

SPEED X

*the dx radio magazine
for active shortwave listeners*

Aw... There ain't
no such things as
leprechauns!



march 1980

vol. X no. III



KEYNOTES



Editor: OLIVER ELLSWORTH
2043 West 75th Street, Los Angeles, California 90047

NO PHONE CALLS PLEASE---DUE TO A THROAT OPERATION, I AM UNABLE TO TALK.

CONGRATULATIONS TO 7 NEW FULL MEMBERS

DARRYL HOLLAND RIVERDALE, NY	JOHN KANA FAYETTEVILLE, GA	STEVE KERN ENCINO, CA	DAVID MOSIER SAN JOSE, CA
MARC MOSS SHERMAN OAKS, CA	ANDREW NEWTON ATLANTA, GA	TED OSSEGE CINCINNATI, OH	

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

DONALD LABUS SOUTH EUCLID, OH	MIKE CAMILLO RIDGEWOOD, NY	HAROLD McDONALD MOBILE, AL	DAVID RAINS COLORADO SPGS, CO
ARMAND TANNY CANOGA PARK, CA	DAVID MAXFIELD ANN ARBOR, MI	EMMETT BAXTER NORFOLK, VA	MINERVA HALVORSON LA JOLLA, CA
BILL CROSTON SCOTTSDALE, AZ	WILLIAM PEPE BLOOMFIELD, NJ	LANCE BARBER MANITOBA, CANADA	LIONEL BOISBLANC PAYSON, AZ
³ ROBERT MCGEE KESHENA, WI	ALEX O'BRIEN SYDNEY, AUSTRALIA	STANLEY CLAYTON MACOMB, IL	HUBERT STORY JACKSONVILLE, FL
VINCENT FORINGER FT. CAMPBELL, KY	KIRK BAXTER MISSION, KS	GIL MAHLMEISTER INGLEWOOD, CA	CLIFFORD REIQUM TIBURON, CA
RICHARD GOODIN PHOENIX, AZ	RICHARD BARCZ WAUKESHA, WI	J.C. BOUCHY CINCINNATI, OH	McNAY EQUIPMENT CO CINCINNATI, OH
MICHAEL HORN FREMONT, OH	JAMES GEER BEDFORD, TX	JOEL CHERNIKOFF CANTON, MA	HAROLD SILVERMAN MESA, AZ
WALTER MOLA TORINO, ITALY	CHUCK RENNER RIVERDALE, IL	JEFFREY LAMBERT BARRINGTON, IL	STEPHEN PITTS LAYTON, UT
BOB HART ALTON, IL	BORIS LARRETA MINNEAPOLIS, MN	TAGA SHIN JAPAN	BRADFORD WALL SAN BERNARDINO, CA
RICHARD TURNER N. DARTMOUTH, MA	HAROLD LANE CARLISLE, MA	WILLIAM OSHA FT. WAYNE, IN	ROBERT MCGOVERN LIGHTHOUSE PT, FL
JOACHIM KORNEK WEST GERMANY	LARRY WRIGHT MENLO PARK, CA	HUGH McSKIMMING RIVERSIDE, CA	TOSHIYUKI NAKAGASI JAPAN
BRENT BOWLES DELTONA, FL	MARK JAMES GWINN, MI	MICHAEL DANIELS WEBSTER GROVE, MO	HEINRICH BAUMHOFF WASHINGTON, DC
BILL POTORTI RENO, NV	HOWARD OWINGS CERES, CA	MARK JENKINS MILPITAS, CA	HEATH WAYNE ST.PETERSBURG, FL
MURI SPINKS CLARKSBURG, WV	OGAWA KENICHI JAPAN	AARON OSBORNE MIDLAND, MI	HOWARD HUDDLESTON HOUSTON, TX
MAURITZ SWENSON LAKESIDE, CA	DARREN WHITE HATTIESBURG, MS	RICHARD GULA BOSTON, MA	RICHARD WARTENBERG BROOKLYN, NY
ROBERT EGBERT HAMBURG, PA	WES ZUJKO HOLLYWOOD, CA	JEROME MILLER BALTIMORE, MD	W.C. WISEMAN LOS ANGELES, CA
WARREN GILLIS GULFPORT	MICHAEL TODD BANNER ELK, NC	NELSON TAILLON B.C. CANADA	DAVID NEWKIRK NORRIDGE, IL

ROY HORNE
PARADISE, CA

JEFF NYMAN
ALBERDEEN, WA

ROY THOMAS
MEMPHIS, TN

MARTIN GERHARDT
OCEANSIDE, CA

We certainly are glad that the 72 new members elected to join SPEEDX, I am sure the bulletin will enhance your listening pleasure, as it is usually filled with items of interest to the listener/DXer. We can keep it that way with your support.

CENTRAL DISTRIBUTION EDITOR

For your convenience and to help you fight inflation, Bob Zilmer, P.O. Box 697, Milwaukee, WI 53201, is our designated CDE. He will forward your good-ies to the respective editors, however keep in mind that Bob's deadline is the 7th of the month, whereas the editors deadline is the 12th of the month if the 7th or 12th falls on a Sunday or holiday, it is suggested that you mail a few days earlier.

ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

ANARC '80 convention, July 18,19,20 1980. Irvine, California, University of California Campus. (40 miles south of Los Angeles via #5 & 405 Freeways)

Lodging at Mesa Commons Townhouse, Rates: \$23.00 per person per day single occupancy, meals included. \$20.00 per person per day double occupancy, w/ meals included.

Banquet costs: \$10.50 per person. Prime Ribs of Beef Au Jus.
Registration: *\$12.00 per person. *Flyers and ANARC news letter states \$10 but a recent notice from Stew Mackenzie, convention chairman, advises the registration has been increased.

Airport: John Wayne Airport, Orange County. Route your flights via Las-Vegas to John Wayne Airport. (3 minutes from UCI) Los Angles Airport (LAX) to John Wayne Airport, via Golden West Commuter Airlines at LAX.

Payments: Make all checks payable to ANARC '80. Foreign remittance, including Canada & Mexico, by International Money Order or Bank Cashier's Check. No personal foreign checks accepted, due to tariff/exchange rates.

Convention Chairman: Stew Mackenzie, 16182 Ballad Lane, Huntington Beach, California 92649, United States of America.

AWARDS PROGRAM

Members desiring SPEEDX awards are reminded to carefully read ALL the rules before submitting applications AND to observe the following suggestions and procedures. 1. Write legibly. 2. Send exact fee required, US currency, money orders, personal checks, IRCs & US stamps (up to and including 25¢ denominations) are acceptable. Many send coins, but this is risky. Due to trouble involved, it will not be possible to make refunds to those who send in more than the required amount. 3. There is NO charge for additional seals for awards already in your possession. But be sure to send a SASE with the required information. 4. Please remember that a single transmitting site counts as ONE station, regardless of how many broadcasting organizations make use of it at various times. 5. The PACIFIC award should be available soon. When it is, full details will be published in SPEEDX.

Information on Awards Program is available for a SASE. Information on the Awards Program and the country list is available for 50¢ (Full Members) and 75¢ (Associate Members) from: Jack Jones, 304 Robinhood Road, Jackson, MS 39206 USA.

The SPEEDX-EDXC Country List, lists many countries that do not broadcasts on the shortwave bands, however these countries do broadcast in one of the other modes that the country lists covers. The list is used by several American Clubs and many European countries/clubs. Therefore it covers SW, Utilities, BCB and HAM. SPEEDX adopted the list because of our Utility section, and with the thought and hope, that all clubs would settle on one Country List for uniformity. (This is wishful thinking, Hi)

PENNANTS

The 8th edition of "PENNANTS-GUIDE for COLLECTORS" is now available from the Ontario DX Association, 3 Camrose Crescent, Scarborough, ONT. Canada M11 2B5. The Guide lists stations that have sent pennants, badges & stickers, the past year. Two IRCs to Harold Sellers, at above address.

SPEEDX-GRAM

The Gram is an optional four page supplement. A mid-month flash sheet of late and or "HOT" DX news designed to meet the needs of serious and active DXers who desire the latest information in a hurry. Deadline for the Gram is the 15th of each month, and the Gram usually reaches you about the 20th.

Like the regular monthly bulletin SPEEDX, the Gram relies on your support. Send in that late item, a "HOT" catch that is newsworthy, or any other DX item that you want to share. Remember, the Gram gets the news to the members in a hurry.

The Gram has not increased it's rates. Send \$3.00 in North America, foreign subscribers \$5.00 to the Gram editor: Bob Bodell, 5230 S.E.48th, Portland, OR 97206. Make check/money order payable to Bob Bodell. Do not send Gram subscriptions to Headquarters. Bob needs the money in Portland to pay for the printing of the Gram each month.

STILL MORE RADIO?

Is domestic shortwave next frontier of American broadcasting? Joseph Costell who owns five Louisiana radio stations, seems to think so. FCC rules bar domestic shortwave operation, and Costello may in future seek rule change to lift that ban. But as he has things figured, that may not be absolutely necessary. He has applied to FCC for permit to build a short-wave station in Southern Louisiana to broadcast to Canada and Western Europe. Unlike five private shortwave stations now operating in U.S., Costello's would broadcast entertainment-contemporary music, not religious programing and carry advertising of goods and services available in country being served. His signal would cover two thirds of eastern U.S. on its way to Canada. Some 15 million Americans are believed to own shortwave receivers.

U.S. government officials privately have been discussing domestic short-wave as possible alternative in event U.S. loses one or more of its AM clear channels at upcoming meeting of Western hemisphere nations on AM broadcasting. Coverage would be vast, day as well as night.

SUN TROUBLE

1980 is final year of 11 year solar cycle which means that solar activity spots and flares will be at maximum. Solar activity can have adverse effect on all types of radio communications, particularly shortwave. National Aeronautics and Space Administration, in effort to better understand cycle phenomenon and cause and effect of solar activity will launch spacecraft in mid-February aboard Delta rocket Spacecraft will fly in 300-mile circular orbit, look at sun and feed back to earth on sun's activities for at least one year. Cost of spacecraft and one year of operation is \$80 million.

ed note: Thanks to Steve Gelfand, NY for sending us the above two items from the January 28, 1980 issue of Broadcasting Magazine.

COMMUNICATION HANDBOOK

Mike Hardester has been informed by the publisher, that there won't be a 1980 edition of the handbook, but hopes to publish a 1981 edition in February 1981. Thanks Mike for this information.

CONGRATULATIONS

SPEEDX wishes to compliment and offer a very special thank you to a very dedicated member. Jack Somers of Los Angeles, Jack has sent to SPEEDX 100 new members in less than two years. He never misses an opportunity to mention SPEEDX, to anyone expressing an interest in SWLing. Well done Jack.

Why don't you try and compete with Jack. However, Jack has a jump on most of us, he works at a local radio store (Henry's Radio).

ENGLISH BROADCAST LIST

The latest tabulation of EE broadcast, which is audible in North America, is tabulated by country, station, time (GMT) and frequency. For \$1.00 and a business size 28¢ SASE, Dan Ferguson, P.O. Box 8452, So Charleston, W. Virginia 25303, will send you the six page list.

UTILITY DXERS-PLEASE NOTE

UTE editor, Ken Compton is back after a month of Jury duty at the Suffolk Superior Court, Boston, Mass. Continue to send UTE related material to Ken at address on the UTE masthead. Welcome back Ken, we missed you.

COVER DESIGN

Many thanks again this month to PEGGY THOMPSON of CA for the cover design on the front. Any DXers with artistic talent are encouraged to submit their designs to the publisher (jrt)

PROGRAM

MARCH 1980

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

PANORAMA

BELGIUM...BRT announced on the MAILBAG program in early January that the now alternate Sundays DX PROGRAM would become weekly soon. So be on the lookout for BRT at 0015 GMT on 15175 kHz. (Leslie Byron, NY)

BELIZE...(Freddy Curtis, TN in the February 1980 issue of GO DX, published by the Middle Tennessee DX Association, P.O. Box 213, Alexandria, TN 37012): "After listening for about 45 minutes to Radio Belize...I cannot believe the similarities (between it) and Radio Free Grenada. Their program consisted mainly of (music) and commercials. This station is very interesting to listen to. Reception is fair around 0500 GMT on 3285 kHz." (//834 kHz MW-Ed.)

CHINA...Radio Peking has 19 one-hour transmissions in English beamed daily to the five continents. Its weekly programs include: Sun LISTENER LETTERS and MUSIC ALBUM; Mon ACROSS THE LAND and LEARN TO SPEAK CHINESE; Tue CHINA IN CONSTRUCTION; Wed THE THIRD WORLD MARCHES ON and LEARN TO SPEAK CHINESE; Thu CULTURE IN CHINA; Fri IN THE PEOPLE'S COMMUNE and TRAVEL TALK; Sat MUSIC FROM CHINA. (Duke Crawford, CA)

GREAT BRITAIN...BBC World Service highlights for March: LAND AND PEOPLE explores the social history of Britain with historian Asa Briggs. Of special importance to radio hobbyists is the segment "The Communications Revolution"(scheduled for March 29, 31 and April 2). The series is scheduled for Saturday @ 2045, Monday @ 1000 and Wednesdays @ 1615...
...THE SPY THAT STAYED OUT IN THE COLD looks at the new technology involved in spying today in a fascinating program scheduled for the 11th at 0030 and 2030 & the 12th at 1330 GMT.....THE NEW ARCHBISHOP--on Tuesday, March 25th, the Rt. Rev. Robert Runcie is enthroned as the 102nd Archbishop of Canterbury. Coverage of the event can be heard on BBCWS programs during the day.....COME HERE looks at the holiday scene in Britain Saturdays at 0430 and 1315 GMT, repeated Mondays @ 0815 and Tuesdays @ 2315.....Oscar Wilde's THE IMPORTANCE OF BEING EARNEST is scheduled for March 22nd at 1830, repeated on the 23rd at 0030 and 1130 GMT.....THESE MUSICAL ISLANDS looks at music of Britain's islands, Saturdays @ 0830, Mondays @ 2330 and Fridays @ 1215.....
MATTHEW ON MUSIC features host Brian Matthew as he looks at progressive and contemporary rock weekly. Tune in Saturdays @ 1030, Mondays @ 1615 or Wednesdays @ 2330(right after the 2315 edition of WORLD RADIO CLUB). Lots of good listening in March on BBCWS! (Bob Zilmer, WI and Direct)

GRENADA...Radio Free Grenada in English from 2130-2400 GMT on 15045 offers good signals these days. Mon-Sat--2130 AFTERNOON MUSIC, 2200 STORY TIME, 2230 MUSIC AND ANNOUNCEMENTS, 2245 BBC SPORTS ROUNDUP, 2300 BBC NEWS, 2310 NIGHTLIFE, 2325 BINGO, 2330 TONIGHT. Everyone's favorite, OBITUARIES, are usually heard at 2230. Sun--2130 SOUL SEARCHERS, 2200 WORLD OF JAZZ, 2245 BBC SPORTS ROUNDUP, 2300 BBC NEWS, 2310 MUSIC, 2315 CARIBBEAN REFLECTIONS or NIGHTLIFE, 2330 CULTURAL HERITAGE. Notes on RFG--STORY TIME is produced by the director of education in Grenada//programs on weekends may be interrupted by special programs, e.g. cricket matches//news on RFG has been gaining more and more leftist rhetoric due to Grenada's increasing relationship with Cuba and the USSR. (Kenneth W. Clark, TN in March 1980 "Station Smatterings" in the MTDXA's GO DX) It's interesting to note that even though Grenada is becoming cozy with the Soviet bloc, RFG still relays BBC news and sports programs! (Editor WS)

DEADLINE FOR PROGRAM PANORAMA--the 17th of the month

Please send in your items for inclusion in Program Panorama. YOUR support will make this a better column!

