

SPEEDY

SPEEDX

the dx radio magazine
for active shortwave listeners



September 1982

Vol 12 No 9

T. KLASSEK



KEYNOTES

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

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!

XX

GREETINGS TO A FULL DOZEN FULL MEMBERS!

- | | | |
|--------------------------------------|---------------------------------|---|
| JOE ADDISON
Salina, KS | DANIEL GREENBAUER
Tucson, AZ | SAMMY NEAL
Cleveland, TN |
| THOMAS BLACK
Sun City, CA | DONALD HOSMER
Dearborn, MI | NOLAN STEPHANY
Williamson, NY |
| RICHARD CASAVANT
Montreal, Canada | LEE KANON
Brooklyn, NY | JOHN TAYLOR
St. Louis, MO |
| ERIC ERICKSON
Stamford, CT | WAYNE KOEHLER
Montgomery, IL | LARRY & GAYLE VAN HORN
Grand Prairie, TX |

And there you are, SPEEDXers, a fine, full dozen who have worked their way out of the Associate ranks and achieved Full Membership! Assuming that the U.S. Pony Express has used fresh mounts, you now have a handsome Membership Certificate to frame and hang above your gear for all to see. A copy of the SPEEDX Constitution is yours for keeps, and the vote is yours! Remember to keep your Membership "Full" by sending in reports to SPEEDX.

NOW 32 MORE 'ASSOCIATES' ON WAY TO 'FULL' STATUS

- | | | |
|---------------------------------------|-------------------------------------|---|
| THEODORE BETTER JR
Pittsburgh, PA | RON MURRAY
Oxnard, CA | KENNETH ROTH
Van Nuys, CA |
| ALAN LEDER
Paterson, NJ | KEN BURGESS
Swift Current, Can. | ED SLATER
Pensacola, FL |
| ULRICH KREBSER
Kloten, Switzerland | ROGER SABELLA
Chicago, IL | KAZUHIRO SUGAI
Niigata-ken, Japan |
| MARK MURPHY
Lockport, NY | DAVID COURSEY
Dallas, TX | WILLIAM MC MAHON
Oxnard, CA |
| PHILLIP DAMPIER
Rochester, NY | BRUCE MAC GIBBON
Gresham, OR | LARRY HINES
Waynesville, MO |
| LESTER JEFFERY
Apalachin, NY | WILLIAM POLSGROVE
Meridian, MS | TOM DAVIDSON
Mission, KS |
| WAYNE HENSLEY
Angleton, TX | STANLEY JONES
Crawfordsville, IN | H. JOSEPH HUKTLL
Missoula, MT |
| WALTER GAEDE
Torrance, CA | HUB RATLIFF
Houston, TX | CARLO AVOGARO
Los Angeles, CA |
| CINDY HAUSER
La Crosse, WI | KEITH BROOKS
Brookings, OR | MARIO STUTTERHEIM
Roosevelt Island, NY |
| LEWIS MORRISON
Asheville, NC | MELVIN FLANNAGAN
Cha-Ville, VA | ALLAN JOHNSON
Bellevue, NE |
| MICHAEL MOORE
El Paso, TX | DAVID O'DELL
Little Rock, AR | |

Congratulations to all 32 of you on taking your first step toward Full Membership in SPEEDX. It's just a short haul if you get cracking and send in your loggings, QSL Reports, et al, to the proper SPEEDX Editor whose address is at the top of each column. The 12th of the month is the deadline for each column, but if you want to save a bundle in postage, you can send all your reports to our Central Distribution Editor, Peggy Thompson, 2706 Alabama, La Crescenta, CA 91214. Her deadline is the 7th. She'll move them on for you. Let's see how fast you can move your name to the top of the page. You'll like it -- the view is wonderful!

FOR 'HOT' DX NEWS, GET 'SPEEDXGRAM'--US\$4 in NA, \$6 or 30 IRCs elsewhere. Check to Bob Bodell, 9118 S.E. Mason Hill Dr., Portland, OR 97222 U.S.A.

DEMMITT CODE BROKEN: WORLD STILL SAFE: PENNANTS MAILED TO WINNER!

It was a case of Kevin Davidson, SC, vs John Demmitt, PA, and the South Carolina flash broke John's code (with the help of a TRS-80 computer and a strong tail wind). When John opened his mail on Aug. 6 he found a picture of a Robot from Venus, photographed from Kevin's computer, and knew that the code had been broken. He's sent the pennants to the winner, offers his congratulations to all who worked on the puzzle, and now gives the solution for those who tried and retained their sanity:

1) Add up all the numbers. They total 961. 2) Find the square root of 961 which is 31. 3) Using graph paper, draw a square measuring 31 blocks on all four sides. 4) Start with red and color the first four blocks on the top line, from left to right. Next, skip the next 23 blocks (or use another color) and color the next 8 blocks red. Continue, line after line, until you have filled in the entire 961 blocks. Having completed the 31 x 31 diagram, you'll see a red creature from Venus on his way to Earth. He is smiling so there's no reason for concern. (Thanks for the diagram, we never could have solved it, John. Sorry we couldn't reproduce it here.)

NEW ENGLAND AREA DXers OUTING SET FOR SEPT. 17-19

Sam Barto has all the details on the 7th Annual NEADX Outing for those able to enjoy this event. Write him at 460 Emmett St. B-19, Bristol, CT 06010 to learn about the Friday evening party, Saturday night banquet, and Sunday outing. And bring something to sell or swap for the benefit of HAP!

U.S. DX ASSN. CHANGES ADDRESS

In the future, all correspondence regarding the USDXA should be addressed to: USDXA, Mr. David P. Snyder, c/o Coin Operated Laundries, Inc., 1137 E. 12th St., Brooklyn, NY 11230 USA.

EE BC LIST NOW AVAILABLE

A bi-monthly computerized list of English language broadcasts, actually a double listing by both GMT and country, is published by Dan Ferguson, P.O. Box 8452, So. Charleston, WV 25303. Issues are usually about 14 pages in length and the yearly subscription runs \$12.00, or see a sample for \$2.00. It's a handy supplement to the coverage in SPEEDX. Be sure to tell Dan than you saw the news here!

NEED OLDER TUBES? KNOW WHERE TO GET 'EM?

The recent ad offering tubes for sale reminded us that there are many folks out there in hobbyland who still do their DX/SWLing on the "oldies but goodies". Ergo, we feel that it would be a good idea to publish the various suppliers who have a good stock of tubes, particularly the older ones. So we ask you to send in the names and addresses of outfits where you know those needing them can buy the older tubes--and mention the cost (if any) for a catalog. One such was sent in by Gene Eastman who suggests: Puett Electronics, P.O. Box 28572, Dallas, TX 75228. They ask a buck for their catalog. Please send your data directly to your friendly Keynotes Editor and he'll take it from there.

'KEYNOTES' EDITOR HAD A BALL IN MONTREAL!

The 'big tin bird' dropped this writer off in Montreal on July 23 and lugged him home on the 25th--completely pooped, but happy, after representing SPEEDX at the ANARC 1982 Convention. Our Club, with 19 members attending, was second only to NASWA with 22 counted. The sessions were top-hole in both presentation and content. Ian Mc Farland, hosting for RCI, was up to his eyeballs in alligators (to coin a cliché) but still did a fabulous job. All meetings, save the banquet, were held at the Maison de Radio-Canada. There's too much to tell in the available space, but here are a few highlights. Annual ANARC Awards: Utilities DXer of the Year - Don Moman; N.A. SW DXer of the Year - Stewart Mac Kenzie; Broadcaster of the Year - Glenn Hauser; and International DXer of the Year - John Campbell of England. At the Business Session, HAP and the San Diego DXers applied for full membership in ANARC, and the Assn. of Clandestine Enthusiasts applied for associate status. Delegates voted to have ANARC 1983 in Washington, D. C. After the Friday and Saturday sessions, SPEEDX QSL Reports Editor entertained the multitudes in his room, plugging his great love, HAP. These "seminars" helped us all renew old friendships, make new ones, and sample Canada's best brews. Not enough room now to tell about our Sunday night gourmet dinner at Montreal's best Chinese restaurant. Sorry 'bout that! The info on the next page is much too important to omit.

\$\$\$ \$

SPEEDX ANNUAL FINANCIAL REPORT

THIS IS A SUMMARY OF THE SPEEDX ACCOUNT FROM THE PERIOD JULY 1, 1981 TO JUNE 30, 1982 INCLUSIVE. A MORE DETAILED FINANCIAL REPORT IS SENT TO EACH BOD MEMBER EACH MONTH. THIS SUMMARY IS JUST TO INFORM MEMBERS AS TO WHERE THE MONIES CAME FROM AND HOW THEY WERE SPENT. MANAGEMENT FEELS WE ARE STILL IN EXCELLENT CONDITION, MONEY-WISE.

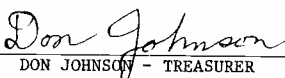
BALANCE ON HAND JULY 1, 1981 \$7,305.55

RECEIPTS	Prepaid Subscriptions	\$6,337.00
	Prepaid Renewals	12,084.67
	Misc. (Supplies/Samples,etc)	1,044.04
	TOTAL" RECEIPTS \$19,465.71	

DISBURSEMENTS	Publish 12 issues	\$11,468.67
	Postage 12 issues	5,841.81
	Mailing labels 12 issues	224.08
	HQS Postage	887.42
	HQS Printing & Supplies	893.73
	Misc.	755.29
TOTAL DISBURSEMENTS \$20,071.00		

BALANCE ON HAND JUNE 30, 1982 \$6,700.26

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


DON JOHNSON - TREASURER

\$\$\$ \$

IMPORTANT NOTICE! HQS/BUSINESS MANAGER SOUGHT

After nearly ten years as HQS/Business Manager/Treasurer/etal I must give up my position, reluctantly, due to personal reasons, not hobby related. Our BOD President was so notified 1½ years ago but, neither of us have been able to locate a replacement so it was decided to ask you, the member-ship, for help.

We are looking for a mature, active supporter for this position. Preferably retired or disabled with a couple of hours a day to devote to the club. Please, no students or folks who are unsure of their QTH. We want a long time commitment. No special talent is required. You must be able to type of course(not fast)and be willing to answer all mail directed to the club promptly. You can read your SPEEDX Constitution to see the duties required. Note that Business Manager, Treasurer and Secretary are a combined position.

Anyone considered must be approved by a majority of the BOD. If you would like more information as to the duties involved before applying to John Trautschold(P.O.Box 861, Menomonee Falls, WI 53051)for the job, drop a line to me(Don Johnson, P.O.Box E, Elsinore, CA 92330)and I will try to fill you in. Remember, we are looking for someone with the time and devotion to SPEEDX, with a permanent address. Willing to work with the BOD/Managing Editor and all,for the betterment of the club.

KNOW ANY STATES WHERE PRISONERS ARE ALLOWED SW RECEIVERS? If so, drop a line to John "Kap" Kapinos, QSL Editor. And why not! 73, 46, 2 -

PROGRAM

SEPTEMBER 1982

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

PANORAMA

CONTEST...We had a large number of contributors to the column this month, but none of the contributions qualified for the contest. SPEEDXer Chris Stark of NB, one of this month's contributors, was selected as the recipient of the prize in an alternate selection process...There will be a new contest beginning this month. In order to enter, you should send a complete English program schedule of one of the following shortwave radio stations to Program Panorama by no later than October 15, 1982: Radio Prague, Trans World Radio--Monaco only, Radio Luxembourg, Radio Portugal, Spanish Foreign Radio, Radio Vilnius or All India Radio. The names of all SPEEDXers who send in a qualifying entry by the deadline will be placed in a hat and two names will be drawn out. The first name drawn will receive the three BBC posters mentioned in the July Program Panorama. The second name drawn will receive a 1983 BBC Greenwich Observatory calendar. Please note that time and frequency schedules will not be considered in the contest--the schedules submitted must be for English programs which can be heard on the station(s). Participants who send in a schedule for more than one of the stations will have a slip of paper with their name put in the hat for each qualifying schedule. Some of the stations may have to be monitored in order to obtain a program schedule, so get started now! These posters will make a nice addition to your shack.

BRAZIL...Radio Bras broadcasts in English to Europe daily at 1815 GMT on 15725 and 17805 and to North America daily at 0200 GMT on 15290 and 17830 kHz. On Sundays they have a SUNDAY SPECIAL program in which selected Brazilian music and information are presented on alternating weeks. Upcoming topics for this program are: September 5--The March to the West of Brazil; 12--Great Musical Meetings; 19--The Brazilian Economy Today; 26 Pixinguinha; October 3--Telecommunications in Brazil; 10--Everything Began With Them...(Donga/Joao da Baiana/Sinho); 17--Tourism in Brazil; 24--In a Choro Session; 31--Sao Paulo, The Richest State of the Federation; November 7--The Hinterlands, The Villa and Viola Players; 14--Brazilian Alternative Sources of Energy; 21--The Nameless Immortals(The Old Guard of Brazilian Popular Music); 28--The Redemocratization of Brazil and The Elections of November; December 5--Phonographic Releases; 12--Internal Migrations in Brazil; 19--These Incredible Musicians and Their Magnificent Instruments; 26--Outlook '83. (Thanks to Rick Zolla, CA)

CUBA...Radio Havana broadcasts in English daily to Europe 2010-2140 GMT, to the Americas from 0100-0600 GMT and to the West Coast of North America 0630-0800 GMT. The programs are broadcast in the following order: TODAY IN HISTORY is heard daily, followed by a NEWSCAST on every day but Sun. On Mon thru Fri COMMENTARY ON INTERNATIONAL AFFAIRS and SPOTLIGHT ON LATIN AMERICA follow. On Sat SPOTLIGHT immediately follows the NEWSCAST. The Mon thru Sat lineup then continues with TODAY IN SPORTS and FROM THE LAND OF MUSIC. Three feature programs follow--Mon PANORAMA, LATIN AMERICAN SONGS, EYEWITNESS AFRICA; Tue CUBA AND THE WORLD, MUSICAL QSL, THE CUBAN STORY; Wed CUBAN PROFILE, LATIN AMERICAN SONGS, SOCIALISM: THE NEW WORLD; Thu POST OFFICE BOX 7026, MUSICAL QSL, MARXIST REVIEW; Fri CUBA AND THE WORLD, LATIN AMERICAN SONGS, SOCIALISM: THE NEW WORLD; Sat CUBAN CULTURE, MUSICAL QSL, NEWSLINE HAVANA. The Sun lineup is: TODAY IN HISTORY, CUBAN PROFILE, THE CUBAN STORY, FROM THE LAND OF MUSIC, P.O. BOX 7026, LATIN AMERICAN SONGS, THE WORLD OF STAMPS. The programs run in a continuous cycle during the long Americas transmission, and exact times are difficult to determine. (Thanks to Chris Stark, NB and Lyle M. Taylor, AZ for sending this schedule.)

Don't forget to enter the Program Panorama Contest! More to Come...

ECUADOR...HCJB broadcasts an alternative program to North America in English parallel to the regular broadcast nightly. The hour-long transmission is @ 0030 GMT on 15180 kHz. On Sun you can hear 0030 ENCOUNTER WITH TRUTH, 0045 HCJB MUSIC MAKERS, and 0100 STRAIGHT TALK FROM DAVID JEREMIAH; Mon thru Fri has at 0030 THRU THE BIBLE and at 0100 BACK TO THE BIBLE; Sat's lineup features 0030 WORDS OF HOPE and 0100 TELLING THE TRUTH. (Don McCants, AL)



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 POST-BAG CORNER; Sat VARIETIES PROGRAM; Sun THE ECONOMIC PROGRAM. Additionally, Arab music and songs can be heard during the transmissions. (Daniel J. Sampson, WI)

MALAYSIA...The Voice of Malaysia broadcasts in English daily 0555-0825 GMT on 15295, 9750 and 6175 kHz. SUMMARY OF PROGRAMS AND NEWS at 0600 begin each day's transmission. Then between 0610 and 0700 you can hear Mon MALAYSIAN MUSIC, MUSIC SHOP; Tue IT'S ALL YOURS(request); Wed DISC-ORAMA, CURRENT AFFAIRS, MUSIC FROM THE MOVIES; Thu MALAYSIANS SPEAK, POP SONGS FROM MALAYSIA & INDONESIA; Fri VISITORS BOOK, VARIETY FARE; Sat MALAYSIAN DIARY, SPORTS ROUNDUP, POP SCENE; Sun MALAYSIAN HIT PARADE, LIVE PERFORMANCE, WINDOW ON MALAYSIA. At 0700, EXTRACTS FROM THE EDITORIALS can be heard Mon thru Fri, followed by (to 0800): Mon RYM ORCHESTRA, GUITAR MUSIC; Tue MALAYSIAN FOLK MELODIES, BIG BAND SELECTIONS; Wed GUEST STAR, MALAYSIANS ENTERTAIN; Thu OLD FAVOURITES (request), WINDOW ON MALAYSIA; Fri MALAYSIA IN PROGRESS, VOCAL GROUPS, TALK ON ISLAM; on Sat the 0700-0800 block features MALAYSIAN THEATER and THE UNFORGETTABLE, while on Sun you can hear THE CLASSICS during that period. At 0800, you can hear the NEWS daily, followed by NEWS COMMENTARY and EXTRACTS FROM THE EDITORIALS Mon thru Fri at 0810; on Sat you can hear BEST SELLERS, while Sun offers DOWN YOUR WAY in the 0810-0825 GMT slot. Close Down is at 0825. (Bob Wilczek, IL)

NETHERLANDS ANTILLES...Trans World Radio on Bonaire has a morning English broadcast at 1119 GMT on 11815 kHz. The transmission extends to 1240 Mon thru Fri, 1315 Sat, 1330 Sun. Programs include Sun 1115 SUNDAY MORNING on TWR 1130 NEWS 1135 HOUR OF DECISION 1200 RADIO BIBLE CLASS 1230 SUNDAY SOUNDS 1300 BACK TO GOD HOUR 1330 NEWS/MINUTE MESSAGE/SIGN OFF; Mon thru Fri have MORNING SOUNDS @ 1115, NEWS @ 1130, MORNING SOUNDS @ 1137 and NEWS HEADLINES @ 1200, followed by Mon LIVING WORD & WOMAN TO WOMAN Tue BRINGING CHRIST TO THE NATIONS Wed EXPLORING YOUR MIND & GLAD TIDINGS Thu RADIO TODAY Fri CHAPEL OF THE AIR & GOSPEL CALL; from 1230-1240 you can hear NEWS, WAY TO LIFE, MINUTE MESSAGE & SIGNOFF; the Sat lineup is 1115 MORNING SOUNDS 1130 NEWS 1135 SOUNDS OF THE TIME 1145 UNSHACKLED 1215 YOUNG CANADA BIBLE HOUR 1230 CHILDREN'S BIBLE HOUR 1300 A VISIT WITH MRS. G 1315 NEWS/MINUTE MESSAGE/SIGN OFF. (Donald McCants, AL; George Moshier, CA; Lee Kanon, NY)

TAHITI...FR3 broadcasts daily from 1600-0730(Sat 0900)GMT on 740, 6135, 11825, 15170 kHz. French can be heard from 1600-2045, followed by Tahitian to 2200, French from 2200 to 0300, Tahitian from 0300 to 0600, French from 0600 to sign off. Programming consists of NEWS, WEATHER, MUSIC, VARIETY, ANNOUNCEMENTS. RELIGIOUS PROGRAMS can be heard Sun at 0315, 0400 and 2030 GMT, Mon 0315 and 0400 GMT. There is presently no English programming from the station. (Charles Connell, CA)

UNITED KINGDOM...A JOLLY GOOD SHOW will go on location this month! Host Dave Lee Travis will tape a program live in Covent Garden(a shopping piazza near Bush House) on September 10. The show will be broadcast on the 14th @ 1345, 15th @ 0030, 16th @ 2030 GMT over BBC World Service. (Cover Story of the September 1982 issue of London Calling)

USA...WYFR broadcasts to The Americas daily from 0000-0400 GMT on 9775 kHz. Program on Sat and Sun are: 0000 ECHOES 0105 OPEN FORUM(Sat) UNSHACKLED(Sun) 0135 MAILBAG 0155 NEWS(Sat) 0205 FAMILY BIBLE READING 0235 S,S & S 0255 NEWS 0300 ECHOES. (Lyle M. Taylor, AZ) 73, Weekly 8/19



HAP-USA
ROUTE 4 - BOX 32
ROLLA, MO
65401

HAP-PENINGS

VOLUME X

NUMBER 3

SEPTEMBER 1982

NEW MEMBERS! Although it hasn't been done in this column before, I think it should be. That is, a listing of new HAPIES. So, for this quarter, we'll pick up the new members of HAP-USA since last April. In the future, we'll try to keep up to date.

Lyle M. Taylor	HAP-283	Willcox, Arizona	April 26, 1982
David Bruce Legg	HAP-284	Highland, Indiana	April 26, 1982
E. Wayne LeRoy	HAP-285	Montrose, Colorado	May 2, 1982
Michael P. Hall	HAP-286	Cudahy, Wisconsin	May 2, 1982
James E. Cooper	HAP-287	Worcester, Massachusetts	May 2, 1982

The five above have been in shortwave listening for some time.

Chuck F. Diebold	HAP-288	Allentown, Pennsylvania	June 5, 1982
Omar J. Simard	HAP-289	Hartford, Connecticut	June 5, 1982

Chuck Diebold is a Radio Amateur, KA4JZM. Omar Simard is WDX105.

William A. Miller	HAP-290	Sacramento, California	June 22, 1982
Carol Ann Kozak	HAP-291	Wilkes-Barre, Pennsylvania	July 12, 1982
Wilbur Woodruff	HAP-292	Alexandria, Virginia	July 27, 1982
Gabriel Grijalva	HAP-293	Phoenix, Arizona	August 4, 1982
Don C. Johnson	HAP-294	Tecumseh, Michigan	August 4, 1982
Russell Gundlach	HAP-295	Westfield, New York	August 8, 1982

Russell Gundlach is also Amateur Radio K2HKS. Wilbur Woodruff would like to contact and help any HAPIES that might be living in his area, as he can get around with no trouble. Contact him through HAP-USA headquarters if you wish.

ANARC CONVENTION '82: John "KAP" Kapinos was HAP-USA representative at the ANARC '82 Convention and sent along a preliminary report on the HAP activities there. The auction cleared enough such that the 50% for HAP-USA came to about \$1080! Also, arrangements have been confirmed so that the HAP-USA Library can supply service to the Canadian Handicapped Aid Program. This has been wanted by HAP-USA for some time.

The HAP-USA Gene Moser Memorial Award was presented to J. Roland Desrosiers, for his service as Director of HAP-USA during a very chaotic period from January to March, 1981. The Board of Directors of HAP-USA decided two were deserving of the HAP Volunteer of the Year Award. One goes to Robert Wirrell of Brockton, MA, former Membership Chairman of HAP-USA. The other goes to Thomas D. Haskett of Gary, IN, a member of Sam Barto's Fund Raising staff. Both are deserving of the award!

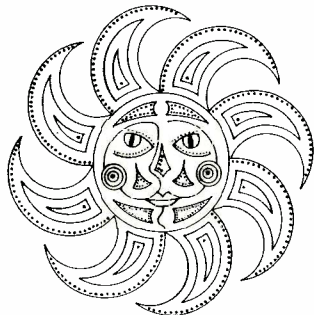
HAP-USA also submitted its formal application for Full Member status in the Association of North American Radio Clubs (ANARC).

HAP AUSTRALIA: Received the April edition of the HAP-Australia Newsletter. I find that their bulletin, printed full size on 21 X 30 mm [about 8 1/4 x 11 1/2 inches] pages is full of interesting info on what goes on "down under" in radio; SWL, CB, Amateur, etc. Robin Harwood, et al, do a good job. You can subscribe by writing to HAP Australia, 5 Helen Street, Launceston, Tasmania 7250, AUSTRALIA. Subscription is by donation, so be generous considering the costs of printing and mailing 1/2-way around the world! For air mail contact Robin Harwood at the address given for what it will cost.

Acknowledgements: We wish to acknowledge the donation of a Hallicrafters receiver Model CR-3000 by Wilbur Woodruff, HAP-292. After a little minor service it will be ready to loan out. This donation is appreciated.

HAP-USA wishes to also express appreciation to Robert B. Grove, President of Grove Enterprises, for the donation of his latest publication, Shortwave Frequency Directory, Worldwide Edition, to the HAP-USA Library. This 220-page, magazine-size, book is loaded with information, especially aimed at the Utility Station listener. Also, back before my time, Bob Grove donated his cassette, "Sounds of Shortwave" and a copy of his "Federal Frequency Directory" to the Library. So, although late, I want to acknowledge these things and bring us up to date! Thanks!

I got lots more stuff but no more room. So, we'll have to postpone the "words of wisdom" until a later date. 73 and cheerio from HAP-USA and Al Schwaneke. BCNU.



SPEEDX Western Hemisphere

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Bronx, NY 10468

PHONE: (212) 549-6613 2230-0330 weekdays
all day Sat./Sun.

Deadline: 12th

All times and dates UTC. All fqys in kHz

/ SEPTEMBER, 1982 /

Well, here we go again. There has been much favorable reaction to my little article on list-logging. I hope that it has touched a few hearts and minds.

MY POLICY ON CUTTING LOGGINGS -- Just to clear up this subject once and for all, I cut loggings for one of the following reasons: (1) Lack of space; (2) Incompleteness/incorrectness of a logging; (3) More than one logging per frequency/station per reporter; (4) Late loggings or stale loggings. So, make sure that your loggings are complete, comprehensive, and submitted on time.

COMPUTER -- My employer is giving me a computer terminal and modem for my home. So, I will have the resources of our Prime computer at my command all day and night, at work as well as home. Once I learn programming, we might see some benefits here in W/H.

THE DOLDRUMS WE EXPERIENCED LAST MONTH seem to have abated -- there are quite a few loggings this month, so I guess I'll get to them. So, remembering that any logging without a language designation was heard in Spanish (Portuguese if the logging is from Brazil), I present...

/ SOUTH AMERICA /

ARGENTINA

- 6060 1018 R. Nacional, variety of light AM programming, a little noisy (333; 7/12. Schlesinger, TX)
6090 0052 R. Belgrano, OM t/k of nx, full ID @2200 local time, 0100 GMT. QRM RLuxembourg + UNID OC/tone (322; 7/18. Wilczek, IL)
9690 0619 RAE, wx, slow guitar mx, ID as "R. Nacional," + laid-back t/k, ments of Argentina (433; 7/8. Ulmer, LA)(0230; //6060 (211) & 11710 (311); 444; 9/4. Speer, CA)(0235; Malvinas Program, Thursday (PST) is DXers Day, EE to 0300; 433; 7/15. Lucas, CA)(0100; DX px @0113; 333; 7/23. Grijalva, AZ)(0433; 7/13. Kerrigan, IL)(0430; 440; 7/20. Hahn, CA -- What is an SIO of "440", por favor? ch)
11710 0415 RAE, t/k by OM, clear ID, vary weak for 50 kW; (222; 7/14. Annis, IN)(0100; OM who sounds like he was educated in England; 422; 7/25. Pfeffer, NY)
11755 0135 R. El Mundo, classical, opera mx, t/k, ID as "R. El Mundo transmite desde Buenos Aires," by YL @0203; (333; 8/3. Stephany, NY)(0630; 444; 7/8. Ross, ON)

BOLIVIA

- 3479 0135 R. Padilla, YL t/k, anmts, local nx, RTTY QRM (222; 7/26. Cereghin, MD)
4697c 0335 R. Riberalta, plenty of ballads and compo mx to 0406 OM t/k, poss. ID, tons of static made reception terrible (poor; 7/23. Wilczek, IL)
4729 1001 R. Abaroa, clear R. Abaroa ID @1001, Bolivian mx, t/k, (232; 7/15. Wilczek, IL)(I thought this hadn't moved here until the 29th? ch)(0108; 232; 7/15. Cereghin, MD)(0114; QRN; fr; 7/19. Parks, FL)
4729 0128 R. Mamoré, usual tropical mx w/ "Radiodifusión Mamoré" reverb ID @0131 by OM. K0D by SSB A/C ute shortly thereafter (pr; 7/9. Parks, FL)
4797 0055 R. Nueva América, OM w/ soccer report, ID @0100, disco and rock mx hosted by OM, splatter from Lara; (fr; 7/4. Parks, FL)
4945 1058 R. Illimani, Vernacular/SS, to 1100, folklorica mx, "Las Noticias del Bolivia y el Mundo," 1101 YL ID (343; 8/4. Tanaka, JAPAN)
6025 1015 R. Illimani, s/on @1015 w/ ID as "R. Illimani, LV de Bolivia," into mx/t/k in local language (333; 7/25. Sharp, FL)
6105 1028 R. Panamericana, folklorica mx, px "Bolivia en Antena," ads, 1053 OM ID (333; 7/19. Tanaka, JAPAN)(1046; 1054 ID: "La Paz, Bolivia, América del Sur, Panamericana, 6105 kHz banda internacional de 49 m, onda corta; 580 kHz onda media; y 97 MHz FM estéreo," 444; 7/31. Wilkins, CO)(1025; 222; 7/20. Hotaling, NV)

BRAZIL TO BEGIN ON NEXT PAGE. MY COMPUTER WILL BE "UP" TOMORROW.

BRAZIL

- 2380t 0128 R. Educadora de Limeira, OM/YL w/ t/k, ads w/ children singing, several ments of Limeira but no formal ID noted. Some QSB (pr; 7/17. Parks, FL)
- 2490 0052 R. Educ. Rural, regular PP/Brazilian ballads. OM IDs and same OM w/ spoken ads (232; 7/15. Cereghin, MD)(0135; fr; 7/17. Parks, FL) Schlesinger, TX)
- 3205 0110 R. Ribeirão Preto, OM doing soccer game; not too bad this evening (242; 7/16.
- 3245 0040 R. Clube Varginha, soft-voiced OM DJ playing EZL Brazilian pops, tentative R. Clube IDs @0045, 0100, T-storm crackle (fr/pr; 7/17. Parks, FL)
- 3275t 0000 Bauru Radio Clube, soccer game w/ excited ancrs, ad breaks (Was there an ID? ch);(232; 7/4. Dampier, NY)
- 3295 0000 R. Tapuio, Brazilian mx w/ OM ID, talking like Tom Meijer on "Happy Station" under R. Iguatemi (332; 7/6. Dampier, NY)
- 3295 2357 R. Iguatemi, Brazilian C+W, ad string, ID @0000 as "Iguatemi --- Osasco" w/ mx fanfare; still going strong @0300 (gd; 7/17. Parks, FL)
- 3335 0130 R. Alvorada, the 3335 R. Emisora Educ. Rural Natal logging reported last month in W/H must have been R. Alvorada, Londrina. I tuned in @0130 and heard many PP IDs and call on hour as "ZYG-641, R. Alvorada." OM ancr, w/ many ments. of Londrina and Brazil, and some really great Brazilian pops this PM, decent sig. but some utility QRM on the high side (7/25. George, FL)(0210; 322; 7/13. Wilczek, IL)(0101; 232; 7/15. Cereghin, MD)
- 4755 0300 R. Nacional Cruzeiro do Sul, instrumental mx, ID, not hetted for a change (444; 7/15, Novello, NY)(Jay, I enjoyed talking with you a few weeks ago -- welcome back to W/H! ch)
- 4895 0157 R. Baré, OM w/ full ID @0200 and then 0203* w/o NA (fr; 7/9. Parks, FL)
- 4915 0100 R. Anhanguera, mx, ID @0103, "Aqui Anhanguera" repeated twice, then no modulation (343; 7/29. Huffaker, MEXICO)(0148; 342; 7/13. Schlesinger, TX)
- 4965 0813 R. Potí, Brazilian pops, OM ancr, ads, finally 0842 ID: "R. Potí, Natal," jingle, foll'd by ID (fr/pr; 7/27. Wilczek, IL)
- 4975 0800 R. Timbira, FAX station was transmitting data, when FAX went off air heard Brazilian mx (ID??? ch)(334; 7/18. Dampier, NY)(0820; fair on mx, poor on t/k, ID, better @0843; 7/29. Wilczek, IL)
- 5026 0240 R. Jornal da Transamazônica, OM DJ chatter and ads, interrupted by occasional Brazilian ballads, ID W0245, het from Peruvian; (fr; 7/6. Parks, FL)
- 5045 0300* R. Cultura do Pará, much Brazilian mx, singing, occasional anmts, carrier gone @0301 (353; 7/25. D'Angelo, PA)(0115; 434; 7/24. Novello, NY)
- 5955 0908 R. Gazeta, program of musica and noticias, hosted by YL/OM. Plenty of TCs, full ID @0923; (333; 6/9; Wilczek, IL -- This logging's so old it has whiskers -- come on, throw out those elderly loggings -- don't send them in!!!! ch)
- 6000 0724 R. Inconfidência, ballads, OM ID & fqy @0731, more mx, TC, best signal ever from this one (444; 7/12. Wilczek, IL)
- 6045 0821 R. Clube Paranaense, OM talking w/ an echo, and doing a lot of it. He allowed himself to be interrupted occasionally with local mx. Good ID @0832 (343; 7/7. Schlesinger, TX)
- 6175 0831 R. Guarani, regional pops, (heavy accordeon); lots of QRN (343; 7/19. Schlesinger, TX)
- 9595 2340 R. Cultura do Bahia, Brazilian Top 40, weird conditions, but great entertainment, ID @2358; strong (444; 7/13. Novello, NY)
- 9675 0159 R. Marumby, full ID, religious px, stingy with IDs, severe auroral night, w/ ancr sounding like WYFR's. s/off not 0200 as WRTH (444; 7/15. Novello, NY) (1028; 232; 7/29. Cereghin, MD)(0114; ID; 322; 7/16. Ulmer, LA)
- 9680 0036 R. Nacional da Amazonia, nx, 2 OMs swapping (? ch); same px on 11780 but 15445 not there. Excellent opening to S.Am. tonight (444; 8/4. Palmer, WA)
- 9695 1150 R. Rio Mar, pop mx, frequent IDs, Pepsi ads, best reception ever for this station despite late hour (gd; 7/24. Parks, FL)
- 9705 2305 R. Nacional, "futbol" game, w/ everyday run-of-the-mill hyper ancr; (232; 7/3. Dampier, NY)
- 11780 2355 R. Brás, conversation between YL/OM; then Brazilian mx, some w/ singer Roberto Carlos (444; 7/24. Grosvenor, CA)(1805; 333; 8/2. Beiter, PA)
- 11805 0834 R. Globo, regional nx, mx, ads, ID as "Radio Globo," (232; 7/1. Dampier, NY)
- 11925 2230 R. Bandeirantes, soccer game w/ guess what? Right -- hyper ancr (323; 7/6. Dampier, NY)(0023; fr; 7/14. Ulmer, LA)
- 15290 0217 R. Nacional, EE, mx, OM w/ ID (555; 7/9. Zolla, CA)
- 15445 0008 R. Nacional da Amazonia, "Atenção amigos... (to disco mx)" t/k w. frequencies, mentions of "Nacional," (444; 7/25. Ulmer, LA)(0017; 444; 7/12. Kobylski, MD) (0215; 544; 7/11. Miller, CA)
- 17830 0200 R. Bras, EE, anmts, mx, station IDs, "Sunday Special," (544; 7/25. Harrell, IL)(0200; 555; 7/1. Dampier, NY)

CHILE

- 6135 1100 R. Universidad de Concepción, s/on w/ IS, college hymn, into local mx. Fading much, QRMed by H.CJB 6130 (222; 7/19. Schlesinger, TX)(1100; poor; 7/20. Parks, FL)

NOT ENOUGH ROOM HERE -- I GOT MY TERMINAL TONIGHT AND IT WORKS FINE.

