQ mkr (PAT-CA)  
13113.2 U var. NMI- CG Portsmouth VA - NTM (RMS-NY) (JRJ-MS)  
13113.2 U 2248 NMC- CG San Francisco - NTM (JRJ-MS)  
13116 U 1845 WOM- Ft. Lauderdale MARCO wkg Captain Lee (JRJ-MS)  
13122 U 1824 WOM- Ft. Laud. MARCO wkg Thunderbird (JRJ-MS)  
13216 U 1850 WOM- Ft. Laud. MARCO wkg David P. Reynolds (JRJ-MS)  
13244 U 1845 WFE8- MacDill Aways wkg Quebec Charlie Alifa (RAD-MA)  
13272 3 var. WST770- N.Y. Aero VOLMET (RAD-MA) (JRJ-MS)  
13328 3 1715 KEA5- N.Y. Aero wkg a/c 23145 (RAD-MA)  
13336 3 2357 San Francisco Aero wkg 707 WB (AJR-NY)  
13344 3 var. KSF70- Oakland Aero-VOLMET (LMT-AZ) (JRJ-MS)  
13945 C 1426 WQB23- US Liberia Corp.Akron - QRA mkr (\*JAB-TX)  
15000 A 2043 WVI- SFTS Fort Collins CO (KWK-VA)  
15015 U 2245 AF09- Scott Aways- P/p for RAT 71 (EFK-TX)  
15077 U 1932 AF09- Scott Aways wkg MAC 40616 (JRJ-MS)  
15615 L 1930 VOA Greenville feeder (RAD-MA)  
16587.1 U 2002 KFN463- QTH ?? wkg m/v Nobel Explorer (JOH-MD)  
16587.1 U 1836 KUF- QTH ?? wkg WHAS Pennsylvania Sun (JCH-MD)  
16587.1 U 2017 KHU- San Diego CA wkg m/v Scorpio One (JCH-MD)  
16587.1 U 1830 WRF- QTH ?? wkg m/v Sealand Tampa (JCH-MD)  
16587.1 U 1822 KHT- Cedar Rapids IA wkg President Hoover (JOH-MD)  
16587.1 U 1944 KEC- New Orleans LA wkg Papa Echo Lima Bravo (JCH)  
16593.3 U 1804 KWD- Houston TX MARCO wkg Memphis Star (JOH-MD)  
16806.9 C 2310 NMG- CG San Francisco CA - CQ/QSX mkr (AM-UK)  
17007.2 C 1840 KLB- Marysville WA - CQ/QSX mkr (PAT-CA)  
17263.9 U 2333 WOM- Ft. Lauderdale MARCO - WX b/c (SG-AUST)  
17267 U 1925 KVH- NOAA Norfolk Marine Center wkg NOAA vessel Mount Mitchell (JRJ-MS)  
17267 U 2002 KVM- NOAA Norfolk MARCTR wkg NOAA Pierce (TU-AL)  
17279 U 1933 WOM- Ft. Lauderdale MARCO wkg Sea Lion 1 (JRJ-MS)  
17310 U 2134 WOO- Ocean Gate MARCO wkg m/v Aurora (JRJ-MS)  
17326 U 1947 WOO- Ocean Gate MARCO wkg Rotterdam (JRJ-MS)  
18131 L 0045 VOA Greenville feeder (RAD-MA)  
20000 A 2045 WVU- SPTS Fort Collins CO (KWK-VA)  
22431 C 2125 WNU3- Sliedell LA MARCO - CQ/QSX mkr (PAT-CA)  
22437.6 C 2118 WNU5- Sliedell LA MARCO - CQ/QSX mkr (PAT-CA)  
22484.9 C 2115 WSL- Amagansett NY MARCO - CQ/QSX mkr (PAT-CA)  
22490a C 2105 WCC- Chatham MA MARCO - DE mkr (SN-TX)  
22695 U 2210 KVV- NOAA Pacific Marine Center, Seattle WA wkg WFEA NOAA Discoverer (JRJ-MS)  
23905a C 1759 KGV50- USDOS Wash DC - QRA mkr (SN-TX)  
24930 U 0132 KK2xJM- experimental HAM beacon, Daytona Beach FL (MSH-CA)

U 0242 SPAR 76 wkg Andrews AFB MD (GHS-IL)  
U 1432 SAM 24199 P/p via Andrews AFB MD (RAL-OH)  
U 1353 SAM 12488 P/p Hanger #1 via Andrews AFB (RAL-OH)  
U 2307 SPAR 56 P/p SAM CP via Andrews AFB (RAL-OH)  
U 0347 SAM 31681 wkg Andrews AFB MD (RAL-OH)  
U 1245 SAM 86970 wkg Andrews AFB MD (RAL-OH)  
U 0501 SAM 31681 wkg Andrews AFB MD (RAL-OH)  
U 0501 LIMA LIMA 77 wkg PAPA HOTEL 65 (EDK-MI)  
U 0446 1 INDIA ALFA wkg 1 VICTOR OSCAR (DAH-VA)  
U 0800 BAKER 5 ckg for radio check (SG-AUST)  
U 0203 NOVEMBER 3 PAPA wkg LIMA 8 FOXTROT (DAH-VA)  
U 0210 PAC RADIO MAINTENANCE ckg Hickam Aways (MDC-NY)  
U 0231 BABE 15 ckg LaJes Aways (MDC-NY)  
U 0030 6 LIMA ALFA wkg MIKE 1 SIERRA (EFK-TX)  
U 0513 NOVEMBER 2 XRAY wkg 6 OSCAR DELTA (CP-CO)  
U 1610 KING 17 ckg MacDill Aways for r/c (RUL-CA)  
U 0302 NAVY PAPA GOLF 08 (P-3) wkg McCallan Aways (EFK-TX)  
U 0308 KING 91 wkg McCallan Aways (EFK-TX)  
U 0044 GULL 18 (WX/R) P/p Mather Monitor via MacDill (RUL-CA)  
U 0214 SAM 31682 P/p Andrews Metro via Andrews (MDC-NY)  
U 0537 JANITOR wkg a/c 214 (RAL-OH)  
U 1834 SAM 12488 P/p Tinker Metro via Andrews (RAL-OH)  
U 1755 SAM 12493 P/p SAM CP via Andrews AFB (GHS-IL)  
U 1831 SUBMARINE 50515 wkg Andrews with r/c (RAL-OH)  
U 0236 SPAR 76 wkg Andrews AFB (GHS-IL)  
U 1746 TROUT 98 P/p Trout Ops via Andrews (GHS-IL)  
U 1745 SAM 24197 P/p via Andrews AFB MD (RAL-OH)  
U 1853 SAM 12490 wkg Andrews AFB (GHS-IL)  
U 2100 CABLE CAR P/p to Station 3046 via Andrews (RAL-OH)  
U 1823 SAM 12496 wkg Andrews AFB (GHS-IL)  
U 1514 OUTLAY ckg Arizona Pete & Tango Tango (CP-CO)  
U 0512 ARCHITECT (RAF?) wkg ALFA LIMA LIMA 6004 (JOH-MD)  
U 1423 HUMPHREY attempting r/c with Aways stas (RMA-IA)  
U 1624 SIERRA HOTEL 006 P/p North Is. NAS via Scott (RJI-CA)  
U 1622 ESCOT 4896 (RAF) P/p Patrick AFB via Scott (RJI-CA)  
U 2234 EDGY 27 P/p to Raymond 24 via Scott (RJI-CA)  
U 1622 KING 06 P/p via Scott Aways (CP-CO)  
U 1757 EDGY 13 P/p Radar Shop via Scott Aways (RAL-OH)  
U 1455 ABORT 63 P/p via Scott Aways (LMT-AZ)  
U 0500 CROSSCUT (ASWOC Barbers Pt. NAS) wkg U. S. (RAL-OH)  
U 1918 DELTA KILLO wkg GOLF WHISKEY, KILLO MIKE, etc (RJI-CA)  
U 0241 ECHO KILLO wkg GOLF WHISKEY (CP-CO)  
U 1814 EDGY 22 wkg EDGY 23 (RJI-CA)  
U 0044 AIR FORCE 1 P/p CROWN & AF Ops via Andrews (GHS-IL)  
U 2325 SAM 86971 wkg Andrews AFB (GHS-IL)

USA.: 25500a C 2105 NAM- NCS Norfolk VA - CQ/MC mkr (SN-TX)  
 25590 C 1900 NAM- NCS Norfolk VA - WX b/c (TFS-GA)

PANA: 8993 U 0123 AHF2- Albrook Aways wkg a/c 279 (JCH-MD)  
 15015 U 2330 AHF2- Albrook Aways wkg MAC 59399 (RMA-IA)  
 15015 U 2253 AHF2- Albrook Aways wkg MAC 70025 (EFR-TX)

CUBA: 7660 C 2310 CLN78- Havana FTP clg UCA Odessa (AM-UK)  
 11387 3 2153 Boyeros Aero wkg N.Y. Aero (RMS-NY)  
 14411 C 2030 YL736- GDR Embassy Havana - V/QRA mkr (AM-UK)  
 14968 C 2210 CUP1- MINREX EMBACUBA Havana-clg CLP45 (RMA-IA)  
 22740a C 1706 CLP2- Fort de France MARCO- CQ mkr(HGJ-TX)(JDM-MN)

MART: 4263 C var. FUF- FF NAVRAD Ft. de France - V mkr (AK-MD)(HGJ)  
 16961.5 C var. FUF- FF NAVRAD Ft. de France - V mkr (SN-TX)  
 22350a C 2145 FUF- DU NAVRAD Suffisant - V/MC mkr (AM-UK)  
 12655.7 C 2330 FUF- FF NAVRAD Ft. de France - V mkr (SN-TX)

NETA: 12655.7 C 2330 San Juan Aero wkg New York Aero (RMS-NY)  
 P.R.: 6540 C 0358 San Juan Aero wkg Aeroflot 333 (\*JAB-TX)  
 8945 C 0414 San Juan Aero wkg Aero (RMA-IA)  
 12700 C 0226 NMR- CG San Juan - CQ mkr (RMA-IA)

ASCN: 8993 U 0415 AFD14- Ascension Aways wkg MAC 50279 (CP-CO)  
 8993 U 2352 AFD14- Ascension Aways clg M.K.I H. (RUL-GA)  
 13244 U 1940 AFD14- Ascension Aways wkg MAC ??? (HJR-FRG)

BRZL: 8855 3 0454 Recife Aero wkg Air France 091 (HJR-MD)  
 8882 3 0702 Rio de Janeiro Aero wkg Alitalia 157 (RMS-NY)  
 10049 3 ---- Recife Aero wkg Avensa 7401 (AJR-NY)

COLO: 12840 C 0509 PPO- Olinda MARCO - DE mkr (RBC-CA)  
 4279 C 0048 HKB- Barranquilla MARCO - CQ mkr (HCJ-TX)  
 12854.5 C 0255 HKB- Buenaventura MARCO - DE/QSX mkr (JDM-MN)  
 19087.5 C 0309 HKB- Barranquilla MARCO - CQ mkr (JDM-MN)

ECUA: 7600 A var. HD2108- SFTS Guayaquil (BS-MI) (KWK-VA)  
 FALK: 24145 U 1625 VPC24- C&W Port Stanley - EE/OK/YM (HGJ-TX)  
 13998 U 0730 CESA7- NAVRAD So. Shetland clg CE2AH (HJR-FRG)

SOCI: 2234 Paramaribo Aero wkg Belem Aero (RMS-NY)  
 SURI: 8847 C 0345 YVTO- SFTS Caracas (GLT-NP)

VENE: 6100 C 0345 \*\*\*\* EUROPE \*\*\*\*

AZOR: 5610 3 0607 CSY- Santa Maria Aero wkg Springbok 211 (RMS-NY)  
 8945 3 0056 CSY- Santa Maria Aero wkg KLM 762 (EFK-TX)

BELG: 13937.5 C 0820 CUNY2- LaJes Aways- all freq call GYNCAL(MDC-NY)  
 18467 L 2025 OR128- FTP Brussels - BE/FL/FF/YM (HCB-WA)  
 22351.5 C 1652 CSY72- Oostende MARCO - V/CQ mkr (JDM-MN)

U 1605 SAM 31683 p/p to CP via MacDill Aways (RMA-IA)  
 U 1807 GULL 17 (WX/R) p/p Gull Ops via MacDill (RJI-GA)  
 U 1934 ROCKER p/p Station 3530 via MacDill (RAL-OH)  
 U 2058 LOOPFA wkg MacDill Aways (RJI-GA)  
 U 0125 BRUNETTE wkg IRBADIATE, CANWIL Trenton/Edmonton(WJS-ONT)  
 U 1615 LIMA 18 clg MacDill Aways (RJI-GA)  
 U 1928 FLOUR 73 wkg PYRAMID (RAL-OH)  
 U 0509 TIKI 59 r/c with GORILLA (RMA-IA)  
 U 2225 DAVID 85 wkg MANGO (RAD-WA)  
 U 2056 MUSEUM wkg PIRATE CONTROL (RAL-OH)  
 U 0150 DRY RUN wkg ACTUAL (WJS-ONT)  
 U 1532 HAWK 01 wkg MacDill Aways (MDC-NY)  
 U 1535 JAKE 49 r/c with MacDill Aways (JDM-MN)  
 U 1708 LIMA VICTOR 66 wkg MacDill Aways (HGJ-TX)  
 U 1813 LEAL 32 (WX/R) wkg MacDill Aways (RJI-GA)  
 U 0221 TEAL 14 - p/p to Mather Monitor via MacDill (RJI-GA)  
 U var. DELTA VICTOR 2 OSCAR wkg MacDill (GHS-IL)(CP-CO)  
 U 2115 OTIS 14 - p/p to Norfolk Metro, Otis Ops (RJI-GA)  
 U 0514 HOLLOWAY wkg ROMEO 715 (RAL-OH)  
 U 0250 BURNING BUSH clg VICTOR JULIETT (LJS-CO)  
 U 0112 BRAVO 6 BRAVO-p/p to PICASSO via 0.7 K. (MDC-NY)  
 U 0453 GOLF CLUB r/c with STEREO (GHS-IL)  
 U 1320 OSCAR 2 HOTEL wkg FOXTROT 4 FOXTROT (RAL-OH)  
 U 1623 QUEEN wkg JOLLY 67 (ARRS) (RJI-GA)  
 U 1647 KING 06 wkg QUEEN (RJI-GA)  
 U 1907 LIMA 3 LIMA 04 wkg YANKEE 6 NOV. 01 (RAL-OH)  
 U 0105 CAMPBELL wkg CAMPBELL ONE (LJS-CO)  
 L 1330 SAM 50496 - p/p via Andrews AFB (RAL-OH)  
 L 1831 SPAR 76 p/p via Andrews AFB (GHS-IL)  
 L 2035 AIR FORCE 2 p/p to CROWN via Andrews AFB (JCH-MD)  
 U 2244 FURRY 31 p/p to JONAH CONTROL via GOALPOST (CP-CO)  
 U 1925 TROUT 98 p/p via MacDill Aways (RAL-OH)  
 U 2226 SAM 12493 p/p SAM COMMAND via AndrewsAFB (MDC-NY)  
 U 0100 ZULU 51 ZULU wkg MIKE ROMEO 8 PAPA (LJS-CO)  
 U 2059 BED PAN wkg ABBARIATION (LJS-CO)  
 L 1940 AGAR 06 p/p to Raymond 24 via Scott Aways (RMA-IA)  
 U 2241 EDGY 26 p/p to Raymond 24 via GHS-IL)  
 L 1940 AGAR 06 p/p to GABBY via ??? (GHS-IL)  
 U 1945 ARCHITECT wkg 3 FOXTROT MIKE 46 with WX (MDC-NY)  
 S 1437 WATERBUG 699 (a/c) wkg WATERBUG ALFA (LJS-CO)  
 U 2128 KILO ROMEO 974 wkg McClellan Aways (RJI-GA)  
 U 1952 GRUB 24 wkg Albrook Aways (CP-CO)  
 U 1933 SAM 24130 p/p MacDill Metro via Andrews (RAL-OH)  
 U 1601 CONDOR 700 p/p to SPENCER via Atlas (RJI-GA)  
 U 1520 SHARK 167 p/p to MARLIN 395 via Atlas (LMT-AZ)