GUATEMALA...Here's the English schedule for TGNA on Sunday evenings (Monday GMT). Times given are GMT. 0030--MUSIC IN THE POST MERIDIAN, 0100--WORDS OF HOPE, 0130--MUSIC IN THE POST MERIDIAN, 0200--SONGS IN THE NIGHT, 0230--MUSIC IN THE POST MERIDIAN, 0300--RADIO BIBLE CLASS, 0330--MUSIC IN THE POST MERIDIAN, 0400--ON THE MOVE, 0410--MUSIC, 0430--ENGLISH SIGN-OFF. Frequencies listed are 730, 5955, 9505 and 3300. (Ted Ossege, OH)



HUNGARY...Radio Budapest has a monthly program guide available free for the asking. Write and ask to be put on RB's mailing list if you are interested in receiving this guide on a regular basis. Here's the schedule for March, all times and days are GMT: Daily NEWSROOM; Sat MUSICAL REQUESTS, FOOT OF THE COLUMN; Sun DXERS WEEK-END; Mon BACKGROUNDS(March 3), ON THE HOUSE(March 10), TREBLE ON A TOPIC(March 17), FLOOR IS YOURS(March 24), FLOOR IS YOURS, CON'T (March 31); Tue LOOKING AROUND, SPORT; Wed WEEKLY REPORT; Thu POPULARITY PLAYBACKS; Fri BOOK HINTS(March 7), RECORD REVIEW(March 14), BACKSTAGE(March 21), MOBILIZATION AGAINST APARTHEID(March 28). For North America, the times are 0200 and 0300 GMT. A special program, CALLING DXERS AND RADIO AMATEURS, is scheduled for 0400-0415 GMT every Wednesday and Saturday to North America. The NA frequencies are 6105, 9585, 9835, 11910, 15220 and 17710. (Direct)

IRAQ...Radio Baghdad International broadcasts Iraqi music on its program to Europe until 2215 GMT, when they have their PRESS NEWS-REEL. Much of it is commentary, but there is some world and Iraqi news. Listen to RBI from 2130-2230 GMT on 9745. (Paul D. Saunders, FL)

ISRAEL...Israel Radio now has a nightly North American Service. The times and frequencies are given in Chris Lobdell's "Station Skeds" column for February. An IBA press release states that "Veteran correspondents provide reliable firsthand accounts often not available from other sources. Israel Radio also monitors Middle East broadcasts and other radio communications to provide immediate insight into unfolding political and military developments.. . . .These frequent specialized newscasts ensure that regardless of restraints that may inhibit news gathering, Americans have at least one dependable source of timely, impartial and complete reporting of Middle East developments." (IBA, via William Rudolph, AL)



SEYCHELLES...More FEBA English info as promised last month. Here's the schedule for the 0700 GMT broadcast to South Asia in the 19 meter band: Daily NEWS; Sun 0705 MAKING MELODY, 0715 JOY BELLS, 0730 HIDDEN TREASURES, 0745 GRACE OUTREACH; Mon-Sat 0705 ROUNDABOUT; Mon-Fri 0730 RADIO TODAY; Sat 0730 WOMAN'S WORLD, 0745 CHORDS OF LOVE. Next month, the final daily English broadcast from FEBA will be featured in Program Panorama. (Wesley Carroll, LA)

USA...UN Radio has a weekly program aimed at the Caribbean on Fridays 2245-2300 on 11830 and 15225. The show consists of the week's events at the UN. Nothing really specific on Caribbean matters, but it is a better time to listen to than UN Radio's other transmissions--unless you are a night owl! (Kenneth W. Clark, TN in March MTDXA GO DX)

USSR...Radio Moscow's North American Service concludes its series on US/Soviet relations this month with two programs(if recent events have not caused a program change!-Ed. WS). On March 7, "The visit of General Secretary of the Soviet Communist Party Leonid Brezhnev to the United States in 1973 and the decline of world tensions" will be featured, while on March 21, "SALT-2 and the outlook for closer Soviet-American relations for the sake of world peace" is the topic for discussion. Listen at 2320, 0120 and 0320 GMT. (Edward Sershon, IL)

.....Some Radio Moscow World Service programs: DX PROGRAM, Tue 1610, Wed 2210, Fri 1810, Sat 0810, Sun 1210; YOUR GUIDE TO OUR PROGRAMS, Fri 0410, 1010, 1610, 2010 GMT; STAMPS AND HOBBIES, Mon 0610, Tue 2010, Wed 0410, Thu 1210, Fri 1410, Sat 1610, 2210; MUSIC AT YOUR REQUEST, Thu 0730, Sat 1230, Sun 1830; MAILBAG, Mon 1010, Tue 2210, Wed 1210, Thu 1810, Fri 2210, Sun 0610. (RMWS, via Edward A. Fournier, VA)

Until April(and SPRING!!!), good listening! Woody Woody 2/18/80



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➔

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

NEW RECEIVERS: If you have your new World Radio & Television Handbook for 1980 you will notice a whole new batch of receivers to whet your interest!! First, the Grundig Satellit 1400/2400 sets, which appear to be manufactured along the same lines of many of the Japanese receivers, that is: ALL FREQUENCY coverage, digital readout etc. Knowing what Grundig has done in the past, these new sets will probably be "done right" the first time. As with everything West German, the price will be "dear"! Two more new sets by SONY are the CRF-1 with digital readout to 0.1 kHz. Looks a little like the new Kenwood R-1000, price unknown. Also the ICF-2001 which looks cross between a digital calculator and a Shortwave receiver!! I suspect you can dial or "punch in" the frequency you want. The ad says it also has memory and auto-scanning modes. If it's stable on SSB this is what all you UTE listeners really need. More information and prices as both become available.

RECEIVER REVIEWS: Very nice and comprehensive reviews are in the '80 WRTVH by Larry Magne on the Panasonic RF-4900, Realistic DX-300, Sony ICF-6700W, Sony ICF-6800W, Trio-Kenwood R-1000, Yaesu FRG-7, Yaesu FRG-7000, Drake R-7, Japan Radio Corp. (JRC) NRD-505, and McKay Dymek DR-33C. Also reviewed are modifications of some of the above by Radio West and Gilfer Shortwave. Larry has many comparisons to work with and he finishes off the article with a chart at the end so a ready-reference is available when comparing this or that feature. The only problem with it is that the print in this chart is rather fine and hard to read. Before you shell out "big-bucks" for a set, this one article is well worth the price of the WRTVH!! (Well done Larry.-Ed)

MOSLEY SW ANTENNAS: Evidently, the Mosley factory has been rather slow in supplying these antennas to dealers. The only place that this editor is aware of that still handles these all band antennas (A vertical model and a dipole model) is Radio West, 3417 Purer Rd., Escondido, Cal., 92025.

FILTERS/AUDIO PROCESSORS/AUDIO ENHANCERS ETC...ETC... SPEEDXer Bob Zilmer, (You know Bob! One of our past SPEEDXers of the Year!?) sent me a nice collection of articles on various audio "add ons" to improve receiver performance, namely: MFJ's Signal Enhancer II, Autek Research QF-1A, and Datong FL-1. All are bandwidth narrowing devices designed to reject "hets" and limit the AUDIO bandwidth, (NOT to be confused with IF bandwidth, which is the receiver's ability to deal with nearby/adjacent channel signals.) Limiting audio bandwidth can make signals more intelligible, by eliminating or reducing noise/heterodynes etc. Most in the "peak" mode are primarily for CW usage, but SSB positions are provided on most. This may or may not have a beneficial effect, depending on propagation conditions, nature of interference etc. Out of the "lot", the most "spiffy" seems to be the Datong FL-1 "Frequency Agile" filter. This one even has an automatic heterodyne elimination circuit that locks on to the offending "het" and suppresses it! For more information, I suggest you write to the manufacturers/distributors as follows: MFJ Enterprises, Box 494, Mississippi State, MS., 39762; Autek Research, Box 5127, Sherman Oaks, CA., 91403; (Datong) AR Technical Products Corp., Box 62, Birmingham, MI, 48010... Say you heard about it in SPEEDX..

RADIO WEST FERRITE LOOP: Sorry, but the editor has not had suitable time to prepare the "review" I promised, but this will probably appear next month. Look for it then.....hopefully!

COMMENT: Many thanks for all the letters and support. It seems like just when you run out of "Topics", someone comes thru with some "hot" material! This is greatly appreciated. Even though I may not mention YOU directly, your letter might spark an idea for a whole column. You, the readers, ARE important to me and SPEEDX. Keep the mail coming. Don't forget to enclose a S.A.S.E. if you require a personal reply. See you all next month!!!

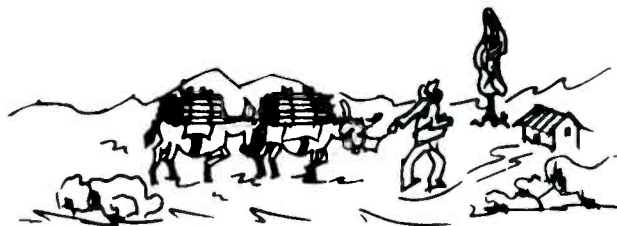
73 and GOOD HUNTING!!!!!!.....

Sandy 7

SWBC DX - Western Hemisphere

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Frequencies: kHz



MARZO 1980

PAST MASTERS -- PART III

FORMATION OF THE PERFECT AND PLUPERFECT TENSES

Before getting into the formation of these tenses, I must introduce to you the past participle. In the first conjugation, the past participle (an adjectival form of the verb which has force in the past -- taken, had, lunched, and the like) is formed by adding -ado to the root; in the second and third conjugations, it is formed by adding -ido to the root. Some verbs are irregular; we'll get to that in a future lesson. 'Til then, thus fortified,

Perfect: I Conj. HABLAR; root HAB-; past participle HABLADO (to speak)

yo he hablado; tú has hablado; él, ella, usted ha hablado; nosotros hemos hablado; vosotros habéis hablado; ellos, ellas, ustedes han hablado.

(I have spoken; you have spoken; he, she, you have spoken; we have spoken, you have spoken, they, you (pl.) have spoken)

Perfect: II, III Conj. DEBER; root DEB-; past participle DEBIDO (to owe)

yo he debido; tú has debido; él, ella, usted ha debido; nosotros hemos debido; vosotros habéis debido; ellos, ellas, ustedes han debido

Pluperfect: I Conj.

yo hube hablado; tú hubiste hablado; él, ella, usted hubo hablado; nosotros hubimos hablado; vosotros hubistéis hablado; ellos, ellas, ustedes hubieron hablado

(I had spoken; you had spoken; he, she, you had spoken; we had spoken; you had spoken; they, you (pl.) had spoken)

Pluperfect: II, III Conj.

yo hube debido; tú hubiste debido; él, ella, usted hubo debido; nosotros hubimos debido; vosotros hubistéis debido; ellos, ellas, ustedes hubieron debido

From these paradigms you can see how the tenses are formed. Basically, they are compounds of "have" plus the past participle, exactly as in EE:

yo he hablado | yo hube hablado | ustedes hubieron debido

I have spoken | I had spoken | you had owed

For the perfect, the formation is: present of haber plus the past participle

For the pluperfect, the formation is: imperfect of haber plus the past participle.

Those of you who know French will note that Spanish differs from French in this formation.

In FF, the past participle in compound verbs agrees with its subject in gender and number:

E.g.: nous avons parlé(s) | j'ai parlé() | j'ai parlé(e)

we have spoken | I have spoken | I have spoken (a female)

The (s) in the first phrase is the agreement between the subject and the participle. The

second phrase, since it is singular and masculine, needs no affix. The third phrase,

since it is singular and feminine, needs an "e" to agree with the subject. Now, forget

all this if you don't know French, because in SS the PAST PARTICIPLE NEVER HAS TO AGREE

WITH ITS SUBJECT IN A COMPOUND VERB.

Another difference between the languages is that in SS haber is always the auxiliary verb.

In FF, and Italian, I believe, the verb "to be" is the auxiliary for intransitive verbs and reflexive verbs.

FF: nous nous sommes lavés | SS: Nosotros nos hemos lavado
We ourselves "have" (actually "are") washed | We ourselves have washed

This means less for the student to remember; aren't you glad???

Before I get into the column, just a couple of items here. I am changing jobs shortly, although I will still be doing temporary work at Harris every once in a while. Therefore, belay those office telephone numbers I gave a while back. As soon as I begin in the new salt mine, I'll give you new times and numbers at which to reach me. I'd like to thank all those who have sent me greetings and encouragements in the past several months. Spanish for DXers seems to be popular, and in the works, when I have done enough of them, is a booklet collecting all the lessons plus other popular features such as the SS ID lesson and how to tell time in SS. Look for it in 6 months to a year or so.