CHILE / -- (CONTINUED)

- 6150 0315 R. Nacional, ID, pop mx (444; 8/4. Speer, CA)(1103; mentioned Chile and Santiago; TC; 333; 7/13. Hotaling, NV)(0200; 433; 7/31. Ulmer, LA)(1110; 454; 7/13. Miller, CA)(0505; s/off (When exactly was the sign-off? You give no time. ch); 323; 7/10. Annis, IN)(0440; 433; 8/7. Boone, TX)
- 9550 2245 R. Nacional, mostly 60's and 70's U.S. pops w/ occasional DJ chatter, ID, (fair; 7/25. Parks, FL)(ID as LV de Chile? ch)
- 9750 1105 R. Minería, ID, jingle ad for Santiago bank, then into "Noticias Minería," QRM from co-channel unID; (pr/fr; 7/17. Parks, FL)
- 15150 1620 R. Nacional, ID by YL, into series of ads, come co-channel QRM (434; 7/24. Schlesinger, TX)(1505; 343; 7/19. Ulmer, LA)(0003; 434; 7/12. VanHorn, TX)(2215; TC/temperature @2230; 444; 7/23. Drollinger, WI)(0217; 434; 7/21. Sharp, FL)

COLOMBIA /

- 4845 1019 R. Bucaramanga, series of NAM-style ballads, some sung in EE, (332; 7/20./
- 4875 0515 R. Super de Medellín, combination ID and TC (443; 7/17. Ulmer, LA)(0745; 322; 7/5. Dampier, NY)(0725; ID: "LV Internacional, R. Super de Medellín," 332; 8/8. Boone, TX) Cereghin, MD)
- 4925 0402 Em. Meridiano 70, LAM slow ballads and instrumentals, ID @0401 (222; 7/20./
- 4945 0625 R. Colosal, mx, "Colombiana," only IDs were for CARACOL (434; 7/17. Ulmer, LA)(0710; no "Colosal" ID as such but many CARACOL IDs/promos; 322; 8/8. Boone, TX)
- 4965 0650 R. Santa Fé, Colombian vocals, ID @0700 "R. Santa Fé en Bogotá," (432; 8/8. Boone, TX)(0339; TC/ID; 422; 7/28. Ulmer, LA)
- 4975 1103 Ondas del Orteguzaza, campesino mx hosted by OM, lots of ads for Florencia and Bogotá businesses. ID @1115; KOD by FAX @1122; (gd; 7/28. Parks, FL)
- 5075 0135 R. Sutatenza, bank ad, nx, ID, TC (433; 7/31. Ulmer, LA)
- 5095 0350 R. Sutatenza, end of SS vocal, t1k by OM, s/off anmt, NA, s/off 0401; (455; 7/21. Sharp, FL)(No QRM from CW in Canada??? ch)(0230; 434; 7/14. Berri, CA)
- 6036t 1145 R. Transamazonica, OM w/ nx about Colombia, tentative ID @0150 and campesino mx, rapid QSB toward 1200 (fr/pr; 7/31. Parks, FL)
- 6115 0612 LV del Llano, nonstop LAM mx, no ID (444; 7/6. Ulmer, LA)(1000; electronic mx w/ ID: "En dire, LV del Llano, desde le nos has a der (sic) Villavicencio, HJKS 1210 kiloHertz onda larga, 6115 kilociclos onda corta en la banda internacional de 49 metros," net ID; 454; 8/5. Stephany, NY)(0500; 433; 8/8. Boone, TX)(0910; 434; 8/9. Sable, NY)(I had a nice talk w/ Tom last night; he lives a hop-skip-and-a-jump away from me, so you might see his byline in case I have to skip town quickly some month, hi! ch)
- 11792 1357 Radiodifusión Nacional de Colombia, bells, ID by OM/YL, mx, t1k on political structure in Colombia (453; 7/23. Morgan, NC)
- 15333 0314 Radiodifusión Nacional de Colombia, piano mx, t1k by OM, classical mx; (444; 7/17. Ulmer, LA)

ECUADOR /

- 3240 0342 R. Antena Libre, OM discussing international events, very noisy, but no QRM (And no ID either, I guess? ch)(342; 7/6. Schlesinger, TX)
- 3252 1036 LV del Triunfo, ID as "R. LV del Triunfo," (343; 7/15. Jones, MS)(3251; 332; 7/13. Schlesinger, TX)
- 4656 0947 C.R.E., mx, OM t1k, TC each min (3 mins. fast), frequent IDs, "Banco de Noticias Informativa Avión - C.R.E." (333; 7/12. Wilczek, IL)(0520; 433; 7/18. Ulmer, LA)(0300; 242; 7/16. Andrew, LA)(0400; 0408*; 222; 7/12. Berri, CA)
- 4680 0425 R. Nacional Espejo, OM ID, mx (454; 7/20. Andrew, LA)(0505; 343; 7/31. Kobylski, MD)(0333; 422; 7/18. Ulmer, LA)
- 4800t 0135* R. Popular (time could be 0735 -- I can't tell. ch); extra long instrumentals, LAM influence, spaghetti western variety; (222; 8/8. Boone, TX)
- 4820 0953 R. Paz y Bien, SS/Vernaculars, px "Amanecer Andino," mx, 0959 ID by OM (343; 7/31. Tanaka, JAPAN)
- 4851 1013 R. Luz y Vida, several IDs during talk by OM/YL (343; 7/15. Jones, MS)(0330; 322; 7/26. Boone, TX)
- 4910 0440 Em. Gran Colombia, mx, frequent TCs/IDs (very weak signal amid the hets and QRN), on 0515+; (232; 7/16. Huffaker, MEXICO)
- 4920 0117 R. Quito, harp mx, usual ID; (422; 7/17. Ulmer, LA)
- 5025.8 0359* R. Splendit (T); 8/8 nondescript LAM pops, thought I heard Splendit between selections. Blasted by Uganda *0300 on 5027. 8/9 heard 0359* giving an "ID", which was broken up, but mentioned Cuenca and Ecuador (232; 7/31. Leonard, ME)
- 6095 0555 HCJB, EE, report about the traveler who records the chants and music in efforts to document and preserve them (444; 7/31. Leonard, ME)
- 9745 0945 HCJB, EE, Bible talks, mx mixed with moderate QRM (433; 7/4. Duguay, MA)(0230; 343; 7/19. Beizer, PA)(0240; 555; 8/3. Stephany, NY)(0230; 545; 7/24. Surprenant, MA)(0631; 433; 7/27. Leonard, ME)(0445; 544; 7/31. Casavant, PQ)
- 15115 1500 HCJB, EE, religious px w/ sermon, ID, "Morning Song" show (444; 7/17. VanHorn, TX)

WILL CONTINUE ON NEXT PAGE WITH ECUADOR.

ECUADOR -- (CONTINUED)

- 15155 0100 HCJB, EE, Passport, (first half), nx, more Passport, frequent IDs (gd; 7/1. Koehler, IL)(0230; 444; 7/11. Messineo, MA)(0230; 434; 7/20. Greenbauer, AZ)(0230; 544; 7/6. Krist, VA)(0230; 555; 7/5. Harrell, IL)
- 15175 0100 HCJB, EE, Back to the Bible, (444; 7/9. Taylor, MO)(?? ch)
- 15180 0130 HCJB, "Alpha y Omega" px (554; 7/22. Ulmer, LA)
- 17890 0100 HCJB, EE, Passport, tour of Quito and a 19th century heroine (454; 7/7. Fraser, MA)(0150; 555; 7/6. Addison, KS)(0130; 544; 7/4. Duguay, MA)
- 21477 2130 HCJB, EE, DXPL, tlk on propagation (433; 7/24. Messineo, MA)(2130; 454; 7/3. Hesch, NY)(2136; 454; 7/19. Chituck, ITALY)

FRENCH GUIANA -- FR3

- 3385.1 0102 s/off amnt in FF, LaMarseillaise, RTTY QRM (fair; 7/24. Foxworth, NY)(*0900, electric guitar IS, NA, ID by YL, 3-minute nx headlines, into mx; 454; 8/4. Stephany, NY)(0101; good Latin night with unusual PM reception; 333; 7/15. Cereghin, MD)

GUYANA -- GBC

- 5950 0830 EE, sounds like a typical MW or RLuxembourg bc w/ pop mx, ads, ID as Action Radio (332; 7/22. Dampier, NY)(0814; birthday greetings and obits; 555; 7/31. Stephany, NY)(0834; 333; 7/25. Sharp, FL)

PARAGUAY -- R. Nacional de Paraguay

- 11915 0036 march mx, mentions of Nacional, Asunción, ID on hour: "R. Nacional, Asunción, capital de la República del Paraguay," classical mx px @0103 (444; 7/21. Ross, ON)(0228; complete ID w/ calls, good signal, better than whatever is on 11915; 433; 7/28. Jones, MS)(2345; "Programa Musica de Paraguay," 444; 7/12. Stone, ON)(1155; 433; 7/14. Hosmer, MI)(1100; 433; 7/21. Sharp, FL)(2355; ID @0000; 433; 7/13. VanHorn, TX)(0039; 422; 7/14. Ulmer, LA)(1030; assaulted by a jammer and Radio Peking; 312; 7/6. Schlesinger, TX)

PERU

- 3240 0259 R. America, nx, soccer report, ID @0306 as "R. América" w/ electronic sound effects (fr; 7/7. Parks, FL)
- 3320*1133 R. Estrella del Sur, OM tlk, many ments of "Cañete" but no positive ID hrd; faded into local sunrise w/ non-stop huaynos (fr; 7/25. George, FL)
- 3800 0250 R. Esmeralda, LAm ballads, huaynos, hosted by YL, then noticias or mensajes w/ mentions Esmeraldas @0255, co-channel RTTY QRM (pr; 7/8. Parks, FL)
- 4300* 0230 R. Moderna, mx w/ noticias in rapid SS, mention of Celendin, LAm ballads @ 0240, ID KOed by QRM but reported elsewhere; (pr; 7/16. Parks, FL)
- 4815 0545 R. Samaren, lively tropical mx, frequent TCs, IDs as "Amazonas"(?)(ch); (343; 7/8. Huffaker, MEXICO)
- 4826 0214 LV de la Selva, OM/YL w/ noticias, ID @0216 by OM, splatter from RTTY; (fr 7/8. Parks, FL)
- 4936 0524 R. Tropical, mx w/ Peruvian tint, ID "R. Tropical de Tarapoto," s/off @0531 w/ mx "Mañana," long spiel, and NA, all on a very poor tape (343; 7/28. Huffaker, MEXICO)
- 4950* 0210 R. Madre de Dios, slower LAm songs, including "Amor, Amor, Amor"/MEXICO) 0223 OM ancr "Nos laboramos en bandas y potencias 4950 onda corta, ...onda media, R. ... de Dios ...en depto. ... en Perú." Not exactly a bonafide ID, so tent. 0227*, not heard since (222; 7/15. Wilczek, IL)
- 4955 1103 R. Cultura Amauta, anthem, s/on amnt by OM: "OAX55, transmite R. Cultura Amauta, 4955 kc en la banda fr 60 m. desde la ciudad de Huanta...depto. de Ayacucho en Rep. de Perú.", faded out @1112 (222; 7/31. Wilkins, GA)
- 4975 0304 R. del Pacifico, RTTY ute on fqy breaks or goes to carrier only 0303-0320, frequently allowing window for IDs and px change from "Discoteca, S.A." px and "Banco Atlántico" px, both classical mx. ID "R. del Pacifico y R. del Pacifico FM" (333; 7/16. Huffaker, MEXICO)
- 4996 1100 R. Andina, nx, mx, OM ancr, good, but WWV QRM (333; 7/31. Wilkins, CO)
- 5112 1048 R. Eco, LAm pops, 1102 OM ID (333; 7/18. Tanaka, JAPAN)(1010; typical mx, QRN; 332; 7/12. Schlesinger, TX)(0430; 333; 7/7. Ross, ON)(0110; nx @0100; 333; 7/15. Cereghin, MD)(0203; ID: "R. Eco, la radio completa," also "R. Musical." It seems that every time I tune them, they ID differently (343; 7/16. Huffaker, MEXICO)(0230; ID as "R. Eco" and "R. Cocotla"; 233; 7/24. Sharp, FL)(0135; many "R. Completa" slogans, 322; 8/3. Boone, TX)(0450; 0456*; 444; 7/20. Berri, CA)
- 6021 1058 R. Victoria, ID, theme mx, then NA (although not s/on); always a het, jammer, or both on this fqy at this time (322; 7/30. Jones, MS)
- 6115 1035 R. Unión, px "Tierra Fecunda" w/ folklorica, ads (343; 7/16. Tanaka, JAPAN)
- 6176 1048 R. Tawantinsuyo, Peruvian mx, OM, tlk px, ads, 1101 YL ID "Esta es R. Tawantinsuyo, su primera (sintonia?)" (322; 7/31. Tanaka, JAPAN)
- 6189 1104 R. Occidente, ID, several ads, Peruvian mx, seems to be 1 kHz below nominal 6190. Very bad het (322; 8/9. Jones, MS)
- 6296 0115 R. Chota, long talks by OM w/ occasional ballads, Andean mx, ID @0128 (fr; 7/26. Parks, FL)
- 9485 0125 R. Tacna, LAm ballads, rock hosted by OM + ID @0130 (fr; 7/8. Parks, FL)

SURINAM

4996 0210 R. Apintie, Dutch, thought this might be Andina, but heard OM w/ ID and brief t1k, into mx. Checked other nights but nothing (322; 7/22. Sharp, FL)

URUGUAY

11885t 0000 SODRE, t1k by OM, weird mx, then possible ID by OM, then more weird mx, and ID by YL in EE; (222; 7/22. Sharp, FL)

VENEZUELA

- 3215 *1021 Ondas Panamericanas, soft LAM ballads, @1026 blaring ID and good morning, gave complete s/on, into px called "Mañana," which began w/ news, by OM. Good signal except for some local QRN (gd; 7/25. George, FL)
- 3225 1011 R. Occidente, LAM mx, OM, local QRN, ID @0148 by OM (422; 8/3. Davidson, SC)
- 4780 0335 LV de Carabobo, LAM mx, ID/TC by OM, 2nd ID w/ "primero lugar," (423; 7/18.)
- 4800 0347 R. Lara, LAM vocals, TC/ID @0348, t1k (433; 7/18. Ulmer, LA) /// Ulmer, LA)
- 4831 1045 R. Tachira, "RT, mas popular...", frequency closer to 4831 than 4830 (443; 7/25. Jones, MS)(4830,7; ad for Banco de los Andes, ID: "XVOA, en los Andes de Venezuela, R. Tachira," much stronger than Reloj 4832; bassy audio (344; 7/31. Novello, NY))(0220; "Popoye" song in Latin beat, (yo soy que yo soy??? ch); 433; 7/27. Stone, ON)(0336; "R. Tachira, primera dinamica y popular" 443; 7/26. Ulmer, LA)(1002; 322; 7/31. Wilkins, CO)
- 4860 0430 R. Maracaibo, OM w/ ID, followed by LAM mx, tuned by and caught ID (434; 7/20. Berri, CA)(0733; 423; 7/4. Leonard, ME)(0608; "2:09 -- R. Maracaibo, la emisora del pueblo y los grande servicio cultural!" 433; 7/17. Ulmer, LA)
- 4900 0138 R. Juventud, "Ebony and Ivory," other U.S. Top-40 menu items (453; 7/25. D'Angelo, PA)(1032; 323; 7/13. Schlesinger, TX)(0129; 443; 7/17. Ulmer, LA)
- 4940 0240 R. Yaracuy, snappy vocals w/ 0247 ID, usual good signal but some QRN (432; 8/6. Boone, TX)(0957; 333; 8/2. Wilkins, CO)
- 4970 0256 R. Rumbos, OM w/ ID, ment. Venezuela, followed by mx before hr; (433; 7/13. Berri, CA)(0418; 0459*; 333; 7/18. Speer, CA)(0415; 0058* (Did you listen all day? Or should that time be 0508 instead? Mystery of the Month! ch); 444; 7/3. Zolla, CA)(0359; 433; 7/18. Ulmer, LA)
- 4980 0140 Ecos del Torbes, LAM mx, ID @0156 followed by futbol scores, then some ads including a soft drink and a bank, more mx, this time U.S. Top-40; (454; 7/25. D'Angelo, PA)(0302; 454; 7/28. Stephany, NY)(0356; ID: "Aqui Venezuela, puerto del turista en America del Sur" (Sorry, not strictly an ID. ch)(433; 7/26. Ulmer, LA))
- 4990 0353 R. Barquisimeto, famfare, "Aqui R.B.," read fqys of stations, t1k, mx (422; 7/28. Ulmer, LA)
- 5030 1058 R. Reloj Continente, OM talking, several IDs, then jingle @1100 w/ more references to ID (222; 7/9. Costin, AUSTRALIA)(0445; 422; 7/24. Ulmer, LA)(*0930; NA, s/on anmt: "Desde Caracas, capital de la república Venezuela, transmite R. Continente, 520 kHz onda larga, 5030 kHz onda corta..." mx; 454; 7/31. Stephany, NY)(0440; 444; 7/20. Berri, CA)
- ! 9530 2305 R. Nacional, wrapping up play; credits, ID: "R. Nacional de Venezuela, mil cincuenta metropolitana, seteciento setenta en el estado Carabobo, mil quinientos en centro-occidente, mil trecento diez para la zona oriental, y mil ciento veinte kHz para nuestro ... (?)", then rustic mx and by YL (Jay asks me not to say "YL," but who am I to buck a noble tradition -- that of assuming that any woman one refers to is 'young,' even when that is only a gallantry. ch), faded out by 2318; no REE; (454; 7/13. Novello, NY)(2330; co-channel REE QRM, fr/pr; 7/7. Parks, FL)
- 9660 0335 R. Rumbos, Argentinian delegation to LAM countries to explain their/side of the Falklands dispute (444; 7/10. Grosvenor, CA)(0350; 454; 7/25. D'Angelo, PA)

NORTH AND CENTRAL AMERICAANTIGUA

- 6040 0130 DW, EE, mailbag, newspapers, language course, mx, GG version of "Green Green Grass of Home" (Reminds me of the only German work of P.D.Q. Bach thus far discovered -- his cantata "Blauesgräs," or "Bluegrass." ch)(544, 8/1. Demmitt, PA)
- 6175 0715 BEC, EE, "From Our Own Correspondent" px, discussed arms limitations and the number of times each side can blow the other up! (those turkeys, hi!)(Not "hi!" at all, methinks. ch)(544; 7/4. Leonard, ME)
- 9510 0600 BEC, EE, Newsdesk," BBCWS nx (554; 7/21. Thompson, CA)
- 11785 0330* DW, EE, ID, s/off (343; 7/29. Annis, IN)
- 15105 2343 DW, GG rock and new-wave mx, YL t1k (433; 7/15. Ulmer, LA)

CANADA

- 5960 0009 RCI, EE, SWLD, effects of solar disturbances on SW, international frequency allocation, RIB's Survey of popular SW stations and announcers (555; 8/2. Demmitt, PA)(0200; 555; 7/26. Coleman, MA)(0005; 555; 8/28. Casavant, PQ)(0210; 444; 7/6. Addison, KS)
- 6005 2230 CFCX, Montreal, EE, sx phone-in program, restaurant, Expos ticket ads, TC/ID (333; 7/12. Famularo, NJ)(1225;232;8/6. Schulsinger, OH)

CANADA -- (CONTINUED)

- 6030 0831 CFVP, Calgary, EE, pop mx, OM DJ, wx, ads for CFL game, Calgary vs. Hamilton (322; 7/20. Grenier, CA)(0812; ID @0819 "1060 - CFCN, Calgary" (fr; 7/3. Wilczek, IL))
9755 2300 RCI, EE, nx, wx, sx, tkl, (454; 7/24. Messineo, MA)(*0300; 555; 7/12. Krist,
15150 2135 RCI, EE, African Service, Music Shop w/ rock mx and ancd. contest //VA) winners (333; 8/1. Grenier, CA)
15260 1615 BBC, EE, Saturday Special, not that good a signal (333; 7/24. Schlesinger, NY)
15325 2010 RCI, EE, wx, sx, Canadian basketball in Taiwan, Eur. Svce. (444; 7/5. Harnell, IL)(2203; 332; 7/13. Schlesinger, TX)(2230; 433; 7/10. Shreedhar, IN)
17820 2130 RCI, EE, Usual px, surprisingly weak this PM (242; 7/13. Schlesinger, TX) (1538; 444; 7/17. Van Horn, TX)(1845; 344; 7/4. Addison, KS)
17875 1930 RCI, FF/EE, nx, discussion in FF to 2000, then world nx in EE (223; 7/22. Lord, CA)(1942; 555; 7/18. Hesch, NY)(2253; 555; 7/20. Belzer, PA)(2015; 333; 7/14. Addison, KS)
21695 1830 RCI, FF, nx, (444; 7/24. Langlois, GA)

CUBA

- 9525 0640 RHC, EE, NAM px, coming in just fine (444; 7/18. Schlesinger, TX)(0750; 443; 7/4. Leonard, ME)
11725 0510 RHC, EE, px about South African Bantustans, segué'd w/ short staccato bursts of music (333; 7/27. Halbert, CA)
11760 0400 RHC, EE, YL w/ px "From the Land of Music," "Cuba and the World" by OM & YL (444; 7/21. Greenbauer, AZ)
11930 0057 RHC, EE, IS, ID, NA, sked, px review, nx (533; 7/9. Ulmer, LA)
11950 1750 RHC, FF, YL w/ LAM mx (233(?) ch; 8/2. Beiter, PA)
15230 1945 RHC, LAM mx, Music of the Americas (444; 7/23. Langlois, CA)
15365 2045 RHC, EE, Cuban mx, scientific talk (434; 7/19. Famularo, NJ) son, CA)
17750 2032 RHC, mx, ID, into EE @2050 (555; 7/12. Van Horn, TX)(1918; 544; 7/13. Thomp-

COSTA RICA

- 4832 0638 R. Relej, typical mx, ID (323; 7/31. Halbert, CA)(0430; 344; 7/23. Sharp, FL) (0423; 433; 7/24. Ulmer, LA)(0338; 323; 7/19. VanHorn, TX)
6006 0648 R. Relej, TC, LAM mx, (433; 7/8. Ulmer, LA)(0632; 333; 7/25. Grosvenor, CA)
6076 1113 R. Rumbo, ranchera mx (353; 7/30. Jones, MS)

DOMINICAN REPUBLIC -- R. Clarin

- 11700 2200 Local pops w/ apparent political commentary between each selection -- OM mentioned Eisenhower, Kennedy, Johnson, Nixon, Reagan, and Castro (Jimmy Carter not mentioned)(How about Zachary Taylor or Rutherford B. Hayes? ch)(332; 8/7. Boone, TX)(2323; 433; 7/11. Schlesinger, TX)

EL SALVADOR -- Radio Nacional de El Salvador

- 9553 1057 tkl by mellow, half-asleep, or daydreaming OM, IDs and TCs about every minute, could almost double as time station (333; 7/22. Sharp, FL)

GRENADE -- Radio Free Grenada

- 15045 2155 EE, ads, local TGS, events, rock mx, instrumental mx, (2209 record stuck) more ads, jazz instl's (232; 7/23. Thompson, CA)(2331; 352; 7/24. Morgan, NC) (2330; 333; 7/6. Black, MA)(0020; 353; 7/30. Heach, NY)

GUATEMALA

- 3300 0516 R. Cultural, classical and EZL mx; ID, ancd by OM @0527; "Transmite R. Cultural...de la capital de Guatemala," more EZL (253; 7/11. Stephany, NY) (0524; 322; 7/17. Ulmer, LA)

HAITI

- 6155 2340 R. Citadelle, FF/Creole; Hi-life and West Indian mx w/ brief anmts and intros by OM DJ in heavily-accented FF and/or Creole. ID by OM @2358, 0000 as "R. Citadelle en Cap Haitien," het from unID station or OC; (gd; 7/31. Parks, FL)(This is a good catch -- has been reported on 6156 by several, but what's a kilohertz or so between friends. ch) 7/20. Hosmer, NY) ---
11855 1204 4VEH, EE, nx, marine wx to 1215, ID, followed by "Glad Tidings" px (333; /

HONDURAS

- 3250 0117 R. Luz y Vida, religious tkl, mx, ID, usual hets; I don't think they've been on much this month as I've only heard them three times (323; 7/31. Huffaker, MEXICO)
4820 0343 LV Evangelica, HRVC, EE, Billy Graham sermon, talk on his Soviet visit (333; 7/12. Famularo, NJ)(0356; ID: "You are tuned to Radio Station HRVC, your Good News station," 455; 7/12. Stephany, NY)(0500; 322; 7/22. Sharp, FL)(0441; 323; 7/19. Van Horn, TX)(0458; 433; 7/25. Ulmer, LA)(0350; 333; 7/20. Schulsinger, OH)

MEXICO

- 6045 1550 R. Universidad de Sonora, classical mx, tremendous noise (342; 7/24. Schlesinger, TX)
6105 1225 XEQM, Su Pantera Juvenil, rock mx, TCs, ad string for businesses, "Su Pantera ID @1230, slight overmod; (gd; 7/13. Parks, FL)(01608; 241; 7/18. Schlesinger, TX)(0137; continuous disco and pop; 443; 7/23. Sharp, FL)

MEXICO -- (CONTINUED)

- 6115 0026 R. Univ. de Sonora, OM ancr w/ classical mx (343; 7/16. Thompson, CA)
6185 1049 R. Educación, mx, tlc, 2 OMs, into romance px @1100 (433; 7/13. Schlesinger, TX)(1245; gd; 7/31. Parks, FL)
11770 2305 R. Mexico Internacional, XERMX, YL ID plus mx, more talk, more Mexican mx (233; 7/17. Annis, IN)(2200; 333; 7/11. Miller, CA)
15430 0254 R. México Internacional, XERMX, SS/EE, IDs, mx, EE ID @0259; ID, then "This Week in Mexico," nx, mx, facts about Mexico (353; 7/18. D'Angelo, PA)(2005; I visited this station in 1975 while living in Mexico; they didn't seem to know what a QSL card was, even after being shown one from HCJB. Did get several nice pennants. 222; 7/16. Annis, IN)(I believe that all XERMX verifications come out of the Ministry of Tourism. ch)(0310; 334; 7/11. Miller, CA)(0342; 343; 7/19. Van Horn, TX)(0302; 433; 7/11. Hill, SC)

NETHERLANDS ANTILLES

- 6165 0230 RN, EE, Happy Station, recorded party of July 31st at RN. Tom "told" some of the tricks played on him while on the air. (544; 8/2. Demmitt, PA)(0530; 544; 7/21. Leonard, ME)
9590 0230 RN, EE, nx, Newsline, Shortwave Feedback, Dutch Jazz, Newsbrief, 0325* (gd; 7/10. Koehler, IL)
9705 0244 TWR, EE, ID w/ location, IS, unidentified lang px; (444; 8/1. Demmitt, PA)
9715 0528 RN, ID followed by jingle, then ID again, with intro to part 5 of a serial on radio propaganda called "Media Wars" (544; 7/9. Leonard, ME)(0545; 533; 7/19. Thompson, CA)(0534; Happy Station, then big band mx; 555; 7/19. Van Horn, TX)
9755 0431 TWR, EE, tuned in at 0415 to hear "Laurie Lind," but she wasn't here. Instead, "Unshackled" and "Rendezvous" @0431 (544; 8/2. Leonard, ME)
11750 0120 TWR, EE, religious talk (544; 7/19. Shreedhar, INDIA)(1137; 444; 7/14. Schlesinger, TX)(1130; Bible reading: John 1:14; 32 ; 7/7. Duguay, MA)
11815 1200 TWR, EE, Sunday Sounds, a religious px (444; 7/18. Surprenant, MA)(1200; 444; 7/15. McCants, AL)
15560 2130 RN, Dutch, nx, NATO, Bolivia, and Reagan were the topics (what a mixed bag -- ch)(555; 7/20. Beiter, PA)
17695 2030 RN, EE, African Service, nxline on disbanded French paramilitary unit; Media Network special on ANARC Convention (333; 7/29. Schulinger, OH)
21685 2030 RN, EE, nxline, DX program from India (343; 6/24. Chituck, ITALY)
21695 2030 RN, EE, Dateline, interview with promoter of North Sea Jazz Festival (454; 7/13. Fraser, MA)

NICARAGUA

- 5950 0425 LV de Nicaragua, OM/YL ancrs, mx, tlc, mention of "Sandinistas," and clear IDs (433; 7/17. Hosmer, MI)(0500; 433; 8/1. Dampier, NY)(0317; 545; 7/12. Stephany, NY)(0225; 232; 7/10. Miller, CA)(0414; 554; 7/15. Hesch, NY)(0140; 433; 7/31. Ulmer, LA)(0435; 444; 7/25. Speer, CA)(0300; 333; 7/8. Moman, AB)

UNITED STATES OF AMERICA

- 5985 0300 Voice of Free China relay, EE, ID, nx, cmt, U.S. arms sale to ROC, request for reception reports, Let's Learn Chinese (555; 8/1. Demmitt, PA)
5995 0320 VOA, EE, Concert Hall, mx by Mozart (555; 7/26. Hill, SC)(0531; 555; 7/30. Leonard, ME)
6030 1030 AFRTS, EE, talk on U.S. in WW II in France, then told story of July Fourth; then talk on National Gay Rights (555; 7/4. Duguay, MA)(0140; 555; 8/1. Demmitt, PA)
6035 0626 VOA, EE, African Safari, nx @0630 (445; 7/31. Halbert, CA) // PA (0709; // 6080 433; 6120 555; 7280 333 (Not a U.S. xmitter, obviously. ch)(422; 7/4. Leonard, ME))
6130 0134 VOA, played "When The Saints Come Marching In." Is there competition between the VOA and WRNO? (Only for frequencies. ch)(544; 8/1. Demmitt, PA)
6185 0300 WRNO, EE, "Holding On." With mx like that, I couldn't 'hold on,' I changed fqys (544; 8/2. Demmitt, PA)(0300; 444; 7/19. Beiter, PA)
9670 0557 VOA, EE, Daybreak show ends with Viewpoint following, (544; 7/27. Leonard, ME)(0100; 444; 7/24. Langlois, CA)
9705 0205 WRNO, EE, ID, very poor modulation (533; 7/10. Addison, KS)
9715 0325 WFR, EE, Bible Study, "Insight," (444; 7/30. McCants, AL)
11580 0508 VOA, FF, OM w/ world nx to 0509 ID, rock/disco mx (433; 8/6. Lucas, CA)
11790 0539 AFRTS, EE, OM detailing px and contents to be carried on NBC radio net, (433; 7/31. Leonard, ME)
11855 2320 WRNO, EE, tail end of church service, ID, song "Body Language" by Queen, other rock mx (where's World of Radio?)(555; 7/18. Schulinger, OH)(2315; 444; 7/8. Taylor, MO)(2351; ad for MFJ converter; 434; 7/31. Surprenant, MA)(0059; 444; 7/13. Mountain, BC)(2330; 444; 7/11. Krist, VA)
15120 1911 UN Radio, EE, Week At The United Nations (or is that Weak at the UN? ch) ID @1915, UN Radio Club px by OM w/ letters read, 1924 f/out (434; 2/7. Stephany, NY)
15130 2145 LV de China Libre relay, mx px, ID and anmt of mx by OM, (454; 7/3. Stephany, NY)
15205 0600 VOA, EE, nx, Daybreak; (322; 7/23. Shreedhar, INDIA) // NY)
15245 1930 WRNO, EE, jazz, Polish religious px (444; 7/24. Langlois, GA)

UNITED STATES OF AMERICA -- (CONTINUED)

- 15280 2130 KGEI, EE, OM w/ ID, ancr of EE religious px to Americas, strong QRM (333; 7/2. Kerrigan, IL)(2133; 555; 7/12. Van Horn, TX)
- 15365 2225 WYFR, EE, Jim Cunningham troubled (could be "doubled", I can't quite make the word out. ch), Books for Teens by Mel Johnson, "Stories of Christians," (444; 7/20. Beiter, PA)(2235; 444; 7/10. Taylor, MO)(1530; 444; 7/17. Van Horn, TX)
- 15410 2130 VOA, OM ID, mx, world sports report (344; 7/5. Addison, KS)(2122; World of Sports w/ Jim Olsen, Colt sold for \$4.25 million; 555; 7/20. Beiter, PA)(1620; 444; 7/24. Schlesinger, TX)
- 15420 *1800 WRNO, EE, long ID, s/on anmt by OM set to Superman theme, into rx mx (is that rock mx or receiver mx? ch)(454; 6/23. Stephany, NY)(1901; 544; 7/6. Hesch, NY)
- 15430 *1600 VOA, EE, OM ID, nx, mx, African Service (333; 7/6. Addison, KS)
- 15430 1530 AFRTS, EE, time signal, followed by ABC News, 1534 mx, 1535 "Listen Closely" on the FM Network; (444; 7/11. Leonard, ME)
- 15580 2130 VOA, EE, Weekend Magazine, discussion of wind shear, SS festival, banjos, (444; 7/17. Lord, CA)(2145; 454; 7/20. Fraser, MA)
- 17640 1439 VOA, EE, Willis Conover mx px in memory of Art Pepper, who passed on 6/15, East Asia Service (444; 7/12. Kerrigan, IL)(There was an interesting article about Mr. Conover in the Times recently -- he is perhaps the most famous disk jockey (of course, he is more than a DJ, but for the sake of time, we'll use "DJ") in the world, except for the United States. The article has one good point -- it does not say that he can't be heard in the U.S., only that he is not well known in the U.S. Journalists writing about the VOA invariably write stories that reveal that the Voice of America cannot be heard in the U.S. Do the above reporters know that, hi?? ch)
- 17775 2249 WRNO, EE, "Abacrab" by Genesis, "Say Good Bye to Love" by the Carpenters (555; 7/20. Beiter, PA)
- 17785 1958 WRNO, EE, Pastor Benson pitching for \$\$, reading from Luke (444; 6/8. Pfeffer, NY)(I would recommend Luke 10:4, 12:16-21; 13:33; and 16:1-13. ch)
- 21460 0345 VOA, EE, px "American Viewpoints," (353; 7/18. Tanaka, JAPAN)
- 21485 2130 VOA, EE, nx, tlk of space shuttle (444; 6/24. Chituck, ITALY)
- 21545 1336 WYFR, EE, mailbag px, QSB (443; 7/25. Schlesinger, TX)
- 21570 0025 AFRTS, EE, ABC Sports, ID @0029, nx about New Orleans air crash, heavy QRN (522; 7/12. Halbert, CA)
- 21615 2147 WYFR, EE, mx, religious tlk (232; 7/13. Chituck, ITALY) TX)
- 21625 1700 VOA, EE, world nx by OM, stories about the Hopi Indians (555; 7/16. Van Horn, 19640)
- 2200 VOA, Polish, 2200 station ID in EE, then ancr. gave next lang. as Polish (455; date????; Chituck, ITALY)

CLANDESTINE

- 5106 0030 LV del CID, rock mx, Beatles medley, ID "Programa música libre, LV del CID." (432; 8/3. Boone, TX)(5110a, 0036; a plug for "las noticias de LV del CID" @0046 (555; 8/2. Sharp, FL))(5106; 0106; mentioned R. Martí; 333; 7/15. Cereghin, MD)(1041; 1043* w/ Cuban Anthem; 333; 8/2. Wilkins, CO)
- 6210 0420 LV de Sandino, continuous LAm mx w/ YL ID "Aqui LV de Sandino," 0433*; (343; 7/12. Famularo, NJ)
- 6852 0231 R. Venceremos, martial mx, OM/YL IDs, guitar mx, tlk, //6952 (unusable); (333; 7/15. Famularo, NJ)(6854v, 0234; mx, tlk (333; 7/25. D'Angelo, PA))
- 6900 0250 R. 15 de Septiembre, mx followed by OM, tlks, mx, including "Stars and Stripes Forever," 0258 RTTY QRM past 0300 (423; 7/19. Berri, CA)(1221; tape of machinegun, 1229*, 332; 8/3. Lucas, CA)(0245; S+S Forever, poor; 7/19. Grijalva,AZ)
- 7410 0123 R. Farabundo Martí, theme from "2001," real noble-sounding, then into propaganda (322; 7/15. Cereghin, MD)
- 7413 0105 LV del CID, OM w/ numerous IDs, then tlk (323; 7/29. Berri, CA)


THE SANDBOX / or / KIDS PLAYING RADIO

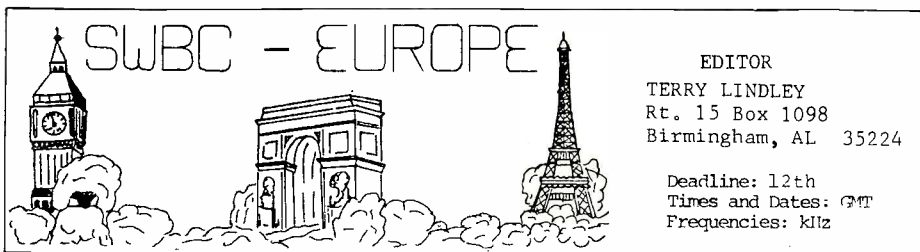
- 6712a 0300 "WCLG", EE, U.S. pops, ID @0300, more mx, said phones were going to open @ 0330; gave Bronx number (not mine, I hope. ch)(222; 7/24. Sharp, FL)
- 7350 0120 R. Clandestine, EE, Jim Burns, an ad for Squee Gee "athletic supporters," space ship test (444; 7/13. Stone, ON)
- 7425 0305 Voice of Free Radio, EE, rock mx, IDs, poor mod, 0316* , (8/8. Smolinski, MD)

A GOOD TURNOUT THIS MONTH, much better than last month. I presume that DX will pick up in the fall, although there have been some very good openings to Latin America and Africa in the last several months.