BELG.: 22532 C 1540 OSTV - Oostende MARCO - V Mkr (GLT-NM)  
 25020a C 1800 OSTV - Oostende MARCO - V Mkr (SN-TX)  
 CYPF: 8737.7 U 0900 5BA42- Nicosia MARCO - EE/OM/YM (JCH-MD)  
 13971 U 0100 VKN9- CFARS Nicosia wkg CIW60 & 647 (RJI-GA)  
 15755 L 0935 MKE- RAF Akrotiri - t/c to London (AM-UK)  
 20600 L 1212 MKD- RAF Akrotiri - t/c to London (AM-UK)  
 CZBG: 3170 A 1815 OLB3- SFTS Podebrady (Prague) (BC-ITLY)  
 DEN.: 17068.7 C 1530 OXZ88- Lyngby MARCO - CQ mkr (GLT-NM)  
 ENG.: 4722 U 0425 MVU- West Drayton VOLMET (RMS-NY)  
 5400 C 0835 GZU- RN MAVRAD Petersfield - 5 mkr (AM-UK)  
 5680 U 0025 Plymouth Rescue wkg Rescue 54,55,56 (JCH-MD)  
 9011 U 0530 AJE8- Croughton Avys wkg a/c 218 (JCH-MD)  
 11234 U 0143 RAF Upavon wkg Ascot 2329 (JCH-MD)  
 12788.5 C 0532 GKD5- Portlisshead MARCO - DE mkr (RBC-CA)  
 16955 C 2035 KGT- Portlisshead MARCO - DE mkr (IFS-CA)  
 17236a U 1940 KGT62- Portlisshead MARCO - t/c 11st (PTK-IL)  
 FIN.: 12687 C 0627 OFUJ- Helsinki MARCO - DE mkr (RBC-CA)  
 2182 A 2153 OFI- Hanko MARCO - all ships call (PAG-UK)  
 FRAN: 4476 C 0521 FUM- FF MAVRAD Gaetelnaudy - V mkr (SN-TX)  
 4465.5 C 1650 FDI- FF AF Aux-les-Milles - V mkr (AM-UK)  
 4975.5 C 0830 FDI- FF AF Orleans - V mkr// 10195 kHz (AM-UK)  
 5270 C 1633 FDG- FF AF Bordeaux - V mkr (AM-UK)  
 8808.8 U var. FFL41- St. Lys MARCO- FF/OM/YM (HCB-WA) (RMS-NY)  
 19360 C 1124 FSB62- INTERPOL Paris - V mkr (AM-UK)  
 20558 U 1108 FTU56- FTS Paris - EE/FF/OM/YM (AM-UK)  
 20640 U 1103 FTU64- FTS Paris - EE/FF/OM/YM (AM-UK)  
 FRG.: 10065 U 0049 LD0C Frankfurt wkg Lufthansa 695 (JCH-MD)  
 11233 U 0027 DH95 - Lahr CANMIL wkg a/c 755 (JCH-MD)  
 13231 U 1820 DH95- Lahr CANMIL - WX b/c (JCH-MD)  
 13247 U 2256 DH91- FRG AF QTH ?? p/p via Andrews AFB (MDC-NY)  
 GIBR: 4221 C 0551 GTU- RN Gibraltar - DE/QSX mkr (SN-TX)  
 GRE: 8720a C 0520 SVU- Athens MARCO - DE mkr (SN-TX)  
 HOLL: 12367.2 U 2020 PCG9?- Scheveningen MARCO wkg Amoco Seafarer (JCH)  
 13138 U 2108 PC051- Scheveningen MARCO - t/c 11st (RUI-GA)  
 IRE: 2987 C 0522 Shanwick Aero wkg Tiger 10 (AJR-NY)  
 5533 3 var. EIP- Shannon Aero - VOLMET (RMS-NY) (PEP-SC)  
 5610 C 0530 Shanwick Aero wkg Clipper 98 (JCH-MD)  
 5624 3 0521 Shanwick Aero wkg TWA 842 (RMS-NY)  
 5624 3 ----- Shanwick Aero wkg World 32 (AJR-NY)  
 5638 C 0517 Shanwick Aero wkg Speedbird 274 (JCH-MD)  
 8833 3 var. EIP- Shannon Aero- VOLMET (DAH-VA) (CP-CO) (JDM-MN)  
 8910 C 0445 Shanwick Aero wkg Gander Aero (JCH-MD)  
 13312 3 1920 EIP- Shannon Aero - VOLMET b/c (WSB-OH)  
 ITLY: 8735 U 0623 ICB- Genoa MARCO- IT/EE/RR/FF/GG/OM/YM (RMS-NY)

18666 U 1605 ATLAS (DEA) wkg FLINT 354 (LJS-CO)  
 18666 S 1656 SHARK 623 wkg Atlas (LJS-CO)  
 18666 U 1531 SHARK 281 p/p to MAHIN 395 via Atlas (LMT-AZ)  
 19000 U 1523 HOTEL QUEBEC 3 wkg BRAVO ROMEO (LJS-CO)  
 19000 U 1541 INDIA 4 BRAVO 38 wkg QUEBEC 7 FOXTROT 38 (LJS-CO)  
 20401 S 1545 BRAVO 06 wkg MIKE 06 & ALFA 06 (LJS-CO)  
 23165 U 1900 SAM 86972 p/p to CROWN & COUCH via Andrews (RAL-OH)  
 23337 U 1848 DARTBOARD with cdmsg (RAL-OH)  
 \*\*\*\*\* NUMBERS \*\*\*\*\*  
 A 2115----- G/Y 5d also on 3170 kHz (455) 12Feb82 (BC-ITLY)  
 C 2171----- G/Y 5d (344) 12Feb82 (BC-ITLY)  
 3909 A 0426-0440 G/Y 5d in 3-2 delivery (22) 27Feb82 (DAH-VA)  
 A 0245-0250 S/Y 4d 31Jan82 (IAB-TX)  
 A 0259----- S/Y none - repeat of 54 (434) 08Feb82 (PTK-IL)  
 A 1336----- KO/Y 4d (433) 07Feb82 (PAT-CA)  
 A 0236-0247 S/Y 4d (444) 18Jan82 (PTK-IL)  
 A 0207----- S/Y 4d "434" (434) 15Feb82 (PTK-IL)  
 A 0805----- S/Y 5d (423) 23Feb82 (PAT-CA)  
 ? 0505-0515 Ro/O 5d MM IS (333) 10Jan82 (IC-OH)  
 repeated msg twice, ending with Termina x3  
 3 0519-0523 S/Y 5d (444) 27Feb82 (DAH-VA)  
 ? 0905----- G/Y none "003"x3, 1-0 count (444) 31Jan (JHD-PA)  
 A 2303-2304 S/O none "369"x3, 0x5 repeats (454) 03Feb (JN-MN)  
 A 0711-0711 S/Y 5d Final x2 07Mar82 (JN-MN)  
 A 0300----- S/Y 5d "AT 773-34" 11Feb82 (JN-MN)  
 A 2330-2334 S/O none-same as 7446 kHz (555) 03Mar (JN-MN)  
 A 0001----- S/Y 5d "AT 246-145" 11Feb82 (JN-MN)  
 A 0802----- G/Y 5d 3d IS (333) 16Jan82 (PTK-IL)  
 A 2300----- S/Y 5d "ATT 685-55" 22Feb82 (JN-MN)  
 A 1502-1505 S/Y 5d "ATT 684-25" 19Feb82 (JN-MN)  
 A 2100-2120 S/Y 4d "226 1-0" 16,17,18 Feb82 (JN-MN)  
 Fin, parallel 16310 kHz  
 A 2000-2022 S/Y 4d "439 1-0" // 18739 kHz 25Feb82 (JN-MN)  
 C 1245----- --- 5 1hr (243) 11Feb82 (SC-AUST)  
 \*\*\*\*\* UNIDENTIFIED \*\*\*\*\*  
 C 2045 NDR 8 - V mkr (USN but where?) (BC-ITLY)  
 C 2124 4MO - V mkr (Venezuela FTF??) (BC-ITLY)  
 R 0805 RIFPA8 DE RIFAK8 (T MIL QTH??) 66/170N (RA-FRAN)  
 C 0545 FSN - V mkr (FF MAVRAD QTH??) (PAT-CA)  
 8877.5 U 2337 11AC - EE/SS/OM wkg tac calls & personal name calls possible drug smuggling t/c? (RUI-GA)  
 11630 C 1800 T H V E-in slow morse repeats (PAT-CA)  
 12523a R 2251 ERCT (USSR vessel) Rys to RNO 66/170N (RMA-IA)  
 13970a ? 2030 CIG91 p/p & wkg W617, W701 (CFARG??) (RF-MA)







8882 3 0520 Dakar Aero wkg Nigeria 011 (RM-GA)  
 12661 C 1710 6VA- Dakar MARCO - CQ mkr (AM-UK)  
 16947.6 C 1556 6VA- Dakar MARCO - CQ mkr (PAC-UK)  
 16952.8 C 0230 6WV- PF NAVRAD Dakar - V mkr (GLT-NM)  
 SOMA: 8959 3 2133 Mogadishu Aero wkg Addis Ababa Aero (JFJ-RI)  
 SOAF: 5687 3 0256 Johannesburg Aero wkg Speedbird 865 (GP-CO)  
 8603 3 0220 ZRH- Cape NAVRAD Fisatekraal - X mkr (GLT-NM)  
 8914 U 0440 LDCC Johannesburg wkg Springbok 55 (JOH-MD)  
 9012 3 0459 Johannesburg Aero wkg Springbok 275 (GP-CO)  
 9016 3 0509 Johannesburg Aero wkg Springbok 227 (JOH-MD)  
 11324 U 2313 LDCC Johannesburg wkg Springbok 262 (JUL-GA)  
 12698 C 1700 ZS99- Capetown MARCO - CQ mkr (PAC-UK)  
 12772.5 C 0555 ZSC38- Capetown MARCO - DE mkr (RBC-GA)  
 12849 C var. ZS15- Cape NAVRAD Sallvermine - CQ mkr (RBC-GA)  
 13028 C 1636 ZSD- Durban MARCO - CQ mkr (manual) (PAC-UK)  
 13125.6 U 0434 ZSC26- Capetown MARCO - wkg m/v Aldanish (JOH-MD)  
 17005 C 1927 ZRH- Cape NAVRAD Fisatekraal - DE mkr (PAC-UK)  
 SUDN: 8959 3 0353 Khartoum Aero wkg Nairobi Aero (RMS-NY)  
 WSAH: 44890 U 1030 Dakha PTP clg Rabat - AA/OM (HJR-FRG)  
 ZIRE: 8826 3 0050 Kinshasa Aero wkg Zambone 121 (JOH-MD)  
 ZIWB: 23850 U 0815 ZEG26- Sallsbury PTP - EE/OK/VW (AM-UK)  
 \*\*\*\*\* ASIA/FAR EAST \*\*\*\*\*  
 PRG.: 8693 C 1305 XSZ- Dairen MARCO - CQ mkr (GLT-NM)  
 16700a C 0514 XSG- Shanghai MARCO - ID mkr (SN-TX)  
 16700a C 0551 XSV- Tianjin MARCO - ID mkr (SN-TX)  
 DEEG: 11176 U 0150 NKW- USN Diego Tower wkg MAC 40659 (JOH-MD)  
 HONG: 8688 C 1722 9VG36- Cape D'Agullar MARCO - CQ mkr (TFS-GA)  
 8903 3 1345 Hong Kong Aero VOLMET b/c (JDW-WN)  
 10645 U 2345 ZEG047- C&W Hong Kong - ER/YL/VW (AM-UK)  
 17096 C var. VFS80- Cape D'Agullar MARCO - V mkr (SC-AUST) (GLT)  
 INDO: 8436 C 1300 PKG- Palembang MARCO - CQ mkr (GLT-NM)  
 JPAN: 6738 3 1343 Tokyo Aero wkg Scandinavian 980 (GP-CO)  
 5589 U 1439 A1F8- Yokota Aways wkg MAC 22584 (CP-CO)  
 8000 A 1228 JTY- SFTS Koganei (EPFK-TX)  
 8547.5 C 1335 JPA- GKK Chuo Gyogyo - CQ mkr (GLT-NM)  
 8903 3 var. JMA- Tokyo Aero - VOLMET (JDW-MN) (IMT-AZ) (PAT-CA)  
 11236 U 1415 A1F8- Yokota Aways wkg Quebec Echo 06 (CP-CO)  
 13054 C 0245 JG7- Choshi MARCO - CQ/GSX mkr (LC-OH)  
 18795 C 0925 JOF38- QTH ?? wkg JGX Syowa Base, ANTA (HJR-FRG)  
 22396 C 0719 JOS- Nagasaki MARCO - CQ mkr (SC-AUST)  
 NOKO: 9394 C 0022 HKM21- KCNA Pyongyang - V/OQ/MC mkr (AM-UK)  
 ROK.: 8576 C 1315 HLO- Seoul MARCO - CQ mkr (GLT-NM)  
 PHIL: 6738 U 1532 AIG2- Clark Aways wkg Kilo Kilo 138 (CP-CO)