And now, remembering that if there is no language designation in a logging the language is SS, I present:

SOUTH AMERICA

ARGENTINA

- 5882 0330 R. Rividavia, Futbol px, ads (gd; 2/3. Ottaway, CO)
- 9690 0014 RAE, ID, tx, ments. of Argentina (333; 1/20. Moman, AB)
- 11710 2334 RAE, EE, mx px; ID every 4/5 mins. (333; 1/5. Loren, CA) (2330; 432; 1/26. Dilk, NJ) (2350*; 434; 1/3. Godfrey, ON)

BOLIVIA

- 6005 0923 R. Progreso, *0923 w/ ID, mentions of pxx and slogan "una palabra de Bolivia para el mundo." Lively mx, ads, ID @0938 as "R. Progreso, una palabra para Bolivia." (2/9. Lazarus, LA) (Phoned in by Henry -- I listened to his tape. cpjh)
- 6035 2310 R. Panamericana, long OM political cmt; ID, TC, ad (322; 1/24. Moore, PA)

BRAZIL

- 2310 0108 R. Progreso, PP, ID (Your phonetic spelling: "prog-gres-oo" is right, Neil. cpjh) (222; 12/28. Kazaross, RI) 1/22. Moore, PA)
- 2490 0058 R. Educ Rural, PP, mx, IDs, more mx; (232; 12/28. Kazaross, RI) (0025; 252; /
- 3205 2354 R. Clube Ribeirão Preto, PP, soft mx, vocal ID (444; 12/27. Kazaross, RI) (2355; ID @0005; 1/21. Radcliff, IL)
- 3265 2350 R. Tamandare, PP, several IDs, lively mx (232; 12/27. Kazaross, RI)
- 3265t 0233 R. Cultura, Poços de Caldas; PP, om tlk, what else is active on this fqy? TBS lists only another Brazilian (How about Rarotonga?? hi! Seriously, listen for ID next time; it's either Tamandare or Cultura. cpjh)
- 3295 2336 R. Tapuio, PP, OM w/ ID @2336 (333; 12/27. Kazaross, RI)
- 3365 2330 R. Cultura de Araraquara, PP, song: "Mrs. Jones," ID, (fair; 1/22. Radcliff, IL)
- 3375 0210 UNID; PP, OM w/ anc; soft PP vocals (322; 1/13. Uerlings, OR) (Possibly R. Clube Dourados, reported in FRENEX last month?? cpjh)
- 4475t 0126 A Voz do Oeste, PP, OM tlk, too much UTE QRM for ID (222; 2/5. Howell, CA)
- 4755 0630 R. dif. do Maranhão, PP, pop mx, ads, ID (333; 2/3. Alexander, PA)
- 4835 0357 R. Nacional do Boa Vista, PP, s/off w/ anthem, QRM'd by SABC s/on @0358 (333; 12/28. Kazaross, RI) Peters, MB)
- 4855 0255 R. Clube do Pará, PP, non-stop Amazonian-style songs to 0316 ID (333; 2/4. /
- 4895 0915 R. Baré, PP, IDs, pop mx, long tlk (343/ 1/1. Peters, MB)
- 4905 2230 R. Relogio Federal, PP, tlk w/ YL TC every minute, ads (333; 1/12. Yajko, PA) (2309; 242. 1/19. Calver, UK)
- 4985 0701 R. Brasil Central, PP, OM ID, fqys, into pop mx (fr; 2/3. Ottaway, CO) (0322; 222; 1/13. Moman, AB) (0700; 333; 1/13. Alexander, PA) Kazaross, RI)
- 5025 0215 R. Borborema, PP, pop mx, ID, OM DJ (333; 1/26. Alexander, PA) (0335; 333; 12/28/
- 5045 0924 R. Cultura do Pará, PP, mx, ID "R. Cultura" accordian mx; (333; 1/29. Ross, ON) (0245; 433/ 1/21. Peters, MB) (1000; fr; 2/2. Bianco, NY) (0834; 333; 1/22. Owsley, CA)
- 6000 2300 R. Inconfidência, PP, ID, ads, TC, 45 seconds late (434; 1/23. Yajko, PA) (0130; 433; 2/4. Peters, MB) Yajko, PA)
- 6035 2313 R. Globo, PP, OM, instrumental mx, ID, (gd; 1/15. Radcliff, IL) (2307; 333; 1/23
- 6135 0819 R. Gaucha, PP, LAm mx, ID after every song (443; 1/19. Howell, CA)
- 9695t 2333 R. Rio Mar, PP, now that Sweden moved px on 9695 for this period to 15275, Brasil comes in fairly strong. Tlk to 2337 then "native" mx w/ lyrics (332; 1/30. Earhart, PA)
- 11765 0005 R. Tupi, PP, futbol, ID (222; 1/10. Toia, Italy)
- 11780 0135 R. Nacional Brasília, PP, IDs, ads, mx; (433; 1/19. Yajko, PA)+2
- 11805 0015 R. Globo, PP, futbol, ID (233; 1/10. Toia, Italy) (0047; 433; 1/31. Audette, MA)+1
- 11865 2336 R. Clube de Pernambuco, PP, "Loteria" mx, mx; ID (344; 1/15. Toia, Italy)
- 11915t 2158 R. Gaucha, PP, OM w/ mention of S. America & Venezuela & Brazil. (343; 1/17. Calver, UK)
- 11925 0010 R. Bandeirantes, PP, pop mx, tlks, laughter by OM ancr; ID, fqys; (333; 1/15. Cunningham, OH) (2312; 344; 1/12. Toia, Italy)
- 15265 2300 R. Globo, PP, tlk, mx, ads, ID as "R. Globo, Sao Paulo," w/ fqy ancd; (333; 1/26. Zilmer, WI)
- 15290 0326 Radiobrás, EE, tlk on transportation (555; 1/26. Clutters, OH) (0310; EE, tlk on ecadysiasm, with strange whining noise starting @0313; 444; 322 after 0313; 1/17 McLean, NY) (0330; mx px; Judit de Sousa sang, disco too; QRM from Havana & RSA; 432; 12/22. Byron, NY) (0305; 433; 1/10. Phillips, CT)+12

MORE BRAZIL (BUT NOT MUCH MORE) ON THE NEXT PAGE. WHAT IS ECDYSIASM, YOU ASK??

BRAZIL -- (continued)

15445 2130 Radiobrás, PP, new service w/ high-power xmitter #2 and is //11780. Tlk, mx, ads, sx; QRM on same fqy. most of time (333; 2/3. Zilmer, WI)(2142; 444; 1/20. Yajko, PA)(0110; 444; 1/25; Audette, MA)(2307; 343; 2/3. Drew, TX)

CHILE

6135 1006 R. Univ. de Concepción, NA, ID, mx; (343; 1/17. Jones, MS)(1031; 232; 1/26./ Moore,PA)
 9750 0000 R. Minería, ID @0000, heavy QRM past 0001 from 9655 (222; 1/20. Moman, AB)
 11720 0336 LVCH, EE, nx by OM (544; 1/31. Heymann, NY)(0346; cmt. on Chile-U.S. relationship in business; 323; 1/22. Dennis, IN)(0307; 1/12. Harrington, CO)
 11890 0200 LVCH, station ID, OM ancr; (333; 1/9. Stone, ON)(0236; 543; 1/7. Wentzell, MN)+4
 15140 0125 LVCH, EE, class. mx, nx; (333; 1/20. Dunn, CA)(0147; 544; 1/29. Clutters, OH)+7
 15150 2230 LVCH, IS, ID (232; 1/15. Moman, AB)
 17790 *2200 LVCH, EE, OM ID, s/on w/ fqys, cmt on human rights, (Sakharov); ancd. //15115, 17800; (343; 1/30. Audette, MA)(2200; 322; 1/18. Oakley, CA)+4
 17800 2210 LVCH, EE, YL, ID, native mx, vocals; nx; (543; 1/17. Schroeder, WI)

COLOMBIA

4755 0642 Em. Nuevo Mundo, rhythmic singing w/ drum, ID @0702, typical Colombian vocals (gd/fr; 2/4. Lattemann, WA)
 4775 0600 Emisora Kennedy, t/in to ID: "En el aire, Emisoras Kennedy, 1430 y 4775 kcs., desde Bogotá, Republica de Colombia," into "Radiosíntesis" nxcast sponsored by Coltejer (textiles)(1/19. Whitehead, Bogotá)
 4845 0445 R. Bucaramanga, IDs, pop mx, NA, 0501* (343; 12/27. Peters, MB)
 4865 1040 LV del Cinaruco, om tlk, accordion mx, singing ID (333; 1/8. Ross, ON)
 4875 0311 LV del Norte, mx, OM IDs, TC (433; 1/26. Heyman, NY)(0440;444;1/22.Hrivnak, IL)
 4875 0603 R. Super de Medellín, "1 y 3 minutos musical Super," mx, YL DJ (243; 1/20. Toia, Italy)(0637; YL ancr; 333; 1/13. Moman, AB)
 4885 *1007 Ondas del Meta, NA, short ID, no calls or fqys; mx; (342; 1/11. Jones, MS)
 4945 0620 R. Colosal, "(Es) la una y veinte min. en Colosal de Neiva," nx, OM DJ (343; 1/20. Toia, Italy)(0815;434;1/12. Korneke, VA)(1045;433;1/25. Leeman, RI)
 4955 0828 R. Nacional, (px. details, Bob? cpjh)(454; 2/2. Wentzell, MN)
 4965 0526 R. Santa Fe, OM screaming IDs, mx, TC/ID after each piece of mx (423; 1/12. Heyman, NY)(0300; "Radio Santa Fe en Bogotá"; 433; 2/3. Audette, MA)(0640; "Faltan veinte min. para las dos en Santa Fe," 344; 1/20. Toia, Italy)(Thanks for putting in these examples of SS time-checks; they're most helpful. cpjh+1
 5010 1550 R. Surcolombiana, OM anmt: "Aquí en Pasto tenemos la audiencia total en este region del país," ballads, cumbias, TC/ID as "En Radio Surcolombiana son..."(1/16. Whitehead, Bogotá)(1030; poor modulation; fr; 2/2. Bianco, NY)
 5040 2250 R. Cinco, ad string incl. "Almacen de Discos" (loosely translated "Record Grocery" cpjh), Lotería de Colombia, Drogería Colombiana, and other products, mx; (1/16. Whitehead, Bogotá)
 5075 0225 R. Sutatenza, IDs, ads, OM DJ, LAM mx (444; 2/2. Alexander, PA)(0018; not // 5095; 433; 2/5. Audette, MA)(1010; gd; 2/2. Bianco, NY)(0250;333;1/2. Davenport, TN)(2333; "El Banco de Bogota presentó por Radio Sutatenza mundo noticias del momento" then mx, ID (Q: Which tense is "presentó" above and why? cpjh) 444; 1/16. Toia, IT)
 5095 1012 R. Sutatenza, mx, ID; (444; 1/16. Ross, ON)(0359* 333; 1/23. Dunn, CA)(0358; 423; 1/17. Crosby, NJ)+3
 5955 *0939 LV de los Centauros, mx, ID, calls, (433; 1/11. Jones, MS)(0035; ad for "hornos de microsondas" (I think they're some sort of speaker. cpjh) PSA for voter registration. 1/16. Whitehead, Bogota)+2
 76040?0755?LV del Tolima, OM ancr, YL singing (DID YOU HEAR AN ID? ACCORDING TO WRTH THEY ARE INACTIVE. CPJH)(342; 1/18. -----, CA)(NAME OMITTED TO PROTECT THE INNOCENT)
 6065 0045 R. Super de Bogotá, sx nx on Vuelta de Tachina bicycle race, other events, in Super Deportes px; 0100 "Alka-Seltzer Presenta: Super Noticias del Momento!" nx. (1/14. Whitehead, Bogotá)(These days you need Alka-Seltzer to hear the nx, hi! cpjh)
 6095 2300 LV del Centro, "El Suceso de la Hora" nx cast, ID: "En su radio, R. LV del Centro, Espinal... Emisora RCN, la Emisora de Colombia," into cumbia, other pop tunes (1/15. Whitehead, Bogotá)(0133; 333; 1/17. Howell, CA)
 6115 2325 LV del Llano, f/in to ad string incl: Instituto Politécnico Mercantile and Coke. ID: "En su dial, la fabulosa Voz del Llano," also recorded ID: "En el aire, LV del Llano, desde la hermosa ciudad de Villavicencio, HJKS, emisora fundamental de la cadena Super," into Noticias del Llano @2235 (1/15. Whitehead, Bogotá)
 6150 1350 LV del Huila, ID: "Somos profesionales, somos LV del Huila de Neiva. Somos TODELAR, circuito Colombiano de prestigio," Llanos mx (1/16. Whitehead, Bogotá)(0730; 433; 2/6. Thompson, CA)
 6170 1440 LV de la Selva, anmt: "En la noche, LV de la Selva es su mejor compania," then cumbia, ads for Florencic stores (1/16. Whitehead, Bogotá)(1103;353;1/15.Jones,MS)+1
 9635 1226 R. Nacional, anmts, ID; class. mx; (454; 2/1. Moore, PA)(9633; 1200; 1/13; Holland, NY)(0102; overmodulated, splash from 9630; 322; 1/12. Cunningham, OH)
 11795 0030 R. Nacional, local and American pops, into local tlk (333; 1/14. Davenport, TN)
 15335 0000 R. Nacional, class. mx, Amsterdam Concertgebouw, Brahms' 4th (343; 1/11. Fraser, MA)