I would again like to stress that all reports should be on SPEEDX forms if at all possible, completely filled in (there's nothing like typing a logging that's exceptional and then having to guess at the reporter's name), LEGIBLY filled-in, and sent on time. I rarely if ever print stale loggings.

See you in Contributors, and, remember, Arkie hates list-logging, so do it right, friends!!!

73%
Chris + Arkie 



EDITOR

TERRY LINDLEY
Rt. 15 Box 1098
Birmingham, AL 35224

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

Lets get started with Albania.

A L B A N I A R.Tirana R.Gjirokaster

- 5020 0303 RG: AL-YL w/nx & Albanian songs.(333 7/9 Wilczek-IL)(Stephany)
6200 0330 RT: EE-YL w/nx, a little better on 7300.(222 7/17 Schlesinger-TX)
7065 0026 RT: EE-OM sounded like Donald Duck, too fast.(433 7 Pfeffer-NY)
(Schlesinger-TX)(Krist-VA)
7120 0133 RT: EE-YL w/talk on Yugoslavia & Albania.(432 Morgan-NC)
(Coleman-MA)(Johnson-IL)

A U S T R I A ORF

- 5945 0128 ORF: EE-Nx, talk on Austria & gas from USSR.(433 Krist-VA)
9770 0330 ORF: EE-Nx, mx, talk on food & drink.(433 7/18 Kanon-NY)
(Johnson-IL)(Krist-VA)(Ross-ONT)(Palmer-WA)(D'Angelo-PA)
12015 0430 ORF: EE-YL & OM, w/nx, & mx.(433 7/21 Greenbauer-AZ)(Van Horn-
TX)(Grijalva-AZ)(Miller-CA)(Schulsinger-OH)(Ulmer-LA)
15185 1830 ORF: EE-ID, nx to E.Afr. (232 7/12 Famularo-CA)
17880 *1229 ORF: EE-"Report From Austria" w/nx & cmtry/(433 Krist-VA)
21500 0435 ORF: EE-Austria Calling w/talk on economy.(544 7/23 Shreedar-
India)

B E L G I U M Belgische Radio en Televisie

- 11695 0100 BRT: EE-Brussels Calling told hoe to become a member of their
DX club.(544 7/28 Casavant-QUE)(Krist-VA)(Addison-KS) + 4
15210 1709 ORU: FF-YL w/Euro pop mx, slightly hetted.(242 7/5 Schlesinger
TX)
17595 1815 BRT: EE-Brussels Calling w/mx pgm.(444 7/4 Dampier-NY)(Hesch-
NY)(Van Horn-TX)
21460 1153 La Voix de L'Amitie: FF-OM & YL w/pop & piano mx.(153 7/3
Hesch-NY)
21525 1400 BRT: EE-Nx & the Mailbag pgm.(555 7/21 Beiter-PA)

B U L G A R I A R.Sofia

- 9700 0038 RS: EE-OM & YL w/ID & mx.(533 7/11 Morgan-NC)(Krist-VA)(Dampier
-NY)(Hesch-NY)(Fraser-MA)
11750 0030 RM: EE-Cmtry on disarmament.(544 6/17 Krist-VA)
15110 1940 RS: EE-Cmtry on Soviet peace proposals.(544 Krist-VA)
15135 2140 RS: EE-OM w/cmtry on NATO.(555 Coleman-MA)

C Z E C H O S L O V A K I A R.Prague

- 5930 0130 RP: EE-Mx pgm.(211 7/20 Dampier-NY)
7345 0122 RP: EE-OM w/freqs, ID, & address.(544 7/21 Ross-ONT)(Johnson
-IL)(Morgan-NC)
11990 0130 RP: EE-YL /ID, MX, & cmtry.(333 7/21 Addison-KS)(Krist-VA)(+ 3

D E N M A R K R.Denmark

- 11835 1516 RD: EE/DN-Apparently testing new tx, EE anncts, nx, & talk on
pastry making.(232 8/1 George-FL) R.Denmark reportedly have
gotten their new 50 kw transmitters into operation. I suppose
this is a new freq for them. If anyone knows for sure please
let us know. tml
15165 2358 RD: DN-IS, IDs, YL w/nx.(333 8/4 Schulsinger-OH)(Stephany-NY)
(Dampier-NY)(Hill-SC)

EDITORS COMPLAINT DEPARTMENT

Nine people did not cut their logs into strips this month. With an average of 7 logs this makes 63 peices of paper that I must cut with the scissors and sore fingers. Please cut yours into strips. Thank you. terry.....

F I N L A N D R.Finland

15400 1330 RF: EE-S/on, IS, nx to N.Amer.(242 7/20 Hosmer-MI)(Krist-VA)
(Dampier-NY)
17800 *1128 RF: EE-YL w/nx about Finland.(555 7/4 Seitner-VA)(Kobylski-
MD)(Schlesinger-TX)
21475 1342 RF: EE-OM w/talk about many subjects.(434 7/17 Sharp-FL)

F R A N C E R.France Intl

11845 0846 RFI: FF-OM w/French mx pgm.(353 7/10 Welch-MA)
15135 1900 RFI: FF-OM w/ID, & nx pgm.(433 7/23 Langlois-GA)
15300 2035 RFI: FF-Mx pgm & talks.(444 7/14 Kobylski-MD)
17850 1604 RFI: EE-Paris Calling Afr w/wld nx, & ID.(343 7/12 Van Horn-TX)
17860 1850 RFI: FF-OM w/mx pgm, ID, sked.(555 7/28 Coleman-MA)
21515 1845 RFI: FF-Great FF Rock & Roll worth listening too.(555 7/19
Chituck-Italy)
21580 1605 RFI: EE-PCA w/nx pgm.(353 7/5 Fraser-MA)(Miller-CA)(Chituck)
21595 1321 RFI: FF-OM & YL w/mx pgm, talk & ID.(555 7/15 Chituck-Italy)
21620 1639 RFI: EE-PCA, fading badly & QRMed by WYFR.(322 7/17 Schlesinger
-TX)(Chituck-Italy)

G E R M A N D E M O C R A T I C R E P U B L I C R.Berlin Intl

9560 0230 RFI: EE-the weekly pop mx pgm.(432 7/16 Dampier-NY)
9730 0010 RFI: EE-OM w/nx, suddenly buried @ 0011.(222 7/20 Schlesinger)
11890 0555 RFI: EE-A badly QRMed signal to N.Amer.(312 7/18 Schlesinger-TX)
11975 0130 RFI: EE-Nx, talk on disarmament.(433 7/8 Hill-SC)(Black-MA)
(Morgan-NC)(Stephany-NY)(Krist-VA)

G E R M A N F E D E R A L R E P U B L I C Deutsche Welle

3995 0145 DW: GG-IS, YL w/ID, & classical mx pgm.(333 7/23 Wilczek-IL)
6040 0115 DW: EE-Mailbag pgm w/letter from U.S.(454 7/4 Dugway-MA)
(Kerrigan-IL)(Addison-KS)
5995 0446 VOA: EE-Disc on McDonalds franchising.(533 7/16 Leonard-ME)
6090 1600 R.Bremen: GG-Relay of SFB1 mx & nx.(222 7/3 Dampier-NY)
7145 0400 RFE: PO-IS, OM w/ID & mx pgm.(232 7/3 Dampier-NY)
9565 0110 DW: EE-Talk on natural gas, Berlin Wall.(544 8/2 Hill-SC)
9660t 0300 VOA: ??-Unintelligible talk.(111 7/3 Dampier-NY)
9765 2145 DW: EE-Big band mx, OM w/ID.(222 7/20 Roberts-Holland)
11765 0150 DW: EE-OM w/ID & German mx pgm.(433 7/16 Addison-KS)
11855t 0430 RL: RR-Nx pgm. I believe this is R.Liberty.(433 7/4 Dampier-NY)
11865 0135 DW: EE-OM w/ID, cmtry, & nx pgm.(344 7/2 Addison-KS)
15105 0135 DW: EE-Pgm on ownership of historic homes in Germany.(444
4/16 Zolla-CA)
15135 1538 DW: EE-the Afr service w/an interview.(243 7/24 Schlesinger-
TX)
15275 2345 DW: GG-OM w/mx pgm & talks.(444 7/18 Hill-SC)
17860 0055 DW: GG-OM & YL w/mx, ID, & nx.(544 7/30 Hesch-NY)(Beiter-PA)
21500 1905 DW: GG-A talk on Hitler-(444 7/19 Chituck-Italy)
21560 1600 DW: GG-IS, ID, freq-sked & nx.(353 7/20 Ulmer-LA)(Langlois-GA)
21600 1305 DW: EE-Afr nx stories too Africa.(433 7/20 Hosmer-MI)(Chituck)

G R E E C E Voice of Greece

9865 0316 VOG: GK-OM w/nx, Greek mx.(433 8/4 Palmer-WA)(Surprenant-MA)
(Coleman-MA)(Black-MA)(Kerrigan-IL)
12045 0300 VOG: GK-OM w/pgm og GK mx.(444 7/22 Wilkins-CO)
15040 1956 R.Macedonia: GG-Mx pgm, ID. // 15050(333 7/17 Sharp-FL)
15050 1505 RM: GG-Mx pgm. Fading.(342 7/4 Schlesinger-TX)
15595 0130 VOG: EE-YL w/talk about people kidnapped in Cyprus.(444
Johnson-IL)(Schlesinger-TX)(Krist-VA)(Ulmer-LA)(Hill-SC)
17755 1540 VOG: GK/EE-OM w/folk mx pgm.(333 7/11 Seitner-VA)

H U N G A R Y R.Budapest

9585 0120 RB: EE-YL gives rules for RB DX contest.(433 7/27 Farmer-TN)
(Speer-CA)(Kanon-NY)(Messineo-MA)(Annis-IN)(Moman-ALB)(
Krist-VA)(Surprenant-MA)
9835 0200 RB: EE-YL w/nx, ID, & cmtry.(433 7/20 Miller-CA)(Palmer-WA)
(Krist-VA)
11910 0102 RB: EE-Nx on Isreal-Lebanon conflict.(454 7/30 Grijalva-AZ)
(Morgan-NC)(Krist-VA)
15160 1430 RB: EE-ID, freqs, & s/off.(333 7/23 Famularo-NJ)
17710 0124 RB: EE-OM w/talk about peace movements & demonstrations get
started.(344 7/3 Johnson-IL)(Ulmer-LA)

I C E L A N D ISBS

13797 1830 ISBS: IC-OM w/mx pgm, chimes, & ID.(323 7/18 Sharp-FL)

I R E L A N D Voice of the IRA

15110 2001 IRA: EE-Test tx on this date. OM w/Irish songs & IDs.(323 7/25 George-FL)

I T A L Y RAI

9575 0119 RAI: EE-Sad sounding YL w/mx pgm.(434 7/21 Johnson-IL)(Fraser-MA)(Schlesinger-TX)(Stephany-NY)
11800 0100 RAI: EE-YL w/nx & mx pgm.(544 7/27 Hensley-TX)(Johnson-IL)(Schlesinger-TX)(Kerrigan-IL)(Krist-VA)
15465 2252 R.Pace: II-YL w/ID, address in Verona.(poor 7/10 Wilczek-IL)
15476 0030 R.Pace: II-OM w/cont talk, address, phone#.(333 7/17 Sharp-FL)

L U X E M B O U R G H R.Luxembourg

6090 0000 RL: EE-Mx pgm, & commercials.(343 6/28 Kanon-NY)(Schlesinger-TX)(Chituck-Italy)
15350 2337 RL: FF-OM w/talk & rock mx pgm.(343 7/15 Ulmer-LA)

M A L T A R.Mediterran Deutsche Welle

9515 2031 RM: EE-OM w/"Good Music" pgm, ID, Address.(443 7/9 Hesch-NY)(Stephany-NY)
9590 0100 DW: EE-Wld nx pgm.(534 7/6 Hill-SC)(Greenbauer-AZ)
11865 0100 DW: EE-Nx pgm, talk on women in armed forces.(454 7/8 Welch-MA)(Seitner-VA)
15105 0102 DW: EE-IS, ID, OM gives site ID.(344 7/3 Johnson-IL)

M O N A C O Trans World Radio

9495 1047 TWR: EE-OM w/rel sermon.(444 7/18 Sharp-FL)

N E T H E R L A N D S R.Nederland

9690 0230 RN: EE-Nx pgm. Pretty good on one of the worst propagation nights I've run across.(444 7/14 Schlesinger-TX)
17605 2100 RN: EE-the Media Network w/reports on ANARC convention, solar activity, jamming, new equipment, & govt publications.(444 7/29 Schulsinger-OH)(Kerrigan-IL)(Beiter-PA)(Hesch-NY)
21685 1735 RN: AA-OM w/talks, Arabic mx pgm.(223 7/11 Miller-CA)(Addison)

N O R W A Y R.Norway

11850 0053 RN: NW-Nx, barely readable w/talk at 0055.(422 7/20 Ulmer-LA)
15125 1410 RN: EE-YL w/ID, poetry.(434 7/12 Gayle Van Horn-TX)
15175 1808 RN: EE-Norway This Week, QRM by RM.(322 7/18 Schlesinger-TX)
17840 1933 RN: NW/EE-Mx pgm, cmtry, YL w/EE IDs.(333 7/30 Farmer-TN)

P O L A N D R.Polonia

7270 2230 RP: EE-Nx on Warsaw Calling, mailbag pgm.(443 7/2 Fraser-MA)
9525 0159 RP: EE-YL w/nx & cmtry.(222 7/9 Pfeiffer-NY)(Krist-VA)(Morgan-NC)(Farmer-TN)
9675 1653 RP: EE-OM w/Polish songs, IDs.(433 7/20 Roberts-Holland)
11815 0326 RP: EE-OM w/freq-sked, address, & nx.(444 Coleman-MA)
15120 0313 RP: EE-OM w/ID, mx pgm, & nx.(343 7/22 Grijalva-AZ)(Hill-SC)

P O R T U G A L R.Portugal

9575 0530 RP: EE-Pgm of political nx, mx.(444 Grosvenor)(Kobylski-MD)+3
11730 2330 R.Renascenca: PP-YL w/pop mx pgm.(332 7/18 Schlesinger-TX)(Ulmer-LA)
11800 0815 RP: PP-OM w/ID & talks in PP.(353 7/10 Welch-??)
11925 0041 RP: EE-Nx pgm, comment about Constitution.(434 7/31 Leonard-ME)(Lord-CA)(Ulmer-LA)(Surprenant-MA)
17880 1806 RP: EE-OM w/nx pgm to Afr. Pading.(331 7/17 Schlesinger-TX)
21475 1615 RP: EE-"Events in Portugal".(222 7/31 Hill-SC)

R O M A N I A R.Bucharest

9570 *0400 RB: EE-ID, nx, mx pgm.(444 7/12 Krist-VA)
9570 0256 RB: EE-"Get a RB diploma if you send reception reports for 5 years" (323 7/29 Farmer-TN) Just 5 years, what a bargain.....
11940 0404 RB: EE-Nx, cmtry on farm production.(333 7/29 Greenbauer-AZ)(Schlesinger-TX)(Krist-VA)

MIDDLE AGE IS THE TIME WHEN A PERSON IS ALWAYS THINKING THAT IN A WEEK OR TWO HE WILL BE FEELING AS GOOD AS HE EVER DID

S P A I N Radio Exterior de Espana
 9360 0201 REE: SS-ID, Spanish mx.(544 7/27 Miller-CA)
 9630 0622 REE: EE-YL w/DX pgm.(332 7/12 Halbert-CA)(Johnson-IL)(Miller-CA)(Krist-VA)(Ulmer-LA)(Grosvenor-)
 9650 0030 REE: EE/SS-OM & YL w/Spanish lessons.(434 7/24 Langlois-GA)
 11800 0000 REE: EE-Talk on Spains foriegn relations.(444 7/10 Fraser-MA)
 11880 0115 REE: EE-the "Grass Roots" pgm, IDs, & nx.(544 7/4 Ulmer-LA) (Surprenant-MA)(Gayle Van Horn-TX)(Welch-MA)(Messineo-MA)+ 11
 11945 0015 REE: SS-the "Hoy en Espana" pgm.(454 7/14 Ulmer-LA)

S W E D E N R.Sweden Intl
 11705 0246 RSI: EE-OM w/cmtry on overweight Swedes.(322 7/29 Farmer-TN)
 15270 2305 RSI: EE-Report on racial prejudice in Sweden.(good 7/28 Grijalva-AZ)
 15420 0230 RSI: EE-the EE pgm to N.Amer, DX pgm.(444 7/21 Hosmer-MI)
 17790 *1400 RSI: EE-IS, IS, wld nx, talk on acid rain.(523 7/2 Stephany-NY)
 17840 1610 RSI: EE-Nx on the Saturday Show.(433 7/17 Shreedar-India)

S W I T Z E R L A N D Swiss Radio Intl
 6135 0201 SRI: EE-"Dateline" OM w/interviews.(433 7/3 Kerrigan-IL) (Dugway-MA)
 9725 0145 SRI: EE-NX, SSWMGR w/ANARC report.(423 8/1 Surprenant-MA) (Coleman-MA)(Speer-CA)
 11715 0455 SRI: EE-OM w/ID, mx pgm.(444 8/4 Carlson-WA)(Addison-KS)
 15305 0210 SRI: EE-OM & YL w/Mailbag pgm.(434 7/18 Annis-IN)(Hill-SC) (Zolla-CA)
 15430 0551 SRI: GG-OM w/Swiss opera mx.(433 8/6 Traver-CA)
 17830 1315 SRI: EE-Nx on "Dateline".(343 7/23 Shreedar-India)
 17850 1815 SRI: EE-Nx pgm, fading, QRM by WYFR.(322 7/17 Schlesinger-TX)
 21520 2130 SRI: II-ID & Nx pgm.(434 7/19 Chituck-Italy)
 21570 *1315 SRI: EE-YL w/nx, SSWMGR w/talk about antenna protection during thunderstorms.(143 7/10 Hesck-NY)(Fraser-MA)(Chituck-Italy)
 21980 0834 SRI: II/FF/GG-ID, Nx, cmtry on Isreal.(323 Chituck-Italy)

U N I T E D K I N G D O M BBC
 6120 *0200 BBC: EE-OM & YL w/wld nx & cmtry.(444 7/8 Addison-KS)
 6175 0545 BBC: EE-"The World Today" w/disc on Isreali Army.(433 7/30 Leonard-ME)
 6204 1047 R.Delmar: EE-OM w/pop mx & ID.(333 7/25 Roberts-Holland)
 6225 1045 Britian Radio Intl: EE-OM w/listener letters, mx pgm.(232 7/25 Roberts-Holland)
 6250 1119 R.North Star Intl: EE-OM w/pop mx pgm, & letters.(333 7/25 Roberts-Holland)
 6267 1120 R.Krypton: EE-Musical version of Wor of the Worlds.(333 7/25 Roberts-Holland)
 I want to give a special thanks to Allen Roberts in Holland for the above list of interesting stations.terry
 7180 0407 BBC: EE-wld nx pgm, talk on Iran-Iraq.(433 7/21 Leonard-ME)
 9410 1206 BBC: EE-wld nx pgm, talk on Labor Unions.(544 7/20 Leonard-ME)
 9510 1100 BBC: EE-pgm of wld nx.(555 8/6 Peterson-CT)
 9590 2330 BBC: EE-intv w/artist back from Falklands.(544 7/31 Hill-SC)
 11775 1230 BBC: EE-Mx pgm, nx.(444 7/8 Dugway-MA)
 11835 *0200 BBC: EE-OM & YL w/wld nx.(444 7/9 Addison-KS)(Dugway-MA)
 11910 0000 BBC: EE-Nx, off suddenly.(555 7/22 Dugway-MA)
 15070 0115 BBC: EE-Soccer nx, & mx pgm.(434 Langlois-GA)(George-FL) (Kerrigan-IL)(Traver-CA)
 15260 0202 BBC: EE-OM & YL w/pgm of wld nx.(333 7/11 Addison-KS)
 15390 2245 BBC: EE-English by radio directed to SS listeners.(434 7/22 Dampier-NY)
 15420 0549 BBC: EE-OM w/nx & cmtry.(333 8/6 Traver-CA)
 15485 0436 BBC: EE-Mx pgm by the London Symphony.(344 7/6 Ulmer-LA)
 17740 1541 BBC: EE-Saturday Special w/track meet.(343 7/24 Schlesinger-TX)
 21550 1245 BBC: EE-OM w/Sports Roundup & ID.(444 7/20 Hosmer-MI)(Chituck)
 21710 1700 BBC: EE-Nx of miners riot in S.Afr.(444 7/5 Harrell-IL)(Chituck -Italy)

56 reporters this month is far from the record number but its much better than last months when I only had enough material for 4 pages. The support each of you give this column is greatly appreciated.

U S S R	R.Moscow	R.Kiev	R.Tashkent	R.Vilnius	R.Peace & Progress
9580 1640	RM: EE-Cmtry on work pgm, opera mx.(444 7/12				Gayle Van Horn-TX
9600 0028	RM: EE-"Sidelights on Soviet Life"(554 7/13				Ulmer-LA)
9766 0200	RM: EE-Same old stuff.(333 7/3				Dugway-MA)
9800 0100	RM: EE-Cmtry on gas pipeline and US attempts to				sabatage it.
10000 0250	(444 7/23 Langlois-GA) More of the same garbage....				terry
11700 0050	RM: EE-OM w/usual putdown of US. Interfering w/wv.				(444 7/28
	Wilczek-IL)				
11705 1806	RM: EE-OM w/ID, mx, cmtry on 1st flight across the				North Pole.
11735 2330	(433 7/12 Addison-KS)(Ulmer-LA)				
	RK: RR-OM & YL w/nx pgm.(222 8/7 Traver-CA)				
11770 2205	RK: EE-Nx & reports on "Lets Discuss It".(454 7/19				Fraser-MA)
11840 2115	(Ulmer-LA)(Krist-VA)(Kanon-NY)				
11875 1200	RM: EE-OM w/cmtry om USA July 4th.(333 7/4				Addison-KS)
11960 2235	RM: EE-Cmtry on Reagan political problems.(444 7/14				McCants-AL
	RT: EE-Nx & the Mailbag pgm.(222 7/31				Kanon-NY)
	RM: EE-Americans frown upon "opressed people of				Russia"(555
	7/20 Beiter-PA) I had to think about this logging a				few minutes
	to decide whether or not to print it. No reflection				at all on
	the reporter, I'm refering to the content of the				statement.
	It is depressing to me to listen to RM or any other				USSR sta-
	tions because of comments such as these. When will				the media
	reflect the true picture this reporter asks? This is				something
	that I have thought about often. I wish I knew the				answer. What
	can we as Americans do about such propaganada?				...terry
12020 2330	RK: EE-wld nx by OM & YL.(454 7/6				Stephany-NY)(Annis-IN) + 4
15100 1900	RM: EE-"Music At Your Request".(433 7/24				Langlois-GA)
15180 2207	RV: EE-Cmtry on Solidarity.(343 7/29				Grijalva-AZ)
15280 1430	RP&P: EE-Nx, cmtry on farm lands in China.(444				7/18 Hahn-CA)
15295 1840	RM: EE-OM /mx pgm.(242 7/4				Schlesinger-TX)
15375 0500	RM: EE-IS, OM w/ID & nx.(333 7/16				Berri-CA)
15455 1705	RM: EE-YL w/cmtry on Isreal bombing Beirut.(555				7/27 Coleman-MA
15530 0431	RM: EE-typical cmtry on USA.(454 7/6				Ulmer-LA)
17735 1828	RP&P: EE-OM w/ID. Just caught the s/off.(322				8/7 Traver-CA)
17765 1300	RP&P: EE-ID, Nx pgm.(343 8/5				Schulsinger-OH)
17795 1540	RP&P: EE-Usual bull, ID.(444				Stephany-NY)(Kanon-NY)
17850 0533	RM: EE-pgm on Soviet jazz musicians.(545				7/27 Halbert-CA)
21565 1525	RM: RR-ID by YL.(555 7/19				Chituck-Italy)

V A T I C A N	S T A T E	R.Vaticana
6015 0045	RV: FF-Nx pgm, talk by Pope.(544 7/26	Casavant-QUE)(Johnson-IL
6190 2310	RV: EE/II-EZL mx pgm, ID.(fair 7/3	Parks-FL)
9645 0456	RV: EE-Nx, rel mx pgm, IS.(333 7/19	Gayle Van Horn-TX)
11845 *0100	RV: EE-ID, interview w/a Bishop from	Wales.(544 Krist-VA) + 4
15120 2227*	RV: EE-Wld nx by YL.(333 7/25	D'Angelo-PA)(Ulmer-LA)
21485 1124	RV: EE/LT-talk on Pope, rel pgm.(333	7/5 Ross-ONT)

Y U G O S L A V I A	R.Yugoslavia
6100 2230	RY: FF-IS, ID, nx I think.(323 7/19
7240 1447	RY: RR-OM w/talk, ID, & IS.(211 7/18
9620 2214	RY: EE-IS, ID, YL w/nx pgm.(322 7/11
11735 0000	RY: SS-IS, ID, mx pgm, nx.(323 7/18
15240 1600	RY: FF-ID & nx pgm.(222 7/19
15300 1559	RY: EE-Pgm sked in mtr bands,(222 7/18

EUROPE ***** EUROPE ***** EUROPE ***** EUROPE *****

- 1 New test freq for R.Nederland beamed from Madagascar 25790 at 0700.
- 2 R.Denmark does not broadcast in EE, however you can listen for an EE ID at the beginning of their pgms on 15165 at 0000, 1900, & 2200. 17770 at 1300
- 3 Look for a new service of RFI to Latin Amer starting Oct. 1st at 2200, freq is not known. I will let you know as I find out.
- 4 21735 has replaced 15225 at 0830 for Austria in EE, for you night owls.
- 5 7450 is a new freq for R.Vaticana. No time given.
- 6 Look for Greece's R.Macedonia on 15040 at 1700-2115.

Lets talk about editing policy for a moment. This month as well as in the past I have printed loggings that were highly tentative. And I will continue to do so. If you send it in I'm going to use it unless I know beyond a shadow of a doubt that the logging is no good. I could check them with the referencies that I have, but if I checked every tentative logging you would never read this column because it would'nt get in on time. What I'm trying to say if I get around to it is be sure of your ID. The ID is the most important peice of info in any logging so be sure you get it before you write that station in your logbook.

Have a nice September & 73, Jerry

SWBC DX



Radio Television Kaduna

AFRICA

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



FEBA

Seychelles

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

GOOD AFRO DX LATELY...

The last few days have provided some exceptional openings to Southern and Western Africa, and our column this month reflects those fine openings.

Below, is our "By-Time" summary of the hottest DX:

SPEEDX AFRO HOT SHEET

0300	6790	R. Mogadishu
0330	3380	Malawi B.C.
	15385	FEBA/Seych.
0400	3356	R. Botswana
	4911	R. Zambia
	5026	R. Uganda
0430	4845	R. Botswana
	3280	R. Mozambiq.
	9745	R. Cameroon
0500	3930	Capitol Rad.
	4925	R. Ecuador.
0525	3222	R.T./Lama-
		Kara
	3255	ELBC/Liberia
	11940	Africa #1
0615	15185	VoNigeria
0700	5980	SLBS/Sierra
		Leone
	9650	VoR/Guinea
1800	15250	R. Uganda
	17800	VoNigeria
1957	6130	Ghana B.C.
2100	17705	RTVM/Morocco
* * * * *		

COUP ATTEMPT IN THE LAND OF FEBA...

As we go to press, word comes in that rebel soldiers in the Seychelles siezed the government radio station and an army camp on August 17th. No word yet if FEBA/Seychelles was affected by the coup. (Via Chicago Tribune)

CIA eavesdroppers move into Swaziland

The CIA has set up a radio station in Mbabane designed to intercept communications. One likely target is neighbouring Mozambique.

The United States Embassy in Mbabne, Swaziland, has recently become the site of a new broadcast monitoring station run by the CIA.

At least, that is the report from the June, 1982, issue of Africa Now Magazine. According to a story written by Steven Vegh, under an agreement signed August 3, 1981, by Swaziland's Deputy Prime Minister, Senator Ben Nsi-bandze, and the US Charge d'affaires, Jeff Hartly, the US embassy now houses a new office of the Foreign Broadcast Info. Services (FBIS). Officially, the FBIS, which produces daily reports of news monitored from "foreign bcsts, news agency transmissions, etc" and printed media from around the world, is part of the National Technical Information Svc. of the US Dept. of Commerce. According to Africa Now, it is an open secret that the FBIS is really a part of the CIA. The station is the first of its kind in Southern Africa. The CIA has a vast communications HQ for Africa at the US embassy in Monrovia, Liberia and another, smaller station is located at the embassy in Nairobi, Kenya. Apparently, neither of these stations provided ample reception of Southern Africa. According to William Schaap, co-editor of the Covert Action Information Bulletin (CAIB), the FBIS, besides monitoring radio xmtns, also eavesdrops on telephone, teletype and other RTTY communications.

The FBIS staffs and facilities are separate entities from the VOA stations located throughout the world. Interestingly, the VOA has opened a relay station in Botswana (it went on the air---mediumwave only---in Sept. 1981). The US and Botswana share the bcst hours, with the VoA xmtng 6 hrs per day in EE. (continued on last page of SWBC DX AFRICA...)

ANGOLA

- 9535 2245 R. Nacional de Angola; lively mx w/"Luanda" IDs by OM and YL at 2300, 332, 7/11 (Morgan, NC)
- 11955 0532 RN; PP, brief tx by OM and "R. Nacional" ID, then some Afro mx, 433, 8/1 (Sharp, FL)

ASCENSION ISLAND

- 7105 0257 BBC Relay; World Svc, EE, world nx, ID as "Ascension" QRM (Seit-ner, TN)
- 11820 0300 BBC; time bells, SS ID by OM, tx, nx px for several minutes, some EE, 333, 7/28 (Annis, IN)
- 15105 0737 BBC; EE, OM w/mx, morning px to Africa, 344(?) (Johnson, IL)
- 15260 2215 BBC; 2215, discussion on Lebanon (Grenier, CA)
- 15400 1754 BBC; Sx nx followed by world nx at 1800 in EE (Lord, CA); 1700, EE, nx, world svc, 7/18 (Hahn, CA); 2015, EE, world nx, ID by WRTVH listing...(Annis, IN) **Is Ascension. mln.
- 21470 1704 BBC; EE nx, world items (including Lebanon) (Grenier, CA)

BENIN

- 4870 0555 ORTE; Afro pop, FF DJ, 8/3 (Cook, CA); 2210, ID in FF (Sharp, FL)

BOTSWANA

- 3356 0418 R. Botswana; Setswana, Afro vocals, OM w/short tx, //4845, 333 (Cucura, PA); 0420, tx by YL, Afro and pop mx, then ID, 333, but some deep fades, 8/1 (Sharp, FL)
- 4845 0430 R. Botswana; Setswana/EE, nx in EE 0511 prefaced by ID and TC, 2nd ID in newscast (soft voice, copied almost nothing of the news...), fair, 8/3 (Pickard, IL)

CAMEROON

- 4000 0451 R. Bafoussam; Vern, mx px w/ann by hype YL dj; into OM tx at 0500 w/ID, "Ceemonee Cameroon, Radio Bafoussam...", more mx and YL tx, 333, 7/11 (Stephany, NY); 2139, Afro vocals w/some disco and later, tx by OM, 8/3 (Sharp, FL)
- 4850 0438 RN du Cameroon/Yaounde; nx in EE, 0503, Afro mx, OM and YL anmts 353, 7/26 (Wilder Pickard, IL)
- 9745 0430 RN du Cameroon; EE, IS, ID "This is Yaounde," talking followed for several minutes...7/10 (Annis, IN); 2247, FF, OM/YL tx, afro vocals and chants, OM FF ID, no sign of Baghdad...(Sharp, FL)
- 15215 1655 RN du Cameroon; FF, YL tx, inst'l, 1700 ID by YL, never hrd at this time of day before...7/19 (Thompson, CA) **Int'l Svc...mln.