USSR: 22590.5 0740 UFB- Odessa MARCO - RR tfc 66/170n (TAG-UK)  
 VAT.: 11685 1115 HVH- Vatican City RYS to CUA68 Lisbon (HJR-FRG)  
 VIET: 13464 1640 VNA Hanoi - EE/NX 66/425n (GMA-WA)  
 16383.6 ---- VNA Hanoi - EE/NX 66/425r (RA-FRAN)  
 YUGO: 5112 2135 4OC3- TANJUG Belgrade - ?? NX 100/425n (TAG-UK)  
 7806 1400 YZD7- TANJUG Belgrade - EE/NX 66/425r (RA-FRAN)  
 SHIP: 12495a 2340 UTDK- VENTGRALBS-wkg UAT - RYS 66/170n (RMA-IA)  
 12495a 0151 UTDK- LINGRADSKAIA SLAVA - RYS 66/170n (RMA-IA)  
 12505a 0032 UTIZ- NONGOROD tfc to URD 66/170n (RMA-IA)  
 12510a 0336 UENR- VELIKIE LOUKI tfc to URD 66/170n (RMA-IA)  
 12511a 0344 UEAV- LEONARDO DA VINCI RYS 66/170n (RMA-IA)  
 12515a 2333 UYXB- LOUCANSK RYS to UFN 66/170n (RMA-IA)  
 12515a 0530 UPBN- MAURICE THOREZ - RYS to UFN 66/170n (RMA-IA)  
 12518.3 2300 UYHI- KONSOMOLETS LENINGRADA RYS to UFN (RA-FRAN)  
 12519.8 2250 UYCB- PATROKI RYS tp PMPPU ?? (RA-FRAN)  
 12520a 2240 ESMK- DIVINSKII ZALIV tfc to UEL 66/170n (RMA-IA)  
 12522a 0155 LYEI- unkn ship RYS to UJX 66/170n (RMA-IA)  
 12515.8 2230 UTWE- ANDREI PORTYANKO to URB2 66/170n (RA-FRAN)

\*\*\*\*\* VLF/LW/MW \*\*\*\*\*  
 19.6 R var. GBZ- RN Crigglon, UK - encrypted msg (DLW-OH)  
 44.0 R 0800 VHB- BAN Belconnen, AUST - tfc (DLW-OH)  
 236.0 M 0924 GNI- Grand Isle, IA beacon (JRI-MS)  
 242.0 M 0322 MBO- Bruce Campbell Field, Madison MS beacon (JRI-MS)  
 260.0 A 0315 JH- Hawkins Field, Jackson MS- Aero WX & beacon (JRI-MS)  
 365.0 M 0310 JA- Tompson Field, Jackson MS - beacon (JRI-MS)  
 396.0 M 0308 ZBB- Bimini Airport, Bahamas - beacon (JRI-MS)

OUTER SPACE: 20009 Khz 2315 PRC Satellite telemetry (TS-BC)

\*\*\*\*\* QSLs \*\*\*\*\*  
 BER.: VRT- C&W Hamilton - f/d ltr 68d IRC (JAB-TX) 12709.2 Khz  
 FRAN: FUG- Six Fours NAVRAD, Toulon- ltr 25d IRC 2607 Khz (PAC-UK)  
 GDR.: Y3S- SFTS Nauen - folder card 90d XRP 4525 Khz (WJP-FE)  
 GREE: SWA18- Athens MARCO - card 217d 2-IRCS 17188 Khz (MGB-GA)  
 SVK3- Athens MARCO - card 243d IRC 13029 Khz (PAC-UK)  
 HI.: NMO- CG Honolulu - PFC 35d for MS 8291.1 Khz (HH-MD)  
 NZEP: Auckland Aero - ltr in 15d 8903 Khz (HJR-FRG)  
 NORP: VJUV- Kingston - PFC 16330 Khz (HJR-FRG)  
 PANA: Albrook Aways - AFCS card in 10d for MS 15015 Khz (EPFK-TX)  
 SWIS: HER22- Berne MARCO - card/PFC 15d XRP 22344.5 Khz (MSH-GA)  
 USA.: KUF773- Sun Services, Marcus Hook PA-PFC 10d MS 12429.1 (HH-MD)  
 KFW463- Lorenzenen Shipping, Miami FL-ltr 10d MS 12429.2 (HH-MD)  
 WJD- St. Phillip Coastal Towing, Tampa FL-PFC 11d 8290 (HH-MD)  
 WBY- Moran Towing, Ft. Richmond NY- PFC 38d MS 12430 Khz (HH-MD)  
 WEJ- Bahamas Line, Miami FL- PFC in 07d MS 12430 Khz (HH-MD)

SHIPS: WFWW- FORTALEZA PFC in 12d for MS 12435 kHz (HH-MD)  
 GTIA- IYBANK (cargo) 1tr 21d XRP 12545.8 kHz (HH-MD)  
 WNBX- CREEK (pipe layer) PFC 10d MS 8291.1 kHz (HH-MD)  
 GDYU- TEXACO FLYMOUTH (Tankr) 1tr 48d IRC 16720 kHz (HH-MD)  
 KCBQ- MARTHA F. INGHAM (Tankr) 1tr 11d MS 6200 kHz (HH-MD)  
 GRHQ- SCYTHIA (Pass) 1tr/pic 49d IRC 16720 kHz (HH-MD)  
 KPVC- BORINGNESS (Cargo) PFC in 5d for MS 12435 kHz (HH-MD)  
 JFZG- HAKUSAN MARU (Contr) 1tr XRP 16743.2 kHz (HH-MD)  
 LEBEG- ORO CHIEF (ore/gill) 1tr in 50d IRC 22230 kHz (HH-MD)  
 NNW0ZL- USS CONSTELLATION - PFC/pic 23d MS 14470.1 (MDC-NY)  
 NNW0CF- USS SOUTH CAROLINA - PFC 15d MS 14470 kHz (MTC-AZ)

BEACONS: LVV- Lake Lawn Apt, Delvan WI - PFC 33d MS 405 kHz (HH-MD)  
 RCX- Texas Southern Avionics, Ladysmith WI-PFC 356 kHz (HH-MD)  
 MS- Truax Field Madison WI- PFC 27d MS 400 kHz (HH-MD)  
 CQJ- CrawfordsvilleMuni Apt, IN- PFC 36d 388 kHz (HH-MD)

..... The Ladies & Gents who contributed to this months column were:

(RA-FRAN) Roger Aked (JBJ-MS) Jack Jones  
 (RMA-IA) Rodney Alexander (EPK-TX) Emil Kasprzyk  
 (CWA-WA) Guy Atkins (PTK-IL) Patrick Kerrigan  
 (HCB-WA) Hobart Beal (AK-MD) Anthony Kobylski  
 (WSB-OH) Warren Bellard (KWK-VA) Kraig Krist  
 (\*JAB-TX) James Boehm (EDK-MI) Eugene Krolak  
 (JAB-TX) John Boone (BAL-CA) Robert Leary  
 (HBC-CA) Roy Carlson (RUL-OH) Robert Lewallyn  
 (MTC-AZ) Mike Chabak (TL-AL) Terry Lindley  
 (MDC-NY) Mark Chinsky (RM-BC) Rick Matthew  
 (BC-ITL) Bruce Chitnok (AM-UK) Alex Moore  
 (PAC-UK) Peter Conway (RM-CA) Randy Moss  
 (SC-AUST) Steven Costin (SN-TX) Sam Neal  
 (LC-OH) Larry Cunningham (JN-MN) Jon Nida  
 (JHD-PA) John Demmitt (WJF-FL) William Parks  
 (RAD-MA) Rick Dugway (RNP-CT) Roger Peterson  
 (JJE-RI) John Fitzgerald (CP-CO) Charles Pringle  
 (PEF-SC) Phillip Forrester (RLR-KS) Robert Rankin  
 (RF-NA) Robert Fraser (AJR-NY) Albert Ricciuto  
 (TAG-UK) T.A. Gardner (RSR-ONT) Robert Ross  
 (PC-CA) ? Garrett (HJF-PFG) Hans Russow  
 (MSH-CA) Mike Hardester (TFS-CA) Tom Sable  
 (JCH-MD) James Hartung (BS-MI) B. Sarkisian  
 (SH-QUE) Sheldon Harvey (WS-CA) William Shamblin  
 (HH-MD) Hank Holbrook (GHS-IL) Greg Shepherd  
 (DAH-WA) David Houde (TS-BC) Ted Shevchenko  
 (HGJ-TX) Howard Johnson (LJS-CO) Leonard Stook

PHIL: 8548 C 1340 DZF- Navotas MARCO - CQ mkr (GLT-NW)  
 8566 C 1340 DZB- Manila MARCO - CQ mkr (GLT-NW)  
 8579 C 1345 DZO- Bulacan (Manila) MARCO - CQ mkr (GLT-NW)  
 8586 C 1350 DZG- Las Pinas (Manila) MARCO - CQ mkr (GLT-NW)  
 8407 C 1320 9WG56- Singapore MARCO - CQ mkr (GLT-NW)  
 13075 C 1520 9VG80- Singapore MARCO - CQ mkr (GLT-NW)  
 22428 C 0721 9VG59- Singapore MARCO - CQ mkr (SC-AUST)  
 8445 C 1310 X5X- Keelung MARCO - CQ mkr (GLT-NW)

\*\*\*\*\* PACIFIC OCEAN \*\*\*\*\*

AUST: 7500 A 0835 VNG- SFTS Lyndhurst (PTK-IL)  
 8975 V 1401 AXP- RAAS Lyndhurst with msg t/c (CP-CO)  
 12000 A 0843 VNG- SFTS Lyndhurst (PTK-IL)  
 13300 C 0503 Sydney Aero wkg Singapore 22Alfa (JCH-MD)  
 17145a C 0659 VIS6- Sydney MARCO - V mkr (SN-TX)  
 17200a C 0658 VIP40- Perth MARCO - CQ mkr (SN-TX)  
 22475a C 0648 VIS42- Sydney MARCO - V mkr (SN-TX)  
 FIJI: 8847 C 0656 3DN- Nandi Aero wkg KIWI 901 & 902 (RMS-NY)  
 13300 C 0457 3DN- Nandi Aero wkg South Pacific 710 (JCH-MD)  
 FFPO: 8625 C var. FUM- FF NAVRAD Papeete - V mkr (GLT-NW) (no name)  
 12665 C 0314 FUM- FF NAVRAD Papeete - V mkr (RMA-IA)  
 GUAM: 6506.4 U 1330 NRV- CG Guam - NTM b/c (JDW-MN)  
 13300 C 0529 Guam Aero wkg New Zealand 23 (JCH-MD)  
 HI... 5519 3 var. KVM70- Honolulu Aero- VOLMET (JCH-MD) (PEF-SC)  
 5554 C 0603 Honolulu Aero wkg United 2 (AJR-NY)  
 6506.4 U 1441 Honolulu Aero wkg Clipper 812 (CP-CO)  
 6506.4 U 0552 NMO- CG Honolulu - NTM b/c (PAT-GA)  
 6506.4 U 1225 NMO- CG Honolulu wkg NOAA Discoverer (JDM-MN)  
 8650 C 1301 NMO- CG Honolulu - NTM b/c (RMS-NY)  
 8765.4 U 0557 NMO- CG Honolulu - NTM b/c (RMS-NY)  
 8903 3 var. KVM70- Honolulu Aero - VOLMET (TFS-CA) (RMS-NY)  
 8984 U 0457 NMO- CG Honolulu wkg CG 1342 (JCH-MD)  
 13201 U 0430 AGA2- Hickam Aways wkg MAG 60182 (JCH-MD)  
 13261 C 0438 Honolulu Aero wkg United 551 (JCH-MD)  
 13300 C 0445 Honolulu Aero wkg Northwest 15 (JCH-MD)  
 14389 U 0210 AGA8HI (USAF WARS) Hickam AFB wkg AF06RI (MDC-NY)  
 KERM: 12152.5 U 0523 ZME6- Raoul Is. WX b/c to Wellington (MTC-AZ)  
 NCAL: 8645 C 1330 FUJ- FF NAVRAD Noumea - V mkr (GLT-NW)  
 NZEL: 8080 U 0608 ZL238- Wellington - p/d from ZME6 (MTC-AZ)  
 8947 C 0906 Auckland Aero wkg New Zealand 603 (RMS-NY)  
 8903 C 0721 Auckland Aero - VOLMET b/c (RMS-NY)  
 11550 U 0521 ZLX59- Wellington - callup to ZME6 (MTC-AZ)  
 12716.9 C 1642 ZLO- Irrirangi NAVRAD - DE mkr (HGJ-TX)  
 13300 C 0526 Auckland Aero wkg N.9148Y. (JCH-MD)  
 14850 C 0804 ZLX37- Wellington Metro - CQ/MC mkr (AM-UK)

NZEL: 16874.5 C 1624 ZLO- Iirangi NAVRAD - DE mkr (HGJ-TX)  
 22500a C 0523 ZLB4- Awarua MARCO - DE/QSX mkr (SN-TX)

\*\*\*\* ANTARCTICA \*\*\*\*  
 8294 U 2324 ZDLB- JOHN BISCOE wkg ZBH Grytviken (HJR-FRG)  
 11552 U 0548 NFG- Palmer Station wkg South Pole Sta (WTC-AZ)  
 11552 U 0445 NQU- Simple Station wkg South Pole Sta (WTC-AZ)  
 13973.8 U 0610 NNWICE (USN MARS) McMurdo Sta wkg NNW04YC (PEP-SC)  
 14275a S 0846 KC4USG- CGC Glacier wkg W5DNV for p/p (?C-GA)  
 14275a S 0846 KC4AAA- (HAM) McMurdo Sta - tfc with ?? (?C-GA)  
 21275a U 0445 KC4USG- CGC Glacier(HAM) p/p tfc with ?? (SC-AUST)