ECUADOR -- HCJB

- 3220 2345 Quechua, Indian mx, ancmts; (333; 12/27. Kazaross, RI) (0146; 333; 1/13. Yajko, PA) (0459; rel. mx, time pips, silence!; (222; 1/16. Moman, AB)) (lang to 0400 ID by OM, to instr. mx; //6050 (333; 1/13. Hardester, CA)
- 6075 1135 EE, Hello DXers w/ Clayton Howard with IS of TWR; this is during Japanese px on Thursday only (443; 1/17. Zilmer, WI)
- 6095 0537 EE, YL interviewed American who owns/operates the only doughnut bakery in Ecuador (433; 1/31. Traver, CA) (0638; sermon about human dejection: "I'm a zero with the edges rubbed off." (Perhaps this person should get in touch with the doughnut baker above, hi! cpjh) (333; 1/9. Traver, CA)
- 11910 0250 EE, hrd end of SPEEDX report, then a report on the travels of Roger Stubbe in Australia -- also the Jordans -- and the churches, etc. they will be at. QRM from Hungary (433; 2/3. Earhart, PA)
- 15115 1344 EE, Rel, message, (343; 1/21. Smith, FL)
- 21480 1705 EE, "Unshackled" (343; 1/20. Smith, FL)
- 26020 2100 Japanese, Definite EE IDs (fair; 2/9. Kapinos, MA) (1400-1600; mixed religious format and news; at times sig. was 454 exc. for fading; woodpecker also found this one; 252; 1/18. Steck, IL) (1927; 100 W; ID did not mention 26020 kHz. Heard end of Passport @1958 very clearly, very poor; 2/8. Ross, Scotland) (0400; nx of HCJB staff; 333; 1/28. Dunn, CA) (1540; Morning in the Mountains; 242; 1/28. Johnson, MN) (1915; 252; 1/24. Moore, PA) (EE, Scandinavian, Japanese languages; 1936-2200; 252; 1/6. Wentzell, MN) (1557; 243; 1/15. Moman, AB) (2000; 1/17, but hardly readable; Hardester, CA) (2155; DXPL, 353; 1/19. Fraser, MA) (1500; very poor; 2/16. Hansen, NY) +35 other reports of HCJB fqys.
- 3380 0200 R. Iris, ID, pop mx, (423; 1/20. Jones, MS)
- 3390 0342 R. Zaracay, anthem, s/on (342; 1/26. Moore, PA) (1115; exc.; 2/2. Bianco, NY) (1025; ID: "R. Zaracay transmite Santo Domingo, Ecuador" 444; 2/2. Audette, MA)
- 3985 1042 Escuelas Radiofonicas Populares, OM ancr; math lesson. mx; no ID hrd through 1104; (fr; 2/4. Lattemann, WA)
- m4679.5 1040 R. Nacional Espejo, OM ID, TCs, Andean mx; (fr; 2/2. Bianco, NY)
- 4795 0230 LV de las Caras, Almacenes Amazonas ad, non-stop mx w/ an occasional pop tune (1/15. Whitehead, Bogotá) (2338; 333; 1/24. Moore, PA)
- 4800 0300 R. Popular, great Andean mx, great bailecites, huaynos, etc. TC/ID simply "R. Popular," anuncios or mensajes to various persons preceded by "Urgente, muy urgente," every 10 minutes or so. Interesting, no sign of Lara. (1/15. Whitehead, Bogotá) (0410; 322; 12/28. Kazaross, RI) (0515, 322; 1/16. Uerlings, OR)
- 4870 1105 R. Rio Amazonas, OMM w/ rel. tlk (343; 1/20. Moore, PA) (*1029; long NA, usual primitive-sounding mx. Ecuad. mx @1033; tlk by OM/YL @1036 (May have been SS lessons (342; 1/17. Jones, MS) 1/7. Jones, MS)
- 4920 0434 Radio Quito, mx, cmt; ID (444; 1/21. Hrivnak, IL) (0204; ID, calls, ads; 444; //
- 5061 0240 Sistema de Emisora Progreso, Ecuad. mx, OM DJ, anmts; (343; 1/22. Alexander, PA) (0245; ID @0302; 1/29. Radcliff, IL) (1019; s/on anmts w/ ID @1023; folk ballads with tlk over the mx; 232; 1/12. Cunningham, OH)

FALKLAND ISLANDS -- FIBS

- 2370 0053 EE, popular mx px to 0100, ID by YL @0100, then BBC nx px, incl. R. Nxrrel to 0128, then YL gave ID, anmt. of px. sked of that day, gave TC as 10:30, and said: "The Falkland Islands Broadcasting Station is closing down. Good night, everyone." Then GSTQ and 0130* (253; 2/6. Lazarus, LA) (2340; EE, OM/YL tlk, pop mx, hrd. BBC bells, though too much local electrical noise for further audio; 323; 12/26. Witte, CA) (2350; OM tlk w/ British voice, then pop mx. QRN from power line. 2--; 2/3. Witte, CA) (0120; mx, IDs, BBC nx, pxx; 212; 1/18. McCool, MS) (You should have stayed on to the s/off @0130 -- you'd have had much more detail then. cpjh)

FRENCH GUIANA -- FR3, Cayenne

- 3385 0930 FF, EZL mx, TC; (1/17. Holland, NY)
- 4972 0932 FF, OM cmt, //3385; (444; 2/2. Moore, PA)

GALAPAGOS ISLANDS -- LV de Galápagos

- 4810 0404 s/off w/ lengthy Ecuad. NA, QRMed by Springbok Radio (?? Not Springbok -- they're off this fqy. cpjh) (333; 12/28. Kazaross, RI) (0400*; 322; 1/6. Blom, NY) (0404*; 232; 12/28. Moman, AB) (0130; disco/pop mx; 323; 1/21. Witte, CA)

GUYANA -- GBS

- 5950 1017 EE, general tlk, nx about countries in area; ID; (12/27. Holland, NY) (0957; marine wx; PSAs, ad for "National Lottery," TC@0700, local/world nx; (444; 2/2. Audette, MA)
- 19650! 0940 EE, mx, ID, ads for flights to London, anmts. for upcoming anniversary celebrations (333; 1/30. Leeman, RI) (So this fqy. is back??? cpjh)

PERU

- 4790 505 R. Atlántida, disco mx hrd. through crashing static, OM ancr w/ ID @0527; more mx (pr/fr; 1/23. Lattemann, WA) (0512; pr; 1/17. Ottaway, CA) (1029; 333; 1/8. Ross, ON)
- Why be difficult? With a little more effort you can be impossible. PERU IS CONTINUED!!!

PERU -- continued

- 5050 2300 R. Loreto, Inca Cola ad, ID, disco and other pop mx @2300-2330, ID again, was looking for LV de Yopal but did not head it in three days of trying from Bogotá (1/16. Whitehead, Bogotá)
- 6082 0120 R. Victoria, OM ID as "R. Victoria," pop tune; heavy QRM from DW 6075 on my portable made listening near impossible (1/14. Whitehead, Bogota)
- 6115 2320 R. Unión, was looking for LV del LLano but instead heard R. Unión ID, nx, into disco mx; bank ad; siped out by return of LV del LLano @2335 (Well, you were looking for it, weren't you?? hi! cpjh) (1/15. Whitehead, Bogotá)

SURINAM

- 4794 0950 R. Apintie, Dutch, OM anmts, UTE QRM, ID @0954 (222; 2/2. Moore, PA)
- 4950 0430 SRS, Dutch, YL nx, preceded by Neil Diamond rock mx (444; 1/8. Hrivnak, IL) (0411; 0431*; gd; 1/12. Lattemann, WA) (0520; DD/EE; 343; 2/3. Mellinger, NJ) (0350; 433; 1/16. Moman, AB) (0340; 444; 1/10. Stone, ON) (0400; 544; 1/5. Blom, NY)

URUGUAY

- 9515 0034 SODRE, back-to-back LAm vocals, piano mx to 0052; brief tlk w/ ID by OM, into SS nx @0100, no sign of the EE supposedly here as per their sked (I believe the EE is earlier. cpjh) (1/17. Radcliff, IL) Moman, AB)
- 11835 0030 R. El Espectador, ads, ID, mentioned Montevideo 3 times, rock mx (333; 1/20./
- 11885 2349 SODRE, EE, ID by YL, vocal LAm mx, 2358* (See, it is earlier. cpjh) (222; 12/27. Hodsdon, MN)

VENEZUELA

- 3245 0103 R. Libertador, slow LAm accordian mx, ID, UTE QRM severe; (322; 12/28. Kaza-ross, RI)
- 3395 0147 R. Universidad, tlk, ads, nx; (323; 1/24. Yajko, PA) (0350; 333; 2/4. Peters, MB) (1105; fr; 2/2. Bianco, NY)
- 4770 1045 R. Bolívar, OM TCs, ID w/: "El Mundo Bolívar." pop mx; strong (exc; 2/2. Bianco, NY) (0200; 444; 1/26. Thompson, NM) (0045; 232; 1/6. Alexander, PA) (0255; 433; 1/6. Blom, NY)
- 4780 1050 LV de Carabobo, LAm mx, ments. of Valencia, IDs (333; 1/6. Blom, NY) (0123; "La Música de Venezuela, LV de Carabobo," tlk (fr; 1/21. Lattemann, WA))
- t4800 2129 R. Lara, OM chatting w/ rapid anmts; SSB co-channel QRM (252; 1/18. Calver, UK) (2345; gd; 2/8. Brewer, TN) (0230; 343; 2/4. Peters, MB)
- 4840 0240 R. Valera, soccer match, same remote as R. Lara (333; 2/4. Peters, MB) (0358; 333; 1/9. Hrivnak, IL)
- 4850 0310 R. Capital, tlk about pop mx; (gd; 2/9. Brewer, TN)
- 4880 0130 R. Universo, mx from "Somewhere Over the Rainbow" to "Build Me Up, Buttercup" (wha?? cpjh) (444; 1/5. Blom, NY) (1018, 444; 1/8. Ross, ON) (0235; 444; 1/26. Thompson, NM) (2305; 242; 1/19. Calver, UK) (2330; 343; 1/14. Toia, ITALY: ID: La emisora mas musical, R. Universo) (2313; 333; 1/14. Fisher, MA)
- 4900 1020 R. Juventud, Bob James jazz composition: "Women of Ireland," ID 1023 as "LV de Barquisimeto" (Probably: "R. Juventud, LVdeB;" this is not a name change but a slogan. cpjh) (gd; 1/6. Lattemann, WA) (0300; "R. Juventud, LV de Venezuela," 333; 1/22. Leeman, RI)
- 4940 0325 R. Yaracuy, romantic LAm vocals, uninterrupted except for brief tlk by OM ancr. ID @0401 w/ fqys.: 1090 MW, 4940 SW, request for reception reports, NA @0404; (v.gd., 1/21. Lattemann, WA) (0310; 343; 1/17. Earhart, PA) (0105; 444; 1/26. Yajko, PA) (0030; 444; 1/24. Audette, MA)
- 4970 0300 R. Rumbos, recurring chime (therefore, nx, since chime is characteristic separation between nx items. cpjh) (444; 1/5. Blom, NY) (1015; 444; 1/8. Ross, ON) (0318; 343; 1/17. Earhart, PA)
- 4980 2328 Ecos del Torbes, "...transmite Ecos del Torbes, 770 kHz," ads, mx, ID (333; 1/18. Toia, ITALY) (2345; 333; 1/26. Dilk, NJ)+6
- 5030 2315 R. Continente, mx, ads, ID "En Continente, 7 y 22 min." (343; 1/16. Toia, ITALY) (0245; 343; 1/17. Earhart, PA) (0135; 454; 1/25. Thompson, NM) (0915; gd; 2/2. Bianco, NY) (0430; 544; 1/5. Blom, NY)
- 5040 0045 R. Maturín, OM, jingle IDs, TCs, LAm mx, poor mod (333; 1/20. Audette, MA) (0351; ID, statements by ancr w/ gong sounds along the way, (nx. cpjh) ID, fqys, then began to mention other stations and TV; 343; 1/17. Earhart, PA)
- 5050 0201 R. Mundial, ID, ads, into light EZL mx @0207 (555; 1/14. Owsley, CA)
- 6010 1050 R. Mil Cuarenta, soft mx, no Reloj (444; 1/26. Moore, PA) (0956; pop mx, usual "R. 1040" ID by YL. 322; 1/30. Jones, MS)
- 6180 0825 R. Turismo, nice LAm mx, ID (343; 1/19. Howell, CA) (1110; ads; 333; 1/20. Audette, MA) MS)
- 6190 1113 Ecos del Torbes, nx, ads, all squeezed between VOA and BBCWS (332; 1/17. Jones,
- 9660 1114 R. Rumbos, LAm mx, ID (1/13. Holland, NY)

SINCE I HAVE SOME ROOM HERE (AND HAVEN'T SORTED NORTH AND CENTRAL AMERICA YET) I'LL REPEAT MY PLEA FOR TIMELY SUBMISSION OF LOGGINGS. THERE ARE SOME VERY ANCIENT LOGGINGS ABOVE, AND YET I EDITED OUT MORE THAN I PRINTED. FOR THE APRIL ISSUE, LOGGINGS MADE FROM FEBRUARY 5TH TO MARCH 12TH (OR WHENEVER YOU CAN LOG AND STILL GET THEM TO ME IN TIME) ARE ELIGIBLE. I ALSO RECEIVED MANY LOGGINGS AFTER THE 12TH OF FEBRUARY, ALL OF WHICH GET NO CREDIT. PLEASE KEEP W/H CURRENT AND UP-TO-DATE. THANKS SO MUCH FROM ME AND FROM ALL SPEEDXERS.

NORTH AND CENTRAL AMERICA

I KNOW I WON'T HAVE ENOUGH ROOM, SO HERE ARE THE FQYS. AND TIMES FOR ANTIGUA AND THE NETHER-
LANDS ANTILLES: **ANTIGUA:** DW 6085,0533; BBC 6175 0503; BBC 6195 0859; DW 9690 0558; & BBC
15360 0330. **NETH. ANT.:** RN 6165 0615; TWR 9575 0845; RN 9590 0250; RN 9715 0810; RN 9770
0810; TWR 11710 0439; RN 11730 2058; TWR 11920 *0050; RN 15315 0035; RN 17695 *2030; RN
17695 1830; & 21640 2050. THANKS FOR YOUR COOPERATION.