CANARY ISLANDS

- 15365 0310 REE/Tenerife; SS, description of festivals, some for saints, some for winning a battle and where they are mainly celebrated. 433, 7/29 (F. Johnson, IL); 0323, SS, "Buenas noches, desde las Islas Canarias", NA, guitar mx 7/17 (Annis, IN)

CONGO

- 15190 0530 RTVC/Brazzaville; FF, OM tx, Afro mx, continually faded out songs instead of letting them fade out, 7/22 (Dampier, NY)

CENTRAL AFRICAN REPUBLIC

- 5035 2130 LV de CAR/Banqui; FF, Afro mx, positive ID by OM at 2200, then brief tx into mx, irregularly hrd lately...8/1 (Sharp, FL, Dampier, NY)

ECUATORIAL GUINEA

- 4925 0455 R. Ecuatorial; lively uptempo latin pops with guitars, horns and happy vocals...OM patter into new tunes by soft-voiced OM group, gong at top of the hour into YL anmt, 7/28 (Nikelich, IL)
- 6250t 0510 R. Malabo; Afro tunes, buried in the noise, assumed Malabo from the frequency...7/28 (Cook, CA); 0515, px of continuous SS and Afro vocals, ID in SS/Vern by OM, 8/3 (Sharp, FL)

EGYPT

- 9475 0210 R. Cairo; EE, tx by YL, some AA mx, ID as "NA Svc of RC" (Miller, CA); 0245, EE, AA mx til 0300, then nx and cmty (Hosmer, MI) 0220, Nx, cmty, mail px, etc (Koehler, IL)
- 12000 0200 RC; EE, tx by OM and YL, bad hum made signal tough...(Dampier, NY)///

GABON

- 4777 0015 RTVG/Libreville; FF, interview w/2 OM, mention of Libreville in the ID at 0025 s/off, 7/28 (Pickard, IL); 0525, FF, OM w/ Afro mx and FF mx, 7/29 (F. Johnson, IL); 0530 (Cook, CA)
- 4811 0525 Africa #1; Afro pop mx, 0530, OM tx (nx??) 433, 7/28 (Cook, CA) 0520; inst mx, ID as "R. Television Gabonaise" by OM (what, no mention of Africa #1???) 7/11 (Annis, IN)
- 11940 0546 ANO; FF, hi-life mx, FF pops, YL, 0558* (Wilkins, CO, Halbert, CA); 2110, FF, OM and YL w/tx in FF, mx, nx (G. Van Horn, TX)
- 15435 1901 R.France Inter.; nx in brief and tx on PLO (Wilczek, IL)

GHANA

- 3366 0502 GBC-2; nx by OM, ID as "GBC Domestic Svc..." pledge of allegiance to Ghana, mx px w/TCs and OM tx, 354, 7/9 (Stephany, NY) 0500, EE, OM w/prayer, ID, TC and nx, 8/1 (Sharp, FL)
- 4915 2231 GBC; Vern/EE, afro chants(that's a new combo for me. mln), OM ID, nx, into hymn and readings to NA and s/off at 2304 (Sharp, FL)
- 6130 1957 GBC (R. Ghana); EE, tx by OM, preview of px and sked, FL) s/off 2001. I never hrd this before, 8/4 (Sharp, FL)

GUINEA

Hungarian Radio reported on June 25th that a Hungarian-Guinean radio agreement had been signed in Budapest. According to the agreement, there would be an exchange of economic, cultural, scientific, educational and arts programs with the West African nation (BBC Monitoring Svc-World Broadcast Information News--WBI).

- 4910 0635 LV de la Revolution; FF, long tx by OM, ID followed by AFRO vocals...//7125 (slightly better) 353, 7/12 (D'Angelo, PA)
- 9650 0700 LVdlr; FF/EE, trans from FF to EE of some important Anglican Church statement, into IS and description of above in FF by OM, gave address of religious person in Guinea... 444, 7/8 (F. Johnson, IL)**Interesting, EE not noted much from this station. Occasionally in around 1900 GMT on 15308.

LESOTHO

- 4800 0500 R. Lesotho; EE, afro mx hrd, tx, more mx, possible ID by OM, but hard to pull out of QRM at this location (Arvada, CO) **QSLs continue to come in. If you haven't sent your report, ask R. Lesotho for a copy of its "Programme Guide". It will give you a neat insight as to the communications set-up at Radio Lesotho.
- 9515 0511 BBC; EE nx, ID, feature px on Africa, OM tx, mx, QRM from BBC on 9510 kHz (Imagine...interference from their own radio station) (Wilczek, IL)

LIBERIA

- 3255 0512 ELBC/Liberian BS; Vern, OM tx over tribal mx, mention of Zimbabwe, this one presumed...7/28 (F. Johnson, IL); 0530, tx by OM, into lite Afro mx, not hrd in almost 1½ years here in Chicago, 7/28 (Nikolich, IL, Wilczek, IL)
- 4765 0656 ELWA; EE/Vern, distinct IS w/tones and mx, "What a Friend We Have in Jesus..." OM w/ID into Vern, more gospel tunes, 8/1 (Johnson, IL)
- 11830 0714 ELWA; EE, modern gospel mx, IDs "This is ELWA..." (FJ, IL) IL)
- 11915 0613 VoA; EE, "Breakfast Show to Africa" (D'Angelo, PA)

LIBYA

The EE bcst from Radio Jamahiriyah has been retimed and expanded by 30 minutes since it was last reported. The current sked is 2130-2300, try 11815 kHz (BBC MS). And now, the thousands of Libyan loggings...mln.

11815 2130 R. Jamahiriyah; EE, OM nx, mx, then commentary on Green Book: Meaning of Democracy. 7/26 (RJ Coleman, MA); 2215, EE, stories of great Arabs, readings from Green Book (Hensley, TX); 2315, AA, reading Quoran, (Lois McClain, GA) +2

MADAGASCAR

9715 2110 RN Relay; EE, Media Network, report from Sri Lanka, 7/22

11740 1445 RN; EE, more Media Netowrk (Asian Svc) (Shreed-(Wilczek, IL)

21685 2040 RN; EE, news, tx w/man about the Rolling har, India) Stones, 7/13 (Chituck, Italy)

MALAWI

3380 0315 MBC/Blantyre; lang, drums and Afro vocals, ID and TC in EE at 0330, 353, 8/3 (Pickard, IL); 0400, Chichewa, ID, into local mx, ever-present-ute on frequency (Cereghin, MD, Wilczek, IL, Nikolich, IL); 0432, EE, OM DJ w/Afro mx, Malawi nx at ½ past hour with mention of Malawi, several ads by YL (Johnson, IL)

MAURITANIA

4845 0615 RN Mauritanie; FF/AA, islamic chants, FF OM, 8/3 (Cook, CA); 0637, AA vocals, co-channel QRM (Thompson, CA)

MOROCCO

17705*2100 RTVM; AA, TC, full ID mention "Maghribia al Ribat," YL and OM w/mx fills, play presentation by 2 OMs, 7/30 (Stephany, NY)

MOZAMBIQUE

A Radio Mozambique report stated that a Portuguese-Mozambican radio and TV agreement was ratified in Maputo on June 30th. A Soviet radio and TV delegation has also signed a co-operation agreement with the experimental Mozambican television service covering the exchange of television films and programs. (BBC MS)

3280t 0431 R. Mozambique/Beira; tx by OM to 0435, tent. ID, mention of Mocambique, into px of afro pop mx, 8/4 (Sharp, FL) **You've probably never seen as many different spellings of "Mozambique" before...mln.

NIGER

5020 *0530 ORTN; brassy NA, 0529:45, new selection, FF OM w/ID and s/on anmts, 7/25 (Nikolich, IL)

NIGERIA

4770 0541 FRC/Kaduna; EE, nx by OM, also world nx (Annis, IN); 0405, EE, IDs, OM w/relg px, into disco mx, "Morning Beat" px, 7/15 (R. Hesch, NY)

6050 0556 FRC/Ibadan; EE, tribal mx, ID and IS, 0600 nx 8/1 (Wilkins, CO)

7145 0600 R. Kwara; EE nx by OM, mostly local, seemed to be a network feed, into different pxs at 0615 (Nikolich, IL); 0535, afro mx, talking drum IS, 3 pips on hour, ID, "This is Kwara Radio" into nx by OM, 423 (Wilczek, IL)

7255 0535 VoNigeria; EE, ID by OM, nx, 8/4 (Carlson); 0542, EE, commentary on Nigerian oil industry, TC, "News about Nigeria" px (P.Thompson, CA); 0526, EE px (Johnson, IL)

9570 0644 FRC/Kaduna; tribal mx, EE ID and address, then different OM into unknown lang, maybe some kind of commercial... (F.Johnson, IL)

15120 0539 VoNigeria; EE, world nx, commentary, nx about Nigeria, s/off, into FF px (Wilczek, IL); 0711, EE, OM/YL review of current play, into "Nigerian Voices" mx px, 7/19 (Thompson, CA); 1530, EE (Hahn, CA); 1812, EE, tx on nuclear power (Cereghin, MD)

15120 1758 VoNigeria; EE, IS, OM w/ID into sports (Morgan, NC); 1615, EE, ID, TC, "Musical Echoes" px (Ulmer, LA)
15185 0615 VoN; EE, ID, OM tx on academics, 7/18 (Hotaling, NV); 0615, EE (Annis, IN); 0618-0625, EE (D'Angelo, PA)
17800 1812 VoN; EE, fluttery and weak, tx on nuclear power (Cereghin, MD); 2134; EE, OM w/nx in EE, //15120 (Farmer, TN)

NAMIBIA

4965 0210 R. SWA; Afrik/EE, lite, varied mx, QRM from R. Santa Fe, 323, (Sharp, FL)

SEYCHELLES

15325 1245 FEBA; Tamil, relig play and songs, 544 (Shreedhar, India)
15385 0327 FEBA; AA, IS, s/on, mx and tx, OM and YL (Wilkins, CO)

SIERRA LEONE

5980 0653 SLBS/Freetown; EE, Afro mx, 0659, ID, TC at 0700, national nx, obits at 0717, legal notices at 0725, 7/12 (D'Angelo, PA)+2

SOMALI REPUBLIC

6790 *0300 R. Mogadishu; AA, NA by marching band, OM w/s/on ID, very clear, gave frequencies, Koran chants followed (D'Angelo, PA+3)

SWAZILAND

5055 0342 TWR; several IDs in EE during tuning signal, into relig px in lang at 0345, 8/11 (Pickard, IL)
7295 0430 TWR; EE, hymns and gospel readings, sermon, all by OM, no ID noted until top of the hour (Sharp, FL); 0445, EE, mx was hrd, then ID by YL (Annis, IN)

TOGO

3222 0527 R. Togo/Lama-Kara; l31, IS, //5047, into lcl instrumentals, programming did not seem to be in parallel (Nikolich, IL)
5047 *0526 RT; FF, chime IS, NA, OM ID in FF (Wilczek, IL)

TRANSKEI

Capital Radio announced in a phone-in program that it would be xferring its studios from Port St. Johns to the Transkei capital Umtata. The xmtr would remain in Port St. Johns. (BBCMS)

3930 0505 Capital Radio; "Rapture" by Blondie, DJ in EE, QRN, 7/28 (mln)

TUNISIA

7225 0430 RTVT; AA, Afro mx w/tx under heavy SSB (Annis, IN)+1

TANZANIA

A Radio Tanzania Zanzibar report of 6/23 that Japan had given the Ministry of of Information, Broadcasting and Television 20 thousand dollars of TV equipment. (BBCMS)

5050 0340 Radio Tanzania; Hi-life mx, tx in lang, EE ID 0400, possible EE nx at 0400, RTTY QRM, 7/9 (Parks, FL)

UGANDA

5026 0400 R. Uganda; 333, OM w/EE nx, accent made intelligibility quite difficult (Nikolich, IL, Pickard, IL)

15250 1838 RU; EE, EZL mx, "Button Up Your Overcoat" (Hesch, NY)

15290 1900 RU; EE, IS, tx by YL, mx constant audio problems ID'd by IS (Sharp, FL)

15325 0400 RU; noted as early as 0300 in EE by (Norcross, CA+2)

ZAIRE

5067v 0340 R. Candip; Hilife and native mx, did hear ID at 0350, RTTY QRM (Parks, FL, 7/18)

ZAMBIA

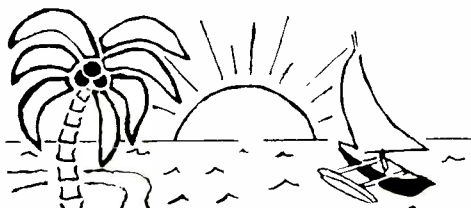
4911v 0357 Zambia BS; fisheagle IS, OM tx in EE/Vern, tough copy, 7/31 (Wilczek, IL, Sharp, FL)

CIA EAVESDROPPERS IN SWAZILAND

One particular target of the new FBIS station may be neighboring Mozambique. The distance between Mbabane and Maputo is less than 200 kilometers away. This monitoring effort would be attributed to the fact that six CIA agents were expelled from Mozambique March 4, 1981. One of the six was a telecommunications expert. The info from the Maputo agency was passed on to South African army and intelligence agencies and directly aided the South Africans in their Jan. 30, 1981 attack on African Nat'l Congress residences in Matola, near Maputo, where 13 ANC exiles were killed. (Via Africa Now, 6/82)

ASIA-OCEANIA

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

Democratic Republic of AFGHANISTAN

3965 *0125 R. Afghanistan-Px 1: AA; s/on, odd sounding AA chants, cries, wails, moans, ID Mx (333 8/1 George-FL)
9665 *1900 RA-via USSR: EE; Nx OM, Mx, Px on aims of the revolution editorial OM // 15077 (343 7/25 Roberts-HOLLAND)

People's Republic of BANGLADESH

15280 1235 R. Bangladesh: EE; Nx (322 7/23 Shreedhar-INDIA)
(122 6/30 Dampier-NY)

Socialist Republic of the Union of BURMA

4725.5t 1210 Burma Broadcasting Sce-t: Burmese?; sounded like possible nx, several mentions of Rangoon, Eastern type mx
(232 7/1 Moman-ALB)

People's Republic of CHINA

4045 1235 Fujian Front Station-Px 1: Amoy; YL Tx, // 5240, 5265 (333 7/28 Hotaling-NV)
4380 1215 FFS-Px2: Amoy: OM Tx, instrumental Mx, Vocals (454 7/28 Thompson-NM)
4975 1220 Fuzhou PPBS, Fujian: CC; OM Tx // 4990 Changsha, Hunan (333 7/28 Hotaling-NV)
5265 1140 FFS-Px 1: Amoy; YL Tx (222 7/26 Grenier-CA)
6890 1255 CPBS-Px 2: CC; OM/YL Singing, YL Tx (333 7/26 Grenier-CA)
7025 1045 FFS-Px 2: Amoy; YL Singing (222 7/25 Grenier-CA)
9170 1314 Broadcast to Minority: Tibetan; YL, Mx (223 7/14 Miller-CA)
10245 1438 CPBS-Px 1: CC; YL Tx (222 7/29 Grenier-CA)
11040 1154 CPBS-Px 2:CC; Mx Px, YL Tx // 11330 (333 7/16 Cereghin-MD)
11330 1155 CPBS: Pxl: CC; Mz Pz, YL Ann // 11040 (322 7/16 Cereghin-MD)
11505 1540 R. Peking; Persian; OM Tx, Mx Px (334 7/12 Miller-CA)
15435 0830 R. Peking: EE; Nx, Cmty, Letterbox (222 7/20 Hahn-CA)
15520 1219 RP: EE; Sports Px, "Culture in China" (444 7/22 Ulmer-LA) (1230 433 7/20 Hosmer-MI)
15880 2020 RP: EE; YL, Px details, s/off mx, BX to West Africa 323 7/18 Berri-CA)
17680 *0000 RP: EE; s/on, ID, World Nx (343 7/20 Famularo-NJ) (0011 433 7/11 Morgan-NC)
17855 0300 RP: EE; Nx, ID, Cmty on US Relations with China thru History (444 8/6 Ward-WY) (332 7/27 Greenbauer-AZ) (0300 444 7/18 Hahn-CA)

Republic of CHINA (Taiwan)

11740? 0402 Voice of Free China: SS; OM, ID, Fx, YL Nx, ID, Nx Sports (444 7/13 Kerrigan-IL)
11745 0900 VOFC: CC; ID, Tx by YL, Mx, OM Tx (444 7/15 Miller-CA)
15125 0900 VOFC: EE; s/on IS Bells, (243 7/10 Andrew-LA)
15225A 1610 WYFR/Relay: EE; Religious Px, Totally koed by BBC (422 7/21 Shreedhar-INDIA)

Republic of CYPRUS

7230 2244* Cyprus Broadcasting Corp: Greek; Greek Mx // 9635
slightly better (433 7/24 D'Angelo-PA)

Republic of INDIA

11810 1330 All India Radio: EE; Nx (222 6/15 Dampier-NY)

Republic of INDONESIA

3215 1052 RRI Manado: Indo; Pop Mx (211 6/5 Dampier-NY)
3345t 1059 RRI Ternate-t: Indo; time pips, ID YL but covered (222
7/1 Moman-ALB)
4719 1225 RRI Ujung Pandang: Bahasa Indo; YL, Indo pop Mx, OM
(222 7/16 Hotaling-NV) (1206 343 7/1 Moman-ALB) (1045
212 6/12 Dampier-NY)
4764 1016 RRI Medan: Indo, Mx (211 6/5 Dampier-NY)
4774 1210 RRI Jakarta (Px Khusus): Indo; Pop Mx, ID, (222 6/4
Dampier-NY)
4875 1132 RRI Sorong: Indo?; Pop Mx (212 6/1 (Dampier-NY)
5046 1144 RRI Yogyakarta: Indo/EE; Last minute of EE px, ID, local
time, into INDO at 1146 (212 6/30 Dampier-NY)
6187v 1040 RRI Manokwari: Indo, Mx, National Net ID (112 6/5
(Dampier-NY)
9612 0834 RRI Jayapura: Indo; EE Pops, ID YL, YL Tx (422 7/20
Wilkins-CO)
11770? 1200 RRI Jarkarta: Indo; IS, Clear ID, OM, OM Tx nx? (222
7/30 Grenier-CA) (1130 Fr 7/22 Parks-FL)
11790 1400 Voice of Indonesia: EE; Nx, OM Tx on Allah Mx (443 7/23
Hensley-TX) (1405 433 7/23 Jamieson-CA) (1410 332
7/19 Ulmer-LA) (1410 333 7/12 Annis-IN) (1401 433
6/29 Moman-ALB)
15150 1925 RRI Jakarta: ? Lang; OM Tx, clear mentions of Djakarta
and Indo, nx? (343 7/16 Annis-IN)

Islamic Republic of IRAN

9033a?1930 Voice of the Islamic Republic of Iran: EE; YL ID,
readings from Quran, Mx, Px Notes, OM Nx in Brief
(434 7/25 Roberts-HOLLAND)

State of ISRAEL

9815 0221 Kol Yisrael: EE; YL tx on Horticultural exhibition
(434 7/30 Johnson-IL) (0000 444 7/26 Kobylski-MD)
11640 *0200 KY: EE; IS, ID, Wld Nx by YL, Cmty Px (455 7/28
Stephany-NY) (0104 222 7/28 Grenier-CA) (2244
444 7/20 Beizer-PA) (*0000 544 7/13 Black-MA) (*0200
333 7/1 Addison-KS)
11655 0200 KY: EE; Nx on Lebanon (544 7/5 Harrell-IL)
15485 0100 KY: EE; IS, Time pips, ID, Fx, Nx, Vocals, Mx,
0155* (454 7/31 Thompson-NM)
15585 0512 KY: EE; Nx, Tx on PLO Issue, Wx, FF 0515 (222 7/31
Grenier-CA) (0500 222 7/31 Hahn-CA) (0000 444 7/23
Lord-CA) (0022 555 7/12 Kobylski-MD) (0218 243 7/10
Costin-AUSTRALIA) (*0200 233 7/7 Addison-KS) (*0000
554 7/7 Black-MA)
17630 *2000 KY: EE; OM Nx, ID, Roundup of the Press, Letters
from listeners, "DX Corner" (454 7/18 Hesch-NY)
17785 1842 Reshet Bet?: Hebrew; OM, Mx, TC, IS, Trumpets, YL
"Shalom, Nx, Begin Speech: (222 8/7 Traver Smith-CA)

JAPAN

3910 1130 Far East Network: EE; Rock n roll mx, ID YL, mention
of Tokyo, more mx (Poor/Fair 7/25 Grijalva-AZ)
6055 1025 JOZ 2/Nihon Shortwave Broadcasting Co. Ltd: JJ; OM Tx
//3925 (333 7/20 Hotaling-NV)
9505 1800 R. Japan: JJ; OM Nx (322 8/7 Traver Smith-CA) (*0900
323 8/5 Stephany-NY)
9595t 0910 JOZ3/NSB: JJ; Rock Mx, OM, ID? 0930, (222 8/3
Stephany-NY)
11705 1310 RJ: EE; Nx, severe co-channel QRM from R. Australia
(422 7/23 Shreedhar-INDIA)
11780 2025 RJ: EE; RJ: E/N African Sce, Nx about Africa ID YL
(344 7/16 Annis-IN)

JAPAN Con't

11815 *1300 RJ: EE; IS, ID, NA, Nx OM, Cmty OM ID (343 7/30 Stephany-NY) (1458 434 7/11 Annis-IN)
 11875 1020 RJ: EE; Vocal Mx, Mailbag Px, YL OM (252 7/11 Welch-MA)
 15195 0705 RJ: EE; World/Local Nx, OM, story on paralyzed pregnant YL who delivered by C section (333 7/4 Kerrigan-IL)
 17755 1935 RJ: EE; JJ Language Lesson/ mx, ID, Nx (352v 7/22 Famularo-NJ) (2305 333 7/11 Addison-KS) (1920 343 6/6 Cucura-PA)
 17775? 2100 RJ: EE; Nx (544 7/17 Lord-CA)
 21610 0015 RJ: EE; Dx Px, OM/YL, Cmty (332 7/27 ?)

People's Republic of KAMPUCHEA

9694 1230 Voice of the People of Kampuchea: ? Lang; Trumpet Mx, ID, Mx, silence 1243-1245 (Fr 7/25 Grijalva-AZ)
 11938 1200 VOPK:EE; Patriotic Mx, ID, Nx, Cmty YL, FF 1215 (Pr/Fr 7/21 Parks-FL) (1200 322 7/13 Sharp-FL) (1200 333 6/2 Dampier-NY)

Democratic People's Republic of KOREA (North)

4273v 1227 Choson Chungang Pangson/Kanggye: KK; YL Tx, Martial Mx (222 7/28 Hotaling-NV)
 6540 1048 R. Pyongyang: KK; Anthem, OM Tx (333 7/25 Grenier-CA)
 9977 1109 RP: EE; Nx OM/YL, ID, Cmty, Mx, ID, Px on Fight against Japanese in WWII (354 8/5 Stephany-NY) (1100 344 7/3 Wilczek-IL) 1710 544 7/22 Shreedhar-INDIA)
 15245 0800 RP: EE; IS, "ID", TX (433 7/23 Annia-IN) (please note secret may be to use right country--you noted this as Rep. of Korea, please note difference!)

Republic of KOREA (South)

6135 1305 R. Korea: EE; Nx, Cmty on French Ministers visit to RoK (222 7/30 Grenier-CA) (1300 334 7/13 Miller-CA)
 9570 1031 RK: EE; ID, OM tx on rules of contest, 2 YL's with "Friday's SW Feedback" Px, Tx to NA, SA (453 7/25 Hesch-NY) (*1000 354 7/31 Stephany-NY)
 9720 1415 RK: EE; Orch. Mx, Cmments, Time, Fx Sked, ID, KK 1430 (454 7/20 Thompson-NM) (1359 444 6/29 Moman-ALB)
 9729? 1330 RK: EE; s/on, Nx (332 7/18 Speer-CA)
 9876 1130 RK: EE; Nx OM, YL Nx Cmty, KK Lang Lesson, SW Feed Back Px (334 7/23 Miller-CA)
 11830 1607 RK: EE; Cmty on Japan changing their school tx to leave out JJ attacks on Korea and China in WWII--KK seems hot about this! (343 7/30 Farmer-TX) (1640 434 7/16 Zolla-CA)

State of KUWAIT

11675v 2000 R. Kuwait: EE; Long history of Dr. Hook Rock band with musical samples, ID (323 7/29 Sable-NY) (1833 322 7/24 Black-MA) (1833 343v 7/15 Famularo-NJ)
 15495 0356 RK: AA; OM IN AA Tx, Time Ticks on hour (334 7/19 Gayle Van Horn-TX)

LAO People's Democratic Republic

6348? 1003 Xieng Khouang: ? Lang, Nx OM, Patriotic Mx, Nx OM/YL Tx (232 7/29 Cereghin-MD)

MALAYSIA

(Peninsular)
 7295 1010 RTM/Penang: EE; Rock Mx, Jazz; YL, ID?, Mx format (343 8/3 Stephany-NY)
 9515 1120 RTM/Kuala Lumpur: Malay; Wierd combo of chants, Indo type Mx, AM Rock YL, ID, OM Nx (Fr 7/15 Parks-FL)
 11990 1130 RTM Kuala Lumpur: CC; OM YL, Mx, Nx (444 8/13 Jamieson CA)
 15295 1600 Voice of Malaysia: AA; Mx (544 7/21 Shreedhar-INDIA) (0825 333 7/13 Sharp-FL) (423 6/15 Dampier-NY)

MALAYSIA Con'tSarawak

4895 1225 RTM-Sarawak/Kuching: ? Lang; OM Tx, Local Mx, ID
Green Network // 5005 (322 7/29 Hotaling-NV)

4950 1230 RTM-Sarawak/Kuching-Red Network: CC; CC Tx, Orch Mx
Vocals (454 7/30 Thompson-NM) ((1120 222 7/9 Hotaling-
NV)

5005 1307 RTMS/Sibu-Green Network: ? Lang; Nx?, YL, OM Tx (322
7/29 Grenier-CA) (1159 222 6/28 Moman-ALB)

7160 1030 RTMS/Kuching-? Network: Malaysian; Pop Mx, (232 7/30
Lord-CA) (1415 444 7/29 Grenier-CA)

Sultanate of OMAN

11890 1000 R. Oman: EE; ID, Nx, Mx (211 6/16 Dampier-NY)

Republic of PHILIPPINES

9580v 0950 DUR2/Radyo Pilipinas: EE; Mx, YL, Mx, tx YL used to
be associate SPEEDX member (434 7/29 Miller-CA)
(1030 GG/Pr 7/23 Parks-FL)

9670? 1430 R. Veritas Asia:EE; feed back listeners letters, YL
Mx, World Nx YL (443 7/9 Miller-CA)

11155! 1450 RVA: EE; heard on this fx only this day?, "Inventions
Px" on the birthing chair, ID, OM Nx (444 7/22
Thompson-CA)

11720? 1230 RVA: JJ; JJ Tx YL, Pop Mx, YL/OM (244 7/20 Miller-CA)

11760 0949 RVA: ? Lang; s/off anmt, ID, Address, Fx 0950*
(333 6/29 Moman-ALB)

11890 0900 Far East Broadcasting Co: EE; fluttery, ID, religious
Px (222 7/29 Cereghin-MD)

11955 1455 RVA: EE; World Nx, OM, ID OM/YL, Tx closed 1500
(333 8/4 Carlson-WA) (1410 444 7/10 Annis-IN)
(1430 333 7/25 Speer-CA)

15440? 1245 FEBC: EE; Full details about FEBC (544 7/23 Shreedhar-
INDIA)

17810 0035 FEBC: EE; Nx, OM, ID, Nx YL, ID, Religious Mx
(333 8/4 Ward-WY)

QATAR

15505 2100 Qatar Broadcasting Sce: AA; Clear ID "Doha" Heard
Tx fld by OM/YL, Mx, Tx (333 7/15 Annis-IN) (1902
353 7/8 Welch-MA)

Kingdom of SAUDI ARABIA

7235 0500 BSKSA: FF; ID, Short Amn, chants (222 7/25 Cereghin-MD)

15060 0437 BSKSA: Turkish; OM AA/ME Mx OM/YL Soloists (333 8/6
Traver Smith-CA) (0407 344 7/11 Annis-IN) (2314 555
6/25 Chituck-ITALY)

15060 2300 BSKSA-Holy QURAN Px: AA; AA Tx, ID, OM, drama (545
7/12 Sharp-FL)

Republic of SINGAPORE

6000 2300 R. Singapore: Tamil/CC; AA walls, Tx in Tamil, Ad for
Toyota, ID (524 8/1 George-FL)

11750 1547 BBC/Far Eastern Relay: EE; YL Review of book, OM/YL
on Int'l Education Conference (444 7/21 Thompson-CA)

11940 1445 RS: EE; Orch Mx, Vocals, TC Time Pips, Nx (454 7/30
Thompson-NM) (1115 333 7/13 Jamieson-CA) (1601
343 7/10 Uimer-LA) (1445 344 7/10 Annis-IN) (1416
311 6/29 Moman-ALB)

11945? 1429 RS: EE; "YL Mx (343 7/9 Zolla-CA)

11955 1548 BBC/FE Relay: URDU; Solid Nx, Cmty, 2 OM, "Yeh BBC,
London Heh? at 1600 (433 7/21 Palmer-WA)

Democratic Socialist Republic of SRI LANKA

9720 1230 Sri Lanka Broadcasting Corp: EE; Time Ticks, Mx, YL
ID, Mx, Tx (222 7/12 Gayle Van Horn-TX)

11800 1130 SLBC?Adventist World Radio: Tamil: TS, Px (444 7/18
Adrian Peterson-MI)

11835 *1100 SLBC/AWR: EE; ID, "Station Profile", "Publications
Review", "Letterbox", "How to QSL", (334 8/1 Stephany-
NY) (1100 444 7/18 Adrian Peterson-MI)

THAILAND

9655 1049 R. Thailand: Thai/EE; Thai Mx, EE ID, OM Tx, Nx, Cmty splatter from VOA (Fr/Pr 7/16 Parks-FL)

TURKEY

11900? 2210 Voice of Turkey: EE; Tx on politics, ID, Turkish Mx (444 7/27 Famularo-NJ) (2200 444 7/25 Fraser-MA)

UNION OF SOVIET SOCIALIST REPUBLICRSFSR-Far East

4485 1230 Petropavlovski/Kamchatsvy: RR; Piano Mx, OM, Orch Mx, Px of classical Mx (454 8/2 Thompson-NM) (1028 Fr/Pr 7/27 Wilczek-IL) (1108 Gd 7/24 Parks-FL) (1045 223 6/16 Dampier-NY)

11755 1814 R. Moscow/Vladivostok: EE; OM Tx about RR School workshops (322 8/7 Traver Smith-CA)

15180 0513 RM/Khabarovsk: EE; OM Can't understand why the US lets the war in Lebanon continue (433 8/6 Traver Smith-CA)

Uzbekistan

15460 *1200 R. Tashkent: EE; IS, ID OM, Fx Ck; Nx OM, Cmty, ID (252 7/30 Stephany-NY) (1400 222 7/12 Gayle Van Horn-TX)

UNITED ARAB EMIRATES

7255 0530 UAE Radio: EE; Afro Nx in EE OM, ID (444 7/23 Annis IN)

15320 0329 UAE Radio" EE; ID, pips, TC. Mx (333 7/11 Wilczek-IL)

17775 0330 UAE Radio: EE; YL Nx, YL ID, Call for reports, OM cmty (333 8/7 Ward-WY) (0345 434 7/23 Annis-IN) (0330 232 7/21 Norcross-CA) (0333 555 7/19 Gayle Van Horn-TX) (0340 333 7/17 Smith-FL)

Socialist Republic of VIETNAM

10010 1405 Voice of Vietnam:CC?: Tx, Instrumental Mx, Vocals (444 7/25 Thompson-NM)

10040 1400 VoV: JJ; OM Tx, YL, Px of Mx 1430* (222 7/12 Sharp-FL)

10080 1108 VoV: EE; Kampuchea Tx, ASEAN Nations, China, ID, VV Mx (332+ 7/21 Famularo-NJ)

15010 1409 VoV: JJ; OM YL Tx on?, Mx interludes (444 7/30 Jamieson-CA)

YEMEN ARAB REPUBLIC

9780 0152 R. San'a: AA; AA Mx, OM, Tx, (434 7/19 Ulmer-LA) (0400 444 7/13 Sharp-FL)

ANTARCTICAArgentinian Sector

15476 2230 LRA36/R. Nacional Arcangel San Gabriel: SS; Nx, Mx (222 7/21 Dampier-NY)

Commonwealth of AUSTRALIA

4920 1100 VLM4/Wanneroo-Australian Broadcasting Corp: EE; ABC Nx (253 7/18 Adrian Peterson-MI)

5995 1111 R. Australia/Lyndhurst: EE; Nx OM, ID, News Magazine Px (354 7/31 Stephany-NY)

6005 1710 RA/? : EE; Nice Mx (544 7/23 Shreedhar-INDIA)

6040 1430 RA/? : EE; Mx, Interview with Australian canoeist who is a paraplegic (333 7/31 Hahn-CA)

6045 1010 RA/L: EE; YL, Rock Mx, ID (222 7/20 Hotaling-NV)

6090 1155 VLI6/L--ABC:EE; Px on ABC Orch. ID Nx (Fr 7/9 Parks-FL)

AUSTRALIA. Con't

6140 1410 VLW6/Wanneroo--ABC: EE; World Nx, TC, West. Aust
nx // 9610 (242 6/29 Moman-ALB)

9570 0705 RA/Shepparton: EE; World Nx of Asia and Africa OM (444
7/15 Annis-IN)

9580 1130 RA/S: EE; YL Nx, Mx (454 8/6 Peterson-CT)

9610 0900 VLW9/Wanneroo/--ABC: EE; World/Australian Nx OM (444
7/27 Annis-IN)

9680 0659 VLR9/L--ABC: EE; OM With Sports Px, Tx, Reports on rugby
(243 7/31 Johnson-IL) (1206 353 7/28 Stephany-NY)

9760 0936 RA/S: EE/Neo Melan: OM Local Nx, International Nx, ID
Tx to Papua New Guinea (454 7/28 Hesch-NY)

9770 1705 RA/S: EE; OM WOrld Nx, Australian Nx, (333 7/20
Roberts-HOLLAND)

11770 0757 RA/S: EE; Mx, ID, Wx Mx, time check, Jingle, Fx
(433 7/4 Leonard-ME)

11775 0730 RA/S: EE; Nx, Mx, Rob's Choice Px, Mx, Tx (555 7/23
Duguay-MA) (0900 454 7/10 Welch-MA)

11820 1100 RA/S: EE; Australia Tonight (544 7/15 Kobylski-MD)

15160 0615 RA/L: EE; Spectrum DX Px, DX Tips, Convention Info, ID
TC // 15240 (434 7/22 D'Angelo-PA) (0600 343 7/17
Mountain-BC) (0606 433 7/4 Johnson-IL) (0455 433 8/6
Traver Smith-CA)

15240 0618 RA/L: EE; Rodger Wittaker, Mx, Talk about Medicine
ID, Fx (3+33 7/12 D'Angelo-PA)

15320 0535 RA/S: FF; YL, Lots of Tx, not nx Mx (444 8/6 Traver
Smith-CA) (0400 454 7/7 Tom Smith-FL)

17795 0405 RA/S: EE; World Nx, OM, ID, Australian Nx (333 8/4
Carlson-WA) (0417 344 7/28 Johnson-IL) (2303 333
7/27 D'Angelo-PA) (0205 322 7/25 Pfeffer-NY) (0340
544 7/24 Harrell-IL) (0330 353 7/24 Welch-MA) (0310
544 7/23 Hensley-TX) (0420 333 7/19 Gayle Van Horn-TX)
(0147 353 7/12 Halbert-CA) (0200 333 7/4 Duguay-MA)