\*\*\*\* SHIPS \*\*\*\*  
 2830 U 0512 AUSBEG wkg CG New Orleans LA (GHS-IL)  
 4125 U 0502 AWISH WAY wkg KJW Galleana (EDK-WI)  
 4125 U 1123 WZ4913- THE IKE clg Ocean Leader (LMT-AZ)  
 6506.4 U 0616 NRUO- CGC POLAR SEA clg CG Kodiak AK (HCB-WA)  
 6506.4 U 0735 NODL- CGC FIREBUSH p/p via CG Honolulu HI (PAT-CA)  
 6506.4 U 0348 NFKW- CGC CONFIDENCE wkg CG San Francisco (HCB-WA)  
 6506.4 U 0750 NRPY- CGC PLANETREE wkg CG Kodiak AK (PAT-CA)  
 6506.4 U 1236 NUSJ- CGC CAPE CARTER wkg CG San Francisco (JDM-MN)  
 6518.8 U 0145 NNHA- CGC ACUSHNET wkg CG Miami FL (HCB-WA)  
 7495 U 0357 NNWGTZ (MARS) USS BELLEAU WOOD- p/p via NNWNSD (TFS-CA)  
 8284.9 U 0628 HOEB- OCEANIC wkg St. Lys MARCO France (RBC-CA)  
 8291.1 U 0726 WYX4288- EXPLORER wkg WFE Jacksonville MARCO (HCB-WA)  
 8294.2 U 0656 WYR6522- GULF CONDOR wkg KZU Harvey LA MARCO (RBC-CA)  
 12429.2 U 2255 KGJX- SEALAND MARINER wkg KSW Oakland CA MARCO (HCB-WA)  
 12429.2 U 2300 SEALAND PATRIOT wkg KSW Oakland CA (HCB-WA)  
 12492.3 U 0001 KODU- TEXACO MINNESOTA wkg WQO- QTH ?? (HCB-WA)  
 12560a C 0437 DEIR- HERTA M. clg DAN Norddeich MARCO (RMA-IA)  
 13826 U 1920 NNWGNF- USS FORT FISHER - r/c with ?? (RAD-WA)  
 14441 U 2350 NNWQSE- USS ELMER MONTGOMERY p/p via NNWQZK (MTC-AZ)  
 14467 U 0050 NNWGOA- USS TRENTON p/p via NNW0AAJ (MTC-AZ)  
 14467 U 0230 NNW0VZ- USS JOSEPHUS DANIELS p/p via NNW0ZWR (RAD-WA)  
 14470 U 2331 NNW0AP- USS MILLWAUKEE p/p via NNW0VY (MTC-AZ)  
 14470 U 2307 NNW0CV- USS DWIGHT D. EISENHOWER- p/p NNW0QGR (MTC-AZ)  
 14470 U 2349 NNW0GS- USS SOUTH CAROLINA p/p via NNW0VY (MTC-AZ)  
 14470 U 0312 NNW0UX- USS MASSAU wkg NNW0YPD (MTC-AZ)  
 14707.1 U 0628 NNW0CN- USS VIRGINIA p/p via NNW0USD (MTC-AZ)  
 19307.1 U 1822 NUSJ- CGC CAPE CARTER clg CG San Francisco (HCB-WA)  
 22040.2 U 2040 XRVV- LONDONDERRY wkg Portlisshead MARCO (HCB-WA)  
 22124 U 2015 WJJA- COVE LIBERTY wkg KAT QTH ?? (HCB-WA)  
 22124 U 2020 WGHK- CGDEN CHALLENGER clg KAT (HCB-WA)  
 22124 U 2138 WFMK- EXXON BALTIACRE clg KHT Cedar Rapids (HCB-WA)  
 22124 U 1956 OCBAN WABASH wkg KHT Cedar Rapids IA (HCB-WA)

\*\*\*\*\* end of left hand column - now back to first page, right column. ....

(WJS-ONT) Wilf Stone  
 (RS-NY) Robert Streeter  
 (HDT-WY) Harold Tate  
 (LMT-AZ) Lyle Taylor  
 (GLT-NM) Glenn Thompson  
 (PAT-CA) Peggy Thompson  
 (JDM-MN) John Williams  
 (DLW-OH) David Wilson

SGUG NEEDS: Does anyone know of a current single source reference book/list, covering Point to Point Radio Telephone services, worldwide?? If so, advise this editor of particulars.....  
 .... Need call letter/QTH data on Commercial Aeronautical ground stas to cross check & fill in gaps in my data.....  
 (Ex: KEA5- New York Aero, WSI79- New York VOLMET)

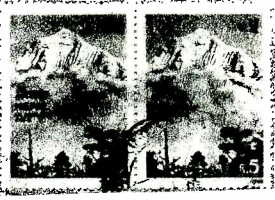
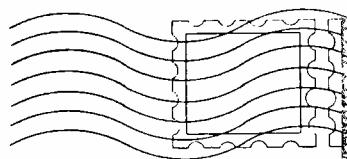
.... The good clear xerox (photocopy) of your better QSLs/PFCs for the ute guide.....  
 .... There has been some flap over the name/initials for the new ute guide. So the name maybe modified from its current SGUG.....  
 .... Abbreviations & Terminology list - to those new to the column, this editor has a list of the shorthand terms used throughout the column. If you want one, send me a first class stamp or letter size SASE, Overseas utes - 1 IRC.  
 .... The Country name abbreviations were included in the Jan 82 column. If you need this, I'll xerox the material. Stamp or IRC to cover mailing. Only one stamp/IRC if you want both..... by the way, please ADD these abbreviations to the list:

HOND: Honduras, WSAH: Western Sahara, SOST: South Shetland Is.  
 .... Some of you have asked what "FOX" refers to in the RadioTeletype section. This is a phrase used as part of the test tape. It goes: THE QUICK BROWN FOX JUMPS OVER THE LAZY DOGS BACK.....

SGUG NEED: I still need individuals who can translate English into French & Spanish.....  
 .... Recently, Commercial Aeronautical ground/air comms have adopted a set of new frequencies, in addition to the ones already in use. Does anyone have a list of these freqs, stations using them, and the air routes covered by them.....

See you all next month, for the further adventures in ute wonderland....  
 73s you'all.....

mtc



**EDITOR:**  
**JOHN KAPINOS**  
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**SHREWSBURY, MA 01545**

**Deadline: 12th of the month**

**QSL REPORTS**

Hello again and welcome to another edition of the QSL column. Our congratulations to George Scott of Savanna, Illinois, the winner of our Voice of Free China via WYFR, Okochobee contest. To George goes a \$5.00 gift certificate to DX Stamp Service. Still no winner in the WRNO contest, I understand that the QSLs should be going out soon. See the U.S.S. R. section for details on this month's contest. Now on to the business at hand.

EUROPE

- ALBANIA: Radio Tirana, 7120, f/d "Revolutionary Spirit" card along with New Year's greetings in 30 days (Boone-TX).
- AUSTRIA: ORF, 5945, f/d studios card in 65 days (Huffaker-MEX), 9770, f/d "Contemporary Art" cards in 63 days (Thompson-NM), in 47 days (Krist-VA), 15225, same in 1 month (Erickson-CT). I am not going to describe the Art cards any further, the Moral Majority might get on my case if I do (kap).
- BELGIUM: BRT, 9870, f/d Art card in 50 days (Miller-CA), same in 20 days (Alexander-NC); 11695, same in 75 days (Smith-FL); 15125, f/d letter in 25 days (???-??), 17595, f/d Art cd in 30 days along with Listeners Club pennant (Krist-VA); 21525, f/d mimeo letter in 39 days (Claytor-MI); 21810, f/d card, pennant, sticker and DX Club membership card in 60 days (Ross-ONT). F/d cards are reserved for Club members. 2 reports along with a polite request gets you in (kap).
- BULGARIA: Radio Sofia, 11750, f/d view cd in 170 days (Lord-CA); 11765, same in 40 days (Ross-ONT), 15110, same with wrong frequency in 75 days (Kanopka-NY).
- CZECHOSLOVAKIA: Radio Prague, 7345, f/d cards in 90 days (Leite-MA), 60 days (Miller-CA), 114 days (Forrester-SC); 11990, same in 150 days (Kobylski-MD), 106 days (Speer-CA). While always a dependable verifier, they are taking a bit longer these days (kap).
- DENMARK: Radio Denmark, 15165, f/d antenna card in 21 days for EE report and IRC (Harvey-QUE).
- ENGLAND: BEC, 21701, usual no data Thames Bridge card in 30 days (Delk-PA); VOA Wooferton Relay, 9760, f/d 40th anniversary Golden Gate Bridge card in 20 days (Ward-QUE).
- FINLAND: Radio Finland, 15400, no date Industries card in 40 days along with sked and wallet calendar (Claytor-MI). Hmmm, a calendar, first time they've sent a souvenir for quite a while. Perhaps a change of attitude on their part (kap).
- FRANCE: Radio France Internationale, 17850, f/d 50th Anniversary card in 35 days for FF report (Brandt-FL).
- GERMANY, WEST: Duetsche Welle, 3995, 6040, 9590, 9545, 9745, usual no data log cards in 21 days (Sharp-FL), 42 days (Kobylski-MD), 30 days (Erickson-CT), 82 days (Claytor-MI), 34 days (Casavant-QUE); Radio Free Europe, 7190, frequency only FRE/RL map card in 17 days (Robinson-AUST); Süddeutscher Rundfunk, 6030, f/d card in 1 month (Howard-CA).

- GERMANY, EAST: Radio Berlin International, 9720, f/d card and pennant in 153 days for SS report (Robinson-AUST); 9730, no data card in 50 days (Krist-VA); 15240, f/d cd in 34 days (Leite-MA), same in 46 days (Kobylski-MD). I don't understand the no data cards (kap).
- HOLLAND: Radio Netherlands, 9715, f/d painting card, pennant and wall calendar in 17 days (Casavant-QUE); 11930, f/d cd in 21 days (Robinson).
- ICELAND: Iceland State Broadcast Service, 13797, f/d autumn scene cd in 14 days, IRC (Sharp-FL), same in 58 days, IRC (Harvey-QUE).
- ITALY: RAI, 9575, f/d painting card in 89 days (Claytor-MI); 11800, same in 100 days (Boone-TX).
- LUXEMBOURG: RTV Luxembourg, 6090, f/d coat of arms card, sked, stickers in 122 days, 3 IRC (Forrester-CA).
- MALTA: Xandir Malta, 9510, f/d letter in 188 days, 2 IRC (Pagano-DC), same in 11 months, 4½ months after follow up, 2 IRC (Kanopka-NY); Duetsche Welle, via Cyclops, 15105, no data painting cd in 48 days (Thompson-NM). International Christian Radio, 9515, f/d Toronto scene cd in 180 days via Toronto address (Pagano-DC); IBRA via R. Mediterranean, 9515, f/d card in 32 days, 3 IRC (Robinson-AUST).
- MONACO: Trans World Radio - Monte Carlo, 9495, f/d cd in 39 days (Sharp-FL); 9670, same in 21 days, 3 IRC (Robinson-AUST).
- POLAND: Radio Polonia, 15120, f/d Tazienki Park cd in 60 days (Ross-ONT). I presume that this was reported prior to the recent actions in Poland.
- PORTUGAL: Radio Portugal, 9575, f/d card in 54 days (Krolak-MI), same in 31 days (Taylor-AZ); 11925, same in 37 days (Michael-PA), in 47 days (Sharp-FL); 15135, same in 64 days (Chituck-ITALY).
- ROMANIA: Radio Bucharest, 5990, 9570, 11940, f/d cards in 63 days (Krist-VA), 60 days (Erickson-CT), 33 days (Miller-PA), 28 days (Alexander-SC), 90 days (Boone-TX), 87 days (Hahn-CA), 97 days (Ward-QUE). Pennants, skeds, and stickers were also received.
- SPAIN: Spanish Foreign Radio, 9630, 11880, 15120, f/d cards in 122 days (D. Johnson-ID), 104 days (Hahn-CA), 45 days (Huffaker-MEX), 37 days (Brandt-FL), 35 days (Scott-IL), 22 days (Miller-CA).
- SWEDEN: Radio Sweden International, 9695, f/d do it yourself card in 15 days (Delk-PA). I suspect that a few more major international broadcasters might be contemplating going the DIY route in the future (kap).
- SWITZERLAND: Swiss Radio International, 3985, f/d scene card in 32 days (Thompson-ONT); 9725, same in 40 days (Sharp-FL), 78 days (Smith-FL).
- VATICAN: Radio Vaticana, 9645, f/d 50th anniversary cd in 34 days (Sharp-FL); 11845, same in 66 days (Kamen-ONT).

#### AFRICA

- ASCENSION ISLAND: BBC Relay, 15260, n/d cd in 50 days (Ross-ONT).
- BENIN: ORTB, 4870, f/d 5 drawings/logo cd in ??, IRC (Sharp-FL).
- GABON: Africa Number One, 11755, no data verification letter in ?? for FF report (Speer-CA), same in 65 days, FF report, 2 IRC (Heller-WA). Radio France Internationale Moyabi relay, 15345, f/d RFI 50th anniversary cd in 35 days (Pimblett-AB).
- GHANA: Ghana B.C., 3366, f/d logo card in 101 days, 1 IRC (Moss-CA); 4915, same in 314 days, 2 IRC (Singel-IN), in 150 days (Kanopka-NY). Question, gents, how many "pen-pal" letters were received while waiting for the QSLs? I recently had the opportunity to meet a Ghanaese national who advised me that the Post Office over there sells U.S.A. addresses (kap).
- IVORY COAST: Radio Abidjan, 7215, f/d map card in 71 days for EE report and IRC (Sharp-FL). Nice QSL here, Dave, seldom reported recently (kap).
- LESOTHO: Voice of Lesotho, 4800, f/d flag card in 30 days for EE report, and 2 IRC (Black-CA), in 97 days (Robinson-AUST). Good go guys (kap).
- LIBERIA: VOA Monrovia Relay, 11830, f/d 40th anniversary cd in 10 days (Leite-MA); EIWA, 11930, f/d photo cd in 110 days (Sharp-FL).