BELIZE -- Radio Belize

3285 0330 EE, OM cmt, 834 MW stronger (232; 12/28. Kazaross, RI)

CANADA

5960 0115 RCI, EE, DXD; (444; 1/21. Rudolph, AL)
6005 0850 CFCX, Montréal, EE, phone-in tlk show, nx @0900; ID as: "CFCF, Radio 60," amt
for Heart Foundation, good to 0923 when R. Progreso s/on (2/9. Lazarus, LA) (0800;
pr/fr; 1/11. Lattemann, WA) (0754; 232; 1/26. Mosier, CA)+5
!6030!!1247 CFVP, Calgary, pop mx ("On and On", CFCN ID, address of 2735 Congress Road NW;
played "Coward of the County," nx at top of hour (1/23. Radcliff, IL) (1215; OM ancr;
MOR/pop mx, mxical ID: "Light Up Your Day with Music: CFCN." "Happy Anniversary, Al-
verta," VOA xmitter off @1200, new carrier enters the fqy. @1313 and helps clear
up noise problem (222; 1/21. Kowalski, WI) (0020; CFVP rarely heard here anymore
(It's rarely heard anywhere. cpjh) 222; 12/27. Moman, AB) (0812; pop mx, definite
CFCN IDs, under OC. Super-tough copy; 122; 1/26. Mosier, CA) dette, MA)
6065 1350 CBCNS, EE, "The Food Show," tlk on "International Garbage," (344; 1/20. Au-
6070 0248 CFRX, Toronto, EE, ad for Canadian Tire @0250, into Stanley Knowles orches-
tra (?). The xmsn was filled with QRM, so I find it unlikely that the orchestra
was named "Stanley Knowles Orch." S.K. is (or was) a Canadian politician, and I
don't know of an orch. by that name. (Why not? Many politicians have been known
to give their constituents a song-and-dance. cpjh) 333; 1/20. Burgess, SA)+3
6130 1115 CHNX, Halifax, EE, traffic reports, wx, sx, nx, ads (322; 1/15. Zilmer, WI)
(1210; ad for Chevy Camaro, then wx in N.S. and down as far as VA. 353; 1/4.
Earhart, PA)+3
6160 0813 CKZU, Vancouver, EE, guitar theme (544; 1/24. Witte, CA) (0650, chamber mx;
(454; 1/4. Traver, CA)
6160 1010 CKZN, St. Johns, NF; EE, OMM discussion px; mx, TC for 6:45 NF time @1015,
1030 ID, nx; (232; 2/2. Audette, MA)
6195 0510 CBCNS, EE, tx on inflation & election campaign (sounds like U.S. radio/TV
right now, hi! cpjh) (454; 1/23. Mosier, CA)+1
9535 0144 RCI, OM/YL cmt; (555; 2/1. Somers, CA)+1
9590 0000 BBC, nx, New Year tolled in by Big Ben (good; 1/1. Davenport, TN)+1
9625 1617 CBCNS, EE, "Anybody Home?" px, where if you live in certain provinces you can
call in at CBC expense. (How about New York? cpjh) (444; 1/12. Crosby, NJ)+1
11720 2240 CBCNS, EE, discussion px (533; 1/16. Schroeder, WI) (2131; "Soundstage: Nova
Scotia Brothers," (sounds like a lox company, hi! cpjh) 544; 1/27. Heyman, NY)+1
11830 0115 RCI, EE, DXD, (444; 1/21. Rudolph, AL)+1
11845 2330 RCI, EE, call from RCI to East Coast DJ who played "O Canada" on his sta.
after the Canadian Diplomatic Escape Caper (544; 1/28. Witte, CA)+1
11940 0100 RCI, EE, oil pipeline in Canada (544; 1/18. Valentine, CA)+1
15150 2151 RCI, EE, Afr. Svce. w/ nx to 2155 then ID, 2200* (354; 1/22. Owsley, CA)
15260 1500 BBC, RNxreel to Sat. Special (333; 1/12. Davenport, TN) (WHY CAN'T SACKVILLE
PERSONNEL GET THEIR ACT TOGETHER? 15260 IS STILL SPORADICALLY ON AND OFF. CPJH)
15260 1900 RCI, Afr. Svce, nx, rock-disco mx (433; 1/20. Dilk, NJ)
15325 2025 RCI, EE, Mailbag (Tnx. for putting Mailbag back on Mon. GMT; it's like get-
ting back an old friend. cpjh) (444; 1/27. Sanderson, AZ)
17820 1815 RCI, EE, DXD, (232; 1/13. Harrington, CO)+2
21695 1654 RCI, EE, tlk on election (444; 1/12. Crosby, NJ)+3

CUBA

6060 0520 RHC, propaganda, xmtr needs overhaul (544; 1/23. Mosier, CA)+1
6115 0042 RMWS, EE, "Moscow Mailbag," (544; 2/1. Curtis, TN)
9550 1430 RHC, Anthem, ID, fqy. info; mx (333; 1/27. Smith, FL)+1
11725 0538 RHC, EE, nx, cmt; (433; 2/3. Audette, MA)
11760 0500 RHC, EE, nx, tlk, (443; 1/5. Smith, FL)+2
11860 1614 RMWS, EE, travelogue (433; 1/16. Baker, DE)
11920 2125 RHC, EE, cmt on pirates (Nautical type, I suppose. cpjh) (543; 1/22. Hesch, NY)
11930 0135 RHC, EE, mx from the land of freedom (555; 1/14. Schroeder, WI)+4
15230 1510 RHC, "Voces de la Revolución" speech by Raúl Castro (444; 2/7. Leeman, RI)+1
17478.4 2040 RHC, out-of-band AA; ID @2113; 15230 listed (Could be a spur in your rcvr;
diff. between 15230 and 17480(a) is 2250, which is approx. 5 x455. cpjh) (fr; 1/13.
Lattemann, WA)
17750 2056 RHC, EE, interview, mx (334; 1/20. Lentz, PA)+1

COSTA RICA

4832 0639 R. Relej, OM, Lam mx, OM vocalist (242; 2/1. Traver, CA)+2
5055 0310 Faro del Caribe, EE, "Guidelines for Family Living" (423; 2/2. Nbinau, MD)

COSTA RICA -- (cont.) (Sorry about the missort; should be before CUBA. cpjh)
5954 0543 R. Casino, EE, BeeGees mx; (333; 2/7. Curtis, TN)
6006 1021 R. ReLoj, LAm mx, ID (12/27. Holland, NY)
6105 0245 R. Universidad, Light instrum. mx to 0300 (433; 2/5. Peters, MB)+1
6175 1044 Faro del Caribe, ID, TC, mx. (433; 1/7. Jones, MS)+1 Audette, MA)+3
9615 0122 R. Noticias del Continente, Address, ID, cmt. co-channel RTTY QRM (433; 1/19/
9645 0315 Faro del Caribe, EE, Bible study px, //5055 (322; 2/3. Audette, MA)

GREENLAND -- Kalaalit-Nunaata Radio
5987 1014 Lang, celeste IS, ID by YL, chime mx, pips (333; 1/26. Moore, PA)

GRENADA -- R. Free Grenada
15044.7 2257 EE, OM ancr, ID @2300, BBCWS nx, obits (fr/gd; 1/13. Lattemann, WA)+3
15105 2020 EE, ID, calypso mx (fr/gd; 12/22. Routenburg, ON)+6

GUATEMALA
2390 0301 LV de Atitlán, "Cumpleaños" Happy Birthday, ID @0310 (222; Cunningham, OH)
3300 0300 R. Cultural, EE, ID, Back to the Bible (444; 1/26. Forbes, TX)+3
3325 1115 R. Maya de Barillas, tlk, mention of "R. Maya" (333; 1/27. Audette, MA)+2
3380 0142 R. Chortis, "R. Chortis Presenta," mx (444; 12/28. Kazaross, RI)
4825 0225 R. Mam, Vern.; mx, tlk IDs (343; 1/21. Peters, MB)+2
4835 0210 R. Tezulutlán, several IDs, xylophone mx (232; 1/15. Stone, ON)+5
6180 1253 R. Nacional, OM DH, ads, IDs; (544; 1/20. Thompson, CA)

HAITI -- R. Station 4VEH
9770 1236 EE, tlk, R. Aust. QRM (422; 1/6. Wentzell, MN)
11835 1200 EE, nx, wx, rel. px (443; 1/30. Fraser, MA)+2

HONDURAS
4820 0315 LV Evangélica, EE, Back to the Bible (332; 1/10. Stone, ON)+5
4890 0115 R. Lux, mixed mx, IDs (433; 2/5. Peters, MB)
4920 0205 R. Progreso, vocals, mx, (444; 1/24. Thompson, NM)
6075 1247 LV del Junco, IDs over pop mx (322; 1/26. Jones, MS)

MEXICO
2390 0134 R. Huayacocotla, very loud on 1300' Beverage antenna, sub-audible het w/ LV de Atitlan (444; 12/28. Kazaross, RI) (0126; 333; 1/26. Yajko, PA)
6115 2335 R. Univ. de Sonora, class. mx; (554; 2/7. Thompson, CA)
11770 0117 R. México, discussion, mx (433; 2/5. Shridharani, NY)
15175 0330 LV de la América Latina, anmts, mx; (gd; 2/9. Brewer, TN)
15430 0120 R. México, soft mx, applause after songs (433; 1/17. Dilk, NJ)+2

MONTSERRAT -- DW Caribbean Relay
11705 *1200 DW, GG, nx, ID (1/5. Holland, NY) (0440, EE, Smith, FL) (0533, EE, Audette, MA)

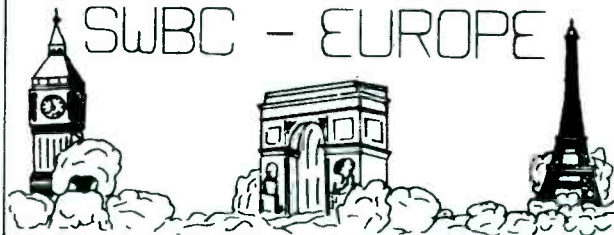
NICARAGUA
5950 0224 LV de Nicaragua, ID @0230, het w/ GBS? (232; 1/26. Owsley, CA)+1
6120 1202 R. Zinica, SS/EE, tlks by OM in SS, taped ID in EE by YL, "Música por Gloria Nacional" px (433; 1/24. Cunningham, OH) (1237, EE, "Special Sunday Morning Program in EE." mx of U.S. C&W mx & steel drum mx (433; 1/27. Jones, MS)

UNITED STATES OF AMERICA -- Glenn Hauser on today's (2/17 1813) DXD, reports that Radio Libertad Cubana was busted by the FCC in Miami on 2/7. It was bcng on 7090. Report was that several thousand dollars worth of equipment was confiscated. I don't know the name of the person who reported this to gh. cpjh

2400 0010 UNID pirate, various oldies in EE, occ. YL/OM tlk was prerecorded; prob. not a harmonic since no ads were heard (v.pr to gd, QSB; 1/26. Moore, PA)
6420 0205 KVHF, EE, back on w/ usual old gold '50s-'60s mx (333; 12/24. Newell, BC)
6965 0146 WRAG, EE, carrier on @0146, "This is WRAG testing." Carrier off. Repeated 2x, then off @0148; px never materialized (444; 1/21. Kowalski, WI) (6958, WARG, EE, t/in @0651, "On the East Coast of U.S." (222; 1/20. Owsley, CA)
7080 0200 R. Libertad Cubana, ID: "Esta es R. Libertad Cubana," march mx, mentions of R. Rebelde and a R. Nacional (222; 1/25. Fisher, MA) (Last logging, I guess. cpjh)
7365 0000 R. Confusion, EE, s/on, OM ancr: "R. Confusion is a pirate bcer on the SW bands," had own NA: "This is our first bc." QSL via Free Radio Campaign USA, mx (very poor; 1/20. Fisher, MA)
11740 0435 WYFR, tlk by YL, ID @0436, hymn (353; 1/10. Earhart, PA)
11780 2345 The Voice of the OAS, fqy anmts (545; 1/27. Heyman, NY) (This station is run by the Org. of American States. It's easy to hear, but I don't know the sked offhand. I'd guess 2300-0000 or so in EE, PP, SS, and FF, but please correct me if I'm wrong. cpjh)
15250 1716 WINB, EE, rel px, preaching (444; 1/31. Curtis, TN) (1845, Hawaiian mx (??) 444; 2/3. Somers, CA)+32 other U.S.A. reports

Well, I'll just about have enough room to thank all the reporters this month and ask you all to contribute next month. Remember, write if you get work. *Chris Offense + Arke (u)*

SWBC - EUROPE



EDITOR

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

ALBANIA

7065 0001 RT; EE cmt y til 0006 wld nx (333 1/17 Cohen-PA)(555 Proom-GB)
(Heyman-NY)
7060 0645 RT; EE tlk abt Albanian people (222 2/1 Smith-CA)
7300 0338 RT; EE ID tlk abt relations of Marxist countries (333 1/24 Dennis-IN)
(Owsley-CA)
9480 2110 RT; FF nx (333 1/1 Holland-NY)
9750 0010 RT; EE nx tlk abt Soviets and US imperialism (533 1/23 Rosewarne-CA)
(Forbes-TX)(Smith-FL)
9790 0050 RT; ALBANIAN mx ID (333 1/5 Holland-NY)
11985 0700 RT; EE y1 w/ nx cmt y (444 1/16 George-TX)

ANDORRA

6215 2028 AWR; EE lots of mx (344 1/15 Crosby-NJ)(Audette-MA)(Routenburg-ONT)

AUSTRIA

5945 0340 ORF; EE om/y1 w/ tx abt recipes (423 2/3 Binau-MD)(Hesch-NY)
(Lentz-PA)(Audette-MA)(Cohen-P)(Phillips-CT)(Smith-FL)(Kowalski-WI)
9770 0048 ORF; mx (434 1/27 Wentzell-MN)(Fournier-VA)(Heyman-NY)
(Alexander-PA)(Shridharani-NY)(Yajko-PA)
12015 0330 ORF; SS/EE mx ID mx (333 1/26 Forbes-TX)(Zilmer-WI)(Alexander-PA)
15200 *2100 ORF; GG wld nx mx mx (533 1/2 Hesch-NY)
15225 1830 ORF; EE "Report from Austria" (333 1/22 Zilmer-WI)(Audette-MA)
18560 1715 ORF; GG nx ID IS local mx (343 1/19 Zilmer-WI)(Hodson-MN)
21655 1239 ORF; EE ID nx "Mailbag" (444 1/21 Munster-GA)(Fraser-MA)