21525 -524 RA/S: FF; Pop Mx, Letters Px, recipes, YL?OM (433
7/31 Halbert-CA)

21650 0345 RA/S: EE; Station ID, Fx, Nx (232 6/22 Chituck-ITALY)

21680 0341 RA/S: EE; Australian inventions Px, ID (343 6/27
Chituck-ITALY)

21735 0230 RA?S; EE; "Walkabout" item about white water rafting in
Australia, sports, OM ID (555 7/9 Zolla-CA)

21740 0130 RA/S: EE; Band, Orch Mx, Vocals, World Nx, Aust.
Nx in brief, Four corners (454 7/30 Thompson-NM)
(0004 7/29 D'Angelo-PA) (0300 322 7/24 Hill-SC)
(0217 242 7/11 Messineo-MA)

COOK ISLAND

11760 0732 Cook Island Broadcast & Newspaper Corp: EE/Maori?;
OM ann, mainly in Maori?, Pop Mx, Rock songs,
(222 7/12 Wilczek-IL) (0856 333 7/20 Wilkins-CO)
(0832 433 7/11 Sharp-FL)

GUAM

9535 1432 KTWR: EE; "Unshackled", Children's Bible Hour (323
7/31 McLain-CA)

9590A 1200 KTWR: ? Lang; end of IS, ID, into religious px (544
7/11 Sharp-FL)

11840 0830 KTWR: EE; "Thru the Bible" Px (454 7/20 Wilkins-CO)
(0802 343 7/6 Johnson-IL)

11920 1445 KTWR: EE; DX Px (221 7/31 Speer-CA)

NEW CALEDONIA

7170 1031 FR3/Noumea: FF; Pop Mx countdown, FF, s/off list of
fx 1102* (354 7/31 Stephany-NY) (0753 444 7/27 Wilczek-
IL) (0704 222 7/19 Gayle Van Horn-TX) (0704 344 7/18
Johnson-IL) (0643 343 7/17 Norcross-CA) (1059 444
7/3 Moman-ALB)

NEW ZEALAND

- 11960 1130 R. New Zealand: EE; Mx Px till 1200, ID OM (232 7/20 Hosmer-MI) (1000 353 7/10 Welch-MA)
- 15485 0636 RNZ: EE; Very funny Cmty on Misuess of EE Lang, Inst'l Mx, TC ID, Mx (443 7/30 Thompson-CA) (0606 433 8/6 Traver Smith-CA) (0355 333 7/30 Jamieson-CA) (0416 354 7/27 Stephany-NY) (0400 353 7/24 Welch-MA) (0600 343 7/15 Annis-IN) (0609 343 7/8 Ulmer-LA) (0603 344 7/20 Farmer-TN) (0444 353 6/6 Cucura-PA)
- 17705 0537 RNZ: EE; Px about a food competition (555 7/27 Halbert-CA) (0420 333 8/4 Carlson-WA) (0400 344 7/24 Harrell-IL) (0300 311 7/23 Hensley-TX) (0407 434 7/19 Gayle Van Horn-TX) (0647 342 7/17 Norcross-CA) (0432 533 7/13 Sharp-FL) (0328 343 6/27 Moman-ALB)

PAPUA-NEW GUINEA

- 2340 1155 R. West New Britain: Pidg; "Mx, EE Pops, Tribal Mx, OM, TC (232 8/2 Wilkins-CO) (1122 333 6/29 Moman-ALB)
- 2376t 1123 R. Chimbu: Pid; "Heartaches by the Number" a local version (222 6/29 Moman-ALB)
- 2428t 1124 R. Manus: Pid; "EE Songs, OM Dj, titles, c/w Mx (222 6/29 Moman-ALB)
- 2450 1132 R. Western Highlands: Pid; Misc EE Tunes, Mostly c/w OM (222 8/2 Wilkins-CO) (1124 222 6/29 Moman-ALB)
- 2468t 1126 R. Popondetta: Pid; local group singing, noted everying tuned in, no tx, no id (222 6/29 Moman-ALB)
- 3205t 1201 R. West Sepik: Pid; YL Tx (121 6/29 Moman-ALB)
- 3260 1050 R. Madang: Pidgin, OM Tx, ID (333 7/28 Nikolich-IL--Yes I saw the P/NG art. in National Geographic-ed.) (1148 333 6/29 Moman-ALB)
- 3275 1200 R. South Highlands: Pid; ID YL (211 6/29 Moman-ALB)
- 3290t 1159 R. Central: Pid; local group singing, tx-nx? (222 6/29 Moman-ALB)
- 3305t 1204 R. Western: Pid; Tx Nx? (222 6/29 Moman-ALB)
- 3322.5 0922 R. North Solomons: Pid; Fast OM Ann, Local mx, static ID (? 7/3 Wilczek-IL) (1212 333 7/3 Moman-ALB)
- 3335t 1154 R. East Sepik: Pid; V C/W Mx US style (322 6/29 Moman-ALB)
- 3385 1105 R. East New Britain: EE; Nx. tc, c/w mx (444 6/30 Moman-ALB)
- 3905 1035 R. New Ireland: ? Lang ; local group melodies, rock tc previews of nx, cw mx (232 7/28 Nikolich-IL)
- 4890 0804 P2T4/Port Moresby: EE; Pop Mx, ID (232 7/17 Norcross-CA) (1220 444 7/2 Moman-ALB)
- 9520 0758 P2T9/Port Moresby: EE/Pid; ID, Tc, ID, World Nx in EE then Pid, Tc, tx on church activities (353 8/1 D'Angelo-PA) (0701 322 8/1 Johnson-IL) (0809 354 8/3 Stephany-NY) (0803 444 7/14 Mountain-BC)

POLYNESIA (French)Tahiti (Society Islands)

- 6135 0634 R. Tahiti: Tahitian; Continuous S. Pac, Mx, ID (422 7/11 Sharp-FL)
- 11825 0634 RT: Tahitian; OM, Nx?, US Mx from late 40's/50's (434 7/31 Johnson-IL) (0545 433 7/17 Norcross-CA) (0520 334 7/14 Miller-CA) ((0646 45 7/12 Halbert-CA) (0531 444 7/11 Sharp-FL) (0332 343 6/27 Moman-ALB)
- 15170 0304 RT: Tahitian: Island Mx (444 7/25 Hill-SC) (0505 433 8/6 Traver Smith-CA) (0646 454 7/20 Wilkins-CO) (1703 343 7/19 Thompson-CA) (0718 344 7/18 Johnson-IL) (1517- 434 7/11 Sharp-FL) (0530 444 7/15 Annis-IN)

SOLOMON ISLANDS

- 5020 0804 Solomon Islands Broadcasting Corp: EE; Mx, ID, Nx Tx on development of islands, tx on church (333 7/8 Johnson-IL) (0837 322 7/10 Sharp-FL) (1108 343 6/28 Moman-ALB)
- 9545 0755 SIBC: EE/PID; Mx, ID, YL, PSA, OM Nx, PSA, "SI PReport" (354 8/4 Stephany-NY) (0611 433 7/30 Thompson-CA) (0715 454 7/20 Wilkins-CO) (0645 343 7/15 Annis-IN)
- My time has come to end--thanks to all who filled space-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 month of September, the beginning of a new DX season as static levels fall and darkness arrives earlier each day. This month also starts the new S82 broadcasting period. It takes effect on the 5th of September and lasts until the first Sunday in November. Please send all new schedules in as soon as possible so we may have them in time for the next issue.

Unless otherwise stated, schedules are for English programs, times are in GMT. Schedules credited to the "BBCMS" are copyrighted by the BBC's World Broadcast Information Division and are used by permission.

On to the skeds:

BELGIUM. Here is the S82 sked for the Belgsche Radio en Televisie in Brussels. Effective on the 26th of September until the 6th of November.

1400-1445a	21525	North America
	21810	Far East
1915-2000	7335	Europe
	17595	Africa
2200-2245a	7335	Europe
	17595	Africa
0030-0115	11695	North America
	15360	South America

a = Not on Sunday.

(R. Yajko, R. Zilmer)

ECUADOR. Radio Station HCJB in Quito sends this September-October 1982 schedule, valid for the S82 period.

0030-0130	15180	North/South Am.
0030-0200	17890	North America
0030-0500	15155	"
0030-0700	9745	"
0600-0730	11810	Europe
	15225	"
0700-1030	9745	South Pacific
0700-1100	6130	"
	11925	"
0500-0700	6095	North America
	11910	"
1200-1430	11740	"
1200-1530	15115	North/South Am.
	17890	North America
1730-1800	17865	Europe
	21480	"
1900-2000	17865	"
	21480	"
2130-2200	15340	"
	17865	"
	21480	"

(direct)

GREAT BRITAIN. The BBC World Service gives this schedule for the Americas in the September edition of London Calling.

0030-0330	9505	via Delano
	11835	Great Britain
0230-0630	9410	"
0430-0915	9510	Antigua
0900-0915	6195	"
1100-1330	6195	"
	9510	Sackville
	11775	Antigua
	15215	Great Britain
	21550	"
1100-1745	15070	"
1300-1745	21710	"
1500-1615	9740	Singapore
	11750	"
1500-1745	15260	Sackville
	15400	Ascension
	17830	Sackville
2000-2245	21710	Great Britain
2000-0230	15070	"
	15260	Ascension
2000-0730	6175	Antigua
2200-2300	11750	Great Britain
2200-2315	9510	"
2200-0030	9590	Sackville
	15420	Great Britain
2200-0330	6120	Sackville
2245-0230	9915	Great Britain
2245-0630	5975	"
2300-0030	11910	"
2300-0330	7325	"
	11750	Ascension

(R. Zilmer)

GRENADA. Radio Free Grenada in St. Georges has this schedule dated on July 22nd.

1945-2115	15105	Great Britain
2130-0030	15045	North America

(BBC MS)

GUAM. KTWR in Agana has anned this schedule change for the DX LISTEN-ER'S LOG during the S82 period.
1430-1600 9505.
(D. McCants)

INDIA. All India Radio in New Delhi has this schedule, current as of July 29th.

1000-1100	15205	NE Asia/Australia
	15350	"
	17387	"
	17705	"
	17875	"
	21695	"
1330-1500	11810	Southeast Asia
	15335	"
1745-1830	9595	Middle East
	11620	"
1800-2000	11830	East Africa
	15265	"
1845-1945	9665	UK/Western Europe
	11620	"
1945-2045	9665	Europe/Africa
	9755	"
	11620	"
	11865	"
2000-2045	9912	Europe
2045-2230	9665	Europe/Australia
	9912	"
	11620	"
	11755	"
	15110	"
2245-0115	7215	Asia
	9605	"
	9912	"
	11765	"
	11900	"
	15110	"
	15330	"
	17865	"

(BBC MS) (R. Shreedhar)

ITALY. RAI in Rome has this S82 schedule valid from September 5th to November 6th.

0100-0120	9575	North America
	11800	"
0350-0410	11905	Far East
	15330	"
	17795	"
0415-0440*	5990	Mediterranean
	7275	"
1935-1955	7275	Great Britain
	9710	"
	11800	"
2025-2045	7235	Near East
	9575	"
	11800	"
2200-2225	9710	Japan
	11800	"
	15330	"

(R. Zilmer)

KUWAIT. Radio Kuwait has this undated schedule received recently.
0500-0800 15345 East, SE Asia
1800-2100 11675 Europe, N. America
(M. Pfeffer)

NIGERIA. The Voice Of Nigeria in Lagos has this schedule which expired on June 27th but is still current.

0500-0600	7255	West Africa
	15120	N. Africa/Overseas
	17800	"
0500-1000	11770	East Africa
0700-0800	15120	N. Africa/Overseas
	17800	"
0800-1700	7255	West Africa
0830-1000	15120	N. Africa/Overseas
	17800	"
1000-1200	15120	North America
1200-1400	15120	Caribbean
1400-1530	15120	Australia
1500-1600	11770	Central/South Africa
1530-1700	15120	India
1700-2100	11770	Central/South Africa
1800-1900	15120	North Africa/Overseas
	17800	"
1900-2030	7255	West Africa
2100-2200	15120	North Africa/Overseas
	17800	"

(M. Chinsky)

NORWAY. Radio Norway in Oslo has sent this S82 schedule.

0100-0230*	11800	South America
	11860	North America
	11870	N. America/Pacific
0300-0430*	11840	Pacific
	11860	Western N. America
	11870	India, Australia
	15165/	Europe, Middle East,
	15175	East Africa
0500-0630*	11870	Pacific
	17740	Middle East, India
	17775	Middle East, India
	15165/	Europe, Middle East,
	15175	East Africa
0700-0830	9590	Europe/Africa
	17775	Far East/Australasia
	21730/	South America
	17710	
	25730	East Africa, WCNA
1100-1230	6015	North Europe
	21730	Far East/Australia
	25730	India, W. Australia
	25615	Europe/Africa
1300-1430	9590	Europe/Africa
	17840/	North/Central America
	25615	
	25730	Europe, ME, E. Africa
	26030	W. Euope, Africa, SAM.
1500-1630	21575/	ECNA, Central America
	26030	
	21700/	India/West Australia
	21475	

(CONTINUED)

NORWAY (CONTINUED):

1500-1630 21730/ E. Europe/M. East
 25730
 25615 E. Europe/ME/Afr
 1700-1830 11870 Europe/Africa
 17875 WCNA/N. Pacific
 21705/ ECNA, C. America
 26030
 21730/ E. Europe/ME
 25730
 1900-2030 11870 Europe/Africa
 17840 ECNA/C. America
 17875 "
 21730 W. Eur/Afr, S Am
 2100-2230 15125 Far East/N. Zeal.
 15165 ECNA/C. America
 15175 Pacific
 17840 South America
 2300-0030* 11840 North Amer/Pacif.
 11870 ECNA/C. America
 15175 South America

Note: programming is in Norwegian except on Sunday (*= Monday GMT) when the English program Norway This Week is broadcast during the last half hour of each broadcast. When a frequency has a / after it this means that that frequency and the one below it are alternates for each other.
 (D. Claytor, M. Chinsky, W. PickardII)

PAKISTAN. According to the August edition of Pakistan Calling, the following change should be made in the schedule printed last month:

1645-1745 9870 Europe
 11670 "
 (Direct)

PHILIPPINES. The FEBC International in Manila has this schedule valid until November 6th.
 0000-0100 17810
 0800-1000 11890, 21515
 1245-1600 15440
 2300-0500 15435, 21515
 (M. Oakley)

PORTUGAL. Here is Radio Portugal's latest schedule as read over-the-air.

0300-0330 9765, 11925 ECNA
 0530-0600 6075, 9575 WCNA
 (J. Berri)

SRI LANKA. Adventist World Radio has this schedule effective August 1st via the SLBC in Colombo.

0330-0400 9720 S. Asia Sun.
 15425 " "

SRI LANKA (CONTINUED)

1100-1130 11835 South Asia Sun.
 15120 " "
 17850 " "
 1300-1330 4940 Local "
 1330-1400 9720 South Asia Fri/Sat/Sun
 15425 " " "
 1430-1500 9720 South Asia Sun.
 15425 " "
 (direct)

SAUDI ARABIA. (Oops!). The BSKSA has this schedule valid until September 5th.

1100-1300 11855
 1700-2100 "
 (B. Wilczek)

VIETNAM. The Voice Of Vietnam in Hanoi had this sked, current as of July 29th.

1000-1030 10080 Southeast Asia
 12035 "
 1100-1130 10080 "
 12035 "
 1330-1400 10040 "
 15010 "
 1600-1630 10040 Africa
 15010 "
 1800-1830 10040 Europe
 15010 "
 1900-1930 10040 "
 15010 "
 2030-2100 10040 "
 15010 "
 2330-0000 10080 Southeast Asia
 12035

(BBC MS)

YUGOSLAVIA. Here is the sked from Radio Yugoslavia in Belgrade, undated.

1530-1600 9620
 15240
 15300
 1830-1900 6100
 9620
 11735
 2000-2030 6100
 7240
 9620
 2215-2230 6100
 7240
 9620

(C. Howarth)

Your editor just received a sample copy of the "Guide To English Short-wave Programs". This up-to-date computerized listing of all stations broadcasting in English is edited by Dan Ferguson. It is fully computerized and arranged by both time and country. A must for any serious SWL/DXer. Sample copy is 2.50. Dan Ferguson, Box 8452, South Charleston, WV 25303 73/God Bless, *Chris*

UTILITY SCENE

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

DEADLINE:
12th Day of
the Month

AM RTTY USB ISB
LSB CW FAX A3H

COLUMN
COVERAGE
0-30 MHz
H.F.

Hello Gang! We still haven't been able to find anyone willing to take over this column, on a temporary basis. So you will continue to send your submissions to me. More on this, if I have the room, at the end of the column.

Your ranks continue to slowly grow, and for the benefit of the new contributors, let me repeat the basics of submitting data to this column....

1) you may type or handwrite loggings on plain paper, or use the forms available from Speedx Hq. For a letter size SASE, I will send you several forms, which you should xerox for additional copies.

2) it is your option to cut the loggings into strips, prior to mailing.

3) for those using homemade log sheets, please arrange them so as when you or I cut them apart, EACH logging strip is 3/4 to 1 inch wide! I collate all submissions into their respective categories and staple them into groups. 1/4 inch wide strips are one big headache to work with, when I'm playing around with 500 to 700 individual loggings. So leave enough space between loggings.

4) when handwriting or typing on plain paper, leave a 1/2 inch blank area, on the extreme left side. (for my stapling)

5) Due to postage costs, OVERSPAS utes can use their own discretion, spacing wise. But try to give me some spacing between loggings.

The Loggings themselves:

1) with ANY TWO-WAY comms, ID BOTH parties involved. Don't send in: "Gander wkg various aircraft" or "KMI clg a ship". This afterall is their job. ID the specific 2nd party !! Lack of both IDs makes this type of logging, a prime no use item.

2) Be sure to include the Time (GMT), Frequency, Xmsn Mode, plus your name & state (or initials) on EACH logging. If you forget to include the frequency, I CANNOT use the logging.

RTTY buffs should include the wpm/shift data.... Number buffs should include the FULL TIME span you logged the xmsn, and don't forget to indicate the number of digits per group.

3) ABOVE ALL, BE NEAT !!! If I can't make sense of your handwriting, I cannot use your logging.....

**** I have a list of abbreviations & terminology (A&T list), plus a

U	5692	U	0537	CG 1364	wkg CG San Francisco CA (BLA-PA)
U	5696	U	0620	CG 1497	wkg CG Miami FL (GHS-IL)
U	5696	U	0020	CG 1433	wkg CG New Orleans LA (BLA-PA)
U	5696	U	0240	CG 1477	wkg CG New Orleans LA (RJC-WA)
U	5696	U	0255	CG 1496	p/p to Norfolk RCC via CG Portsmouth (RJC-WA)
U	5696	U	0229	CG 1486	wkg CG New Orleans LA (DAH-VA)
U	5696	U	1501	CG 2111	wkg CG Miami FL (BCW-FL)
U	5696	U	var.	CG 1490	wkg CG Miami FL (DAH-VA) (RJC-WA)
U	6533	U	0146	MAC 90003	wkg unid sta. - discrete freq (RJI-GA)
U	6540	U	0444	AMERICAN 954	wkg San Juan Aero (HCB-WA)
U	6680	U	0046	CG #1	p/p via Andrews AFB MD (RAL-OH)
U	6727	U	0215	MAC 40143	wkg Scott Aways (JDM-MN)
U	6738	U	1218	MAC 38082	wkg McClellan Aways (JDM-MN)
U	6738	U	1144	MAC 50247	wkg Hickam Aways (JDM-MN)
U	6738	U	1144	MAC 50445	wkg Hickam Aways (JDM-MN)
U	6756	U	2220	NAVY 676	wkg Andrews AFB MD (RAL-OH)
U	6756	U	1243	MAC 70512	wkg Andrews AFB MD (RAL-OH)
U	8924	U	0131	ETHIOPIAN 782	clg Brazzaville Aero (RJI-GA)
U	8924	U	0133	ZAMBIAN 1925	wkg Brazzaville Aero (RJI-GA)
U	8945	U	0116	CUBANA 475	wkg San Juan Aero (JDM-MN)
U	8945	U	0125	AIR FRANCE 236	wkg San Juan Aero (JDM-MN)
U	8945	U	0141	NAVY LIMA FOXTR0T 123	clg Santa Maria Aero (JDM-MN)
U	8959	U	0141	VARTIG 123	wkg New York Aero (JDM-MN)
U	8984	U	1856	CG 1345	wkg CGG BIBB (MAS-OH)
U	8984	U	0255	CG 1345	wkg CG Miami FL (BLA-PA)
U	8984	U	0655	CG 1351	wkg CG Honolulu HI (GHS-IL)
U	8984	U	0047	CG 1473	wkg CG Kodiak AK (HCB-WA)
U	8984	U	0051	CG 1471	wkg CG Portsmouth VA (HCB-WA)
U	8984	U	0050	CG 1341	wkg CG Portsmouth VA (JDM-MN)
U	8984	U	2340	CG 1501	clg CG Kodiak AK (HCB-WA)
U	8984	U	var.	CG 1502	wkg CG Portsmouth VA (JDM-MN) (MAS-OH)
U	8984	U	0340	CG 1503	wkg CG San Francisco CA (RWP-ME)
U	8984	U	2228	CG 1504	wkg CG Miami FL (MAS-OH)
U	8993	U	1427	ASCT 5077	(RAF) P/P via MacDill Aways (BCW-FL)
U	8993	U	0021	A.F. 3014	clg McClellan Aways (TFS-NY)
U	8993	U	0022	ASCT 4790	wkg ??? (TFS-NY)
U	9006	U	0426	CAN Rescue 462	wkg CANMIL Trenton (RAL-OH)
U	9014	U	0108	MAC 70164	wkg Loring Aways (JDM-MN)
U	9014	U	0110	MAC 38086	p/p McLaren CP via Loring (JDM-MN)

**** AIRCRAFT ****

List of the Country abbreviations, that are used in this column.
 Anyone wanting either, or both, need only send me a letter size SASE.
 Overseas utes send 1 IRC.

Now onto the Loggings.....

**** NORTH AMERICA ****

AK..:	8903	U	0855	Anchorage Aero - VOLMET b/c (TS-BC)	9014	U	0105	MAC 53090	wkg Scott Awns (JDM-WN)	(RUL-GA)
	11176	U	2205	AKA5- Elmendorf Awns wkg Q.C. 422 (HCB-WA)	9018	U	2220	aircraft 94199	wkg Andrews AFB MD (RAL-OH)	
BRB..:	13201	U	0424	AKA5- Elmendorf Awns wkg X.M. 663 (WTC-AZ)	10823	U	1615	AMERICAN 645 p/p	via New York LDOO (RJI-GA)	
CAN..:	8449	U	2350	VRT- O&W Hamilton V mkr (TJY-MD)	11187	U	1606	AIREVAC 634 p/p	Scott CP via Scott (RJI-GA)	
	2598	U	var.	VCO- Sydney CG R.-NTM b/c (RC-VF) (RMS-NY)	11187	U	0422	GERMAN CARCO 1001	wkg Luthansa LDOO (RJI-GA)	
	5610	U	0438	VFG- Gander Aero wkg TWA 742 (RMS-NY)	11201	U	2333	CG 1414	wkg CG Miami FL (BLA-PA)	
	5673	U	0308	VFG- Gander Aero wkg TWA 900 (AML-NJ)	11201	U	2110	CG 14-54	clg CG Boston MA (HCB-WA)	
	6430	U	0432	CFH- CANMIL Halifax V mkr (TJY-MD)	11215	U	0326	EASTERN 010	wkg Lima, Peru LDOO (GHS-IL)	
	6705	U	0020	CHR- CANMIL Trenton p/p for CANMIL 102 (AK-MD)	11233	U	2351	EASTERN 518	wkg Lima LDOO (BLA-PA)	
	6753	U	0235	CKN- CANMIL Vancouver - WX b/c (JDM-WN)	11234	U	1607	CANMIL 6474	wkg CANMIL Trenton (JDM-WN)	
	6753	U	2334	CHR- CANMIL Trenton WX b/c (RMH-NY)	11234	U	1903	CANMIL 6332 p/p	Winnipeg via CANMIL Trenton (RUL-GA)	
	8696	U	0525	CFH- CANMIL Halifax V mkr (TJY-MD)	11246	U	1733	CANMIL 6489	clg CANMIL Edmonton/Trenton (GHS-IL)	
	8440	U	1920	VCS- Halifax CG R. V mkr (TJY-MD)	11246	U	0024	ASCO 4880 (RAF)	wkg Upavon Flight Watch (RWF-ME)	
	8453	U	1350	VAI- Vancouver CG R. V mkr (AK-MD)	11246	U	1342	MAG 80322	wkg MacDill Awns (JDM-WN)	
	8868	U	0150	VFG- Gander Aero - VOLMET b/c (RNP-CT)	11246	U	1752	MAG 70029	wkg MacDill Awns (RJI-GA)	
	11233	U	0058	CHR- CANMIL Trenton wkg CANMIL 5018 (GGP-CO)	11246	U	0003	AIR FORGE RESCUE 60217	wkg MacDill Awns (BLA-PA)	
	12127	U	1955	CKN- CANMIL Vancouver V mkr (JEE-CA)	11246	U	1743	CG 1347	wkg MacDill Awns (BLA-PA)	
	12873	U	2200	VCS- Halifax CG R.- Iceberg QTH b/c (TJY-MD)	11246	U	1722	LOOKHEED 4923	wkg MacDill Awns (BLA-PA)	
	12876	U	1344	VAI- Vancouver CG R. V/Cq mkr (HGU-FX)	11246	U	0238	NAVY RESCUE ALFA 28 p/p	via MacDill Awns (AML-NJ)	
	13270	U	2055	VFG- Gander Aero - VOLMET b/c (HCB-WA)	11387	U	1955	CG 1347	wkg MacDill Awns (RJC-MA)	
	15035	U	var.	CJX- CANMIL St. Johns - WX b/c (JPC-MD) (RMH-NY)	11387	U	2006	CG 1345 p/p	NY Oceanic via MacDill Awns (RJC-MA)	
	16948.5	U	1410	VCS- Halifax CG R. V/Cq mkr (HGU-FX)	11387	U	2245	AEROFLOT 3368 - RR	trc with Moscow? (RJI-GA)	
MEB..:	8360	C	2330	XFL- Mazatlan MARCO ID mkr (PAT-CA)	11387	U	1635	CLIPPER 218	wkg New York Aero (JDM-WN)	
	12829.5	C	var.	XPM- Manzanillo MARCO - CQ mkr (HGU-TX) (PAT-CA)	11387	U	1602	AMERICAN 655	wkg New York Aero (JDM-WN)	
	4443	U	0253	WOO- Mobile MARCO - wkg ??? (JPC-MD)	11387	U	1445	EASTERN 807 r/c	with New York Aero (JDM-WN)	
	4422.5	U	0302	WOO- Ocean Gate MARCO - tlc list (DAH-WA)	11387	U	1420	DELTA 476	wkg New York Aero (JDM-WN)	
	4428.7	U	0435	NMC- CG San Francisco - marine WX b/c (RMS-NY)	13201	L	1623	MAC 00569 r/c	with Andersen Awns (HCB-WA)	
	5652	U	0305	NSY70- New York Aero - VOLMET b/c (AML-NJ)	13204	U	1730	aircraft 01 - p/p	via Andrews AFB MD (RAL-OH)	
	5696	U	0218	NMG- CG New Orleans wkg CG 1477 (GHS-IL)	13204	U	1800	NAVY 49676	wkg Andrews AFB MD (RIR-KS)	
	6375	C	2208	WOC- Chatham MARCO - V mkr into tlc list (TJY-MD)	13244	U	1307	MAC 50221	wkg MacDill Awns (JDM-WN)	
	6506.4	U	0634	NWC- CG San Francisco wkg S.6V. & S.24 (RMH-NY)	13244	U	2134	CANMIL 8240	wkg MacDill Awns (RJI-GA)	
	7651	I	0420	VOA Greenville feeder (RH-ITN)	13247	U	1635	aircraft 5317	wkg Andrews AFB MD (RAL-OH)	
	7769	I	0425	VOA Bethany Feeder (RH-ITN)	13300	U	0604	SOUTH PACIFIC 710	wkg Mandi Aero (RBC-CA)	
	8443	C	0425	KFS- San Francisco MARCO - marine WX (JEE-CA)	13304	U	0510	AEROFLOT 435	wkg Brazzaville Aero (RBC-CA)	
	8465	C	0240	NNN- CG Portsmouth - marine WX (TJY-MD)	13304	U	0018	CUBANA 493	wkg Luanda Aero (JPL-MS)	
	8465	C	0338	NNN- CG Portsmouth CQ/QSX mkr (RWA-IA)	13336	U	0448	PACIFIC EAST 11	wkg San Francisco Aero (RBC-CA)	
	8475.5	C	2359	WLO- Mobile MARCO V mkr (TJY-MD)	13336	U	0443	WORLD 12	wkg San Francisco Aero (RBC-CA)	
	8485	C	0004	WOB- Lantana MARCO V mkr (TJY-MD)	13356	U	0406	FRENCH MILITARY 8801	wkg San Francisco Aero (RBC-CA)	
	8514	C	0100	WSL- Amagansett MARCO V mkr (TJY-MD)	18002	U	0454	KLM 582	clg Amsterdam LDOO (RBC-CA)	
	8570	C	0100	NNU43- Slidell MARCO V mkr (TJY-MD)	18019	U	2140	ASCO 4494	p/p Hanscom CP via MacDill (GHS-IL)	
					21996	U	1704	NAVY 670	wkg MacDill Awns (BLA-PA)	
					21996	U	1619	AMERICAN 645	clg New York LDOO (RJI-GA)	
					21996	U	2026	N.82 T.F.	wkg ??? (BC-ITLY)	

8582 C var. KLB- Seattle MARCO - CQ/QSX mkr (PAT-CA) (RBC-CA)
 8586 C 2312 WCC- Chatham MARCO V mkr (TJY-MD)
 8590 C 0540 KOK- Los Angeles MARCO V mkr (TJY-MD)
 8610 C 1936 WNH- Baltimore MARCO V mkr (TJY-MD)
 8615 C 2140 WFD- Tampa MARCO V mkr (TJY-MD)
 8630 C var. WCC- Chatham MARCO - V/QSX mkr (PAT-CA) (DAH-VA)
 8711 C 2110 WLO- Mobile MARCO V mkr (TJY-MD)
 8715 C 2353 "DE WLO FTCC K" (PAT-CA)
 8715 C 2356 WCC- Chatham MARCO with unusual type of mkr
 8722 C 0130 WEM- WCC SHIP TUX K" (PAT-CA)
 8728 U 0336 WMO- Ft. Lauderdale wkg m/v Trauquillizer (DAH-VA)
 8740.6 U 0228 KWI- San Francisco MARCO - WX b/c (JPC-MD)
 8765.4 U 2255 WNO- Ocean Gate MARCO wkg HOOB Oceanic (RMS-NY)
 8784 U 0300 WNC- CG San Francisco - testing (PAT-CA)
 8868 U 1130 WSIY70- New York Aero - VOIMET b/c (RMD-VA)
 8889 U 0438 KEA5- New York Aero wkg Capital 597 (RH-TN)
 8903 U 0639 San Francisco Aero - VOIMET b/c (RMH-NY)
 8925 C 0044 KEN50- USDOS Wash DC - QRA/QSX mkr (AK-MD)
 8989 U 1836 AF12- McLellan Aways wkg INK 16 (GCP-CC)
 8989 U 0308 AF12- McLellan Aways wkg MAC 50245 (RMS-NY)
 8993 U 0015 AFEB- MacDill Aways wkg Lima Romeo 454 (GCP-CC)
 8993 U 0511 AFEB- MacDill Aways wkg MAC 60141 (RMS-NY)
 10000 A 2305 WVA- SPTS Ft. Collins CO (?B-PA)
 10235 I 0253 WVO Greenville Feeder (BC-IN)
 10493 U 1540 WGY 901-PEMA Maynard MA wkg Pinocchio (RLR-KS)
 11182 U 1632 AFG9- Scott Aways p/p for MAC 40620 (GCP-CC)
 11182 U 1540 AF12- Loring Aways wkg Lima Lima 788 (RJC-MA)
 11201 U 2114 WVF- CG Boston MA wkg CG 1454 (HCB-WA)
 11246 U 0214 AFEB- MacDill Aways clg MAC 60155 (DAH-VA)
 11249 U 1830 AFEB- MacDill Aways wkg Lima Tango 899 (RJC-MA)
 12429.2 U 2048 KUX- San Diego MARCO wkg Panthom Magallina (PAT)
 12718.5 C 1856 WNN- CG Portsmouth VA - marine WX (TJY-MD)
 12839.6 C 1900 WPA- Fort Arthur TX MARCO V/QSX mkr (PAT-CA)
 12844.5 C 2052 KFS- San Francisco MARCO V mkr (TJY-MD)
 12869 C var. WNU54- Slidell MARCO - CQ/QSX mkr (PAT-CA) (LM-CA)
 12886.5 C 0050 WLO- Mobile MARCO V mkr (TJY-MD)
 12952 C 1945 WNH- Baltimore MARCO V mkr (TJY-MD)
 12992 C var. KOK- Los Angeles MARCO - V/QSX mkr (JEB-CA) (TJY-MD)
 13010 C 0109 WNU- Slidell MARCO V mkr (TJY-MD)
 13025 C 2255 WSI- Amagansett NY MARCO CQ/QSX mkr (JEB-CA)
 13038 C 1919 KLG- Galveston MARCO - CQ/QSX mkr (PAT-CA)
 13076 C 2315 KPH- San Francisco MARCO V/QSX mkr (JEB-CA)