MADAGASCAR: Radio Netherlands Relay, 21480, f/d cd in 22 days (Robinson).  
NAMIBIA: Radio SWA, 4965, f/d Mountain scene cd in 90 days (Kanopka-NY), same in 39 days (Sharp-FL).  
NIGER: ORTN-Niamey, 5020, f/d map card in 28 days for a FF report and mint stamps (Witte-CA). Sorry to hear about your broken wrist, Marge, hope in heals well and soon (kap).  
NIGERIA: Voice of Nigeria, 7225, f/d Remembrance Arcade card in 253 days (Johnson-IL). Notoriously slow mail service (kap).  
RWANDA: Duestche Welle Kigali Relay, 9565, usual no data circles card in 82 days (Alexander-NC). DW requests that reporters include self-addressed UNstamped envelopes along with reports to faster service (kap).  
SAO TOME E PRINCIPE: Radio Nacional, 4807, f/d tri lingual form letter in 4½ months for PP report and 2 IRC (Lazarus-IA).  
SEYCHELLES: FEBA, 11810, usual no data cd in 75 days, 3 IRC (Krist-VA).  
SOUTH AFRICA: Radio 5, 3250, f/d SABC card in 30 days, IRC (Hardester-CA); SABC, 4880, f/d montage cd in 20 days (Sharp-FL), Radio RSA, 9580, 9585, 17775, 25790, f/d cards in 24 days (D.Johnson-ID), 20 days (Delk-PA), 45 days (Krist-VA), 75 days (Ross-ONT). Pennants were received by those who asked for them.  
SWAZILAND: Trans World Radio Manzini, 3200, f/d transmitter/antenna folder in 34 days for IRC (Black-CA).  
TANZANIA: Radio Tanzania, 4785, f/d yellow and pink card with drawing of drum in 37 days for EE report and 3 IRC (Murff-NM); 9685, f/d Swahili message card in 42 days (Robinson-AUST). Nice to see these (kap).  
ZAIRE: 9RLB Lubumbashi, 4750, f/d letter in 88 days for EE report and 2 IRC, v/x Mulamba Kapajika (Leite-MA). Great, Steve, havn't seen this one anywhere for a very long time (kap); Voix Du Zaire, 15245, f/d letter in 52 days, 3 IRC (Cook-CA). Nice go here also (kap).  
ZIMBABWE: ZBC-Radio One, 3396, f/d map card in 90 days, 2 IRC (Cook-CA), same in 96 days (Sharp-FL).

#### ASIA

BANGLADESH: Radio Bangladesh, 11765, date only logo card in 60 days for EE report (Lord-CA). Very nice, havn't seen this one in my tenure as QSL editor (kap).  
CHINA: CPBS, 7095//7540, f/d card via Radio Peking in 31 days (Robinson-AUST); Radio Peking, 6860, f/d card in 34 days (Robinson). Strange, not one report on the North American Service this time (kap).  
CYPRUS: Cyprus Broadcasting, 7190, f/d CBC card in 37 days, IRC (Sharp-FL).  
INDONESIA: RRI-Kupang, 3385, letter in 40 days for II report and mint stamps (Gavaras-MN).  
JAPAN: NHK-Sendai, 3259, date/freq personal letter in 15 days, v/s Satoshi Kimura (Howard-CA), very nice, Ron, this one is 300 watts (kap), NSB, 9595, silver printing on black folder in 66 days for special NSB-KZ00 joint broadcast, 2 IRC (Tait-AUST); Radio Japan, 9505, 17825, 21640, date/freq cards in 20 days (Speer-CA), in 23 days (Demmitt-PA), in 20 days (Thompson-NM), 31 days (Miller-CA), 19 days (Michael-PA). Skeds and Radio Japan News were also received.  
KAMPUCHEA: Voice of the People of Kampuchea, 9695, f/d typed card in 2½ years, 8 months after follow up, 2 IRC (Fisher-MA). John was so happy with this one that he hand delivered the info to me (kap). Seriously, congrats, John, and nice to see you at the 2/27 gathering here (kap).  
KOREA, SOUTH: Radio Korea, 9720, f/d 1988 Summer Olympics card in 31 days (Leite-MA), 9570, f/d Rose of Sharon card in 38 days for regular monitor report (Miller-CA).  
KOREA, NORTH: Radio Pyongyang, 9977, f/d card and book about Korea in 1 year, 90 days after follow up (Kanopka-NY).

MONGOLIA: Radio Ulan Bator, 12070, date/freq folder along with pennant and SS propaganda in 120 days (Huffaker-MEX), same in 88 days along with "Mongolia's Road to Socialism" book (Sharp-FL).

NEPAL: Radio Nepal-Kathmandu, 9590, f/d plain white card by registered air mail in 15 months, sent tape and numerous follow ups (Lobdell-MA). Atta go Chris, super. Great meeting you and Nancy again recently and thanks for the help with the tape (kap).

PAKISTAN: Radio Pakistan, 5009, via Rawalpindi and 5060, via Islamabad, f/d personal letter in 5 weeks for EE report and mint stamps, v/s Mohammad Khan, Engineering Manager (Peshawar) (Howard-CA). Well done, Ron (kap).

PHILIPPINES: Radio Veritas Asia, 9605 and 11830, p/d cards in 13 and 42 days for monitor reports (Miller-CA), AFRTS relay, f/d cd in 60 days (Robinson-AUST); VOA relay, 26000, f/d 40th anniversary cd in 30 days (Smith-FL).

SARAWAK: Radio Malaysia-Kuching, 4950, f/d cd in 63 days, IRC (Thompson-NM).

SINGAPORE: Radio Singapore, 5010/5052/11940, f/d view of Singapore card in 25 days, 2 IRC (Robinson-AUST).

TAIWAN: Voice of Free China, 11825, 15345, 17800, f/d cards, pennants, skeds, pins, notebooks, tapes, etc in 23 days (Demmitt-PA), in 72 days (Tait-AUST), 60 days (Huffaker-MEX), 61 days (Sharp-FL), 78 days (Speer-CA), 98 days (Latko-OH). Certainly a nice package of goodies (kap).

TURKEY: Voice of Turkey, 15125, f/d logo card and Sunshine Radio pennant in 22 days (Boone-TX). This pennant is beautiful (kap).

VIETNAM: Voice of Vietnam, f/d pink and yellow cd along with sked and other material in 128 days (Sharp-FL).

#### MIDDLE EAST

AFGHANISTAN: Radio Afghanistan, 9665, f/d Silk Road Caravan card in 62 days for EE report and 2 IRC (Singel-IN).

EGYPT: Radio Cairo, f/d Anwar Sadat card in 109 days (Delk-PA).

KUWAIT: Radio Kuwait, 11650, f/d Walled City Folder card in 110 days (Erickson-CT), same in 52 days (Sharp-FL).

IRAN: VOIRI, 9022, f/d "War Is Ugly" card in 70 days for EE report and IRC (Heller-WA). No, kap is not going to say anything nasty this time.

IRAQ: Radio Baghdad, 9745, f/d folder cards in 131 days (Krist-VA), in 44 days along with pennant (Demmitt-PA).

ISRAEL: Kol Yisrael, 9815, f/d Wailing Wall card in 55 days (Thompson-NM), 11640, same in 49 days (Krist-VA); Galei-Zahal, f/d microphone caritative card in 50 days, 2 IRC (Pagano-DC).

LEBANON: King of Hope, 6215, f/d letter, sked and sticker in 22 days for EE report and IRC (Tate-WV).

SAUDI ARABIA: BSKSA, f/d crossed swords card in 59 days, 3 IRC (Pimblett-AB); in 40 days (Kivell-NM); 15060, same in 71 days (Thompson-NM).

UNITED ARAB EMIRATES: Radio Dubai, 17775, f/d world map card in 30 days (Sharp-FL), same in 1 month (Kamen-ONT), same in 34 days (Delk-PA).

YEMEN ARAB REPUBLIC: Radio Sana'a, 4853, date/freq letter in 40 days, 2 IRC (Huffaker-MEX); 2780, same in 160 days, 2 IRC (Gavaras-MN).

#### USSR

##### Radio Moscow Sites:

Armavir, 9785 (Sherwood)

Khabarovsk, 12050 (Speer-CA)

Kiev, 7165, 9800 (Kapinos-MA)

Lvov, 7115, 9765 (Kapinos), 11750 (Ross-ONT)

Moscow, 7150, 7440, 9685 (Kapinos); 7150 (Surprenant-MA), 9800 (Krist-VA),

Petrovavlovsk-Kamatchy, 15465 21535 (Speer-CA)

Petrozavodsk, 4780, date only letter with QSL statement (Hardester-CA)

Tula, 9610 (Kapinos)

Vinnitsa, 7215 (Kapinos)

Radio Kiev, 9800, f/d Ukraine Palace cd in 54 days (Ross-ONT); 11735, f/d Economic Achievements cd in 114 days (Boone-TX); 11735, f/d Lenin Museum card in 181 days for IRC on third try (Harvey-QUE).

Radio Peace and Progress, 15370, f/d cd in 30 days (Smith-FL)

Radio Tashkent; 11785, f/d Circles cd in 85 days (Krist-VA), map/logo cd in 50 days (Sharp-FL).

Radio Vilnius, 11735, f/d plain white card and letter in 91 days (Kanopka)

Radio Yerevan, 17870, p/d card in 94 days (Kamen-ONT).

Now the contest, a one year sub to Roger Legge's UHN to the first reporter who sends me a copy of a Radio Moscow via BAKU card. The site must be put in by the station. Radio Baku domestic service not eligible. The catch is that the QSL must be for a report dated February 1, 1982 or later. (kap). If the winner is already a UHN subscriber, the sub will be extended.

#### OCEANIA

AUSTRALIA: VLW9 Wanneroo, 9610, f/d map card in 16 days, IRC (Sharp-FL), same in ?? on second try (Kamen-ONT).

GUAM: KTWR, Agana, 11840, f/d cd in 40 days, 2 IRC (Blake-IN). Note to U.S. reporters, send a couple or three 20¢ stamps rather than IRC. (kap).

NEW ZEALAND: Radio New Zealand, 11945, f/d cd in 61 days along with sked and pennant in 61 days, 3 IRC (Hahn-CA), 17860, same in 2 moths for 2 IRC (Kamen-ONT).

SOLOMON ISLANDS: SIBC, 9545, f/d card in 20 days, no rp (Sharp-FL).

A very light Oceania section this months, am surprised that no Papuans and only 1 Aussie regional were reported (kap).

#### SOUTH AMERICA

ARGENTINA: RAE, 11710, partial data cards in 36 days, IRC (Singel-IN), in 7 days (Sharp-FL), in 340!+ days (Lord-CA), in 36 days IRC (Tate-WV).

BRAZIL: Radio Nacional, Radio Bras, 11830, 15125, 15290, 17805, f/d cards in 82 days, 2 IRC (Blake-IN), in 91 days (Tait-AUST), in 110 days (Speer-CA), on 86 days, 3 IRC (Forrester-SC), in 74 days (D. Johnson-ID); Radio Brasil Central, 4985, f/d letter in 145 days, PP report, IRC (Harvey-QUE); Radio Clube do Para, 4885, date/freq letter in 64 days, PP report, IRC (Parks-FL); Radio Cultura do Para-Belem, freq only plain white cd with verie statement in 4 months for EE report and 2 IRC (returned) (Lobdell-MA); Radio Marumby, 9675, f/d post card in 42 days for PP report (Ross-ONT); Radio Rio Mar, 9695, date only map card in 50 days for PP report and IRC (Ross) Nice regional turn out this time (kap).

COLOMBIA: Radio Guatapuri, 4815, no data letter stating that the report was correct in 34 days, SS report and ms (Thompson-NM).

ECUADOR: HCJB, The Voice of the Andes, 9745, f/d 50th anniversary card in 39 days, U.S. ms (Thompson-NM), 15155, f/d SPEEDX 10th Anniversary cd in 49 days, ms (Kamen-ONT); 15360, f/d 1950's studio card in 62 days (Thompson), 17875, f/d Hibiscus cd in 32 days along with ANDEX mailing (Scott-IL); Radio Cultural Antena Libre, 3240, date only personal letter in 3 weeks for SS report and ms (Lazarus-LA); La Vox del Rio Tarqui-Cuenca, 3285, f/d card, letter, in 7 weeks for SS report, ms (Lobdell-MA); Radio Quito, 4920, frequency only folder in 47 days (Kamen-ONT).

GALAPAGOS: La Voz De Galapagos, 4810, freq only animals of Galapagos cd in 212 days for SS report and 2 IRC (Lecuona-ARGENTINA).

PARAGUAY: Radio Nacional, 11915, freq only mimoe letter in 20 days for SS report and IRC (Lecuona-ARGENTINA).

SURINAME: Radio Apintie, 5005, f/d form letter and pennant in 49 days for 2 IRC (Boone-TX), same in 44 days, 2 IRC (Pimblett-AB).

URUGUAY: Radio Carve, 6155, f/d card in ??, SS report, 2 IRC (Huffaker).

VENEZUELA: Radio Yaracuy, 4940, date/freq carbon copy letter in 88 days for SS report, IRC (Sherwood-MA); Ecos Del Torbes, 4980, n/d map card in 35 days, SS report, 2 IRC (Pagano-DC), in 120 days for SS report and mint stamps (Boone-TX), in 45 days, taped report and mint stamps (Kapinos-MA); Radio Rumbos, 9660, f/d card in 50 days for SPEEDX tri lingual form (Kanopka-NY), same in 167 days for SS report (Boone-TX).

#### NORTH AMERICA

BELIZE: Radio Belize, f/d map card in 48 days (Smith-FL).

BONAIRE: Trans World Radio, 9755, f/d card, sticker, calendar in 78 days for IRC (Boone-TX), same in 41 days, IRC (Sharp-FL). TWR will accept 60¢ in U.S. mint stamps in lieu of IRC. (kap). Radio Netherlands relay, 6165, 9770, 27585, f/d cards in 70 days, 2 IRC (Claytor-MI), in 64 days (J.Jamieson-CA), in 30 days (Smith-FL).