BELGIUM

6080 0015 BRT; EE tlk and mx mailbag (333 1/2 Davenport-TN)
11700 0000 BRT; EE international prgm for Christmas Eve (443 12/24 Byron-NY)
(Smith-FL)
15175 0030 BRT; EE "Brussels Calling" (333 1/26 Rudolph-AL)(Cohen-PA)(Byron-NY)
(Zilmer-WI)
17730 1705 BRT; EE "Brussels Calling" (433 1/26 Zilmer-WI)
17740 1747 BRT; EE om annrc w/ tx about QSL reports (444 1/24 Zelle-MAN)
(Bickel-CA)(Audette-MA)
21460 1700 BRT; FF ID but couldn't get it during teletype tlk imitations of
animal sounds (544 1/17 Byron-NY) Leslie, this is your station. ed

BULGARIA

7670 0415 RS; Greek mx into Albanian at 0430 (323 1/14 Draeseke-CA)
9530 2140 RS; EE nx sx cmt y (434 1/22 Yajko-PA)(Smith-FL)(Oakley-OR)
9560 *1600 RS; Turkish IS ID nx (434 1/18 Draeseke-CA)
9665 2135 RS; EE nx by om (333 1/18 Fournier-VA)(Kowalski-WI)(Draeseke-CA)
(Smith-FL)
9700 1933 RS; EE ID nx of Afghanistan and arms build up (322 1/21 Hodson-MN)
(Lentz-PA)(Yajko-PA)
9705 0000 RS; EE nx cmt y "Life in Bulgaria" (333 1/23 Fraser-MA)(Rosewarne-CA)
(Alexander-PA)(Lentz-PA)(Valentine-CA)(Heyman-NY)
21530 1318 Rd; via Plovdiv EE political cmt y (333 1/6 Holland-NY)

Czechoslovakia begins on the next page. ed

CZECHOSLOVAKIA

5930 0135 RP; EE DX prgm w/ Anna & Peter (343 1/25 Smith-FL)
 6015 2135 RP; EE y1 w/ nx ID cnty (333 1/30 Audette-MA)
 6055 0015 RP; EE mx cnty on Afghanistan (433 1/20 Zilmer-WI)
 7345 0343 RP; EE "Letterbag" (434 1/24 Dennis-IN)(Fraser-MA)(Dilk-NJ)
 (Forbes-TX)(Heyman-NY)(Cohen-PA)(Rosewarne-CA)(Pettit-IA)
 (Burgess-SASK)(Davenport-TN)
 9540 0430 RP; SS ID mx tlk (422 1/19 Smith-FL)
 11990 0122 RP; EE to MA mx cnty (444 1/26 Shridhani-NY)(Rosewarne-CA)
 (Saunders-FL)

DENMARK

15165 1857 RD; Danish/EE IS EE/Danish ID into Danish nx (232 1/13 Moman-ALB)
 (Kneamkern-NY)(Crosby-NJ)

FINLAND

9575 *0700 RF; Finnish tx (423 2/3 Pettit-IA)
 9645 0330 RF; EE nx "Compass North" (222 1/26 Cohen-PA)(Fournier-VA)(Moman-ALB)
 (Hensley-TX)
 15265 1300 RF; EE "Northern Report" (332 1/12 Zilmer-WI)(Hesch-NY)
 15400 1426 RF; EE y1/ nx (545 1/3 Korneke-IL)(Davenport-TN)(Earhart-PA)
 (Fournier-VA)(Zelke-MAN)(Smith-FL)(Holland-NY)(Dilk-NJ)(Forbes-TX)
 21475 1445 RF; EE tlk abt Olympics (444 1/26 Yajko-PA)

FRANCE

5990 0514 RFI; FF pop mx (232 1/17 Draeseke-CA)
 6175 0840 RFI; FF ID disco mx (453 1/15 Munster-GA)
 7135 0528 RFI; FF ID popmx ID nx (454 2/5 Munster-GA)
 9510 0440 RFI; FF tlk by pl (333 1/17 Draeseke-CA)
 11705 2130 RFI; FF om giving freq info (584 1/27 Heyman-NY)(Hrivnak-IL)
 (Alexander-PA)
 11805 1820 RFI; FF tlk by om (322 1/18 Draeseke-CA)(Holland-NY)
 15330 1959 RFI; FF pop mx ID (354 1/17 Draeseke-CA)
 15360 1735 RFI; EE "PCA" om/y1 w/ wla nx (333 1/31 Audette-MA)
 17720 1730 RFI; EE nx African folk mx (444 1/18 Lenahan-MI)(Audette-MA)
 17775 1645 RFI; FF prgm for America (242 1/27 Munster-GA)
 17795 1700 RFI; EE "PCA" mx nx (1/13 Harrington-CO)
 17860 1730 RFI; EE om ID "PCA" (433 1/19 Hensley-TX)(Murphy-HS)(Hill-TOGO)
 21525 *1515 RFI; FF om w/ s-on ID IS nx 9433 1/13 Thompson-CA)
 21580 1718 RFI; EE tlk mx (121 2/3 Kern-CA)(Binau-ID)(Harrington-WD)
 21595 1530 RFI; FF children's prgm (544 2/1 Pettit-IA)
 21620 1700 RFI; EE "PCA" mx nx (1/13 Harrington-CO)
 21695 1700 RFI; EE prgm for US (444 1/13 Harrington-CO)
 25820 1341 RFI; FF mx (343 1/20 Korneke)
 25900 1344 RFI; FF om/y1 w/ mx (443 1/20 Korneke)

GERMANY (FED REP)

399* 0255 DW; GG ID by y1 IS ID into nx (222 1/21 Cunningham-OH)
 5960 0528 DW; EE IS ID into nx (444 2/7 Curtms-TN)(Cohen-PA)
 6030 0738 SWF; GG om anncr w/ lots of ads and polka mx (333 2/1 Kowalski-WI)
 6075 0945 DW; GG tlk (333 1/28 Holland-NY)(Smith-FL)(Korneke-VA)
 6085 0140 DW; EE Saturday skow (555 1/2 Hrivnak-IL)(Rudolph-AL)
 7190 0500 RFE; RR? IS (533 12/14 Pettit-IA)
 7265 0715 SWF; GG EE and GG mx many ads (433 1/23 Audette-MA)
 7285 0844 DW; GG mx (544 1/12 Korneke-VA)
 21600 1715 DW; EE ID nx (333 1/12 Alexander-B)(Lenahan-MI)(Dilk-NJ)(Curtis-TN)
 25690 1303 RL; RR y1 w/ tlk mentions of Afghanistan (333/1/13 Audette-MA)
 (Lentz-PA)

GERMANY (DEM REP)

11890 0335 RBI; EE nx against imperialists tlk abt protest again moving
 Olympics ID report by Brich Honecker (443 1/26 Munster-GA)
 11920 0325 RBI; PP discussion of Pinochet (433 1/26 Munster-GA)
 11905 *0100 RBI; EE om w/ req's (433 1/25 Audette-MA)
 15240 1400 RBI; EE nx (333 1/13 Zilmer-WI)
 15205 1400 RBI; EE nx (333 1/13 Zilmer-WI)

GREECE

9515 0215 VOG!; EE om w/ nx (222 12/11 Hodson-MN)(Heyman-NY)
 9530 1923 VOG; EE om wld nx ID (433 1/15 Audette-MA)
 9650 0230 VOG; Greek mx brief cmty (433 1/3 Stone-ONT)(Smith-FL)(Alexander-PA)
 11730 0215 VOG; EE nx ID (333 1/12 Harrington-CO)(Sanderson-AZ)(Rosewarne-CA)
 (Moman-ALB)(Rudolph-AL)(Yajko-R)(Dunn-CA)(Thompson-CA)

HUNGARY

6010 2107 RB; EE nx cmty on Chinese foreign minister (444 1/21 Audette-MA)
 99885 0204 RB; EE cmty on the Olympic committee (333 1/18 Smith-FL)(Byron-NY)
 Zelle-MAN
 9835 2129 RB; Hungarian ID IS (322 1/2 Smith-FL)(Byron-NY)(Barhart-PA)
 11910 1515 RB; Hungarian tx bad net (322 1/23 Thompson-CA)

ICELAND

12175 1140 RR; EE/Icelandic ID "This is Reykjavik Radio" (232 1/20 Audette-MA)

ITALY

9575 0100 RAI; EE nx by y1 w/ EZ listning mx (333 1/6 Alexander-PA)(Pettit-IA)
 9710 0400 RAI; EE nx (433 1/24 Zilmer-WI)
 11880 0100 RAI; EE local and international nx (333 1/22 Slovinski-CA)(Cohen-PA)

LUXEMBOURG

6090 0822 RL; FP record request prgm (555 1/12 Korneke-VA)(Smith-FL)(Hrivnak9 IL)

MALTA

6100 0128 DW; EE IS ID freq's tlk on energy (444 2/1 Thompson-NE)
 95655 0145 DW; EE nx (433 2/5 Shridharani-NY)
 9670 0715 XM; EE features abt Malta Maltese pop mx (434 1/19 Rosewarne-CA)
 (Loren-CA)
 9735 0200 DW; GG nx (333 1/29 Rudolph-AL)
 11785 1425 DW; EE mx non-stop (353 1/1 Barhart-PA)
 11865 0130 DW; EE IS nx (423 1/27 Pettit-IA)

MONACO

9495 0830 TWR; EE "Back to the Bible" (343 1/17 Slovinski-CA)(Ross-ONT)(Holland-NY)(Ottaway-CO)(Smith-FL)

NETHERLANDS

5955 0950 RN; EE om w/ IL mx (232 2/2 Audette-MA)
 7210 *0730 RN; DD IS ID freq's QRM de Moscow (242 1/27 Draeske-CA)
 11720 0708 RN; EE om w/ nx report on the EEC meeting (444 2/7 Smith-CA)
 11730 2145 RN; DD tlk mentions of Netherlands (333 12/29 Holland-NY)(Valentine-CA)
 17605 1900 RN; EE "DX-Juke Box" ad for EDXC convention (544 1/24 Lenahan-MI)
 (Dilk-NJ)(Wrosby-NJ)

NORWAY

9595 1400 RN; EE "Norway this Week" nx and views (222 1/27 Zilmer-WI)
 (Rosewarne-CA)(Sanderson-AZ)(Zelle-MAN)
 11850 0826 RN; EE "Listner's Corner" w/ letters abt exports of Norway (433 1/13 Heyman-NY)
 15345 1225 RN; EE jazz mx om w/ ID freq's (333 2/3 Audette-MA)
 17840 1405 RN; EE om/y1 w/ nx tlk on mining of gold (44442/3 Audette-MA)
 21655 1618 RN; EE y1 interviewing the US ambassador to Norway (232 2/3 Audette-MA)
 21730 1418 RN; EE mx tlk (333 1/6 Holland-NY)(Hesch-NY)

POLAND

6095 2035 PR; EE om w/ nx mailbag prgm (333 1/27 Audette-MA)
 7125 2225 PR; EE ID IS into prgm in EE to Australia (222 1/13 Zilmer-WI)
 (Audette-MA)
 7270 0200 PR; EE ID IS cmty on Polish National Workers (544 1/19 Baker-DE) 17

POLAND cont

7285 0627 PR; Polish tlk by om/yl mx (242 1/27 Draeseke-CA)(555 Proom-GB)
 11815 0305 PR; EE nx Polish lanhuage lessons (433 1/13 Moman-ALB)(Rudolph-AL)

PORTUGAL

6025 0519 RP; EE yl w/ story of the history of Poland (232 1/31 Smith-CA)(Slovinski-CA)(Holland-NY)(Hrivnak-IL)(Moman-ALB)
 RP; EE nx mx (343 12/4 Proom-GB)
 9740 2040 RJ; EE nx ID (222 1/12 Alexander-PA)
 11735 2200 RP; EE nx by yl sked of EE broadcasts (533 1/12 Heyman-NY)(Phillips-CT)
 11935 0509 (Sanderson-AZ)(Cohen-PA)(Smith-FL)
 17880 1805 RP; EE nx ID (444 1/25 Zelle-MAN)
 25690 1155 RL; RR speece by man jammed (252 1/9 Fraser-MA†)

ROMANIA

5999 0130 RB; EE nx ID cmty (534 12/22 Heyman-NY)(Dilk-NJ)(Moman-ALB)
 7195 2015 RB; EE "Listner's Mailbag" (423 12/24 BakdreDE)(Audette-MA)
 9570 0150 RB; EE "Radio Newsreel" (544 1/24 Stone-ONT)(Cohen-PA)(Holland-NY)(Hrivnak-IL)
 9690 1940 RB; EE ID byyyl cmty (222 1/3 Hodson-MN)(Zilmer-WI)
 11775 1500 RB; EE nx cmty mx (333 1/27 Zilmer-WI)
 11840 0430 RB; Romanian mx ID (322 1/13 Oakley-OR))
 11940 0647 RB; EE nx ID cmty on underdeveloped countfies (444 2/1 Audette-MA)
 17745 0510 RB; EE ID IS anthem nx (222 1/14 Smith-FL)

SPAIN

6065 0545 SFR; EE nix (222 1/19 Rudolph-AL)(Dunn-CA)
 7k05 2115 SFR; EE yl w/ interviews (43331/31 Audette-MA)
 9360 0200 SFR; SS ID address for reception reports (444 1/27 Stone-ONT)
 9570 1715 SFR; SS tlk nx folk mx (333 12/26 Rotenburg-ONT)
 9630 0550 SFR; SS ID wld nx (333 2/3 Gaede-CA)(Byron-NY)(Hodson-MN)(Lentz-PA)(Hrivnak-IL)(Heyman-NY)(Slovinski-CA)(Moman-ALB)(Hensley-TX)(Kern-CA)
 9695 0240 SFR; EE "Saturday Show" (433 1/13 Burgess-SASK)
 11880 0123 SFR; EE nx American mx (455 1/16 Korneke-VA)(Valentine-CA)(Somers-CA)(Smith-FL)(Nolden-CT)(Heyman-NY)(Dunn-CA)(Pournier-VA)(Curtis-TN)(Cohen-PA)(Burgess-SASK)(Owsley-CA)(Saunders-FL)(Schroeder-WI)(Pettit-IA)(Rudolph-AL)(Hesch-NY)