**** TACTICAL ****

0350 XRAY 25 wkg XRAY 13 (RAI-OH)
 1742 SAM 86971 wkg Andrews AFB MD (RAL-OH)
 0328 NOVEMBER 5 KILO wkg 5 INDIA NOVEMBER (RJI-GA)
 0400 ACTIVATED wkg Andrews AFB MD (RAL-OH)
 0130 SAM 24130 wkg Andrews AFB MD (RLR-KS)
 2240 AIR FORCE 2 wkg Andrews AFB MD (BLA-PA)
 1617 AIR FORCE 1 p/p CROWN via Andrews AFB (RAL-OH)
 1442 SAM 27000 wkg Andrews AFB MD (RAL-OH)
 0340 NOVEMBER 02 YANKEE wkg QUEBEC 03 WHISKEY (RAI-OH)
 0320 SHINOLA wkg coded msg (RAL-OH)
 1740 AIR FORCE 2 p/p via Andrews AFB MD (RAL-OH)
 2242 AIR FORCE 2 p/p CROWN via Andrews AFB (RAL-OH)
 2235 FOXTR07 PAPA wkg SIERRA JULIET 7 (RAL-OH)
 1144 ALPHA DELTA 854 wkg Hickam Aways (JDM-MN)
 1145 ECHO NOVEMBER 947 wkg Hickam Aways (JDM-MN)
 0116 ALPHA PAFA 261 wkg McLellan Aways (JDM-MN)
 0012 RAM ROD 001 wkg Loring Aways (BLA-PA)
 1230 SAM 86972 wkg Andrews AFB MD (RAL-OH)
 1435 SAM 27000 wkg Andrews AFB MD (RAL-OH)
 1345 SAM 86971 wkg Andrews AFB MD (RAL-OH)
 1350 SAM 24198 p/p SAM CP via Andrews AFB (RAL-OH)
 1312 SAM 31683 wkg Andrews AFB MD (RAL-OH)
 1625 SAM 21683 wkg Andrews AFB MD (RAL-OH)
 1600 BOULEVARD wkg Andrews AFB MD (RAL-OH)
 0412 PENAL EYE wkg RAMIFY (RAL-OH)
 1400 TROUT 98 p/p Ryan Control via Andrews AFB (RAL-OH)
 1350 DIRGE 61 wkg Andrews AFB MD (RAL-OH)
 1155 ZENITH 81 wkg Andrews AFB MD (RAL-OH)
 var. CRACK 27 & AMBER 16 wkg JOHN BULL (JDM-MN)
 var. OUST 65 TATON 83, AUTOSAIL wkg BLACK HAND (MAS-OH)
 0343 HI-FI 10 wkg APPLICANT (RAL-OH)
 0400 KNAPSACK with coded msg (RH-TN)
 2138 LIMA VICTOR 016 wkg Lajes Aways (RAL-OH)
 DELTA 1 OSCAR clg FOXTR07 5 (JDM-MN)
 1159 BACK 106 wkg McLellan Aways (JDM-MN)
 0129 BAD FACE r/c with MacDill Aways (JDM-MN)
 0153 MAIL BAG p/p FREELAND via MacDill Aways (JDM-MN)
 0155 TANGO 34 wkg McLellan Aways (JDM-MN)
 0104 EDGY 60 p/p RAYMOND 24 via MacDill Aways (GHS-IL)
 1724 BABE 38 p/p Pope CP via MacDill Aways (GHS-IL)
 0355 SAM 12490 wkg Andrews AFB MD (RAL-OH)
 1725 BYRON 83 clg MAINSAIL (GHS-IL)
 1255 EXHAUST p/p DELICATE via Andrews AFB (RAL-OH)

9018 U 2100 TROUT 98 wkg Andrews AFB MD (RAI-OH)
 9018 U 1315 SPAR 76 p/p via Andrews AFB MD (RAI-OH)
 9018 U 1500 ALFA JULIET wkg Andrews AFB MD (RAI-OH)
 9018 U 1818 MILKMAN wkg Andrews AFB MD (RAI-OH)
 9018 U 2153 PAT 103 p/p Ft. Knox CP via Andrews AFB (GHS-IL)
 9018 U 1523 PINNOCHIO wkg Andrews AFB MD (RAI-OH)
 9018 U 1257 SAM 31681 wkg Andrews AFB MD (RAI-OH)
 9018 U 1814 SAM 12490 wkg Andrews AFB MD (RAI-OH)
 9018 U 1745 AIR FORCE 2 wkg Andrews AFB MD (RAI-OH)
 9018 U 2018 SAM 31683 wkg Andrews AFB MD (RAI-OH)
 9018 U 2023 SAM 86972 wkg Andrews AFB MD (RAI-OH)
 9018 U 1600 SAM 12493 wkg Andrews AFB MD (RAI-OH)
 9018 U 1320 SAM 24201 wkg Andrews AFB MD (RAI-OH)
 9018 U 1310 SAM 31682 p/p via Andrews AFB MD (RAI-OH)
 9023 U 1428 VBERATE wkg DUNBAR (RAI-OH)
 9027 U 0600 SPLEEN with coded msg (PAT-CA)
 9027 L 0557 SPOC 81 wkg SKYBIRD (PAT-CA)
 9180 U 1819 SPAR 60 p/p PHANTOM/MacDill Metro via Andrews (RJI-L)
 10152a U 1115+ PAPA PIN, BARNABY, BREAKAGE, BLADWIN, FLAWLESS, GOLDMINE, INFIDEL, PARTINE, SUNDANCE, CONGRESS, WAGO, etc - USN exercise (RMA-IA)

11176 L 2320 AIR FORCE 2 wkg Andrews AFB MD (RAI-OH)
 11182 U 1957 LOBO 801 wkg Scott Alys (ELA-PA)
 11182 U 1449 BIRD 02 wkg Scott Alys (JDM-WN)
 11182 U 1524 DRAGNET BRAVO p/p via Scott Alys (RJI-GA)
 11182 U 1645 ATTOP 15 p/p via Scott Alys (RJI-GA)
 11182 U 0330 INJECTOR p/p via Scott Alys (RAI-OH)
 11182 U 0207 RAP 64 wkg Scott Alys (DAH-VA)
 11182 U 1558 BOOKSHELF 5 p/p to BOOKCASE via Scott (RJI-GA)
 11182 U 1405 MUSIC 43 p/p MUSIC BASE via Scott (RAI-OH)
 11182 U 1634 DEMON 41 p/p via Scott Alys (RJI-GA)
 11205 U 0421 ALPA SIERRA r/c with HOTEL (GHS-IL)
 11228 U 1727 HOTEL 01 wkg MacDill Alys (GHS-LI)
 11233 U 1906 EAGLE ONE r/c with CANWIL Trenton (RJI-GA)
 11239 U 2051 DRAGNET CHARLIE wkg LOW RIDER (JDM-WN)
 11239 U 2057 EDGY 10 p/p RAYMOND 24 via McLellan (JDM-WN)
 11243 U 1507 MOTIVATE r/c FARGO 81, 521 UPSET, etc (PAT-CA)
 11243 U 2310 ANKLE BONE & TEMPO 91 with p/p attempts (AK-MD)
 11243 U 0745 PHOENIX 235 wkg FOX CONTROL (RAD-MA)
 11243 U var. BLACK HAND wkg WINDY 63, JAIL 56 (JDM-WN)
 11243 U 2224 SWORD 32 wkg TRAIN MAN (JDM-WN)
 11243 U 2129 ISLE 64 wkg CARLISLE (JDM-WN)
 11243 U 0550 KIDNAP r/c with KNAPSACK (RH-TN)
 11243 U 1652 UPSET 51 wkg NIGHT OWL (AMI-NU)
 11246 U 1410 SWING 43 p/p EGLIN AFB via MacDill (RJI-GA)

WCO - Chatham MA MARCO - DE mkr (RH-TN)
 WLO - Mobile AL MARCO DE/RITTY mkr (JEB-CA)
 KMI - San Francisco wkg Arcadian Sailor (RNP-ME)
 AFA3 - Andrews AFB MD wkg SAM 50515 (CCP-GO)
 San Francisco Aero/Oakland VOIMET b/c (AMI-NU)
 AFA3 - Andrews AFB wkg Churchman (CCP-GO)
 VOA Greenville Feeder (RP-MA)
 KPH - San Francisco MARCO V mkr (TJY-MD)
 KOK - Los Angeles MARCO V mkr (TJY-MD)
 KMI - San Francisco wkg m/v Capricorn (WJS-ONT)
 VOA Greenville Feeder (RH-TN)
 VOA Greenville Feeder (RH-TN)
 VOA Greenville Feeder (RH-TN)
 VOA Greenville Feeder (RH-TN)
 VOA Greenville Feeder (SC-ITLY)
 KFS - San Francisco MARCO V mkr (TJY-MD)
 KPH - San Francisco MARCO V mkr (TJY-MD)

**** CENTRAL AMERICA ****

TIM - Limon MARCO CQ/GSX mkr (AK-MD)
 Panama Aero wkg Lima November 563 (RMS-NY)
 AHP2 - Albrook Alys c/g MAC 70471 (CCP-GO)
 AHP2 - Albrook Alys wkg MAC 90003 (CCP-GO)
 HPN60 - Canal WAGO (Puerto Armuelles) - Cq (GLT-NN)

**** CARIBBEAN ****

SPO - O&W Bridgetown DE mkr (GLT-NN)
 CIA22 - Havana MARCO V mkr (TJY-MD)
 CIA300 - IRTS Havana - flute IS (JDM-WN)
 CIA - Havana MARCO V mkr (TJY-MD)
 CIA - Havana MARCO CQ/GSX mkr (JEB-CA)
 CIA41 - Havana MARCO V mkr (TJY-MD)
 CIA - Havana MARCO CQ mkr (HGJ-TX)
 FUF - FF NAVRAD Ft. de France - V mkr (TJY-MD)
 FUF - FF NAVRAD Ft. de France - V mkr (RH-TN)
 FUF - FF NAVRAD Ft. de France - V mkr (RH-TN)
 FJK34 - DU NAVRAD Curacao V mkr (AK-MD)
 9YL - North Post MARCO - V mkr (GLT-NN)
 9YL - North Post MARCO - WX & t/c list (TJY-MD)

**** SOUTH AMERICA ****

LPL - Gen. Pacheco Radio - SS/OM/VM (MT-JPAN)
 LPL - G.P.R. - SS/OM/VM (RMH-NY)
 LPLD86 - G.P.R. Buenos Aires - V mkr (JPL-MS)
 LPL3 - G.P.R. SS/OM/VM (JDM-WN) (RMS-NY)
 LFD88 - G.P.R. Buenos Aires - V mkr (TJY-MD)

COST: 13100 C 0008 C 2215 C 2215 C 2145 C
 PANA: 6540 U 0324 U 0015 U 0103 U 1176 U 12873 C
 BARS: 12709 C 0230 C 2100 C 2100 C 1948 C 16962 C
 CUBA: 8701 C 10788 I 12747 C 13062 C 17165.6 C 22396 C 16904 C 16962 C 22390.5 C 12655 C 8440 C 12884 C

MART: 16904 C 1948 C 16962 C 22390.5 C 12655 C 8440 C 12884 C

NETA: 12655 C 1635 C 0050 C 2059 S 1030 S 4921a S 6512 U var. 8646 U 8759.2 U 12988 C

TRIN: 8440 C 0050 C 2059 S 1030 S 4921a S 6512 U var. 8646 U 8759.2 U 12988 C

ARGN: 4921a S 1030 S 4921a S 6512 U var. 8646 U 8759.2 U 12988 C

11246	U	1621	NAVY LIMA TANGO 891	wkg MacDill Aways (RUL-GA)
11246	U	1352	CUPID 35 p/p	HOWARD OPS via MacDill (RUL-GA)
11249	U	1505	SAM 24126 p/p	Andrews Control via Andrews (RUL-GA)
11267	U	1428	JULIET 6	FOXTROT wkg JULIET 4 OSCAR (JDM-MN)
13204	U	1455	SAM 31683	wkg Andrews AFB MD (RAL-OH)
13211	U	2242	BOOKSHELF 02	wkg MacDill Aways (GHS-IL)
13211	U	2230	LARANIE	wkg MacDill Aways (RAL-OH)
13215	U	0441	ALFA JULIET 690	p/p via McClellan Aways (WTC-AZ)
13215	U	1654	AIR FORCE 2	p/p Comm Ctr via Andrews (RWP-ME)
13215	L	2122	SAM 86971	wkg Andrews AFB MD (BLA-PA)
13215	L	1528	SAM 31682	p/p via Andrews AFB MD (RAL-OH)
13215	L	1823	AIR FORCE 1	wkg Andrews AFB MD (RAL-OH)
13215	L	1523	SAM 27000	wkg Andrews AFB MD (RAL-OH)
13215	U	1245	ZESYI 14	wkg Loring Aways (RAL-OH)
13216	U	0057	SENDECA 261	clg CAPE RADIO (CCP-CO)
13216	U	1714	TEAL 06	p/p Miami Monitor via MacDill (JDM-MN)
13244	U	1256	LIMA UNIFORM 114	wkg MacDill Aways (JDM-MN)
13244	U	1614	COUNTNER	wkg MacDill Aways (MAS-OH)
13247	U	1601	DRAGNET	BRVO p/p RETAIL via Scott Aways (RUL-GA)
13247	U	1330	TROUT 99	wkg Andrews AFB MD (RAL-OH)
13247	U	1440	SIERRA UNIFORM	ALFA BRAVO JULIET wkg Andrews (RAL)
13247	U	1311	SAM 24201	wkg Andrews AFB MD (RAL-OH)
13247	U	2145	SAM 12493	wkg Andrews AFB MD (RAL-OH)
13247	U	1325	SAM 31682	p/p SAM CP via Andrews AFB (RAL-OH)
13247	U	1845	SAM 12490	p/p via Andrews AFB MD (RAL-OH)
13247	U	1250	EXHAUST	wkg Andrews AFB MD (RAL-OH)
13247	U	1402	SPAR 76	wkg Andrews AFB MD (RAL-OH)
15015	U	2138	SWING 01	wkg Scott Aways (MAS-OH)
15015	U	2154	IVORY 47	wkg Albroom Aways (MAS-OH)
15015	U	2345	REVEAL	p/p via Scott Aways (PAT-CA)
15048	U	2235	AIR FORCE 2	wkg Andrews AFB MD (RAL-OH)
15048	L	1427	AIR FORCE 2	wkg Andrews AFB MD (RLR-KS)
17975	U	0210	HAIL STORM	clg HYPER 11 (GHS-IL)
18002	U	1712	CHARLIE	WHISKEY 1 HOTEL wkg Loring Aways (GHS-IL)
18002	U	1736	SIERRA CHARLIE 04	clg Loring Aways (GHS-IL)
18027	L	var.	AIR FORCE 1	wkg Andrews AFB (RUL-GA) (RAL-OH)
18666	U	1535	SHARK 364	wkg FLINT 262 (RUL-GA)
18666	U	1502	FLINT 351	wkg ATLAS (RAL-OH)
18666	U	1520	SHARK 300	wkg ATLAS (RAL-OH)
18666	U	1357	FLINT 350	wkg FLINT 103 (RAL-OH)
18666	U	1345	FLINT 262	wkg ATLAS (RAL-OH)
18666	U	1210	SHARK 368	p/p SHARK Ops via ATLAS (RAL-OH)
18666	U	1612	ATLAS	wkg CONDOR 700 (RAL-OH)

13162	U	2011	LEL-G.P.R.	SS/OM/VM (AK-MD)
17045.6	C	var.	LPD46-G.P.R.-	V/CSX mkr (PAT-CA) (TJY-MD)
17233.5	U	0119	LEL-G.P.R.	SS/OM/VM (JDM-MN)
17285.5	U	var.	LEL-G.P.R.	SS/OM/VM (PAT-CA)
22419	C	1519	LPD91-G.P.R.	Buenos Aires - V mkr (HGJ-TX)
10096	U	2335	Manaus Aero	wkg Clipper 3472 (IK-UK)
16918	C	2340	Porto Alegre Aero	wkg Brasilia Aero (IK-UK)
17160	C	2040	PWZ-Rio de Janeiro	NAVRAD - V mkr (PAT-CA)
17162	C	2120	PPC- Olinda	MARGO - V mkr (TJY-MD)
4380	C	0240	COS- Santiago	NAVRAD - V mkr (JPC-MD)
12002.7	C	2016	HKB-Barranquilla	MARCO V mkr (TJY-MD)
13087.5	C	0050	HKB-Barranquilla	MARCO V mkr (TJY-MD)
17003	C	0240	HKB-Barranquilla	MARCO V mkr (TJY-MD)
3810	A	0314	HD210A-SFTS	Guayaquil - pips (JPC-MD)
7600	A	0100	HD210A-SFTS	Guayaquil - pips (JDM-MN)
24145	U	1205	VPC-C&W Port Stanley	- t/c to London. (RWP-ME)
10804	U	2350	ANTELOCO	Montevideo - SS/YI/VM (AM-UK)
16904	C	2051	CNW-Montevideo	NAVRAD - V mkr (TJY-MD)
6100	A	0425	YVTO-SFTS	Caracas pips (AML-NJ)

**** EUROPE ****

5477	U	0317	CSY-Santa Maria	Air-FTP to Shanwick (RUL-GA)
6750	U	0417	CWU2-Lajes Aways	wkg F.A.E. 19273 (WTC-AZ)
8967	U	0425	CWU2-Lajes Aways	wkg F.C.1F. (RMS-NY)
8652	C	var.	OST42-Oestende	MARCO V Mkr (JPL-MS) (TJY-MD)
18467	U	1905	ORI28-Brussels	FTP - t/c with ?? (DAH-VA)
11234	U	0042	MKD-RAF Akrotiri	clg Architech MKD using call sign, Cyprus Flight Watch (RWP-ME)
14360	C	1704	KWS78-USEMB	Nicosia clg KWJ34 (IK-UK)
16884	C	1417	5BA-Nicosia	MARCO CQ mkr (RF-MO)
19430	L	1000	MKD-RAF Akrotiri	wkg RAF London (IK-UK)
8516	C	0128	KKC-Portishead	MARCO DE mkr (JPL-MS)
8545	C	0130	GKA-Portishead	MARCO V mkr (TJY-MD)
9103	L	0746	BBC Davenport	Feeder (RUL-GA)
11069	S	2300	BBC Davenport	Feeder (AK-MD)
11200	U	var.	WVU-West Drayton	VOLMET-(WJS-ONT) (RMH-NY) (RH-TN)
12821	C	2250	GKA-Portishead	MARCO V mkr (TJY-MD)
13019.8	C	0012	GKC-Portishead	MARCO V mkr (TJY-MD)
13100.8	U	2100	GTK-Portishead	MARCO - t/c list (RWP-ME)
21886	U	0939	Speedbird London	IDOC wkg Clipper 180 (IK-UK)
22930	U	2005	BBC Davenport	Feeder (RH-TN)
2607	C	2312	FUO-FF NAVRAD	Toulon - V mkr (AM-UK)
2770	C	2250	FDG7-FF AF Toulouse	/Francozal - V mkr (AM-UK)
4367.5	U	0202	FFL21-St. Lys	MARCO - FF/OM/VM (RUL-GA)

6421.5 C var. FFL2/3- St. Lys MARCO- CQ/QSX mkr (AK-MD) (TJY-MD)
 8666 C 0154 FUG3/8- FF NAVRAD Castelnaudry- V mkr (JPL-MS)
 8808.8 U 0540 FUL41- St. Lys MARCO FF/OM/VM (RMS-NY)
 12857 C 0405 FUC- FF NAVRAD Toulon V mkr (LM-CA)
 13296 U 1828 Paris Aero wkg Air France 003 (IK-UK)
 16876 C var. FUG-FF NAVRAD Castelnaudry- V mkr (GHT-NM) (TJY)
 17027 C 1458 FFL8- St. Lys MARCO CQ mkr (HGJ-TX)
 GDR.: 4525 A 0302 Y3S- SIFTS Nauen - pips (JPC-MD)
 16907 C 1354 Y5W- Rugen MARCO V mkr (HGJ-TX)
 FRG.: 8511 C 0340 DAL- Norddeich MARCO V mkr (TJY-MD)
 11038 C 2200 DH9- Plinneberg Metro - V mkr t/c list (TJY-MD)
 16480 C 0235 DAM- Norddeich MARCO V mkr (JIM-CA)
 16980.4 C 0419 DAM- Norddeich MARCO V mkr (TJY-MD)
 17143 C 2036 DAM- Norddeich MARCO V mkr (JIM-CA)
 22476 C 1509 DAM- Norddeich MARCO V mkr (HGJ-TX)
 GIBR.: 4743 U 0143 MLU- RAF Gibraltar - coded msg (RMH-NY)
 11234 U 0444 MLU- RAF Gibraltair - Aero WX b/c (PTK-IL)
 GREE: 22417 C 2035 SVEB- Athens MARCO V mkr (TJY-MD)
 HOLL.: 8952 U var. Amsterdam LDOC wkg KLM 774 (RMS-NY) (RH-TN)
 12799.5 C 2240 PCH5- Scheveningen MARCO V mkr (TJY-MD)
 17007.2 C 2043 PCH61- Scheveningen MARCO V mkr (TJY-MD)
 23224.5 C 2135 PCH70- Scheveningen MARCO V mkr (TJY-MD)
 22538 C 2158 PCH71- Scheveningen MARCO V mkr (TJY-MD)
 EIRE: 2889 U 0343 EIP- Shannon Aero VOLMET b/c (RMS-NY)
 5610 U 0500 Shanwick Aero wkg Air Canada 878 (RMS-NY)
 ITALY: 4615 C 0306 IED2- Rome NAVRAD DE/QSX mkr (JPC-MD)
 8649.5 C 0413 ICB- Genoa MARCO V mkr (TJY-MD)
 13015.5 C var. IAR- Rome MARCO - V mkr (TJY-MD) (RH-TN)
 16004 C 0146 IDR6- Rome NAVRAD V mkr (JPL-MS)
 17105 C 2250 IRM6- C.I.R.M. Rome V mkr (TJY-MD)
 22376 C 2028 IAR- Rome MARCO V mkr (RH-TN)
 LUX.: 10390 C 0500 LXF56- Luxembourg PTP- V mkr (TJY-MD)
 NOR.: 12961.5 C 0306 LCU- Rogaland MARCO - CQ/MC mkr (LM-CA)
 17074 C 2113 LGX- Rogaland MARCO V mkr (TJY-MD)
 PORT: 5610 U 0431 Lisbon Aero wkg Foktrot Charlie 1 Papa (RMS-NY)
 SPAN: 6382 C 0430 EAD2- Aranjuez MARCO V mkr (TJY-NY)
 8447 C 0338 EBA- Madrid NAVRAD - V mkr (TJY-MD)
 8682 C 0158 EAD2- Aranjuez MARCO CQ mkr (JPL-MS)
 SWIS: 13023.7 C 0018 HEB- Berne MARCO V mkr (TJY-MD)
 22345 C 2030 TAH- Berne MARCO CQ mkr (RH-TN)
 TURK: 6491.5 C 0209 THAH- Istanbul MARCO CQ mkr (RG-VT)
 USSR: 8275 U 0902 Magadan Aero - RR VOLMET b/c (TS-BC)
 12693 C 0136 URD- Leningrad MARCO V mkr (SAC-AUST)
 13088 C 0157 UAT- Moscow MARCO - V mkr (SAC-AUST)

4404 A 0104----- S/Y 5d 15 July (JPC-MD)
 5135 A 0118----- S/Y mixed digits 15 July (JPC-MD)
 5644.5 U 0233-0237 E/Y repeats of S.Y.N.2 (454) 12 July (RJI-GA)
 5910 U 0402-0445 G/Y 5d - 3&2 delivery (454) 30 July (RJI-GA)
 6980.2 U 0250-0314 S/Y&O - mixed digits (454) 17 July (RJI-GA)
 7404 A 0004-0016 G/Y 5dd - P.N.&MM s/on (454) 01 Aug (RJI-GA)
 7605 U 0149-0151 E/Y repeats V.L.B.2 (555) 01 Aug (RJI-GA)
 9085 A 0608-0609 S/Y 5d Finalx2 s/off (423) 30 July (PAT-CA)
 10418 A 1329-1331 S/Y 5d Finalx2 (455) 07 Aug (RJI-GA)
 13808 A 0137----- S/Y 3d 20 July (JDM-MN)
 14422 A 0232-0245 S/Y 5d Finalx2 s/off 24 July (JDM-MN)
 11155.5 C 2325 "K" beacon (PAT-CA)
 11475 C 1815 "A" beacon (PAT-CA)
 ***** UNIDENTIFIED *****
 4500 C 0633 repeats of "DE GOII" (PAT-CA)
 5020 A 0230 1 beep per second until 0255 (MP-NY)
 6927 R 0441 "POB" with FOXES 66/850n (RLF-NY)
 7000 A 1940 New York Telephone Co, Syracuse NY - telephone calls heard - Harmonics?? (MP-NY)
 7656 C 0958 "ZPCI ZPCI ZPCI DE DER DER" (SAC-AUST)
 8935 U 0140 CAPPY ONE, MAGIC, AURORA, ATHENS, HOUSTON, IRON, wkg each other, starting around 0100 GMT daily. Possible drug net. Heard at 8-7/9 levels in Maine (RWP-ME)
 8939 U 0135 GG/YL with Thompson-CSF aero products tape (RJI-GA)
 11875 C 1304 "UT" beacon - 2x every 30 seconds=(2x/30) (MTC-AZ)
 11875 C 1201 "IG" beacon - twice per minute (MTC-AZ)
 15108 C 0331 "BK" beacon - (2x/30) (MTC-AZ)
 15112 C 0310 "Z2" beacon - (2x/30) (MTC-AZ)
 15115 C 1546 "AK" beacon - (2x/30) (MTC-AZ)
 15130 C 0320 "FL" beacon - once per minute (MTC-AZ)
 15140 C 0334 "NU" beacon - (2x/30) (MTC-AZ)
 15145 C 0338 "MF" beacon - (2x/30) (MTC-AZ)
 15235 C 1601 "OU" beacon - (2x/30) (MTC-AZ)
 15290 C 0259 "PF" beacon - (2x/30) (MTC-AZ)
 15290 C 1605 "FR" beacon - (2x/30) (MTC-AZ)
 15340 C 0402 "FF" beacon - (2x/30) (MTC-AZ)
 15345 C 0415 "IC" beacon - (2x/30) (MTC-AZ)
 15355 C 1820 "FG" beacon - twice per minute (MTC-AZ)
 15375 C 0425 "CB" beacon - (2x/30) (MTC-AZ)
 15375 C 0315 "UG" beacon - (2x/30) (MTC-AZ)
 15447 C 0402 "UA" beacon - (2x/30) (MTC-AZ)
 15447 C 0401 "TU" beacon - (2x/30) (MTC-AZ)
 15485 C 1645 "HM" beacon - (2x/30) (MTC-AZ)

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

ALIGE: 8826 U 0430 Aliens Aero wkg Aeroflot 427 (RMS-NY)
 19383.5 C 0650 YF54- GDR EMB Algiers - GRA mkr (AM-UK)
 ANGO: 8565 C 0045 D3E51- Luanda MARCO - CQ mkr (GLT-NM)
 13104 U 0018 Luanda Aero wkg Cubana 493 (JPL-MS)
 13304 U 0451 Luanda Aero wkg Alitalia 197 (RBC-GA)
 BRA: 10093 U 2312 "Falcon" LDOC wkg Golf 102425 (IK-UK)
 CAF: 18722.5 U 2200 TLZ87- SCTI Bangui - FF/XL/W (RUL-GA)
 GONG: 13304 U 0439 Brazzaville Aero wkg E.T.F. 145 (RBC-GA)
 EGPT: 20100.9 C 0724 F6W25- Dutch EMB Cairo - V mkr (AM-UK)
 20950 C 1130 ETT95- Yugo EMB Addis Ababa- ftc to Belgrade (AM)
 IRAQ: 16906 C 1427 YIR- Basrah MARCO V mkr (RF-MO)
 ISHL: 13051.5 C 0259 4X0- Haifa MARCO CQ mkr (LM-GA)
 IVRY: 19360 C 1137 TUW- INTERPOL Abidjan wkg INTERPOL Dakar (AM-UK)
 KEN: 7532 C 1103 5YC- INTERPOL Nairobi c/g INTERPOL Nicosia & Abidjan (AM-UK)

LEE: 8815 C 0955 G1F3- EMBAOUBA Beirut - coded msg (AM-UK)
 LYBA: 2620 C 2312 5AT- Tripoli MARCO- V/CQ mkr (AM-UK)
 MURI: 20247 L 0900 5TA21- Nouadhibou PTP wkg Paris (IK-UK)
 SAUD: 8480 C 1550 HZI- ARAMCO Ra's Tammurah- CQ/QSW mkr (AM-UK)
 SENE: 8882 U 0530 Dakar Aero wkg Argentine 144 (RMS-NY)
 8992 C 0516 6WV- Dakar NAVRAD V mkr (TJY-MD)
 13410 C var. 6WV- Dakar NAVRAD - V mkr (DAH-VA) (JPC-MD)
 16952 C 0105 6WV- Dakar NAVRAD - V mkr (GLT-NM)
 SOAF: 8914 U 0548 Johannesburg LDOC wkg Springbok 203 (RMS-NY)
 12946 C 1245 ZRH- Cape NAVRAD Fisantekraal - X mkr (GLT-NM)
 SYRA: 20753 C 1620 YK88- IRC Damascus wkg IRC Geneva (AM-UK)
 ZIRE: 13304 U 0421 Kinshasa Aero wkg Speedbird 55 (RBC-GA)

**** ASIA/PAR EAST ****

PRC.: 8931 U 2318 Urumchi Aero wkg Cathay 200 (IK-UK)
 12871.5 C var. XSG- Shanghai MARCO CQ mkr (HGJ-FX) (GLT-NM)
 HONG: 8538 C 1240 VFS- Cape d' Aguilair MARCO - DE mkr (GLT-NM)
 8619 C 1240 VRN- Cape d' Aguilair MARCO - DE mkr (GLT-NM)
 13019 C 1250 VFS- Cape d' Aguilair MARCO - DE mkr (GLT-NM)
 INDI: 10093 U 2242 Bombay LDOC wkg Gulf Air 1042 (IK-UK)
 21998 S 2026 Delhi Aero wkg N.82T.F. (BC-ITLY)
 INDO: 8542 C 1225 PKI- Jakarta MARCO CQ mkr (GLT-NM)
 11396 U 2256 Bali Aero wkg Singapore 5 (IK-UK)
 16200 C 0842 BBS39- Jakarta Air - WX b/c (SAC-AUST)
 JFAN: 6466 C 1215 JOS- Choshi MARCO - CQ mkr (GLT-NM)
 8436 C 1220 JOS- Choshi MARCO - CQ mkr (GLT-NM)
 8522 C 1225 JOR- Choshi MARCO - CQ mkr (GLT-NM)
 8546 C 1225 JPA- Matsudo MARCO - CQ mkr (GLT-NM)

15988 C 0325 "PB" beacon - (2x/30) (MTC-AZ)
 17685 C 1654 "SB" beacon - (2x/30) (MTC-AZ)
 17723 C 0241 "UR" beacon - (2x/30) (MTC-AZ)
 17750 C 0238 "US" beacon - (2x/30) (MTC-AZ)
 17750 C 1227 "WM" beacon - (2x/30) (MTC-AZ)
 17760 C 0220 "SP" beacon - (2x/30) (MTC-AZ)
 17850 C 1220 "GI" beacon - (2x/30) (MTC-AZ)
 17855 C 1753 "A5" beacon - twice per minute (MTC-AZ)
 17895 C 1631 "S7" beacon - once every minute (MTC-AZ)
 17895 C 1631 "WN" beacon - (2x/30) (MTC-AZ)
 21500 C 2115 "ZG" beacon - once every minute (BC-ITLY)
 21651 C 2155 "LF" beacon - once every minute (BC-ITLY)
 21698 C 2144 "GZ" beacon - once every minute (BC-ITLY)
 21988 C 2022 "UB" beacon - twice every 25 seconds (BC-ITLY)

NOTE: I'm now working on the 2 Element CW Beacons (as reported above) for the Speedx utility guidebook. I would like to hear from anyone with information concerning these ZECWB's, that predominately operate within the International short wave broadcast bands. I would especially like to hear from European utes, concerning the signal levels of these beacons.... MTC-AZ

**** RADIO TELETYPE ****

ALB.: 9429.6 1600 ZAT- ANA Tirana - EE/NX 66/425r (RMA-FRAN)
 9430 0721 ZAT- APA Tirana - RYs 66/425 (PAG-UK)
 ANTA: 11027 0520 NCD- McMurdo "Explorers Home" tape 100/850n (RLF)
 ARG: 7954.5 2350 DYN Buenos Aires - SS/NX 66/850n (AM-UK)
 AUSA: 10118.5 2330 OME70- Vienna Metro - WX 100/425n (RMA-FRAN)
 AUST: 13920 0602 AXM35- Canberra Metro - RYs 66/850r (RLF-NY)
 BUL.: 3252.9 0100 LZP8- Sofia Metro - WX 66/425r (RMA-FRAN)
 CAPP: 9154 0650 D4B- Pedra Lume Air- RYs 66/850n (RLF-NY)
 CHIL: 15767.6 0115 CCS- Santiago NAVRAD- ftc to HQ 66/850n (RMA-IA)
 PRC.: 10650.2 2358 BZJ23- Hangzhou Metro - CQ/MC mkr 66/425r (AM-UK)
 CONG: 10137 var. TNL96/97- Brazzaville Metro - RYs 66/850n (RLF-FRAN)
 CUBA: 3398.2 0030 CMB- Havana - FOXES 66/850r (RVA-FRAN)
 7407 0130 CML5- Havana PTP c/g ITT New York 66/425r (RLF)
 18194 2320 CLNG603- PL Havana - EE/NX 66/425r (JEB-GA)
 CYPRE: 19897.1 1830 MKD- RAF Akrotiri - FOXES 66/425r (RMA-FRAN)
 EGPT: 9348 var. SUC- Cairo Air- RYs 66/850r (RLF-NY)
 16454.6 1605 HXG56- HUNG. EMB Cairo- c/g HXG2-66/425r (AM-UK)
 ENG.: 20385.6 1847 Reuters London - FF/NX 66/300r (IK-UK)
 ETHO: 11114.5 var. ETJ3- Addis Ababa Air- RYs 66/425r (AM-UK) (RLF-NY)
 FRAN: 17545.5 1800 FTK56/H3- AFP Paris- FF/NX (RMA-FRAN)
 18670.6 1900 FFP97/0- AFP Paris - EE/NX 66/425n (RMA-FRAN)
 FRG.: 3035.4 2230 DHJ85- Grenchel Metro - WX 66/425n (RMA-FRAN)