CANADA: CFCZ-Montreal, 6005, date/freq Montreal skyline cd in 28 days (Erickson-CT); CFRX-Toronto, 6070, date/freq Marine Mobile card in 11 days (Michael-PA); CFCX-Vancouver, 6080, f/d Super Country (and a Super Catch it is) card in 30 days for ms (Gavaras-MN), CKZU - Vancouver, 6160, f/d CBC Centre card in 17 days (Garrett-CA).

CUBA: Radio Habana Cuba, 11760, f/d El Morro card in 158 days, 2 IRC (Ward-QUE), 15155, f/d card in 148 days (Surprenant-MA). I wonder if RHC pays Pitney Bowes rental for the meter they use (kap); Radio Moscow via Havana, 9600/11840, f/d cd in 75 days (Sherwood-MA), 9600 same in 75 days (Kapinos).

COSTA RICA: TIFC, 5055, f/d cd in 51 days, 2 IRC (Speer-CA), same in 47 days (Sharp-FL); Radio Casino, 5954, date/freq card and pennant in 242 days, IRC (Parks-FL), same in 90 days (Moss-CA).

GUATEMALA: TGNA, 3300, f/d card in 143 days, IRC (Chituck-ITALY); Radio Tezulutian, 4835, f/d Crowd Scene cd in 22 days, SS report and mint stamps (Kivell-NM).

HAITI: Radio Station 4VEH, 11835, f/d Haitian Childred card in 92 days for EE report (Sharp-FL).

HONDURAS: HRVC, 4820, p/d logo card in 26 days, 4 IRC (D.Johnson-ID), same in 23 days, 2 IRC (Speer-CA). HRVX-La Voz de la Mosquitia, f/d announcer at console photo card in 8 months total, 2 follow ups, for taped report, mint stamps via Tupelo address. They also completed and returned my PFC. Frequency was 4910 (Kapinos-MA). Yes, kap is happy with this.

NICARAGUA: La Voz de Nicaragua, 5950, no data letter and pennant in 120 days for EE report (Lord-CA), same in 90 days for ms (Kanopka-NY).

U.S.A. Voice of Free China via WYPR-Okochobee, 5985, f/d card and goodie pack in 30 days (Scott-IL, THE WINNER), same in 30 days (Thompson-ONT), same in 34 days (Alexander-NC); VOA Greenville, NC, 5995, f/d 40th anniversary cd in 22 days (Demmitt-PA), 15270, same in 9 days (Michael-PA), 26040, same in 31 days (Robinson-AUST); UNITED NATIONS RADIO, 15120, f/d UN Building card in 17 days (Krolak-MI); WINB-Red Lion, PA, 15185, f/d tri color card in 55 days, ms (Chituck-ITALY), same in 30 days (Lord-CA); La Voz De OAS, 15160, time/freq letter in 65 days (Tate-WV); WOIS, (PIRATE), 7428, f/d photo copy letter in 26 days for SASE (Michael-PA).

### " LA VOZ DEL RIO TARQUI "

#### LA RADIO DE LA IMENSA SINTONIA

Cuenca-Ecuador

Su reporte de fecha 28 de Diciembre de 1.81

hora 5:12 A.M. lugar Estados Unidos.

acerca de nuestra trasmisión, en la frecuencia de los  
3.285 khz. es correcta.

(CHRIS LOBDELL)

KAP'S KOMMENTS AND OTHER THINGS:

The typing should be a bit better this time around, finally have heat down in the office, no thanks to Sears. If I hadn't cancelled the order and gone elsewhere I'd have wound up waiting until June. Seriously, if anyone in the Central Mass. area needs a dependable plumber and heater installer, call me and I'll be pleased to furnish the gentleman's name.

Many reports are followed by the notation "ms" or mint stamps. The best source for foreign mint stamps that I know of is DX Stamp Service, 7661 Roder Parkway, Ontario, NY 14519. George Robertson has been running this service for many years and does a great job. In no case will the proper mint stamps needed to get a reply will cost you as much as 2 IRC from the USPS store, and in many cases, especially among the smaller stations, will get you a reply where IRC won't. Send a SASE to George for his price and availability list, make sure you tell him that kap sent you.

I want to make it perfectly clear that everyone's reports are most welcome in this column. Kindly keep your submissions to QSLs received in the past couple of months or so, as 4 year old QSLs are not of much use to the readers. As always, report forms, cut up, are most appreciated, but if I can read it I will use it.

Although this is not a Technical column in any sense, a little gadget has come along which I would like to pass some information along on. It is the Electronics Overseas Corporation, Inc. Shortwave Antenna and Booster. This is the one advertised in WRTH-1982. It is an indoor amplified antenna with about a 4½ foot whip that works quite well. At \$23.95 this might be a great deal for those who cannot use an outdoor antenna for whatever reason. An SASE to ECO, Inc., 214 Franklin Avenue East, Midland Park, NJ 07432 will get you full info. As usual, tell them that kap sent you.

And NOW, IT'S MILLER TIME.

*BEST,  
Kap 2/14/82.*

His Majesty's Government  
Department of Broadcasting  
**RADIO NEPAL**

Date: \_\_\_\_\_  
Singha Durbar  
Kathmandu,  
Nepal.

Dear Sir,

Many thanks for your reception report.  
I am pleased to confirm that your report was correct.

Date of reception ... *13 Dec 1980*  
 Frequency ... *9.570 MHz (7.5 31mb)*  
 Time ... *11.47 - 12.28 GMT*

Yours sincerely  
*for B. Khatry*  
(K. B. Khatry, C. Eng.)  
Chief Engineer

(CHRIS LOBDELL)



# Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

## FESSENDEN

FESSENDEN REMEMBERED

by Robert Fraser, WA

This past holiday season, a group of Marshfield, MA radio amateurs gathered in the Brant Rock section of that town to honor Prof. Reginald Aubrey Fessenden. Three quarters of a century before, Fessenden gave the world an unusual Christmas present - voice radio. Since that historic moment, however, he has become the "Forgotten Man of Radio".

Reginald Fessenden (1866-1932) was a Canadian of American ancestry. On his graduation from Bishop's College, Quebec, he went to work for the famous Thomas A. Edison and soon became his head chemist. In this time, Fessenden became interested in a new media, radio. Edison thought there was no future in it and when Fessenden persisted in his experiments in wireless, Edison fired him. Reginald's next job, at Western Electric, ended the same way. In 1892, he became Professor of Electrical Engineering at Purdue, and the next year, took the same job at the U. of Pittsburgh. Both jobs allowed him to experiment in wireless telephony without hindrance.

In 1900, the U.S. Weather Bureau hired him to set up and man a wireless telegraph station on a Virginia beach to report the weather. On Dec. 23, 1900, using their equipment, Reginald sent the first voice broadcast, clearly heard one mile away.

Two years later, the National Electric Signalling Company was founded to use Fessenden and his equipment to form a commercial two-way wireless telegraph company in competition to Marconi. In Dec., 1905, a 400 foot high metal tube radio tower was erected at Brant Rock, MA and a similar tower at Machrihanish, Mull of Kintyre, Scotland.

The Brant Rock station had the call "B0" and operated on 1,800 meters (167 kHz) with a power of 15 kw. In comparison, Marconi's station at nearby Wellfleet, Cape Cod, MA had the call "CC" and operated on 1500 meters (200 kHz) with a power of 35 kw. Both used the spark gap transmitter, crude by today's standards. As a result, the stations often drifted off frequency and interfered with each other.

On Jan. 3, 1906, Scotland sent a code message clearly read at Brant Rock. Fessenden, himself, replied and the Atlantic was spanned the first time by a two-way radio transmission.

The equipment was too crude for any good voice transmissions. Fessenden drew up specifications for new equipment which was built by General Electric and installed at Brant Rock by the fall of 1906. A short time later, he made an experimental voice broadcast to nearby Plymouth, MA which was a complete success.

On Christmas Eve, 1906, Fessenden made his historic broadcast to the world in general - a short speech, Handel's "Largo" on the phonograph, "O Holy Night" by himself on the violin, and a Biblical text. On New Year's Eve, he made a similar broadcast. Reginald wanted his helpers to perform also but all but a Mr. Stein developed "mike fright".

Fessenden continued his voice radio experiments which apparently was the cause of the trouble between him and the company. He left in 1911. In 1914, the N.E.S. Co. failed and the radio station shut down for good.

Reginald patented over 500 inventions in his lifetime, but any income from them was eaten up in court battles over patent infringements. Today, he is credited only with the invention of the heterodyne radio receiver (1905) which he shelved at the time as being of no practical use. Westinghouse acquired his voice radio patents in 1919 and in 1966, this company placed a plaque to his memory on the Brant Rock tower's base.

David Riley of Marshfield headed the local group that honored Fessenden on the 75th anniversary of the historic voice broadcast. He set up his mobile unit, AA1A/1, on the old tower base. The article on this commemorative transmission in the small local weekly, South Shore News, led me to believe it was a one time thing, on Christmas Eve. Although, I listened to all the amateur bands, particularly the crowded 20 meter band, for 3 1/2 hours, I failed to receive any of the transmission.

I wrote to David Riley and expressed my disappointment. He very kindly sent me a QSL folder of the event. He added that it had also been advertized in "QST" and "73" magazines and the daily Brockton Enterprise newspaper (none of which I see or get), and on the National Radio Net. Riley said that the commemorative broadcasts went from Dec. 19, 1981 to Jan. 2, 1982 and that they worked 918 stations.

Clearly, the Marshfield radio hams would see Fessenden's title changed from the "Forgotten Man of Radio" to "Builder of Tomorrows".

# RUSSIAN

RUSSIAN MADE EASY FOR THE SHORTWAVE LISTENER AND DX'ER

by Kevin Davidson, SC

Americans on the whole are abysmally poor linguists with increasingly smaller percentages of students studying foreign languages in school. Not understanding the language is a big handicap in DXing—both in the identification of stations and in the enjoyment of programming.

Most DXers, over time, learn the "radio words" in many languages by hearing the words in context, using similarities to English as a start. For example, "Hier ist" in GG sounds like "Here is" in EE and one has a point of reference for what follows.

While there are many similarities among the Latin-based Romance languages, Russian has a different origin with similarities to the other Slavic languages (Polish, Czech, Ukrainian, etc.). The purpose of this article is to introduce the DXer to the sound of RR and to impart a basic vocabulary of "radio words". With this new information there can be increased sophistication in DXing. There is really quite a lot of RR audible in North America from stations in the USSR as well as HCJB, WYFR, the VOA, BBC, R. Liberty and R. Canada.

A primer on RR has to start with the basic sounds. I'll forgo the alphabet, first because I doubt that ART has a Cyrillic typewriter and second because you don't see the alphabet on radio anyhow. Instead of the 5 vowels in EE, RR has 10. Five correspond with EE equivalents and the other 5 are similar but pronounced with a beginning "y" sound. Note the following table:

EE equivalent	RR Sound (hard)	RR Sound (soft)
a	ah (bah)	ya (yacht)
e	eh (bet)	ye (yet)
i	ee (beet)	yee (yeast)
o	aw (bought)	yo (yo-yo)
u	oo (boot)	yu (you)

By the way, the backwards "r" often seen is the letter for the "ya" sound.

Russian consonants follow EE except for a few special ones, such as "X" which is pronounced like the "ch" in Ch and is usually transliterated as "kh". (What previous Soviet leader's name starts with an "X" in Russian textbooks?). There's a consonant that sounds like the "shch" in "fresh cheeks". You can tell a Moscovite by how close the final "ch" sounds like another "sh". The "shch" sound is confusing to EE speakers as evidenced by the large number of spellings of Borshch in the unabridged dictionary! Another consonant has the sound of "s" in "measure"; it is transliterated "zh".

Now for vocabulary. Fortunately "radio" is about the same as in EE except for a slight trill on the "R". Following are common words heard in RR broadcasts.

- GOLOS — voice (Golos Ameriki, Voice of America)
- PEREDACHA — broadcast, transmission (pere-, trans-)
- VOT or A VOT — (here is, and here is)
- GOVORIT — is speaking (Govorit Kanada, Canada is speaking)
- MOSKVA — Moscow (Govorit Moskva, Moscow is speaking)
- GOROD — city (Novgorod, New-city)
- NOVI — new
- GOT — year
- VREMENIA — time (Moskovskaya bremeni dvadtsat dva chasa, Moscow time 22 hours)
- CHAS — hour
- RADIOSTANTSIIYA — radio station (Radiostantsiya Rodina, radio station homeland)
- IZVESTIYA — news
- TIKHI — quiet (Tikhi Okean, Pacific Ocean)
- ATLANTIKA — Atlantic
- MAYAK — Beacon, lighthouse
- PROGRAMMA — program
- METR, METRA, METROV — meter, meters, meters

Russian grammar is complicated by the changes in word endings for different word usages (cases). The same word may end in "a" or "u" or "ov" or "mu", etc. depending on context.

It is therefore most important to decipher the beginning of the word. The word ending changes are no more complex than in the various uses of numbers for frequencies, fractions and times.

Following is a number table for the nominative case.

0 nul	10 decyat	20 dvadtsat
1 odin	11 odinnadtsat	30 tridtsat
2 dva	12 dvenadtsat	40 sorok
3 tri	13 trinadtsat	50 pyatdecyat
4 chetiryey	14 chetirnadtsat	60 shestdecyat
5 pyat	15 pyatnadtsat	70 syemdecyat
6 shest	16 shestnadtsat	80 vosyemdecyat
7 syem	17 syemnadtsat	90 dyevyanosto
8 vosyem	18 vosyemnadtsat	100 sto
9 devyat	19 devyatnadtsat	1000 ticyacha

For example, 1981 is ticyacha devyat cot vosyemdecyat odin.

The information in this article may be supplemented by SPEEDX's own excellent publication, A Guide to Soviet Broadcasting which contains additional vocabulary and a RR language reporting form.

## MILITARY SETS

OLD MILITARY RADIOS - CAN BE FUN!

by Robert C. Hart, Jr., JL

Nobody much talks about old radios these days - if they say anything, it's always about - Hay Sam - want to see my new million dollar shortwave receiver. I don't have to turn it on. It turns on when I walk in the room. It's computer controlled; it even gets supper for me!