SWEDEN

6065 2L15 BS; GG DX prgm (555 12/4 Proom-GB)
 9696 0255 RS; EE tlk abt a visit to India (333 1/12 Harrington-CW)(Audette-MA)
 11705 2300 RS; EE wld nx sx "Panorama" (333 1/29 Cohen-PA)(Sanderson-AZ)(Rosewarne-CA)(Curtis-TN)(Heyman-NY)(Valentine-CA)(Forbes-TX)(Thompson-NM)(Smith-FL)
 11845 *2100 RS; EE nx Panorama (333 1/15 Famularo-NJ)(Audette-MA)(Moman-ALB)
 11905 0036 RS; EE tlk abt mx (344 1/6 Lentz-PA)
 15275 2332 BS; EE "Sweden Calling DX-ers" (534 1/29 Heyman-NY)(Oakley-OR)
 21615 1425 RS; EE om/yl w/ discussion of roles of men and women (444 1/20 Phillips-CT)(Dilk-NJ)(Byron-NY)(Wentzell-MI)

SWITZERLAND

3985 0800 SRI; FF Swiss folk mx (333 1/12 Korneke-VA)(Uerlings-OR)(Thompson-CA)
 6135 0210 SRI; EE "Dateline Tuesday" (333 1/23 Sanderson-AZ)
 6165 0705 SRI; EE "Swiss Shortwave Merry-Go-Round" (423 1/26 Rosewarne-CA)
 9560 0715 SRI; EE "Dateline" (433 2/1 Audette-AM)(Rudolph-AL)(Smith-FL)(Shridharani-NY)(Gaede-CA)(Curtis-TN)(Coner-PA)
 11715 0145 SRI; EE mx "Swiss Shortwave Merry-Go-Round" (434 1/27 Pettit-IA)(Rudolph-AL)(Forbes-TX)(Smith-FL)
 15135 1815 SRI; EE nx "Sunday Supplement" (333 1/20 Zilmer-WI)(Kerrigan-IL)(Smith-FL)
 15305 0343 SRI; Swiss mx (222 1/25 Saunders-FL)
 17760 *1815 SRI; EE yl w/ tlk nx (232 1/19 Audette-MA)(Zilmer-WI)
 21570 1315 SRI; EE "Subday Supplement" (222 1/20 Rudolph-AL)(Holland-NY)(Wentzell-MI)
 21590 1314* SRI; EE IS ID TC off abruptly (443 1/27 Zilmer-WI)

UNION OF SOVIET SOCIALIST REPUBLICS

RADIO KIEV

7150 *0300 EE; propaganda (333 1/29 Pettit-IA)
 7215 0030 EE; nx tlk on Afghanistan (343 1/6 Smith-FL)(Fraser-MA)
 7400 0302 EE; cmty on the Afghanistan crises (534 1/10 Heyman-NY)(Lentz-PA)
 9595 0328 EE; yl w/ s-off announcements (333 1/20 Moman-ALB)
 15240 0030 EE; tlk abt elections in the Ukrainian (544 1/12 Stone-ONT)(Zelle-MA)
 (Audette-IA)
 17870 0045 EE; tlk w/ yl (232 1/15 Lentz-PA)(Yajko-PA)

RADIO MOSCOW

4055 0520 RR; classical mx (222 12/22 Routenburg-ONT)
 5015 0224 RR; light mx tx (444 1/22 Getzel-NY)
 5065 0219 RR; yl tlk abt mx (222 1/22 Getzel-NY)
 6090 1959 EE; via Orenburg IS ID "Spotlight on Sports" (222 12/24 Routenburg-ONT)
 7125 0600 EE; via Kjabarovsk ID nx wx "Moscow Mailbag" (332 1/6 Smith-FL)
 7150 2340 RR; classical mx ID nx (454 1/7 Baker-DE)
 7165 2335 EE; via Lvov "Moscow Viewpoint" (333 1/5 Smith-FL)(Fournier-VA)
 (Dennis-IN)
 7290 0200 RR; ID classical mx (433 1/21 Stone-ONT)
 7320 0630 RR; om w/ a dramatic reading (343 2/7 Smith-CA)
 7390 2019 EE; via Moscow? tlk on the 50th anniversary of the External Service (444 12/23 Kerrighn-IL)
 7440 2345 EE; via Novosibirsk interviews w/ US students (333 1/8 Baker-DE)
 9490 2300 EE; via Moscow nx cmty DX-Program (454 1/5 Fraser-MA)
 9505 0200 RR; IS ID tlk by yl (222 1/25 Smith-FL)
 9520v 2300 SS; IS speece ID (252 1/23 Fraser-MA)
 9530 2300 EE; via Simferopol IS ID nx mx viewpoint (343 1/17 Smith-FL)
 9580 0303 EE; nx cmty nx (333 1/24 Smith-FL)
 9610 0240 EE; via Lvov tlk abt medicine in the USSR (333 1/17 Dunn-CA)(Stone-ONT)
 (Crosby-WJ)
 9640 0155 SS; via Moscow ID IS s-off (444 1/17 Stone-ONT)
 9685 2315 EE; tlk abt anti-Olympic movement (454 1/21 Smith-FL)(Holland-NY)
 (Fraser-MA)(Fournier-VA)(Pettit-IA)
 9735 0428 EE; "Newsand Views" (343 1/4 Smith-FL)
 9795 2300 SS; via Yerevan nx cmty (444 1/20 George-TX)
 11630 0425 RR; mx by yl (333 1/8 Harrington-CO)
 12010 0725 EE; via Nikolayev "Radio Newsreel" (444 12/29 Kerrighn-IL)(Dilk-NJ)
 15100 2330 RR; IS ID mx nx (444 1/2 Smith-FL)
 15140 2215 EE; via Vladivostok om/yl w/ science prgm (433 1/20 NO NAME)
 15180 0719 EE; via Petropavlovsk cmty on Pravda editorial (1/30 Smith-FL)
 15455 0347 EE; via Petropavlovsk tlk on Soviet mx programs (444 1/7 Crosby-NJ)
 (Baker-DE)
 17810 1350 EE; via Simferopol uninterrupted pop mx prgm (343 2/3 Mellinger-NJ)
 17850 0125 RR; MOR mx speece (454 1/22 Fraser-MA)
 21725 1300 EE; nx cmty (232 1/20 Zilmer-WI)

RADIO RIGA

5930 2100 LATIVIAN; IS anthem ID into mx prgm (333 1/19 Fisher-MA)

STATION PEACE and PROGRESS

7380 0130 SS; om w/ ID TC meter bands (433 1/11 Heyman-NY)
 11820 1530 EE; ID wld nx (343 1/12 Loren-CA)
 11890 1553 EE; cmty on Military budgets (333 1/31 Fournier-VA)

RADIO TALLIN

6685 2128 Estonian; Swedish tlk to 2132 into Estonian (242 12/12 Vranes-PA)
 (Lobdell-MA)

RADIO TASHKENT

6215 1330 EE/?; IS ID nx in unidentified language into EE ant 1400 (333 1/3
 Pettit-IA)(Valentine-CA)(Hodson-MN)

Well we almost got all of the loggings in this month. Will try to use the left overs

next month. 73'3

SWBC DX

AFRICA



Radio Television Kaduna

Editor: WAYNE OLIVER
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BRADFORD MA 01830



FEBA
Seychelles

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

Many good loggings this month from 71 reporters....Also a new shortwave radio country is reported for the first time in this column...Many good tips will follow in "Drumbeat", from SCDX'ers and Richard Ginbey in South Africa. I would like to thank Costa Constantinides from South Africa for the info on Capital Radio which will be published later on...Remember times/dates are GMT and frequencies are in kilohertz.....

ALGERIA

9610	2100	Radio Algiers: EE ID,nx, disco (222 1/25 Semesky-IN)(Heyman-NY)(Famularo-NJ)(Potorti-NV)(McLean-NY)(Kavalesky-OH)
11614	2105	RA: EE/FF anns, into AA at 2130 (333 1/13 Witte-CA)
11645/	2115	RA: EE nx/wx, short nx pgm at 0200 (444 1/13 Binau-MD)
11646.7		(433 1/17 Earhart-PA) Ken measured freq at 11646.7..w10
15370	0135	RA: AA mx,nx at 0200 (343 2/1 Audette-MA)

ANGOLA

3375	0430	Radio Nacional: PP mx and talks gone by 0430 (2/3 Ottaway)
4820	2205	RN: PP nx pgm to 2210, ID as "R.N. Luanda" (333 1/27 Yajko)
11955	0512	RN: PP pop songs, ID, QRM de BBC at 0545 (333 1/26 Cunningham-OH)(333 1/28 1710 FF Witte-CA)

ASCENSION ISLAND

6005	0512	BBC: EE sports tlks (333 1/31 Traver-CA)
7105	0610	BBC: EE economic tlks (422 2/7 Traver-CA)
9580	0200	BBC: TP,TC, ID, World nx (454 1/30 ????) (534 1/23 Thompson-CA)
11820	1855	BBC: EE "Farmer's World" ID (343 1/15 Lucas-CA)(444 12/29 2010 EE Schroeder-WI)(545 1/12 1805 EE Rosewarne-CA)
11860	*0300	BBC: EE s/on w/ID,nx (333 1/13 Moman-ALBERTA)
15360	0430	BBC: EE intermezzo to 0445* (453 1/27 Zilmer-WI)
21490	1234	VOA: SS tlks on Afghanistan (343 2/3 Audette-MA)//17830

WORLD SERVICE

BENIN

4870	2215	ORTB: FF tlks, afromx (333 1/5 Rubin-MA)(433 1/6 0600 FF Pettit-IA)(Lattemann-WA)(Kneaskern-NY)(Curtis-TN)(Alexander)
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CAMEROON

4750	2150	Radio Bertoua: FF/EE tlks, ID's, 2207* (343 1/25 Audette-MA) (354 1/25 2151 FF/EE Moore-PA)(232 1/21 0545 Vern Uerlings)
4850	0500	Radio Yaounde: EE/FF nx, disco mx (443 1/24 Peters-MAN.) (FF at 2200 Hodson-MN)(Witte-CA)(Thompson-CA)
5010	2158	Radio Garoua: AA? tlks by OM, NA, 2200* (333 1/20 Yajko-PA)
9730	1825	Radio Cameroon: Lengthy sports/nx (555 12/24 Hill-TOGO)

CANARY ISLANDS

15365	2025	REE: SS tlks,mx,ID (333 1/23 Witte-CA)(Cunningham)(Crosby)
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CHAD

4904	1912	RNT: PF OM tlks, drum mx (353 1/11 Calver-United Kingdom)
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EGYPT

9475	0300	Radio Cairo: EE tlks, pop mx (544 1/17 Rosewarne)(Forbes)
9805	2315	RC: EE tlk on Arabic Poetry and prose (222 1/28 Cohen-PA)
12005	0205	RC: AA mx to 0215 into EE nx (333 1/14 Davenport-TN)

Finally got our first snow of the season...?" last weekend 2/15....will be off to sunny Miami Beach next week for some R&R.....

EQUATORIAL GUINEA

4926 2130 R. Ecuatorial: SS tlks, several ID's (333 1/12 Yajko-PA)
 (Audette-MA)(George-TX at *0430)(Moore-PA)(Binau-MD)
 5005v 2135 R. Ecuatorial: SS tlks to 2159* (333 1/29 Yajko-PA)(Oliver)
 (Lattemann-WA)(Uerlings-OR)
 6250 2145 Radio Malabo: SS ID, pop mx, NA,2200* (323 1/19 Fisher-MA)
 (12/23 2045 SS Routenburg- ONTARIO)

ETHIOPIA

7110 *0721 VORE: March mx s/on w/FF ID (fair 1/13 Ottaway-CO)
 9560 1515 VORE: EE mx/tlks (434 1/16 Constantinides-RSA)(Hensley-TX)

GABON

4777 2250 RRG: FF tlks by OM (232 1/10 Alexander-PA)
 11940 1910 Africa #1: EE test xmsn on new xmtr (544 12/10 Kneaskern-NY)
 15205 1913 Africa #1: EE anns over co-channel VOA (12/15 Hauser-TN)

GHANA

3350 0613 GBC (Ejura 1): OM vern speech (121 1/21 Uerlings-OR)
 3366 2204 GBC (Accra 2): EE rlg tlks, TC,nx (323 1/19 Yajko-PA)(Audette)
 4915 0600 GBC (Accra 1): EE newscast (343 1/10 Ray-PA)(Yajko)(Moman)
 4980 2145 GBC (Ejura 2): EE mx pgm, 2200 ID/nx (232 1/19 Audette-MA)
 6130 2215 Radio Ghana (Ext. Serv.): EE OM tlks,mx (222 1/5 Hodson-MN)

GUINEA

4910 2225 Radio Nationale; Vern tlks, pgm notes (242 2/5 Audette-MA)
 7125 1525 RN: FF OM w/ afro music (332-1/23 Thompson-CA)

IVORY COAST

4940 2205 RTVI: FF tlks, ID As "Ici Abidjan.." (323 1/12 Yajko-PA)

KENYA

4934 *0258 Voice of kenya: IS, Swahili ID //4915 (1/9 Johnson-MN)

LESOTHO

4800 1445 LNBS: EE pop music (223 12/30 Constantinides-South Africa)

LIBERIA

3227 2207 ELWA: Vern tlks by OM (322 1/19 Yajko-PA)(Uerlings at 0620)
 4770 0600 ELWA: EE ID, local nx (322 1/16 Semesky-IN)(Heyman-NY)
 (Yajko-PA at 2212)(Audette-MA)(Cunnungham-OH)(Getzel-NY)
 6035 0704 VOA: EE "Morning Roundup", current events (Audette)(Holland)
 6180 0604 VOA: FF mx, ballad (332+ 2/2 Earhart-PA) How's the NRD-505??
 7280 0308 VOA: EE nx, ID "African Safari" (333 2/3 Audette)(Moman)
 11830 0730 ELWA: EE religious pgm (433 1/19 Constantinides-SA)
 11835 *2013 ELWA: EE ID, IS into AA pgm at 2015 (444 1/19 Yajko-PA)
 15240 0440 VOA: EE w/"Breakfast Show" (444 2/3 Mellinger-NJ)
 15445 1725 VOA: EE nx on Iranian situation, sports (555??Schroeder)
 17865 0335 VOA: EE nx, ID (??? 12/27 Holland-NY) Late logging!!! wlo
 21660 2110 VOA: EE tlks on UN in Afghanistan (333 1/8 Famularo-NJ)