JAPAN:	8662	C	1215	JJH- Kure MARCO - CQ mkr (GLT-NM)
	10390	U	1218	KDD Tokyo - EE/1J/VL/VN (SAC-AUST)
	12826	C	1245	JOS- Choshi MARCO - CQ mkr (GLT-NM)
	12877	C	1233	JCU- Choshi MARCO - CQ mkr (GLT-NM)
	16999	C	0213	JDC- Choshi MARCO - CQ/GSX mkr (IM-CA)
	12915	C	1240	HLF- Seoul MARCO - CQ mkr (GLT-NM)
ROK.:	20820	C	1235	ARL- Karachi NAVRAD - c.l.g JADL (AM-UK)
PAKI:	8579	C	1240	DZO- Bulacan MARCO - CQ mkr (GLT-NM)
PHIL:	8586	C	1225	DZG- Las Pinas MARCO - CQ mkr (GLT-NM)
	8595	C	1225	DZK- Manila MARCO - CQ mkr (GLT-NM)
	8604	C	1230	DZL- Bulacan MARCO - CQ mkr (GLT-NM)
	12834	C	1255	DZP- Manila MARCO - CQ mkr (GLT-NM)
	12882	C	1245	DZG- Las Pinas MARCO - CQ mkr (GLT-NM)
	12906	C	1230	DZJ- Bulacan MARCO - CQ mkr (GLT-NM)
REUN:	13215.5	C	0455	FUX- FF NAVRAD - V mkr (MTC-AZ)
	17064	C	0100	FUX- FF NAVRAD - V mkr (TJY-MD)
SING:	8475	C	1215	9VG-66- Singapore MARCO - CQ mkr (GLT-NM)
	8707	C	1215	9VG- Singapore MARCO - CQ mkr (GLT-NM)
VLET:	8590	C	1235	VXW- Ho Chi Minh MARCO - CQ mkr (GLT-NM)
				*** PACIFIC OCEAN ***
AUST:	4500	A	1159	VNG- SPTS Lyndhurst - ID at 1200 GMT (RWP-TM)
	6427	C	1235	VHP- Canberra NAVRAD - V mkr (GLT-NM)
	8477	C	1230	VIX- Canberra NAVRAD - V mkr (GLT-NM)
	11387	U	var.	Sydney Aero - VOLMET b/c (RH-TN) (RAD-NA)
	13075	C	1255	VIP33- Perth MARCO - CQ mkr (GLT-NM)
	22474	C	0025	VIS42- Sydney MARCO - V mkr (GLT-NM)
CARO:	7878	U	1158	KUP67- Truk w/g. KUP68 Koror (MTC-AZ)
FFPO:	6461	C	1230	FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
	8624	C	1230	FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
	12663	C	1250	FUM- FF NAVRAD Papeete - V mkr (GLT-NM)
	17380	C	var.	FUM- FF NAVRAD Papeete - V mkr (PAT-CA) (GLT-NM)
GUAM:	8967	U	1203	AJEB- Andersen Avys w/g Kilo Quebec 792 (MTC-AZ)
HL.:	8650	C	var.	NMO- CG Honolulu - V/OJ mkr (TJY-MD) (GLT-NM)
	8765.4	U	0556	NMO- CG Honolulu - marine WX b/c (PMH-NY)
	8903	U	var.	Honolulu Aero - VOLMET b/c (IS-BC) (RMS-NY)
	11179	U	0244	AGA-2- Hickam Avys w/g MAG 60156 (CCP-CO)
NCAL:	12857	C	1250	FUJ- FF NAVRAD Noumea - V mkr (GLT-NM)
NZEL:	8504	C	1220	ZLB4- Awarua MARCO - DE mkr (GLT-NM)
	8597	C	1230	ZLO- Iirirangi NAVRAD - DE mkr (GLT-NM)
	8625	C	1235	ZLP2- Iirirangi NAVRAD - V mkr (GLT-NM)
	8737.5	U	0450	ZLW- Wellington MARCO w/g Tiara Maru (RMS-NY)
	8903	U	var.	Auckland Aero - VOLMET b/c (RWP-NE) (RMS-NY)
				(TS-BC) (JDM-MN)
	22532	C	0435	ZLB4- Awarua MARCO - DE mkr (GLT-NM)
GBR:	23415	1858		GYU- RN Gibraltar - FOXES 100/425 (PAC-UK)
HONG:	19520	1810		ZBC094- UPI Hong Kong - EE/NX 66/425r (AM-UK)
INDI:	19400.5	1210		VD69- Delhi Metro - WX 66/425n (AM-UK)
	19734	1120		4UAD- WNO Delhi - w/g UNO Geneva- 100/425r (AM-UK)
	20473	0635		5QL49- POL EMB Delhi- t/c Warsaw- 66/425n (AM-UK)
ISRL:	13850.2	2235		4XA83- Tel Aviv PTP - testing 66/425r (AM-UK)
	13850	0734		4XA83- Tel Aviv PTP - c.l.g Moscow 66/425 (PAC-UK)
ITLY:	16165	1800		IGJ- QTH?(military) RYS 100/425 (PAC-UK)
	16265	1800		ANSA Rome - EE/NX 66/425n (JEB-CA)
IVRY:	9846	0437		UYD- ASEONA Abidjan - RYS 66/425n (RLF-NY)
KEN.:	7423	2340		5YD- Nairobi Air - RYS 66/425n (BLA-PA)
	9041	2315		5YE- Nairobi Metro - WX 66/425n (RMA-FRAN)
	11123.3	1715		5YB- Nairobi Metro - WX 66/425r (RMA-FRAN)
	19280	1105		4UV- UNO Nairobi - t/c UNO Geneva 100/425r (AM-UK)
KERG:	14441	0630		FYJ2- FTS PRT-aux-Francais-WX-66/850r (RFP-NY)
NOKO:	13579	0510		HMS79- KONA PyongYaung-EE/NX 66/425n (JEB-CA)
KUMT:	18260.5	1132		9KT- KUWA Kuwait - EE/NX 66/425n (IK-UK)
MAIT:	19960.3	1504		9HA- Luqa Air - RYS 66/425r (AM-UK)
MAUR:	15955	var.		3BT4- Vaccaos Metro- WX 66/850r (AM-UK) (RLF-NY)
MROC:	9855	----		VOA Tangier EE/NX 74/425n (RMA-FRAN)
	10972	2247		VOA Tangier DE mkr 100/425 (PAC-UK)
	14847.5	1114		CNO78- Casablanca Air- WX 66/850r (AM-UK)
	14847.5	1618		CNO78- Casablanca Air - test w/Dakar 66/425(PAC)
PAKI:	14458	2330		ARA- Karachi Metro - w/g SUC Cairo-100/850n (AK)
	19730	1112		4UJ- UNO Rawalpindi- t/c UNO Geneva- 100/425r(AK)
PABA:	7964.5	2331		ZPN- Asuncion Air RYS 66/700n (IK-UK)
PERU:	11252	0040		0BY- NAVRAD Pacasmayo w/g OBG-66/800n (IK-UK)
REUN:	19497.2	1457		RFPVM- FF NAVRAD c.l.g RSVI Capetown-66/850r (AK-UK)
SAUD:	14371	2047		HZK- Jeddah Air?? RYS 66/425 (PAC-UK)
SENE:	7584	0000		6VU75- Dakar Metro RYS 66/425r (BLA-PA)
	19750	1924		6VU79- Dakar Metro - CQ mkr 66/425 (PAC-UK)
SPAN:	19295	0805		MAN- MFA Madrid- t/c to MAL 66/425 (PAC-UK)
	20148.2	1030		EMA- Madrid NAVRAD- w/g LOL 66/850r (AM-UK)
SUDD:	7304	0007		STK- Khartoum Air RYS 66/425r (BLA-PA)
	11061	0130		STK- Khartoum Air RYS 66/425n (RLF-NY)
	16090	2050		STK- Khartoum Air RYS 66/425 (PAC-UK)
SWIT:	19922.5	0709		4D39- UNO Geneva. w/g UNO New York-100/425r (AM-UK)
THAI:	13742.6	2057		HSDJ6- Bangkok Air RYS 66/425n (AM-UK)
USA.:	11013	0024		AP NYK SS/NX 66/850r (IK-UK)
	22782.5	1620		WFX48- USIA New York- FOXES 100/425n (RLF-NY)
USSR:	5139.5	1930		Moscow Metro - WX 66/425r (RMA-FRAN)
	7684.7	0000		Moscow Metro - MC mkr 66/425r (RMA-FRAN)
	7760.4	0010		RGH77- Akhangelisk Metro- MC mkr 66/850r (RMA-F)
	10195	2355		EGG42- Moscow PTP w/g Prague 66/425r (RMA-FRAN)
	13054	1629		UYJ- Kallinigrad - Nav. warning-66/170n (RLF-NY)

17480.5 U 0827 VLV- Waxson Base wkg AORTS Sydney (SAC-AUST)
NOTE: Depending on the weather conditions, September usually marks
the beginning of the season's scientific endeavours, with on the
ice. Watch 8997 & 13251 kHz USB, for air/ground comms, as VXE-6
aircraft deploy & begin operations in Antarctica. Also check out
11552 kHz for increased xmsns from USN Antarctic stations.....

- **** ANTARCTICA ****
**** SHIPS ****
U 0200 NIKE- USS DWIGHT D. EISENHOWER-p/p via WOX (BLA-PA)
U 0035 NSDT- CGC CAPE SHOALWATER wkg CG Miami (BLA-PA)
U 0021 NSDT- CGC CAPE SHOALWATER wkg CG Portsmouth (BLA-PA)
U 0434 NQSP- CGC VIGOROUS wkg CG Boston MA (RMS-NY)
U 0443 NMAG- CGC HAMILTON wkg CG Portsmouth VA (RMS-NY)
U 0313 NBVC- CGC UNIMAK wkg CG Portsmouth VA (RMS-NY)
U 0235 NRDT- CGC TANEY wkg CG Portsmouth VA (RMS-NY)
U 0335 NMAG- CGC HAMILTON wkg CG Miami FL (RAL-OH)
U 0158 NHIC- CGC VIGILANT wkg CG Boston MA (RMS-NY)
U 0111 n/v VOYAGER wkg Rabaul MARCO (SAC-AUST)
U 1228 C 1307 VOWX- SAGUENAY wkg Halifax CG Radio (RC-VT)
U 1309 ELAF- HOUSTON ACCORD wkg Slidell LA MARCO (RC-VT)
U 1240 WTEA- NOAA DISCOVERER wkg CG San Francisco (JDM-MN)
U 0600 NRPQ- CGC CITRUS wkg CG San Francisco CA (BLA-PA)
U 0028 NSDT- CGC CAPE SHOALWATER wkg CG Miami (BLA-PA)
U 0405 LITVA- NORWAY wkg Ft. Lauderdale FL MARCO (RMS-NY)
U 0425 FIAE- VOLENDAM wkg Ft. Lauderdale MARCO (RMS-NY)
U 1288 C 1012 n/v PRIMA p/p via Ocean Gate MARCO (JDM-MN)
U 0335 barge MIDLAND wkg KallsPELL MT (HCB-WA)
U 0012 n/v PRIMA p/p via Ocean Gate MARCO (JDM-MN)
U 2115 NFXD- CGC EVERGREEN p/p via CG Portsmouth VA (RWP-ME)
U 1706 fishing vessel TULURE wkg KWI (HCB-WA)
U 1901 CBEM- ISLAND PRINCESS c/g KWI San Francisco (HCB-WA)
U 1552 fishing vessel ARCTIC FOX wkg WHG (HCB-WA)
U 1243.3 U 1940 tug HELDA MORAN wkg WE? (HCB-WA)
U 1645 fishing vessel VERA CRUZ wkg WHG (HCB-WA)
U 1550 fishing vessel VICTORIA CITY wkg WHG (HCB-WA)
U 0507 KVFV- PENROD 76 c/g WOM (AK-MD)
U 1043 LNVF- SONG OF NORWAY wkg WOM (RWP-ME)
U 12575a C 1911 KIHV- COVE RANGER wkg Slidell LA MARCO (RC-VT)
U 1721 KQJB- SEALAND DEFENDER wkg KFC Seattle WA (HCB-WA)
U 2018 MO6272- ALICE MORAN wkg WBV Pt. Richmond NY (RUL-CA)
U 1805 GLXH- HMS INTREPID wkg GKU77 Portishead UK (IK-UK)

*** That's it for this column, now back to the first page, left hand column.....

USSR: 14470 1700 REB24- TASS Moscow- EE/NX 66/425r (RLP-NY)
URGI: 6993 2347 CVK69- AP Montevideo SS/NX 66/425r (AM-UK)
VIET: 19479.5 0710 XVF2- Hanoi FTP - t/c 66/425n (AM-UK)
YUGO: 9950 1610 YZF- TANJUG Belgrade- EE/NX 66/425n (RMA-FRAN)
17610.1 1800 TANJUG Belgrade SS/NX 66/425r (RMA-FRAN)
19865 1530 YZJ4- TANJUG Belgrade - SS/NX 66/425r (RLF-NY)
SHIP: 12526a 1922 UYCR- MIRONITCH- c/g CLA- 66/170n (RWA-IA)

*** Will hold off on QSL returns until next month.....

*** the 52 ute contributors to this months column were:

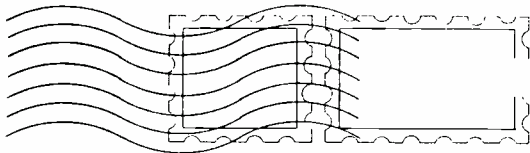
- (RMA-FRAN) Roger Aked (IK-UK) Ian Kerr
(BLA-PA) Brian Alexander (PTK-IL) Patrick Kerrigan
(RMA-IA) Rodney Alexander (AK-MD) Anthony Kobylski
(HCB-WA) Hobart Beal (RAL-OH) Robert Leary
(JEB-CA) Jason Berrri (AVL-NJ) Alan Leder
(?B-PA) ? Beiter (JPL-MS) James Levy
(DXB-WA) Donald Black (RUL-CA) Robert Lewallyn
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(DAH-WA) David Houde (BCW-FL) Bernie Wimmers
(HGJ-TX) Howard Johnson (TUY-MD) Thomas Yingling

*** I need someone to temporarily take over editing duties, for two or three consecutive months. You would configure the ute column in a standard page arrangement, and not the involved compressed rotated format. If any of you feel qualified, please contact:

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JOHN KAPINOS
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SHREWSBURY, MA 01545

Deadline: 12th of the month

QSL REPORTS

An important announcement before we get going, the deadline for the November issue has been changed back to the normal 12th, but, the deadline for the December issue will be November 5th. Sorry for any confusion caused by this flip-flop, but that's the way my personal vacation schedule came out.

EUROPE

- AUSTRIA:** ORF, 5945, f/d Moosbrunn Transmitter Card in 47 days (Latko-OH), f/d "Snail with Castle" card in 46 days (Casavan-PQ); 2770, f/d Art cd in 80 days (Welch-MA), f/d "Lovers" card in 46 days (DeShazo-TN), f/d "Alpine Cabin" cd in 78 days, 2 IRC (Ruckman); 12015, f/d "Rest and Recreation in Eastern Austria" cd in 61 days (Smith-FL), f/d "Austrian Challenge" art card in 76 days (Greenbauer-AZ), f/d "Lovers" card in 56 days (Speer-CA). Skeds, stickers and report forms were also received.
- BELGIUM:** BRT, 11695, f/d "Hugo Van de Goes" cd and pennant in 34 days (Stephany-NY, f/d letter in 39 days (Hamer-MN); 15210, f/d Transmitter cd in 16 days (Schlesinger-TX); 17595, f/d "Gerald David" cd in 34 days along with sticker and DX Club membership card (Stephany).
- BULGARIA:** Radio Sofia, 9700, f/d card in 70 days (Mockler), same in 37 days (Drollinger-WI); 11725, same in 70 days (Smith-FL); 11860, f/d cd in 60 days along with sked (Levyva-MS).
- CZECHOSLOVAKIA:** Radio Prague, 7345, f/d cd in 103 days (Ulmer-LA), same in 79 days (Zolla-CA), in 120 days, 2 IRC (Ruckman); 11990, same in 51 days (Speer-CA). Not the quickest, but a reliable verifier (kap).
- DENMARK:** Radio Denmark, 15165, f/d "1/4th of Painting" card in 14 days, IRC (Kanon-NY), same in 33 days (Stephany-NY), same in 41 days (Van Horn-TX); 17770, same in 46 days (Welch-MA). The 1/4th of the painting cards are sent out randomly, so it may take a batch of reports to get the whole picture. Also, they do not have pennants or stickers at this time (kap).
- ENGLAND:** BBC, 15260, usual n/d Thames cd in 30 days (Beiter-PA). Only way to get a f/d card from England is via VOA-Wooferton (kap).
- FINLAND:** Radio Finland, 15400, n/d "Ceramic Dinner Set" cd in 40 days (Beiter) 17800, n/d Finish Design Jewelry cd in 48 days (Greenbauer-AZ); 21475, same cd in 83 days (Hesch-NY), n/d Folk Dancers cd in 64 days (Levyva-MS).
- FRANCE:** RFI, 21620, f/d 50th Anniversary cd in 24 days (Grishin-ONT).
- GERMANY, EAST:** RBI, 21465, f/d Clock Tower cd in 36 days (Grishin).
- GERMANY, WEST:** DEUTSCHE WELLE, 6085, nd cds in 169 days (Christopher-NJ), in 62 days (Ruckman); 9590, n/d Studio in Cologne card in 27 days along with pennant (Stephany-NY); Sudwestfunk, 7265, date/frequency card in ?? (jones-VA).
- GREECE:** Radiophonikos Stathmost Makedonias, 15040, f/d ERT card in 31 days, IRC (Streeter-NY). It's been published elsewhere that this is a Pirate or Clandestine, not so, it's a domestic service of ERT, the Voice of Greece (kap); VOA Kavala Relay, 21540, f/d Golden Gate Bridge card in 8 days (Hensley-TX).

- HUNGARY: Radio Budapest, 9835, f/d cards in 19 days (Streeter-NY), in 29 days (Welch-MA), in 82 days (Smith-FL), in 26 days (Ulmer-LA); 11910, same in 18 days (Morgan-NC); 17710, same in 2 months (Harrington-CO).
- ITALY: RAI, 9575, f/d Art Work card in 93 days (Yingling-MD), f/d Pernini Sculpture cd in 104 days (Speer-CA); 11800, same in 209 days (Pfeffer-NY), f/d painting cd in 98 days (Drollinger-WI).
- MALTA: Xandir Malta, 5960, f/d letter and travel brochure in 106 days, 3 IRC (Christopher-NJ); International Christian Radio, 9515, f/d CN Tower card in 3 months (Morgan-NC), in 60 days for 35¢ Canadian ms (Kanopka-NY), in 20 days, IRC (Latko-OH), in 90 days (Grishin-ONT).
- MONACO: TWR-Monte Carlo, 9495, f/d cd in 106 days (Levy-MS).
- NORWAY: Radio Norway - "Radio Top of the World", 11875, f/d "Spring Thaw" card and brochures in 18 days (Stephany-NY).
- POLAND: Radio Polonia, 9525 and 15120, f/d cards in 46 days (Van Horn-TX), in 46 days, IRC (Ulmer-LA), in 85 days (DeShazo-TN), in 45 days (Sable-NY), in 81 days (Drollinger-WI), in 100 days (Levy-MS), in 54 days (Kapos). Looks like they are back to QSLing regularly (kap).
- PORTUGAL: Radio Portugal, 9575, 11925, f/d cards in 38 days (Speer-CA), in 22 days (Ulmer-LA), in 13 days (Hensley-TX), in 42 days (Morgan-NC). Radio Portugal has many different QSL cards, as the just rubber stamp the back of regular post cards. (kap).
- ROMANIA: Radio Bucharest, 9570, f/d Vidraru Dam card in 120 days (Ross-ONT), 11840, f/d "Spring" card in 134 days (Surprenant-MA); 15255, f/d Vidraru Dam card in 133 days (Stephany-NY).
- SPAIN: Radio Exterior de Espana, 9630, f/d art card in 26 days (Hamer-MN), same in 42 days (Thompson-NM), in 37 days (Miller-CA); 11880, f/d World Cup card in 30 days (Speer-CA).
- SWEDEN: Radio Sweden, 11705, card in 32 days, 2 IRC (Ruckman), same in 9 days (Kanon-NY).
- SWITZERLAND: SRI, 11715, f/d Studio card in 20 days, IRC (Bristoll-CA), fd "Alpine" card in 18 days, 2 IRC (Ruckman), f/d HQ card in 25 days (Speer).
- VATICAN CITY: Radio Vaticana, 11740, f/d 50th Anniversary card in 12 days, IRC (Kanon-NY), 11845, same cd in 41 days (Smith-FL).
- YUGOSLAVIA: Radio Yugoslavia, 9620, f/d Belgrade scenes card in 103 days after follow up, 1 yr, 6 months total (Kanopka-NY); 15240, same card in a total of 504 days, several follow ups (Howarth-WA). Takes a bit of patience here, folks (kap).
- ICELAND: (whoops, out of order), ISBS, 13797, f/d Thingvellir card in 26 days, IRC (Grishin-ONT).

AFRICA

- ASCENSION: Radio Atlantico Del Sur, 9710, n/d "Bringing the Truth to the Front" card in 23 days (Robichaud-New Brunswick), same in 2 months, 2 IRC (Smith-TN). The BBC refused to broadcast "propaganda", so the Ministry of Defence commandeered one of the Ascension transmitters. (kap) BBC ATLANTIC RELAY, 15400, usual no data Thames cd in 60 days (Lord-CA)
- CANARY ISLANDS: REE Tenerife Relay, 15365, f/d World Cup card and sked in 49 days (Schlesinger-TX).
- CAMEROON: Radio Garoua, 5010, f/d letters in 9 months, 2 IRC (Sherwood-MA), in 224 days, 2 IRC (Streeter-NY), in 7 weeks after follow up, IRC (Wilkins-CO), in 100 days, IRC, FF report (Ross-ONT).
- IVORY COAST: Radio Abidjan, 11920, p/d map and antenna cd in 42 days, FF report, ms (Thompson-NM), f/d card in 5 weeks after follow up, ms (Wilkins-C).
- KENYA: Voice of Kenya, 4915, f/d aerogramme in 16 days, 2 IRC (Blom-NY); 4934, same in 14 days, IRC (Cohen-PA).
- LESOTHO: Lesotho National Broadcasting Service, 4800, f/d flag card in 5 months, 2 IRC (Leite-MA), same in 144 days, 3 IRC (Streeter-NY).

LIBERIA: ELWA, 4765, f/d "Studio and Transmitter" card in 68 days, ms (Stephany-NY), 11930, same in 71 days, 2 IRC (Drollinger-WI), in 6 weeks, IRC (Wilkins-CO); VOA Monrovia Relay, 6035, f/d Golden Gate cd in 28 days (Streeter-NY); 7280, same in 16 days (Thompson-NM); UN Radio via Monrovia, 15240, f/d cd in 19 days (Ruckman).

MALDIVES: Voice of Maldives, 4754, f/d embossed card in 99 days for 2 IRC and local postcard (George-FL). Nice, very nice (kap).

MOROCCO: Radiodiffusion TV Marocaine, 17705, f/d purple map card and sekd in 117 days, IRC (Parks-FL).

MOZAMBIQUE: Radio Mozambique, 4855, f/d World Map card in ??, also rcvd a personal letter, EE report and 2 IRC (Streeter-NY). Very nice, Bob, long time since one of these was reported (kap).

NAMIBIA: Radio SWA, 7190, f/d card in 29 days, IRC (Witte-CA).

NIGERIA: Voice of Nigeria, 15120, f/d Remembrance Arcade card in 198 days, (Stephany-NY); Kwara State Broadcasting Corp., 7145, f/d form letter in 46 days, 2 IRC (Fisher-MA). Address is PMB 1345, Ilorin, Kwara State.

RWANDA: DW-Kigali, 21600, n/d DW card in 70 days (Speer-CA).

SEYCHELLES: FEBA, 15200, n/d Map cards in 25 days, 2 IRC (Schlesinger-TX), same in 29 days, 3 IRC (Kanon-NY).

SOUTH AFRICA: SABC, 4835, f/d card in 21 days, IRC (Greenbauer-AZ); Radio RSA, 9680, f/d cd 26 days along with pennant (Stephany-NY); 15325, same in 31 days, IRC (Thompson-NM); 17775, in 25 days, 2 IRC (Ruckman).

UGANDA: Radio Uganda, 15325, f/d Building card in 135 days (Surprenant-MA), same in 35 days, IRC, 5th try (Schlesinger-TX).

UPPER VOLTA: Radiodiffusion TV Voltaique, 4815, f/d Africa Map form letter in 77 days, FF/EE report, IRC (Wilczek-IL); same in 4 months, 1 month after follow up, FF report, ms (Lazarus-LA). A toughie here, folks (kap)

ZAMBIA: ZBS, 4911, f/d post card in 30 days, 2 IRC (Blom-NJ). Nice.

MIDDLE EAST

AFGHANISTAN: Radio Afghanistan, 9665, f/d card in 38 days, 2 IRC (Kanopka-NY), same in 36 days, 2 IRC (Schlesinger-TX).

EGYPT: Radio Cairo, 9475, f/d cards in 64 days (Hesch-NY), in 120 days (Chinsky-NY), in 130 days (Grishin-ONT). Yes, RITA was the v/s (kap). Now for the contest, for the first genuine autographed picture of dear RITA received here, we'll a one year sub to the SPEEDXGRAM and a couple of pennants from our personal duplicate files. Don't laugh, several years ago she was sending them out. Only catch is that only one winner, ties to be settled by postmark (kap).

IRAN: VOIRI, 15084, f/d "War" propaganda card, 2 more "propaganda" post cards and friendly note in 138 days (Wilczek-IL). Ah, why waste the energy in saying something nasty this time (kap).

ISRAEL: Kol Israel, 9815, f/d card in 43 days, 2 IRC (Ruckman), same in 37 days (Thompson-NM), same in 38 days (Harrington-CO); 11640, Map Card in 30 days (Speer-CA).

QATAR: Qatar Broadcasting Service, 15505, f/d Map & Seal card in 100 days, 3 IRC (G. Raymond-MA), same in 5 months, 1 month after follow up, 2 IRC (Lazarus-LA).

SAUDI ARABIA: BSKSA, 15060, f/d logo card, postcards and sekd in 141 days, after follow up, 15 months total (Wilczek-IL).

UNITED ARAB EMIRATES: Radio Dubai, 15320, f/d Map & Logo card and pennant in 27 days (Welch-MA); 17775, same in 53 days (DeShazo-NY), same in 31 days (Schusinger-OH).

ASIA

BURMA: BBS, 5985, f/d Logo cards in 140 days, 2 IRC (Witte-CA), in 18 weeks (Wilkins-CO), in 145 days, 2 IRC (Schlesinger-TX).

CHINA: Radio Peking, 15120, 15520, 17680, 17855, f/d cards in 33 days (Ruckman), in 21 days (Levy-MS), in 45 days (Grishin-ONT), in 18 days (Ulmer-LA), in 18 days (Morgan-NC), in 16 days (Stephany-NY), also in 16 days (Speer-CA). Pennants, skeds and postcards also received.

CYPRUS: BBC Relay, 15420, usual n/d card in 6 weeks (Annis-IN).

INDONESIA: RRI Gorontalo, 3265, f/d II letter in 10 weeks for II report and ms, v/s Abdul Fattah (Tait-AUSTRALIA); RRI Pontianak, 3995, same in 361 days, II report, ms, v/s Suryanta Saleh (Tait).

JAPAN: Radio Japan, 9505, 17755, 17825, 21610, 21640, p/d cards in 35 days (Ross-ONT), 37 days (Speer-CA), 15 days (Miller-CA), in 27 days (Smith-FL), in 27 days (Thompson-NM), 23 days (Greenbauer-AZ), in 25 days (Ruckman). Two notes here, most Radio Japan cards are NOT full data, the time is usually omitted, also return postage is not needed (kap).

KOREA, SOUTH Radio Korea, 9570, 9720, 11830, f/d cards in 24 days, 3 IRC (Kanon-NY), in 22 days (Ulmer-LA), in 27 days (Hahn-CA), in 19 days (Miller-CA), in 24 days (Beiter-PA), in 19 days (Hensley-TX). Here's another station where return postage is not needed.

MALAYSIA: RTV Malaysia - Sarawak, 4950, f/d Broadcasting House card in 66 days, IRC (Wilczek-IL)

PAKISTAN: Radio Pakistan, 17640, f/d Badshahi Mosque in Lahore card in 110 days, IRC (Stephany-NY).

SRI LANKA: AWR-India (Radio Monitors International) via SLBC, 4940, f/d RMI card and sked in 7 days (Shreedhar-INDIA). Here's some information thanks to Adrian Peterson of AWR-India. SLBC receives several Million letters per year, mostly from listeners of their commercial service in India. They just do not have the staff to open every letter and QSL reports, the QSLs that are issued are a matter of some luck. Mr. Peterson suggests that the best way to get a Sri Lanka QSL is via AWR-India. He does appreciate return postage and assured me that every report is read and correct ones are always verified. It was my great pleasure to meet Adrian in Montreal at ANARC-82. He is one of the very few International Broadcasters that is also an active DXer. A true gentleman. Oh, just to avoid any misunderstandings, reports to AWR-India should only be sent on AWR programming, not for the regular commercial service of SLBC (kap).

TURKEY: Voice of Turkey, 9560, f/d cards and Sunshine Radio pennants in 27 days (Stephany-NY), in 29 days, IRC (Kanon-NY). The pennant is a new one, quite striking.

VIETNAM: Voice of Vietnam, 10080, f/d card in 59 days, 3 IRC (Ruckman).

USSR

Radio Moscow Sites:

Armavir, 17700, 47 days (Kanon-CA, NY)
Ivano-Frankovsk, 15520, 43 days (Parks-FL), 15.53, 2 months (Harrington-CO)
Khararovsk, 11770, 34 days (Smith-FL)
Kharkov, 15540, 47 days (Kanon-CA)
Lvov, 9700, 57 days (Wilczek-IL), 56 days (Smith-FL)
Moscow, 9500, 60 days (Shreedhar-INDIA); 4860, 57 days (Wilczek); 9600, 57 days (Wilczek, 11960, 63 days (Surprenant-MA), 12070, 22 days (Rob-ichaud-NB).
Minski, 11735, 5 weeks (Wilkins-CO), 2 months (Harrington-CO)
Petropavlovsk-Kamchatsky, 12010, 2 months (Harrington), 56 days (Smith-FL), 36 days (Hahn-CA).
Serpukhov, 15450, 47 days (Kanon-CA, NY)
Simferopol, 15130, 11705, 47 days (Kanon-CA); 15455, 2 months (Harrington)
Tbilisi, 15500, 43 days (Parks-FL)
Tula, 12.03, 2 months (Harrington)
Vinnitsa, 21750, 70 days (Smith-FL)
Vladivostok, 11850, 45 days (Schlesinger-TX).

Radio Baku, 4785, f/d card, sked and stamps, 144 days (Wilczek-IL).
Radio Station Peace and Progress, 17795, f/d cd in 60 days (Ross-ONT), same in 26 days (Stephany-NY)
Radio Kiev, 9710, 11735, f/d cards in 52 days (DeShazo-NY), in 42 days (Venckus-IL), in 44 days (Speer-CA).
Radio Tashkent, 15460, 17835, f/d cards in 42 days (Grishin-ONT), in 41 days (Ulmer-LA), in 31 days (Grishin).
Radio Vilnius, 11770, 17835, f/d plain white card and folder in 81 days (Van Horn-TX), in 82 days (Casavant=PQ), in 62 days (Kapinos). At least it didn't take 4 years like the last one did.

OCEANIA

AUSTRALIA: Radio Australia, 9580, 15115, 17795, f/d Australian Animals cards in 15 days (Grishin-ONT), in 20 days (Welch-MA), in 17 days (Schulsinger-OH), in 30 days (Beiter-PA), in 30 days (Wilczek-IL), in 11 days (Kanon-NY), in 70 days (Shreedhar-INDIA); VLI6-Sydney, 6090, f/d Map card in 376 days, 2 IRC, 54 days after follow up (Streeter-NY); VW9-Wanneroo, 9610, f/d Map card in 37 days, IRC (Stephany-NY), same in 20 days (DeShazo-NY).
COOK ISLANDS: Radio Cook Islands, 11760, f/d card, 41 days, 2 IRC (Blom-NY).
GUAM: KTWR, 11840, f/d card in 20 days, 40¢ U.S.ms (Drollinger-WI), same in 16 days, 40¢ ms (McCants-AL); 11920, same in 10 days, ms (Speer-CA).
NEW ZEALAND: Radio New Zealand, 17705, f/d card in 56 days, 4 IRC (Stephany-NY); same in 96 days, 3 IRC (Van Horn-TX).
PAPUA NEW GUINEA: Radio East Sepik, 3335, f/d Map card in 6 weeks, IRC (Wilkins-CO); NBC-Port Moresby, 9520, f/d Map card in 20 days, 3 IRC (Kanon-NY)
SOLOMON ISLANDS: SIBC, 5020, 9545, f/d Logo cards in 41 days, IRC (Drollinger-WI), in 33 days, 2 IRC (Hesch-NY), in 22 days, 2 IRC (Eramo-MA), in 6 weeks, IRC (Wirrell-MA).

SOUTH AMERICA

ARGENTINA: RAE, 9690, f/d card, brochures and ms in 25 days (Van Horn-TX); 11710, same in 26 days (Robichaud NB).
BOLIVIA: Radio Padilla, 3480, f/d Prepared card and letter in a total of 2 years, 3 months, 2 months after 5th follow up, SS report, ms, v/s Amanda Paredes (Lazarus-LA); Radio Stentor, 6090, f/d Prepared card in a total of 3 years and 3 months, SS report, ms, v/s Fernando Chappe Z. (Lazarus). Henry Lazarus' secret of getting so many exotic QSLs is to keep following up until the QSL is received. This might take a few years in some cases (kap), Radio 27 de Diciembre, 3350, date/freq plain white card in 34 days for SS report and ms, v/s Fernando Darien Juarez (George)
BRAZIL: Radio Bras, Radio Nacional, 15125, 15290, 17830, f/d cards in 5 months (Tait-AUSTRALIA), in 114 days (Drollinger-WI), in 138 days along with sked (Grishin-ONT), in 140 days (Levyva-MS), in 112 days (DeShazo-NY), in 6 months (Ulmer-LA), in 23 days along with requested map of Brazil (Zolla-CA), in 154 days, ms (Christopher-NJ), in 27 days (Latko-OH), in 47 days, 2 IRC (Ruckman); and now, the REGIONALS; Radio Brasil Central, 4985, f/d letter in 34 days, PP report, ms, v/s Luiz E. de Carvalho, Gerente (Schlesinger-TX); Radio Excelsior, 9585, freq only Logo card in 21 days (Wilczek-IL); Radio Gaucha, 11915 no data form ltr and stickers in 38 days, PP report, ms, v/s Flavio Luiz Da. R. Fleck (Schlesinger); Radio Assuncao, 3315, f/d letter and postcard in 132 days for PP report and 3 IRC (George-FL); Radio Ribeirao Preto, 3205, f/d Prepared card and date only QSL card in 1 year, 19 days after 2nd f/u, PP report, ms (Lazarus-LA); Radio Jornal Do Brasil, 4875, white and orange f/d Folder in PP and EE in 1 year, 3 months, 19 days after 4th f/u, PP report, ms (Lazarus); Radio Cultura - Campos, 4955, f/d Prepared card, 1 year and 5 months, 18 days after 2nd follow up, PP report, ms, v/s Dr. Ricardo Ferreira Lima (Lazarus); Radio Marajoara, 4955, f/d prepared card and personal letter in 6½ months, 13 days after 2nd f/u, PP report, ms, v/s Jayme Ferreira Bastos (Lazarus) Quite a group, folks .

CHILE: Radio Minería, 9750, n/d Antenna cd in 54 days, ss rpt, IRC (Parks)

COLOMBIA: Radio Neiva, 4855, p/d card in 37 days, SS report, ms, v/s Edith Arias M., Secretaria (Schlesinger-TX).

ECUADOR: L V de Rio Tarqui, 3285, f/d "Certificado de Sintonía" in 60 days, SS report, IRC, v/s Alicia Pulla Celleri (Huffaker-MEXICO); Radio Pan-americana, 3290, date/freq 2 page personal letter along with post card, and small pennant in 104 days, SS report, ms, v/s Luis A Llerena, P. Address is Carreva Montalvo No. 106, Quero (Streeter-NY); Radio Quito, 4920, n/d folder card in 103 days for SS report, ms (Levy,MS); Radio Jesus del Gran Poder, 5050, n/d form letter and pennants in 93 days, SS report, ms (Schlesinger-TX), in 61 days, SS report, IRC (Fisher-MA); HCBJ, The Voice of the Andes, 15115, 15155, 15180, 11740, 6130, 26020, f/d cards in an average of 6 weeks (Stephany-NY, Ulmer-LA, Smith-FL, Ross, ONT, Welch-MA, Kapinos).