Shades of the twilight zone? Well maybe - but what can you do with a radio that says the direct frequency readout of the BBC, RSA, etc. It's not much fun if all you do is write it in your log and sit back with a six pack. Now I don't much care for radios that even a three year old can turn on and run. I prefer a good old GR5 army shortwave receiver. It is a 12 tube job and so what if a tube blows. It's better than TV or the local arcade! And you learn something. The trouble with the kids of today is that they really do not know anything about radio. I will give you an example. I fixed a transistor job for a buddy of mine at work. I told him it needed two new variable resistors. He didn't even know what I was talking about. All he said was, "That's neat."

Half the Teenagers who work with me in a local restaurant don't read anything - not even comic books. Lives gotten too simple. Just do that and you get that. I'm perhaps off track here, but I do have a point to make. Get a cheap tube-type radio and learn all about it. Read books on it and you will know more than Mr. Jones who owns that digital wonder next door.

## DX EXHIBIT

A SMALL SHORTWAVE EXHIBIT

by Bob Fraser, W4

Recently, I put on a small SW exhibit at the Hingham, MA Public Library. The idea was to introduce newcomers to this fascinating hobby. Thus, it was kept as simple as possible.

The title of the display was "Hear the World on Shortwave." I was spared hand lettering a sign by receiving a bright red bumper sticker saying about the same thing from SPEEDX.

The exhibition area was a floor case about 8 feet long, 4 feet high, and 2 feet wide. It had only its bottom as the major area with a narrow shelf, about 6 inches wide, halfway up and running the full length of the case.

Half the shelf contained numerous QSL cards. Most were from the more powerful stations but I included a few small stations, Luxembourg for instance. Also, my one-only Tahiti and the never again Iran. Most cards were the older ones. I find the new ones are just post cards showing an anonymous modern building or pastoral scene with all the printing on the back. Stations seem most reluctant to deface the view with their ID or logo, more the shame.

The rest of the shelf contained schedules, a report form, and three pennants.

On the bottom shelf, I went into detail on SW with four pieces of typewriter paper. The first sheet had a vertical "ruler" covering the radio spectrum from 10 kHz to 6 GHz. Colored areas showed the various bands as: LW, MW, SW, FH, and the VHF and UHF public bands and TV, and denoting with the satellite frequencies for cable TV. On the left side of this sheet

was an explanation of the terms "kilohertz", "Megahertz", and "Gigahertz". On the right side was a more detailed explanation of the bands, their uses, and coverages in frequencies.

The second paper listed the eight international SWBC bands in meters, MHz, and coverage in kHz. The rest of this sheet was about propagation, its daily and seasonal changes, and why.

The third paper listed the major foreign SW stations broadcasting to the U.S. in English. Frequencies were in MHz as inexpensive radio dials are so marked, and times were general: morning, afternoon, evening, night.

The fourth paper had the U.S. SW stations, also in MHz but with no times listed. The what is heard on SW compared to local AM and FM programming, including the differences in IDs. A short paragraph at the end was on WWV and CHU time stations and their purposes.

Next as an open ITU "Frequency List" borrowed from a friend. He was a number of SWLs I asked for advice. He suggested it be open to show the many uses of SW and how crowded that band is. On one corner of this large book was a 1980 WRTH.

Beside this were a bulletin each from NASWA, SPEEDX and ANARC representing SW listening clubs. The explanation card also had their addresses for any interested viewer.

Then came a small display of the many SW receivers available. I thought to use real radios but I was beginning to lack room. So I had a few pages from a Radio Shack and Sony catalog, plus catalogs from Gilfer, Radio West, and Radio International with their addresses. Another card stated that any multi-band with a section marked "SW" and the dial covering from 6 to 18 MHz could receive most of the stations and added that other radios could be seen at the local radio shops. (This was not intended as a plug, only a help to those interested.)

Right next to this was the ANARC bulletin "Choosing a Receiver" and Radio Nederland's "Receiver Shopping List".

The rest of the case was taken up by the "goodies" - newspapers, magazines, calendars, stickers, and so forth. Even a funny looking "Rubik's Cube" I had just gotten from Hungary. Most of this I usually forward along to HAP so I again had to borrow a number. And, as I was fast running out of room, I got less than half of this section into the case that I wanted.

The exhibit was set up without fanfare or publicity. This case always has some exhibit, usually by the local school children. The case is just inside the entrance to the library and one almost falls over it. I felt with its bright QSL cards and stickers, it would be hard to miss, but so far, I have received no response from the display.

As mentioned, I asked a number of people if they had any ideas about this exhibit. One idea was to have a cassette recording of the various SW stations going. I thought long on this and finally rejected it. First, I could not always be there and this would mean some librarian would have to interrupt her work. Also, it being a library, someone might object to the noise.

I have set up many exhibits in my life and afterwards, I always review them to see if I could make any changes. I feel I might have made the explanation of propagation even simpler. However, it was fun and I may do it again somewhere also in the near future.

=====

## IRC'S

*INTERNATIONAL REPLY COUPONS: A STATEMENT FROM THE UNIVERSAL POSTAL UNION  
by Mike Handester, CA*

Like many DXers/SWLers, I have sent many IRCs over the years, though the virtues of using mint stamps are continually promoted. While mint stamps may often prove the difference between a reply and no reply, considering prices today, a single IRC sent with a report and a request for a surface reply is often less expensive and easier on the hobbyist. In a recent reply from the Universal Postal Union (Weltpoststrasse 4, 3000 Berne 15, Switzerland), a couple of interesting facts were learned and I would like to share these with you.

To quote directly from the letter I received: "Under article 31 of the Universal Postal Convention, the sale of international reply coupons is optional. The exchange of reply coupons is, however, compulsory for all UPU member countries. . .Consequently, there are no UPU member countries which do not accept international reply coupons." Needless to say, I found the last part a bit humorous owing to past experiences with stations and comments from other hobbyists regarding their experiences. Regardless, while expensive at 65¢ an IRC, an IRC is often cheaper than the corresponding price for mint stamps. . .if one doesn't mind a surface reply.

Also enclosed with the letter was a list of member UPU countries (the list being dated 15 November 1981), and despite what Nepal (Radio Nepal, that is) says, the Kingdom of Nepal

is a member of the UPU. And a brief list of "Independent countries whose situation with regard to the UPU has not yet been settled" includes, Antigua, Belize, Kiribati, Solomon Islands, and Vanuatu.

So, while a bit expensive, the IRC is still alive and well. As an afterthought, the following comment is felt to be apropos. Some hobbyists have advocated including US currency (usually U.S. \$1.00) with a report to help with postage. A nice gesture, but such may be unhealthy in some countries. In my travels with the U.S. Navy, I have become acutely aware that receipt of foreign currency (via mail, in person, etc) can be considered an act of black marketing and the offender (possibly the verie signer) may end up with a prison sentence. This is no joke, but reality. So, please be careful in what you decide to send a station. Here's where the U.S. dollar may prove to buy more than is expected!

## TIDBITS CUBAN BROADCASTS MAY BE

JAMMED: Electronic jamming may be directed against Cuba in retaliation for that nation's use of high powered transmitters that interfere with U.S. radio stations, according to Thomas Enders, assistant secretary of state for inter-American affairs. Enders testified on the matter Wednesday before the House Foreign Affairs Committee. (John D. Williams, MI)

BROADCAST BAN: Israeli parliament passed a law banning offshore pirate TV broadcasts. The law was enacted in an attempt to stop broadcasts of first-run movies from ships anchored outside Israeli territorial waters. The Odelia (name of the ship) has been broadcasting two movies nightly, including "Raiders of the Lost Ark," for several months. The new law includes a six-month prison term and \$1,300 in fines for offenders and forbids the supply of food or fuel to pirates. In addition, the legislation requires broadcasters to obtain a license to operate a TV station. The ship owners say they will continue to broadcast movies because the law does not go into effect until its appears in the Government Gazette. (John H. Demmitt, PA via Broadcasting Magazine)

CURTALMENT: Most regretably, Glenn Hauser's interesting DX Listening Column in Popular Electronics will now appear only during alternate months. (Dave Maxfield, MI)

SPACE SHUTTLE FREQUENCIES: To those of you who may want to listen to the next space shuttle mission, the frequencies are: 296.8, 259.7 MHz AM and for voice downlink 2287.5 MHz FM. Now that's what I call SHORT-wave. PS. For you scammer users, Grove Enterprises advises they have available the Federal Frequency Directory. Although the edition of this book is two years old, it is still 99% accurate. (Via Grove Enterprises from Taylor, AZ)

OUR VISIT TO CBC IN SACKVILLE: My wife and I took a 10 day trip to the Canadian Provinces of New Brunswick, Nova Scotia and the Prince Edward Islands. One of the highlights of the trip was a visit to CBC-RCI Antenna Farm and Transmitter site in Sackville, New Brunswick. Sackville is 30 miles west of Moncton, the nearest large city. Sackville has a population of 2000 and only one large industry. Mr. Alan Daily, a transmitter technician took us on our escorted tour. Mr. Daily gave us a very

informative and interesting tour. A special thanks goes to Mr. Daily as he filled in admirably as guide. He showed us first the manual 50 kw transmitters and antenna switches. One of the transmitters was broadcasting to Africa on 9455. We were next shown the master control room which is fully automated and also controls the 250 kw transmitters. Operations and programs are computer controlled. All programs are made in Montreal. They are sent to Sackville by microwave to Moncton and then sent by land to the transmitter site. Recently they have sent programs directly to Sackville but problems have occurred. The reflections from the snow caused considerable problems. They are still working out the bugs. Only the DW programs are made at another transmitter site. The opening BBC announcement is patched into their relays. I cannot provide any more information as I am doing this from memory and no other material is available from the site. I left Sackville on a rainy afternoon taking pictures as only a DXer would do getting soaked; pointing our car towards Moncton, our next stop. We left Mr. Daily dreaming of his opportunity to join the TV section in the future. (John B. Vockeroth, NJ .)

COAX CABLES: Some of us have been using "shielded" hi-fi cables to interconnect our receivers, preselectors, active antennas, etc. SPEEDXer W.R. McIntosh in The Lowdown (LWCA) for 12/81 reminds his readers that coax cables give much more and better shielding as well as considerably less RF signal loss. Moreover, if one's receiver and/or other gadgets require RCA rather than UHF connectors, Mac adds that Radio Shack carries a handy adapter (No. 278-208; \$1.99) that is UHF female to RCA male. (Dave Maxfield, MI)

SOUTH DUBLIN RADIO MAY BE SHORTLIVED: I have just returned from Dublin, Ireland (business trip) and while there asked about South Dublin Radio which many of us have heard early in the mornings. It is, of course, a pirate station in that it is not a Government owned or operated one or, for that matter, even licensed. Two things look like they will bring this broadcaster to his knees. First, the station has been trying to sell commercials around Dublin (yes, they are on locally during the day on AM). This is strictly against the law over there. Second, a brand new law against



anything but Government operated stations is now being drawn up and looks like it will pass quickly to plug this drain on the Government RTE Radio. (Roger N. Peterson, CT)

BELGIUM ON MEDIUMWAVE: From the 1st of January 1982, the International Service of the Belgian Radio and Television will begin transmissions in the mediumwave band on 1512 kilohertz. Between 1700 and 2245 GMT, our programmes in Flemish, English, Portuguese and Spanish will also be transmitted to Europe. Through this initiative, we hope to inform Europeans and our own countrymen about Flanders and its cultural life. (Direct from BRT via John H. Demmitt, PA)

CW/RTTY: SWLers interested in RTTY and CW but who hate Morse should read Fred Osterman's World of RTTY in the 2/82 Bulletin of the International DXers Club of San Diego. It illustrates the advantages/disadvantages of CW/RTTY "readers" as compared with "converters and adapters." (Dave Maxfield, MI)

RADIO SWEDEN'S NEW QSL SYSTEM: Radio Sweden has gone over to a new system of issuing QSL cards. The idea is to ease the workload on their staff and at the same time improve the service to DXers. Their new card will be sent out twice a year in connection with their programme guide. On the cards, they will ask you to write about your reactions to the contents of their programmes. And they will be changing the card designs and the questions each time. (Direct from Radio Sweden via John H. Demmitt, PA)

OFFICIALS SAYS US WANTS TO AVERT RADIO WAR WITH CUBA: A government official says the United States is willing to negotiate with Cuba to avert a radio war in the Southeast even though Cuba has refused to sign an international agreement on broadcast frequencies. "The ball is in their court," said Kalmann Schaefer. "We are certainly prepared to engage in bilateral discussions. Cuba will have to realize that mutual interference doesn't serve anyone's interest. Without an agreement, all parties suffer." Schaefer returned to work at the Federal Communications Commission this week after six weeks in Rio de Janeiro, where he headed the US delegation to a 24-nation hemispheric conference on AM radio policies. He said the US delegation concentrated on trying to protect the 4,600 AM broadcasters in the United States from new stations in other countries. (Ann Arbor News, 12/25/81 via David Claytor)

THE SANDISISTS SILENCE RADIO NEWS PROGRAM: A popular radio news program has been ordered off the air by the Government "for broadcasting news harmful to the armed forces," Nicaragua's General Administration of News Media said today. A statement from Democratic Coordination, a coalition of four anti-government parties, protested the action, saying it violated "the Nicaraguan people's right to be informed." The coalition demanded that the program be allowed to return. In a prepared statement, the administration said the program, Hoy, was ordered off the air Wednes-

day. The agency did not say when the offending broadcast was aired or what it had done to harm the armed forces. It was the fifth news program silenced by the Sandisist Government since it came to power July 19, 1979. (NY Times, 1/22/82 via Getzel)

FCC THIRD CLASS PHONE LICENSE WITH ELEMENT NINE: People who now hold the third class phone license with Element nine (Broadcast Endorsement) will no longer be reissued. When the license expires that will be the end of it. What will happen to those of us who have the license? We will have to retake the test if we want to upgrade our ticket to a second or first class license. (Taylor, AZ via the FCC)

FLORIDA BROADCASTERS OFFER HELP WITH RADIO MARTI PLAN: The South Florida Radio Broadcasters Association has not only come out in support of the Reagan administration's plans for a Radio Marti to broadcast news of Cuba to the island. The association says it is confident it knows how the job can be done cheaper and has a suggestion as to what could be done with the savings. William L. Viands Jr., president of SFRBA and vice president and general manager of WIOD (AM)-WAlA (FM) Miami, wrote a letter to President Reagan last week, saying that he and many of his colleagues in the association believe the proposed operation can be put on the air and operated for "a third" of the \$10 million estimated by the administration. What's more, he said the south Florida broadcasters will volunteer their assistance in the engineering, programing and other parts of the project. "We have the best broadcasters in the country in south Florida, and we can contribute a tremendous force of experience and talent to Radio Free Cuba at no charge," Viands wrote. But there is something the broadcasters want in return, though not for themselves. If \$7 million can be saved, Viands wrote to the President, "may we suggest you consider giving it to Dade county to offset the financial burden of the (Cuban) refugees or give it to the Dade County immigration office. They need all the help they can get in South Florida." Then Viands concluded that the south Florida broadcaster want to help in the effort "to keep Castro in his place. It's time somebody did!" A White House spokesman said he was sure the commission to be created to establish Radio Marti would "welcome any suggestion" as to how the costs could be trimmed. But he had no comment on the suggestion as to how the government might spend any savings. He noted, however, that "this is reprogramed money (from State Department Funds), not new money." (John H. Demmitt, PA via Broadcasting Magazine)

CONTRIBUTORS: It has come to my attention that many members want to see more technical articles. So would I! However, they will not appear unless you contribute. You are the only ones who could make it happen. Be active. What we need are receiver reviews, reviews on standard as well as active antennas in addition to equipment reviews. Have a nice April.

735, *John*

CONTRIBUTORS -- APRIL, 1982

Back again! Numbers preceding each name indicate the number of columns to which the member reported this month. PLEASE NOTE: SECTIONS OTHER THAN SWBC/QSL/UTE/SKED ARE CREDITED DIRECTLY BY THE MEMBERSHIP CHAIRMAN! Those figures do not appear here. There were 176 reporters this month, down 21 from last month -- a little more than 15% of the current membership. Thanks to all who reported this month, and we encourage all members to report next month. This column is compiled by Chris Hansen

1	AKED, Roger	FRANCE	NRD-515	2	HARDESTER, Mike	CA	R-1000
1	ALEXANDER, Rodney	IA	SPR4	1	HARTUNG, Jim	MD	DR-7
4	ALEXANDER, Sam	NC	DX-302	6	HARVEY, Sheldon	PQ	ICF-6800W
3	ANNIS, William	IN	SPR-4	3	HELLER, Brian	WA	FRG-7700
4	ATKINS, Guy	WA	FRG-7700	4	HESCH, Ruth	NY	R-1000
1	AUDETTE, David	MA	DX-300	1	HOLBROOK, Hank	MD	HQ-129
1	AYERS, Wayne	OH	CRF-5100	4	HOTALING, Stan	NV	RF-2800
4	BEAL, Hobart	WA	R4C	1	HOUE, Dave	VA	DX-302
5	BELLARD, Warren	OH	R7	1	HOWARD, Ron	CA	SB-310
3	BERRI, Jason E.	CA	RF-2900	4	HUFFAKER, Carl	MEXICO	HOMEBREW
4	BLACK, Tom	CA	R4A	6	JAMIESON, Jamie	CA	R-1000
4	BLAIZE, Sandy	LA	EDDY. 830/7	2	JOHNSON, David	ID	?
3	BLAKE, Jerry	IN	FRG-7700	4	JOHNSON, Fred	IL	ICF-2001
1	BODELL, Bob	OR	?	4	JOHNSON, Howard	TX	R-1000
4	BOEHM, Jim	TX	FRG-7	5	JOHNSON, Mark	ID	DX-302
5	BOONE, John	TX	RF-2600	1	JONES, David	VA	S-151-1A
1	BRANDT, Richard	FL	ICF-2001	3	JONES, Jack	MS	SPR-4
1	BREVILLE, Walter	MO	R-1000	5	KAMEN, Allan	ON	?
3	BROWN, Terry	NE	FRG07	1	KANOPKA, Leon	NY	DX-300
3	BYRON, Leslie	NY	PAT 9	1	KAPINOS, John	MA	FRG-7 et al.
3	CADY, George W.	IL	FRG-7	6	KASPRZYK, Emil	TX	R4C
1	CARLSON, Roy	CA	DX-300	5	KERRIGAN, Patrick	IL	R-1000
1	CARLSON, Virgil	WA	SX-190	2	KIVELL, Bob	NM	DX-300
1	CASAVANT, Richard	PQ	DX-200	1	KNELANGER, Scott	IN	?
4	CEREGHIN, John	MD	DX-302	4	KOBYLSKI, Tony	MD	FRG-7
1	CHABAK, Mike	AZ	HQ-180	4	KORNEK, Joachim	FRG	NRD-515
1	CHINSKY, Mark	NY	RF-2600	7	KRIST, Kraig	VA	FRG-7700
7	CHITUCK, Bruce	ITALY	DX-302	4	KROLAK, Eugene	MI	FRG-7700
4	CLARK, Guy	KS	FRG-7	3	LANGLOIS, Harold H.	GA	NC-98
2	CLAYTOR, Dave	MI	R-1000	1	LATKO, Jay	OH	DX-302
4	CONNELL, Charles	CA	CRF-320	1	LAZARUS, Henry	LA	SX-190
1	CONWAY, Peter	UK	51J4	1	LEARY, Robert	OH	FRG-7700
1	COOK, David	CA	FRG-7700	2	LECUONA, Alberto	ARGENTINA	FRG-7000
1	COSTIN, Steve	AUSTRALIA	FRG-7	1	LEEMAN, Joe	RI	FRG-7
3	COX, Frank	LA	HQ-100	4	LEITE, Steve	MA	HQ-180A
3	CREAMER, John	CO	R-1000	1	LEONARD, Michael	ME	R-1000
3	CRUMPLER, Marc	CA	R-1000	3	LEVIN, Jay	NJ	RF-2800
4	CUCURA, Vladimir	PA	FRG-7000	1	LEWALLYN, Robert	GA	RF-2800
3	CUNNINGHAM, Larry	OH	FRG-7000	3	LINDLEY, Terry	AL	DX-300
1	CUPPY, Brad	IN	ICF-2001	4	LOBDELL, Chris	MA	FRG-7000
2	DAVIDSON, Kevin	SC	DX-300	4	LORD, Earle	CA	RF-2600-F
5	DELK, John	PA	DX-28	4	LUCAS, Richard	CA	R-1000
6	DEMMITT, John	PA	HOMEBREW	2	McCANTS, Donald	LA	ICF-2001
1	DONAHUE, Patrick	CT	DX-300	4	MANNING, Sandra	TX	FRG-7700
5	DUGUAY, Rick	MA	?	1	MATTHEW, Rick	BC	R7
4	DUNHAM, William	LA	DX-300	1	MESSINEO, Chris	MA	DX-160
3	ERICKSON, Eric	CT	?	3	MICHAEL, Chris	PA	ICF-2001
1	EWING, David	IL	FRG-7	6	MILLER, Bill	CA	DX200
4	FISHER, John	MA	GPR-90	2	MILLER, John	CA	?
1	FITZGERALD, John	RI	R-300	1	MOORE, Alex	UK	R7/DR7
2	FLANAGAN, Jack	MA	HQ-100	7	MOSS, Randy	CA	R-1000
4	FORBES, Lew	TX	FRG-7	4	MOUNTAIN, Gerald	BC	FRG-7
5	FORRESTER, Philip	SC	DX-302	2	MURFF, Nathan	NM	FRG-7
5	FRASER, Robert	MA	XCR-30	4	NEAL, Sam	TN	RBC-5/75A4
1	GARDNER, T.A.	UK	TR7/DR7	1	NIDA, Jon	MN	RF-2800
6	GARRETT, Larry	CA	?	4	NIKOLICH, Mike	IL	HQ-180
1	GAVARAS, Tom	MN	HQ-180	1	OAKLEY, Marjorie	OR	FRG-7
3	GEORGE, Charles	TX	SSR-1	1	PAGANO, Frank	DC	RACAL
1	GRGAS, Aejko	NY	?	1	PALMER, Bob	WA	R-1000
1	GRIJALVA, Gabriel	AZ	DX-302	6	PARKS, William	FL	HRO-60
2	GROSVENOR, Norman	CA	FRG-7	4	PETERSON, Roger	CT	FRG-7700
1	GUINN, M. James	MI	ICF-5900W	6	PFEFFER, Morris	NY	RF-2200
5	HAHN, Jeff	CA	FRG-7	1	PHILLIP, Joyce	BC	CRF-510
1	HANSEN, Chris	NY	R-390A/HQ-180	2	PICKARD, Wilder	IL	R7

1	PIMBLETT, Nigel	AB	RF-2600	4	SMITH, Traver	CA	NRD-505
1	PRINGLE, Charles	CO	R-1000	4	SNYDER, Scott	NY	?
1	RADTKE, Carl	CA	SPR-4	4	SPEER, Richard	CA	FR-2900
1	RANKIN, Robert	KS	DR7	2	STEPHENSON, Norm	CA	SPR-4
2	RAYMOND, Bob	MA	FRG-7	1	STOCK, Len	CO	FRG-7000
1	RAYMOND, Greg	MA	FRG-7000	3	STONE, Wilfred	ON	FRG-7000
1	REAMES, Seth	JAPAN	?	3	STREETER, Robert	NY	NORDMENDE
1	REINSTEIN, Steve	FL	RF-2200	3	SURPRENANT, J.M.	MA	DX-100
1	RICCIUTO, Albert	NY	DR-22	1	TACOMA, Scott	CA	FRG-7
5	ROBINSON, Michael	AUSTRALIA	R-1000	4	TAIT, Donald	AUSTRALIA	ICF-2001
6	ROSS, Robert	ON	?	5	TATE, Harold	WV	SEARS 412
1	RUSSOW, Hans	FRG	EC-958	1	TAYLOR, John	MO	DX-160
5	SABLE, Thomas	CA	FR-6600-JW	5	TAYLOR, Lyle	AZ	FRG-7700
4	SAMS, Mitch	AR	FRG-7	7	THOMPSON, Glenn	NM	FRG-7
4	SANCHEZ, Sam	CA	DX-302	5	THOMPSON, Peggy	CA	FRG-7
4	SARKISIAN, Brian	MI	RF-2600	4	ULMER, Doug	LA	R-1000
4	SCHROEDER, Art	WI	DX-160	2	VALENTINE, Fred	CA	RF-4800
2	SCOTT, George	IL	ZENITH T/O	2	WARD, Henry	PQ	FRG-7000
1	SCOTT, Tom	OK	ICF-6700-W	4	WILLIAMS, John	CO	R-1000
5	SHAMBLIN, Bill, Jr.	CA	RF-2200	1	WILLIAMS, John	MN	R4B
3	SHARP, David	FL	DX-160	1	WILSON, David	OH	R-1000
1	SHEPHERD, Greg	IL	DX-300	1	WITTE, Marjorie	CA	FRG-7
1	SHERWOOD, Linda	MA	DX-160	1	YAJKO, Robert	PA	SPR-4
3	SHEVCHENKO, Ted	BC	R-1000	1	ZAVATSKY, Mark	CT	R-1000
1	SINGEL, Rick	IN	RF-2200	4	ZILMER, Bob	NM	ICF-5900-W
6	SMITH, Tom	FL	XCR-30				

The astute will have noted that I miscounted -- there were 177 contributors. Thanks again for contributing and we'll see you next month. 73's de Chris and Arkie

No Collect Calls:                      SELL \$\$ SEEK \$\$ SWAP                      No Collect Calls:

FOR SALE: Brand New RF-4900 w/warranty card @\$300. Palomar VLF Converter @\$35. 1981 WRTH brand new @\$7. Donald N. Davis, 165 High St., Dalton, MA 01226 (all FOB). (413) 684-3566 after 2300 GMT.

FOR SALE: LOTS A TUBES! Miniatures @\$1. Med & Lg glass @\$1.50. Metals @\$2. Special tubes like 807, 826, 6CD6, 6C8, JAN 1916 etc. @\$2. Lots a common jobs like 6 or 12 prefixes - 6AL5/6AU6/12AT7/12AV7 - too many to list. About 500 glass and over 100 metal tubes still on hand. Need a metal 6SA7 or a glass 5U4? Tell me your needs and I'll check my stock. Your money refunded in the tube(s) don't work OK. Don Johnson, P.O. Box E, Elsinore, CA 92330 (SASE appreciated with inquiry) Thanks!

FOR SALE: Kenwood R-1000 like new w/2.7 & 6 kHz selectivity - in original carton w/operator's manual. A deal at \$295! First M0 or cashier's check takes it. All others will be returned. Don Johnson (address above)

FOR SALE: SPR-4 w/ham band & domestic SW band Xtals, plus speaker. Modified for Drake synthesizer. \$335 M0 or certified check. Ship via UPS. Will sell separately 10 Xtals cover Ham and all SWbands for \$90. Roger Giannini, 1111 Forest Hills Dr., Belleville, IL 62221. (618)235-4059.

FOR SALE: Collins R-390, ugly, but works fine. \$300 includes shipping via Grayhound. Robert Vokes, 2406 Quarry Rd., Austin, TX 78703

FOR SALE: YAESU FRG-7 @\$200. AUTEK QF-1 audio filter @\$40. Trap dipole (ham antenna 10-80) with RG-8 @\$50. Terry Brown, 3215 9th Ave., Kearney, NE 68847.

FOR SALE: All UPS paid. Mint RF-3100 w/box & instructions @\$210. RF-2200 w/never-used inverted L antenna & matching tuner, all Panasonic @\$85. GE Superadio, B model w/antenna terminals @\$40. Frank Schoemaker, Box 6432, Syracuse, NY 13217. (315)446-9016 evenings.

FOR SALE: Mint DX-300 w/original carton & owners manual @\$265. Will ship via UPS in USA. Jack Bristoll, 1112 Olive St., Paso Robles, CA 93446, or call (805)238-7174. NO collect calls.

FOR SALE: DX-300 very good condition w/original carton, owners and service manuals @\$200. Ship prepaid. Mike Todd, Box 392, Banner Elk, NC 28604. Phone (704)387-4561 GMT 1000-0300. NO collect calls.

FOR SALE: Kantronics Field Day II, excellent condition @\$350. Jim Hartung, 601 Rowe Dr., Aberdeen, MD 21001.



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