PARAGUAY: Radio Nacional, 11915, f/d registered letter in 2 months, 3rd f/u, for SS report and 2 IRC (Witte-CA); same in 28 days, SS report, 2 IRC (McLain-CA).

PERU: Radio Cultura Amauta, 4955, no data personal letter in 56 days, SS report, v/s Saturnino Gavilan N., Administrador (Wilczek-IL); Radio del Pacifico, 9675, f/d Ruins of Machu Picchu card in 152 days, SS report, ms (Schlesinger-TX); Radio Atlatida, 4790, date/freq letter in 210 days, SS report, ms (Schlesinger); Radio Esmeralda, 5049, f/d Prepared card and personal letter in 8½ months, 1 month after 2nd f/u, SS report, ms, V/S Bertha Diaz Meza (Lazarus-LA); Radio Madre de Dios, 4950, f/d Prepared card and personal letter in 15 days, SS report, ms, V/S Frco. Javier Aniz O.P. (Lazarus)

URUGUAY: Radio El Espectador, 11835, f/d Logo card in 14 weeks for SS report and m/s (Wilkins-CO).

VENEZUELA: Radio Occidente, 3225, date/freq letter in 65 days for SS rpt, ms, also rcvd local postcard, v/s Berte Puenta A. (Stephany-NY); Radio Yaracuy, 4940, f/d letter in 1 year, after 2 follow ups, SS report, 2 IRC (Raymond-MA).

NORTH AMERICA

CLANDESTINE: La Voz de Alpha 66, 7040, f/d Prepared card in 9 months for SS report, v/s Andres Nazario Sargen, address, P.O. Box 420067, Miami, FL 33142 (Lazarus-LA).

BONAIRE: Trans World Radio, 11755, f/d card in 45 days, ms (Stephany-NY); same in 14 days (Van Horn-TX); Radio Netherlands Relay, 6165, 9755, 9590, 21685, f/d cards in 74 days (Demmitt-PA), in 15 days (Koehler-IL), in 29 days (Venckus-IL); in 58 days, 2 IRC (Hamer-MN).

CANADA: Radio Canada International, 5960, 9755, f/d Do It Yourself cards in 20 days (Robichaud-New Brunswick), in 75 days (Stephany-NY), in 49 days (Speer-CA), in 20 days (Ross-ONT), in 43 days (Drollinger-WI). Pennants, skeds and stickers wre also received. CFCX-Montreal, 6005, f/d Montreal Skyline cd in 13 days, ms (Kanon-NY), p/d same card in 90 days (Stephany-NY); CFVP-Calgary, 6030, p/d Calgary view card and Calgary Stampeders (Canadian Football League) stickers in 15 days, after a f/u, 10 months total (Wilczek-IL); CFRX-Toronto, 6070, p/d CFRB Marine Mobile card in 15 days, ms (Schulsinger-OH); CHNX-Halifax, 6130, f/d "Canada's Ocean Playground" and that it is (kap), card in 14 days (Kanon-NY); CBC Northern Quebec Service, 9625, "Eskimos and Igloos" card in 113 days, also got pennant ans sked (Stephany-NY).

CUBA: Radio Havana, 9525, 11930, f/d cards in 160 days (Ross-ONT), in 5 months (Taylor-AZ), in 133 days (Greenbauer-AZ), in 133 days (Ruckamm), in 5½ months (Kapinos); Radio Moscow Relay, 9600, 11840, f/d cards in 5 weeks (Wilkins-CO), in 30 days (Ross-ONT), in 6 weeks (Kapinos). Yes, another contest, the prize is a pennant of my choice. Several years ago another "Communist" station used the facilities of Cuba for EE broadcasts to North America. Name the station and when the transmissions wre halted. Same rule applies, only one winner, postmark determines ties. (Kap).

HAITI: Station 4VEH, 11835, f/d card in 28 days, ms (Stephany-NY).

HONDURAS: HRVC, 4820, f/d card in 15 days, 2 IRC (Hensley-TX), same in 14 days (Stephany-NY), same in 14 days, IRC (Kanon-NY).

MEXICO: R. Universidad de Sonora, 6115, no data logo card in 87 days for SS report and 2 IRC (Speer-CA); XERMX-Radio Mexico, 15430, f/d card in 45 days, SS rpt, ms, new address is Apt. 24306, 06700 Mexico City, DF (Stephany-NY)

U.S.A. WYFR, 5985, 9675, 9715, 11830, 15365, f/d cards in 34 days (Ruckman), in 47 days (Ulmer-LA), in 11 days (McCants-AL), in 18 days (Van Horn-TX, in 59 days (McCants); L.V. de las OEA, 15160, via Greenville, date only form letter in 64 days, ms (Parks-FL); U.N. Radio via Greenville 15120, f/d card in 7 days (Van Horn); in 20 days (Stephany-NY); VOA via Greenville, 5995, f/d cd in 13 days (McCants-AL); VOA via Bethany, Ohio 15385, f/d card in 14 days (Welch-MA); and last but not least, WRNO - New Orleans, various frequencies, p/d "certificates" were received by the following (Beiter-PA, Kanon-NY, Robichaud-N.B., O'Riordan-ID, Stephany-NY, Chinsky-NY, Pfeffer-NY)

U.S.A. (Idiots): ZXPR, Kids Playing Radio (yes, that's what they called themselves), 6249, f/d "Paper" in 1 week for ms (George-FL). Since ye olde kap is sick and tired of these morons, this will be the last U.S.A. "hobby" pirate that will ever be mentioned in this column. (kap).

KAP'S COMMENTS:

It was great to meet so many great folks at ANARC-82 in Montreal. I'd like to mention all the folks I met, but space does not permit it. Thanks to all of you who had such nice comments on our effort of putting out this column. As mentioned under "Sri Lanka", it was certainly my great pleasure to meet Adrian Peterson of AWR-India. To the Ontario contingent, thanks for the hospitality. To Ian McFarland of RCI and Dave Browne of ANARC, a job well done. And, to the folks at the Holiday Inn-Place Dupuis, thanks for your patience when the "battles of Room 2610" were going on.

Thanks also to Terry Klasek of St. Louis who sent along the bag full of duplicate pennants and pins. Yes, Terry, these will be used as prizes in our upcoming contests. If anyone out there has any ideas for contests, let me know. I can use all the help I can get. Of course, anyone suggesting a contest is ineligible for that particular one. Fair is fair.

Sam Barto's Famous NEADO Outing is coming up soon, Spetember 17-19th to be exact, to be held in Waterbury and Watertown, CT. Many DXers from the Northeast will be in attendance, ye ed included. Since time is tight, give Sam a call at (203) 589-0083 for full details. This is Sam's 7th annual effort, not one but two HAP auctions will be held.

On another area, I mean what I said under "U.S.A. Idiots". There are a couple of clubs around who cater to this type of stuff, so send your QSLs to them. To keep the record straight, we will accept European Pirate and North American true "Clandestines" (ala Radio Venceremos) QSLs for the time being.

Don Johnson at El Elsinore tells me that folks are just clamoring for the place to get ms (mint stamps). Here goes, DX Stamp Service, 83 Roder Pkwy., Ontario, NY 14519. Send along a SASE for a current price list.

Again, it's always appreciated when properly cut up QSL report forms are used, but, as per practice, if I can read it, I'll use it. No problems with other clubs' reporting forms, either.

Je't aime, Molson Brador

*Best
Kap 8.14.82*

Tips and Topics

THE FEATURE SECTION OF SPEEDX

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

RECEIVER REVIEW

THE PANASONIC RF-085 PORTABLE RECEIVER
by Kevin Davidson, SC

In the continuing saga of my search for a suitable receiver to take traveling, I have purchased a Panasonic RF-085. This receiver has proved eminently suitable for my purposes. It also provides an interesting study in the trade-offs between price and features.

First, the specifications: Receiver size is 7" X 4½" X 1½". Sensitivity is 5 uV. The unit tunes continuously from 2 to 18 MHz plus FM and MW.

After having my DX-60 demolished in airline luggage, I knew that a traveling receiver must be easily carried by hand. The RF-085 fits that bill. It is just the size of a paperback book! Remarkably free from projections and snags, I did accidentally turn it on once when slipping it into a pocket.

There are 5 recessed controls: off/on, band selector, volume, tone and tuning. The unit comes with an earphone and is powered by 4 AA cells or an external 6-volt supply. Battery consumption is reported to be low (see review in WRTH '81). External antenna connections are available for shortwave and FM. There is a 30" collapsible whip antenna and a carrying strap. The receiver comes with a 2-year warranty and is available for \$79.95. The receiver may be hard to find in retail stores, but is available by mail from Spectronics.

In order to keep the price down, this receiver has minimized features and concentrated on doing a few things well. For example, the tuning range is limited (omitting 13 meters). I think that this receiver is suited only for receiving broadcast stations. Since there is no BFO, CW and SSB reception is out. Also images from strong broadcasters plague the in-between frequencies. Next to the compact size, the next most outstanding feature is the excellent audio quality. The sound is truly remarkable and derives, in large measure, from the powerful speaker magnet. (The owner's manual warns the user to keep away from watches and magnetic tapes.) When the receiver is placed on a hard surface, the bass response is tremendous. In addition to the speaker, an unobtrusive AGC and adequate (SWL) selectivity result in above average clarity in reception. In a word, the receiver is quiet.

I suspect that every DXer thinks he has a talent for tuning—a special, delicate touch. He will need it here! About 2½ turns of a 25-cent-piece-sized knob covers 11 to 18 MHz. Tuning is difficult. The LED tuning indicator is some help in tuning, but is almost useless in assessing signal strength. Tuning is assisted by the absolute immunity to handling. The receiver can be put on a table or held in hand or lap with no effect on tuning (there are metal shields over the circuit board).

Carrying the radio around the house, I have received Egypt and Lebanon, most of the Europeans and Australia. Bot of the R. Australia 31-meter frequencies are reliable every morning. I have found tropical band reception to be poor with the whip antenna as would be expected.

The tuning is stable enough to leave the set tuned to a station and return to it the next day. Drift is not noticeable. The radio is free from overloading on shortwave when using the whip antenna. With an external antenna, it's a different story; overloading is so severe as to ruin reception on the powerful international bands. There is an overloading problem on FM even with the whip antenna. Here, near Greenville, SC, I have to collapse the whip to prevent overload. On a recent trip to Oklahoma City, I observed that the tuning indicator LED stayed on solid across the entire FM band; collapsing the whip helped.

The receiver has another annoying problem. Distorted images of strong FM stations appear on the shortwave bands. In Oklahoma City, there were several of these images—the worst of which obscured the low end of the 49m band. Here in Easley, only one image (from WMUU FM) appears around 11.5 MHz. I say "around" because even though the dial calibration is very accurate, markings appear only on every Megahertz (which is fine if all you listen to is WWV).

It's easy to say that this receiver really needs dual conversion, a trf stage, an antenna trimmer, better dynamic range, a BFO, bandspread, digital readout, a tuning meter, a noise blanker, variable AGC and the like, but then it wouldn't cost \$79.95.

The reason that I have such a positive overall reaction to the RF-085 is its practical utility. It is portable—put it in your pocket; the sound is clear—no squeals to upset the family and perfect for air travel.

Finally, the RF-085 has a subtle benefit for the DXer like me who listens more often for DX rather than content. It allows a more casual and informal opportunity for listening away from the "main receiver." There's a world of easy-to-receive fascinating programming out there.

|||||

DXING AIDS

TWO NEW VERY USEFUL PIECES OF EQUIPMENT BY R.L. DRAKE

by Fred Osterman, OH

THE "SURGE SHUNT" TRANSIENT ARRESTOR: It's that time of year again. . .our old friend lightning is back to put crashing bolts of static through our headphones. Lightning makes low frequency DXing unpleasant if not impossible, but there is an even more serious side to this menace. While lightning may give you a mere headache, it can blow the "brains" out of your receiver!

Some listeners feel that since their antenna is too low for a direct strike, that they need not worry about lightning. Folks this is not the case! According to a recent article in CQ Magazine, damage to solid state receivers is one thousand times more likely to occur from nearby strikes or static build up, rather than a direct hit. The state-of-the-art receivers that are in abundance now, have FET "front-ends" and extensive CMOS circuitry and are very sensitive to static charges. A technician I know who works on communications gear says that this stuff "blows" if you look at it wrong! That is an exaggeration, but not by much! Most of the components in this new gear can aptly be described as eight or sixteen legged fuses.

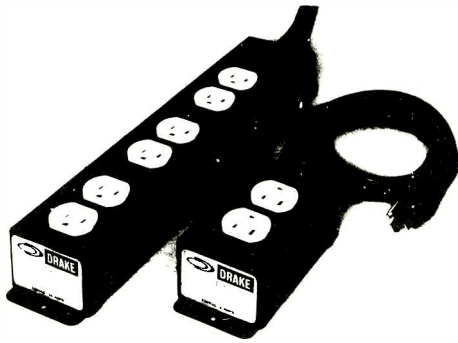


You say you already are using a lightning arrestor? If you were to break it open you would be surprised to find what is inside. . . nothing! Most arrestors work on a "gap" principle. There is a small adjustable air gap between the inner conductor and the outer ground. Ideally, when a large voltage enters the antenna it will "jump" across the gap and go to ground. These arrestors provide adequate

protection to tube radios, but afford almost no protection to solid state radios. The air gap arrestors are too erratic and unpredictable since the breakdown voltage cannot be accurately controlled with such a primitive device. To address this deficiency a new generation of protection devices have been developed. The respected Drake Company of Miamisburg, Ohio calls their new arrestors the "SURGE SHUNT". Now the "gap" is enclosed in a hermetically sealed ceramic tube filled with a special gas of known breakdown characteristics and response time. Since the gap is sealed, the response time will not be affected by temperature, humidity, pressure, etc. This makes for more reliable and predictable protection of your valuable equipment. The SURGE SHUNT offers other benefits over a conventional arrestor as well. When a high voltage is detected it is sent directly to the attached ground wire verses back into the ground of the receiving system. This "isolated ground" design is safer. The SURGE SHUNT can be installed at ANY convenient point in the coaxial feeding line with very low insertion loss.

Although the SURGE SHUNT cost more than a regular arrestor, it is a small price to pay for the improved protection of your receiving equipment. For more information contact your Drake dealer.

LF2 and LF6 LINE FILTERS: Computer and radio buffs will be interested in two new R.L. Drake products. These are the Model LF-2 and LF-6 Line Filters.

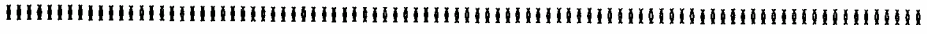


AC line noise can ruin reception and AC line transients (spikes) can ruin radios! The new Drake line filters can help us with both problems! Both filters are designed to pass the 60 Hz line frequency, but block radio frequency noise, called hash. Also these filters will block interference between equipment in the listening shack that is transmitted through the line. The LF6 cured the interaction experienced between a teleprinter and radioteletype demodulator used in our RTTY set-up. The filters achieve this with a 3 stage filter built into each duplex outlet. Also these units will give excellent spike protection blocking transients of up to

100 amperes. These transients can be caused by nearby lightning strikes and other high current line problems.

The LF2 has one grounded duplex outlet (accommodates 2 plugs) and the LF6 has three grounded duplex outlets (accommodates 6 plugs). Both units have 6 foot heavy-duty power cords. The LF6 has a 15 amp (3AG) fuse plus an illuminated on/off switch.

For more information contact your Drake dealer or write: R.L. Drake Company, 540 Richard Street, Miamisburg, Ohio 45342.



BOOK REVIEW

HOW TO TUNE THE SECRET SHORTWAVE SPECTRUM - A REVIEW

by Kirk Baxter, KS

Harry L. Helms, How to Tune the Secret Shortwave Spectrum
Published by Tab Books, #1185
Copyright 1981, \$6.95

While perusing the books in our county library the other day, I noticed in the new books section a title of interest. They had recently acquired a book by Harry Helms entitled How to Tune the Secret Shortwave Spectrum. Having read this book over the last couple of weeks, (it's really not that long—about 180 pages), I can recommend it to anyone that tunes between the regular SW bands for their listening enjoyment.

The book contains eleven chapters which I shall try to briefly describe. Chapter one discusses the evolution of clandestine broadcasting in the post-war era and in the different continents of the world—this gives a good historical perspective. Chapter two deals with espionage radio activity and discusses in full detail (but with few new revelations) all about those mysterious number stations. The book contains many frequency tables, and despite the fact that the book was written about two to three years ago now, some of the frequencies are still active. Chapter three deals with government and military communications and there are cursory discussions about diplomatic communications and the S.A.C. This material is fairly elementary for the average utility listener. Chapter four covers space communications and discusses satellites of the U.S. and other countries, along with a list of frequencies. Included is a list of launch support frequencies with some of the frequencies for Cape Radio (Cape Kennedy), a brief description about weather satellites, and Soviet satellite activity.

Chapter five covers "illegal communications", which Helms has subtitled "funny stuff in the ham bands". As Helms points out, the ham bands provide a good cover for spy communications because the large volume of stations offers a good camouflage. Also discussed is how the ham bands have been used by drug smugglers, terrorists, and other unusual groups. In this chapter the 10½ meter band is discussed along with eavesdropping techniques. Chapter six deals with pirate broadcasting in Europe and it covers such stations as R. Mercur, R. Nordsee International, Voice of Peace, R. Viking, Westside R., and Free R. Broadcasting Corporation, to name a few. For those (like myself) that don't know too much about European pirates, this chapter is a good summary of some of the activity that has been heard; and again there is a table of stations and frequencies of these pirates, although many are now inactive.

Chapter seven deals with pirate broadcasting in N.A., with a table listing stations from 1973 up to about 1979. The history of pirate radio is given, and WIT is listed as one of

the first pirates, initially heard in 1973, along with Radio Clandestine. Other stations discussed were Wild Turkey Radio, R. King Kong, WAPL, WHBC, WCPB, WDBX, KVHF, and the Voice of the Voyager. Anyone interested in the full history of this station is urged to read this section of the chapter. The station was reported to first be on the air on 12/25/77, and put off the air (what was thought to be once and for all) on 1/14/79.

Chapter eight deals with unknown and unidentified signals such as beacons, echos, the Russian woodpecker, and strange RTTY signals (which every RTTYer has heard). Chapter nine deals with receivers and clubs, with tables of the morse code and addresses of clubs. Chapter ten talks about the FCC and radio, and chapter eleven lists more recent loggings since Helms began writing the book in early 1979.

The book covers many interesting aspects of SW that are usually ignored, and does not contain the usual chapters about receivers, antennas, headphones, filters, propagation, and paraphernalia used in SWling, which is common for this type of book. My only complaint is that for a 'new' book, the most current listing is for late 1979; I suppose it takes a long time for editing and publishing. Perhaps Helms' newer book The SWL's Manual of Non-Broadcast Stations will be more current. (This newer book is listed at TAB #1235, \$12.95, 272 pages. It appears to deal mainly with utility stations and not the 'unusual' stations on the SW band.)

I would suggest that anyone interested in utility listening, or the unusual signals heard in our hobby, should take time to read this book. It provides a good summary for the beginner listener, and even the old timer could probably learn from this book.

A PERSONAL VIEW

HAM VS. SWL

by Mark W. Johnson

"Shortwave listeners are either too lazy or too stupid to become amateur operators."

"Oh, yeah? Hams are a bunch of inconsiderate slobos who are so wrapped up in their dits and dahs that they forget about the real world."

Does this exchange sound familiar? It should because it has been occurring whenever hams and SWLs confront one another. Unfortunately, this verbal confrontation often degenerates into an attack on the talents, mentality and ancestry of the parties involved.

Not only are these exchanges harmful to the radio communications hobby, they are ridiculous. Comparing hams and SWLs is like comparing apples and oranges--they're similar but also different. About the only thing hams and SWLs have in common is the fact that they both use electronic devices capable of intercepting radio waves. Utility DXers may have more in common with amateur operators than the typical SWL does because they monitor similar transmissions (CW and SSB).

Why do these confrontations occur? While there may be several insignificant reasons behind these confrontations, the underlying cause is misunderstanding. Rather than spending time in useless confrontations, hams and SWLs need to get together and discuss the differences that make their hobbies so unique.

In general, hams tend to view SWLs as lazy or stupid because it is difficult for the average amateur to understand why someone would spend \$1000 for a receiver when the same amount of money could be used to furnish a respectable ham shack. After all, why would anybody want to listen to the Beach Boys on the BBC when they can hear them on the local AM radio station? It's more sensible to engage in meaningful two-way communication with a foreign amateur than it is to spend time writing reception reports to some foreign broadcaster who could care less about the SINPO evaluation sent by a listener in Spudville, Idaho.

On the other hand, SWLs tend to classify hams as overbearing, superior and inconsiderate. Even casual monitoring of the more popular segments of the amateur bands reveals the operation of the self-proclaimed Frequency Policeman. This misguided individual believes he has a God-given responsibility to keep the prime frequencies clear of any amateurs who don't measure up to his own arbitrary standards. Many SWLs who run across these individuals automatically view the amateur community with disdain and turn away from an active participation in amateur communications.

Participants in all aspects of the communications hobby who are openminded will admit that they don't know all there is to know about the other segments of the hobby. The tropical band DXer may know virtually nothing about the utility DXer, but that doesn't make one DXer more intelligent than the other. By the same token, the amateur who works high speed CW is no more intelligent than the ham who enjoys roundtable QSOs and has trouble deciphering code at 5 wpm.

The whole conflict can be resolved with a little understanding of what makes each person choose a particular aspect of the communications hobby. An individual might become a

shortwave listener because of an interest in politics, geography, folk music, literature or a myriad of other reasons. This does not mean that the SWL is incapable of learning the code or theory required to obtain an amateur license. It simply means that he or she is not interested in that particular branch of the hobby.

On the other hand, a person may enter amateur radio because of an interest in public service, a desire to meet new people, curiosity about improving operating techniques, a desire to develop a new circuit or many more reasons. Participation in two-way communication does not mean hams are superior to the SWL. It means that these individuals are more interested in actively communicating with persons from other areas of the United States or foreign countries.

Hams and SWLs can coexist without conflict. How? By taking the time to understand each other and their respective hobbies. It's always easier to condemn that which we don't understand than it is to take the time to learn about it. Hams should visit the shacks of their counterparts, and vice versa. It's possible that some hams and SWLs might branch out and find that they can combine the two hobbies and provide even more enjoyment for their leisure time pursuits.

JAMMING

THE NOT SO WONDERFUL WORLD OF JAMMING

by Phillip Dampier, NY

Jamming is caused by a witches brew of politics, radio and people. The equipment used in jamming costs at least 250 million dollars, the operating costs are well over 100 million a year, and the work force involved totals over 5000. This is a lot of effort when all you are producing is noise.

In this article, we will attempt to answer some important questions: What are the various types of jamming equipment? Who has jammed in the past and who is jamming today? When are jammers ineffective? And how much power is consumed by the jamming equipment?

The first type of jamming equipment I'd like to discuss is the "skywave jammer". This works by calculating where the incoming broadcast is coming from. Then the jamming signal is bounced off the ionosphere at just the correct angle to bring it down to earth at the same point as the incoming broadcasts. The second type of jammer is called a "groundwave station." Groundwave stations are local jammers. These are smaller transmitters than the skywaves mentioned above. They produce a high intensity, but low range jamming signal designed to drown out broadcasts coming into their local vicinity.

However, neither system is perfect. The skywave jammers may be advantageous in the fact that they cover larger areas, are directional and can be used to jam one area today and another tomorrow. But they use a lot of power—between 100 and 250 kw per hour. And aiming these jammers can never be done perfectly so often 4 or 5 jammers are used and they are all aimed at the target broadcast. Also, skywave jammers are crippled for a few hours every day. Take for instance the USA beaming a signal to the USSR, and the Soviet Union is using skywave jammers to make the broadcast unintelligible. The Western stations are immune from jamming during the twilight hours because it is the sun that gives the ionosphere the electric charges that turns it into a reflecting ceiling. The sun goes down a few hours earlier in the East than in the West which means the ionosphere begins to break up a few hours earlier in the East than in the West. And during those few hours, when the "ceiling" is gone in the East but is still there in the West, the jammers in the East can no longer bounce jamming signals off the ionosphere, while the West can transmit jammer-free. On the other hand, the groundwave station do not use the ionosphere. They are cheaper to run. They consume only 10 to 20 kw hours of electricity. They seem to be more effective. But their range is only local so that many transmitters must be used during the twilight immunity period mentioned above, to block out an entire country from Western broadcasts.

The first recorded case of jamming dates back to the First World War, when the Germans used a five-kw jammer to try to block out telegram traffic between Paris and St. Petersburg. In 1926, monarchist Romania jammed Moscow radio broadcasts on the Bessarabia question. In 1934, the Dollfuss government in Austria jammed the Third Reich broadcasts of Dr. Goebbels. In 1936 Italy jammed Abyssinia. And both sides used jammers during the Spanish Civil War. In the Second World War there was some jamming by Italy and Japan and the Germans mounted a major jamming effort to block out the BBC. By 1950, the USSR had several hundred jamming transmitters on the air. The USSR stepped up their jammers when Radio Liberty began broadcasts to the USSR in 1953, while they also jammed Radio Free Europe since 1951. Within five years, there were 2000 jammers on the air in Russia. Then, in 1956, Poland stopped jamming. That was the year of the Poznan riots—during which the rebellious workers attacked the jamming transmitters. Jamming returned in Poland in 1959.

Also, Britain and Greece jammed each other during the Cyprus War of the 1950's. Rhodesia and Britain used jammers during the Rhodesia dispute of the 60's. Lastly, Greece and Turkey used jammers during the Cyprus crisis of 1975.

Today, China has stopped jamming the VOA. East Germany has also stopped jamming the broadcasts of RIAS-Berlin. But the USSR continues to jam. So does many Eastern European countries within the Soviet orbit.

You can try to get around jamming by turning your FINE TUNING KNOB, or whatever, on one side of the station's transmission. But, on the whole, jamming is impossible to silence on your receiver.

Today it is interesting to note that if Radio Marti, a US station that still hasn't been approved, begins broadcasts, Cuba will increase ten fold their broadcasts on MW to the US, causing havoc with US broadcasters in addition to jamming the station itself. Whatever happens it will not be good news for MW DXERS.

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FROM THE PAPERS

VOA TO MODERNIZE: In his syndicated column of August 3, 1982, Jack Anderson commented on President Reagan's proposal to modernize VOA's old and deteriorating equipment. The proposal will cost over \$300 million. The money will be earmarked for the improvement of transmitters—especially in Europe, North Africa, and Southeast Asia in addition to an increase in broadcast hours and languages. Negotiations are under way for transmitter sites in the Cayman Islands and Sri Lanka. In addition, 500 kw transmitters would be installed at the Tangier and Germany relay sites. (From Roger W. Pettengill, ME, Lawrence Wagner, PA, Peter Schulsinger, OH)

RUSSIAN RADAR INTERFERENCE: In an article by Leslie Wyatt entitled Woody, the Russian Woodpecker which appeared in the "Naples Star" of July 30, 1982, much is made to do about amateur radio's battle with powerful Soviet radar signals dubbed "the Woodpecker". The article notes various ways the hams are fighting back, such as the use of noise blankers and sending return signals to the Soviet Union which block out the woodpecker's echo. (Harold J. Fister, FL)

CB ANTENNA SAFETY RULE: According to the Ann Arbor News of July 8, 1982, the Consumer Product Safety Commission has adopted a rule making all CB antennas shock-proofed on account of the fact that 45 people each year are electrocuted while putting up CB antennas. This happens when the antenna inadvertently hits an electrical power line. (David L. Claytor, MI)

VOA'S OBJECTIVITY: The Ann Arbor News of July 20, 1982 reports in an article entitled "Keep VOA Objective, Report Advises," that the US Advisory Commission on Public Diplomacy has advised the Reagan Administration that the VOA's new policy called "Project Truth" is casting the VOA as a propaganda station. On the other hand, the Commission said it has found no evidence that VOA's objectivity has been compromised. It's just a matter of worldwide perception. (Claytor, MI)

VOA DIRECTOR LEAVES POST: The Harrisburg Patriot and the Birmingham News reports

that by coincidence the White House announced the departure of VOA director John Hughes, former editor of The Christian Science Monitor on the same day a report criticizing the VOA for its frequent turnovers at the top was released by the General Accounting Office. The GAO's report basically said that VOA's problems consists of continuing changes in leadership, vacancies in key positions, poor facilities, outmoded equipment, etc. An unidentified former director said most of VOA's equipment belong in a museum (Lawrence Wagner, PA, Donald McCants, AL)

CUBAN TRANSMITTER BLOCKS WWV: According to an article in the July/August Monitoring Times entitled "Radio Moscow Sits on WWV", Radio Moscow's Cuban relay has begun broadcasting on 10,000 Khz. This may be in retaliation for the pending approval of Radio Marti. (Hohn Taylor, MO)

RECEIVER NEWS: According to an article in the July/August Monitoring Times a lot is happening in the world of radio. First off, the rumor that phony Sony ICF-2001's are entering the country is untrue according to a Sony representative. In addition, Panasonic has announced the RF-199 to compete with the 2001. Next, Song has released two miniature shortwave pocket radios—the ICF-7600A and ICF-4800. The ICF-7600A is the world's smallest dual-conversion radio featuring 7 SW bands. It will retail for \$159.95. The ICF-4800 is even smaller with 5 SW bands. It sells for \$89.95 (John Taylor, MO)

TIDBITS WORTHWHILE BOOK: The well-known book on shortwave listening titled "Better Shortwave Reception" by William I. Orr and Stuart D. Cowan and published by Radio Publications, Inc. of Wilton, CT., is being revised and reprinted with copies expected ready for sale in the Fall. (Roger N. Peterson, CT)

OOPS DEPARTMENT: I forgot to mention that last month's Stinky Cragnasty article first appeared in the USDXA. Ed.

FINIS: Just a reminder to keep those articles coming. What I have been receiving has been just great. Also, please enclose a postcard or SASE when you wish a reply

7/25/82
Arthur J. Peterson

2	SMITH, Traver	CA	NRD-505	5	ULMER, Doug	LA	R-1000
1	SMITH, Woodson	TN	?	5	VAN HORNS, Larry/Gayle	TX	RF-3100
1	SMOLINSKI, Chris	MD	R-1000	1	VENCKUS, L.V.	IL	?
4	SPEER, Richard	CA	RF-2900	1	VOLLRATH, Ruth	MO	SSR-1
5	STEPHANY, Nolan	NY	R-392	1	WARD, Robert	WY	RF-4900
2	STONE, Wilfred	ON	FRG-7000	3	WELCH, Frank	MA	ICF-6800-W
2	STREETER, Robert	NY	R4B	6	WILCZEK, Bob	IL	?
3	SURPRENANT, J.M.	MA	DX-200	5	WILKINS, John	CO	R-1000
1	TAIT, Donald	AUSTRALIA	ICF-2001	1	WILLIAMS, John	MN	R4B
2	TANAKA, Masahiko	JAPAN	R-1000	1	WIMMERS, Bernie	FL	FRG-7
1	TAYLOR, John	MO	DX-160	1	WIRRELL, Robert	MA	FRG-7
2	TAYLOR, Lyle	AZ	FRG-7700	1	WITE, Marjorie	CA	FRG-7
3	THOMPSON, Glen	NM	FRG-7	2	YINGLING, Tom Jr.	MD	SW4A
5	THOMPSON, Peggy	CA	FRG-7	5	ZOLLA, Rick	CA	FRG-7

Well, thanks to everyone who contributed this month, and we hope to see you again next month. To the rest of you, I hope your vacations were pleasant, and that you will sit down at the rig with renewed energy for October's SPEEDX. 73's Chris and Arkie

NO COLLECT CALLS: SELL \$\$\$ SEEK \$\$\$ SWAP NO COLLECT CALLS!

PACKAGE DEAL: SP-600 JX in nice wood cabinet - good condition, with manual, spare tubes, fuses, lamps, plus AMECO PCL-P preselector, plus GILFER M-1 tuner, plus LAB 1 freq. calibrator. All for \$200 but pick-up only in Fremont, CA. Also SONY ICF-6700W in fair shape but sticky bandswitch @ \$200 plus UPS shipping. Bill Flynn, 4425 Bidwell Dr. #4205, Fremont, CA 94538, or call after 0200 GMT wkdays, or wkends: (415) 656-8675 NOT collect.

FOR SALE: Collins 51J-4 rcvr w/cabinet & spare VFO, good condition w/manual \$250. Roger Ham, 104 Ragland Rd., Winterville, NC 28590. Call (919) 756-2855 NOT collect.

FOR SALE: Drake R-7 & MS-7 speaker. 18 mos. old. Excellent condition, original packing & manual. 2.4 & 4.0 filters installed. Must sell: \$1,200. Mike McKinstry, KDX4H, 1326 S. George Mason Dr. Apt. B, Arlington, VA 22204. Call after 0100 GMT. (703) 521-0915. NO collect calls.

FOR SALE: SPR-4, just back from Drake, w/calib., blanker & extra xtals @ \$295. Also Allied AX-190 (w/xtals ala SX-190) @ \$125. MFJ-752 audio filter @ \$50. I pay shipping. Tom Farland, P.O. Box 726, Cedar Rapids, IA 52406. Call (319) 362-4832 from 2200 to 0200 GMT. NO collect calls.

FOR SALE: FRG-7 (Sears model) improved AGC/S-meter action, excellent condition @ \$250 plus UPS, firm. Selling to buy guitar. Joe Howell, 2636 Miller Ave., Escondido, CA 92025. Call (714) 747-2611. NO collect calls.

WANTED: Manual/schematic for Knight T-60 transmitter. Also manual for Panasonic RF-2900 rcvr. Will pay for copy & postage costs. Greg Raymond, 35-4 Woodcock Ave., Haverhill, MA 01830. Phone (617) 373-2442.

FOR SALE: Palomar P-305 pre-amp, good condition @ \$50. Bearcat 20/20 VHF/UHF, 40 channel programmable scanner, excellent condition \$250. Realistic DX-160 \$75, and DX-302 \$210. Want to hear from SPEEDXers who own an SPR-4, also any who live in Arizona. Gabriel Grijalva, 3834 W. Latham, Phoenix, AZ 85009. Phone (602) 233-0374. NO collect calls.

FOR SALE: Bearcat 160, 16 channel programmable scanner, AC only, 6 mos. old, original packaging & sales slip included (warranty good for 6 more months) Covers VHF-Hi-Lo, UHF-Hi-Lo. Asking \$140 certified check or money order. I pay UPS. Steven Kidd, 711 Post St. #518, San Francisco, CA 94109.

FOR SALE: Variety of radio/electronics magazines, some as old as 1932 issues. Great for collectors and nostalgia buffs. For list write to: Jim Robinson, 109 Spadina Rd., Toronto, Ont., Canada M5R 2T1

SWAP: Want your tapes of local FM Rock/Roll stations, NO disco. Only one station per cassette, please. Put cassette in stereo recorder and let it run through the talk, ads, music. Will swap, tape for tape, cassettes of Italian FM stations (mostly pirates). Particularly want recording of Larry Glick program on WBZ. Bruce Chituck, Aswoc NAF Sigonilla Italy, PPO, New York 09523.

SWAP: Seek individual in Australia willing to swap high quality cassettes (Dolby & stereo when/if possible) of local MW/FM & possibly records Pop/Rock. George Gucinski, 10625 22nd Pl. So. #302, Seattle, WA 98168.

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