LIBYA

11690T 2345 SPLAJBC: AA mx to 2349, then tlks..believe Libya but both
 Kuwait/Saudi Arabia rptd here too (444 1/15 Earhart-PA)
 11790 1930 SPLAJBC: AA chants/tlks //15450 (333 2/3 Zilmer-WI)
 15450 1415 SPLAJBC: AA Koran chants //17930 (333 2/3 Zilmer-WI)
 17930 1410 SPLAJBC: AA chants (343 2/2 Ray-PA)(433 1/26 1700 AA Semesky)

MADAGASCAR

11730 1740 Radio Nederland: AA pgm (434 1/21 Kneaskern-NY)(443 2102 EE
 Lattemann-WA)(544 12/28 2105 EE Schroeder-WI)
 15220 2050 RN: EE "His and Hers" pgm (444 1/8 Sanderson-AZ)(Wentzell)
 21640 2030 RN: EE "Happy Station" pgm (333 1/15 Moman-ALBERTA)

MALI

5995 2220 RNM: FF OM DJ, afro/western pop mx to 2300 ID (242 1/13 Ray)
 11960 1000 RNM: FF ID, mx (555 12/24 Hill-TOGO)

MAURITANIA

4845 0630 RNM: AA mx, chants (242 2/1 Traver-CA)(Getzel at 2203)(Pettit)
 Lattemann)(Kneaskern)(Yajko)(Peters)(Ray)

MOROCCO

6130 0615 VOA: EE/PF into Bulgarian at 0645 (222 12/15 Lucas-CA) the D 1979 sked from VOA lists this as Wooferton....wlo.....
 15360 0519 RTVM: AA mx, tlks (222 1/13 Tom Smith-FL)
 21735 1730 RTVM: AA chants, anns (453 12/31 Pettit-IA)(Cunningham-OH)

MOZAMBIQUE

9600 1210 Voice of Zimbabwe: EE/Shona political speeches (444 1/20 C. Constantinides-Rep. South Africa)

NIGER

3260 2245 ORTN: PF pgm of local and western style mx, no anns, s/off w/anthem at 2300 (242 2/2 Donly-SC)(211 1/27 Uerlings-OR) //5020.....FB boys...keep it up.....wlo
 5020 0620 ORTN: PF OM w/different types of mx (333 2/2 Alexander-FA)

NIGERIA

3326 2212 FRCN (Lagos): Night club act in EE (333 1/19 Yajko-FA) (232 1/26 2200 EE Audette-MA on 3325)
 4990 0545 FRCN (Iagos): EE OM tlks, ID at 0558 (242 1/10 Ray-PA) (Heyman-NY at 2150)(Yajko-PA)(Crosby-NJ)(Moore-PA)
 6025 0640 FRCN (Enugu): Vern afro chants (121 1/20 Uerlings-OR) ID???
 6050 0701 FRCN:(Ibadan): Local nx in EE (333 1/20 Uerlings-OR)
 6145 0656 FRCN (Calabar): Vern tlks,chants (222 1/20 Uerlings-OR)
 6195 0706 FRCN (Sokoto): Vern tlks, chants (211 1/20 Uerlings-OR)
 7255 1645 VON: EE w/"West African Serv." (555 12/31 Hill-TOGO) (232 1/13 0600 PF Harrington-CO)(111 1/13 0500 EE Moman)
 11770 2135 VON: EE world nx, ID,cmnty (333 2/3 Audette-MA) co/channelQRM
 15120 0618 VON: EE nx, "Legend of our land" (332 1/12 Smith-FL)
 15218.5 0607 VON: EE pgm "Nigerian short story" ID as North African Serv and Overseas Serv. (252 1/28 Donly-SC) Bob is this complete NF or a drifting 15128.5 ??? wlo.....

RWANDA

15410 2205 DW (Kigali): GG world nx // pgm on 9735 (545 1/13 Binau-MD)

SAC TOME e Principe

4806m 2110 Radio Nacional:PP tlks by YL (232 1/26 Audette-MA)

SENEGAL

4890 0605 Radiodiff. du Senegal: PF/vern tlks, chants (343 1/9 Famularo)

SEYCHELLES

11810t *0310 FEBA: Swahili mx into pgms at 0315 (322 1/14 McLean-NY)
 15160 *1700 FEBA: AA s/on, mx (423 1/26 McLean-NY)
 15405 0306 FEBA: IS, ID at 0310 into Farsi (243 1/21 Heyman-NY)(McLean) Hrivnak-IL)(Wentzell-MN)

SIERRA LEONE

5980 2116 SLBC: EE pgm "Old Fashioed Revival Hour" ID at 2123 by OM (353 2/3 Donly-SC)(Audette-MA)(Witte-CA at 0615)

SOUTH AFRICA

9560 1522 SABC: Afro mx, YL TC in EE (232 1/10 Thompson-CA)
 11900 *0155 R. RSA: IS, ID's, TP, nx (454 1/31 Thompson-NM)(Somers-CA) (Rudolph-AL)(Dennis-IN)(Hesch-NY)
 11935 1630 R. RSA: Afro mx, rock Lozi ID (listed) (443 1/13 Thompson-CA)
 15155 2100 R. RSA: EE ID, Intl nx (222 2/2 Cohen-PA)(Rudolph-AL at 0210) (Sanderson-AZ)(Owsley-CA)(Earhart-PA)
 15220 0400 R. RSA: EE tlks on oil in Madagascar (544 1/10 Phillips-CT) (Somers-CA)(Holland-NY)(Earhart-PA)(Ray-PA)(Kern-CA) (Davenport-TN)(Binau-MD)(Curtis-TN)
 15380 2230 R. RSA: Special frequency for Radio RSA's New Year's Eve phone in show this year, also announcing and heard on 17805/15220/11900 & 7270; this time, in 8 languages, and a 'boring bumper.' (Hauser-TN)
 17770 *0200 R. RSA: ID/freqs, news, EE pgms (343 1/30 Audette-MA)(555 1/23 0200 Baker-DE)(444 2/5 0200 Shridharani-NY)
 17780 2057 R. RSA: EE ID, newscast (444 1/23 Ray-PA)(Wentzell)(McLean)
 21535 1651 R. RSA: IS, ??? s/on (Crosby-NJ)(Smith-FL 2100 EE)(Schroeder)
 25790 1600 R. RSA: EE ID into Swahili (Kneaskern-NY)(Moman)(Lentz-PA)

Please make sure that all loggings that you send in are current!!! And if at all possible it would be greatly appreciated if they are cut...wlo

SWAZILAND

3240 0310 TWR: EE rlg hymn, vern tlks, 0331* (232 1/21 Cunningham-OH)
 3275 0345* TWR: Vern rlg tlks, 0345* (fair 2/3 Ottaway-CO)
 4790 *0255 TWR: long IS, many EE ID's into Vern (232 1/14 Hensley-TX)
 (443 1/21 0335 vern Peters-MANITOBA)
 5055 0311 TWR: EE rlg pgm (353 1/24 Forsman-CA)
 9640 *0355 TWR: IS, EE/vern ID's into vern tlks, DW QRM (222 1/5
 Cunningham-OH)(423 1/24 0330 vern Binau-MD)
 11700nf 2230 TWR: EE pgm, w/continuous mx w/occasional ann that this was
 a test beamed to Asia (443 1/21 Zilmer-WI)

TANZANIA

4785 *0300 RT: IS, Swahili s/on (333 1/8 Johnson-MN)(Cunningham-OH)
 5050 1705 RT: Swahili nx (444 1/18 Constantinides-South Africa)
 9683 *1900 RT: IS, TP's, EE ID (poor-fair 12/24 Routenburg-ONTARIO)
 15435 1415 RT: EE news (443 1/3 C. Constantinides-South Africa)

TOGO

5047 2200 RTT: FF pgms, ID (Cunningham)(Lattemann 0545)(McLean)(Heyman)

TRANSKEI

7160 1542 Capital Radio: EE pop mx pgm, ID as "This is Capital Radio
 604..." (555 1/22 Constantinides-RSA) more in drumbeat.....

UGANDA

15325 0245 I may have been listening to the "last" (for awhile) bcst
 1/6 at 0245 during multi-toned drumming; first heard splatter
 all over 19m band and beyond, and traced to here where mod.
 sounded ok, after this I wouldn't be surprised if xmtr blew
 up...BBCMS et al. report no ext serv reports since this date
 (Hauser-TN)

ZIMBABWE- RHODESIA

3307 0355 ZRBC (Gwelo): EE OM w/pop mx, TC (323 1/24 Uerlings-OR)
 3396 *0350 ZRBC (Gwelo): Bell IS, EE ID (Johnson-MN)(Witte-CA)(Peters)

YE OLD EDITORS OBSERVATIONS

There were a few things that bothered me immensely with this month's loggings
 First of all way to many were 'very old.' Please limit loggings to the
 10th and later of the preceding month...also in using the SIO code please
 remember that an overall rating of 1 means that the signal was unusable and
 therefore to use this would mean that a logging should be listed as tent-
 ative because no ID could be heard... and lastly when you list a freq. as
 'measured' please specify how it was determined...contrary to popular
 opinion,digital readouts on the newer modern receivers provide a great deal
 of resolution, but their accuracy is entirely dependent on your receiver's
 bandwidth. Please tell if you are using a crystal calibrator/freq meter etc.
 Thank you for listening to my ramblings and thanks for your cooperation..wlo

73's Wayne

AFRICAN DRUMBEAT

TRANSKEI: Capital Radio after having it's problems after inaugurating
 MW/SW transmission on 12/26...xmtr was hit by lightning... is apparently
 alive and well as these loggings from the "South African Shortwave Listener"
 confirm: Capital Radio is reported on 3950 kHz at 0415 & 1650 in EE, also
 reported on 7160 kHz at 0445 and on 9760 kHz at 0800.... some of these times
 seem compatible with possible NAM reception...wlo...From Richard Ginbey's
 African DX-report comes these notes...Southern Africa now has two pirate
 stations, Radio Danny Boy, on 4765 and 5950 kHz, Radio Big Daddy, previously
 on these two freqs can now be heard on 7210/15250 kHz. Tests have also been
 noted on 9520/11920/11950 and 15260 kHz. Both stations when on the air,
 operate 1600-1800 in English. ALGERIA: 9510 kHz is at 1700 in // to 9610/
 11810 in French...Clandestine broadcasts for Cubans in Angola are now heard
 1700-1750 on 7210 kHz, Tues/Thurs/Sat only. MOROCCO: 21735 kHz now closes
 at 2200 in AA...MOZAMBIQUE: Quelimane is now on 3195 kHz ex-3218, 1600-
 2000...TANZANIA: Dar es Salaam is back on 9750 kHz, 0900-1030, 15435 is
 used in place of 9685 1530-1945.... Some additional loggings from the
 S.A Shortwave Listener finds Beira, Mozambique on 3235 kHz at 1800.....
 Maputo, Moz. on 3910 kHz at 2115...Emissor Reg. da Huila, Angola on 3970 kHz
 at 2045, also from Angola Emissor de Benguela on 5041 kHz at 2215.....
 Finally back to normal this month...HI!!! Quite a few 'excellent' loggings
 DX seems to be really picking up.....BCNU in 30...73's..gud dx'ing

ASIA-OCEANIA

EDITOR:

JIM MAYER
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DEADLINE: 12th of each month
FREQUENCIES IN KILOHERTZ
TIMES ARE IN GMT

0000=sign on 0000=sign off



ASIA

BANGLADESH

15285 *1230 RB: EE ID, nx, almost inaudible (111 1/5 Holland-NY)(Pavelka-NY)

BURMA

4725 1356 BBS: Burmese w/ OM tkl, choral mx, ID @ 1358, more tkl (433 2/3 Thompson-CA)
(Howell-CA)(Oakley-CA)(Ottaway-GO)

5040 1550 BBS: EE w/ classical mx, ID by OM, gong (fair 1/12 Uerlings-OR)

5985 1455 BBS: EE w/ ID, disco/C & W mx, QRM (222 1/18 Lucas-CA)



CHINA

3270 1450 R. Peking: EE w/ YL tkl abt. the perfume industry (332 1/10 Thompson-CA)

4200 1500 RP: CC mx, tkl, // 3500 (443 1/15 Draeseke-CA)

4905 2258 Beijing 1: CC tkl by YL, TC, 2300* (444 1/13 Yajko-PA)

4970 1455* Urumqi: Kazakh w/ oriental singing, ID, s/off (242 1/24 Draeseke-CA)

4975 1329 Fujian: CC/EE w/ EE lessons (242 2/6 Lucas-CA)

5970 1329 Gansu: CC w/ lesson in EE, CC mx, ID, tkl (333 1/26 Smith-FL)

9440 1123 RP: SS? classical CC mx, ID, 1125* (poor 1/12 Holland-NY)

9820 1205 RP: EE nx by YL (444 12/25 Godfrey-ONT)(Zilmer-WI)

9900 2039 RP: PP tkl by YL (343 1/19 Yajko-PA)

9965 0002 RP: SS w/ ID, nx by YL (222 1/6 Hrivnak-IL)

11445 1230 RP: CC? IS, ID, OM/YL tkl, nx? (??? 12/29 Holland-NY)

11650 0146 RP: SS w/ nx, cmtly (444 1/23 Yajko-PA)(Earhart-PA)(Harrington-GO)(Moman-ALB)

11695 1948 RP: EE tkl on competition among factories, "Third World Marches On", ID @
2000 (433 1/23 Lattemann-WA)(Stone-ONT)(Hodsdon-MN)

11700 0100 RP: EE ID, IS, local nx, SEA nx, wld. nx (333 12/23 Hodsdon-MN)

11725 0835 RP: EE w/ nx by OM, ID, into CC mx (444 1/13 Ross-ONT)

15115 0100 RP: EE w/ wld. nx by OM, tkl on Afghan invasion (544 1/18 Schroeder-WI)

15125 0115 RP: EE tkl of Rhodesia, CC mx (444 1/23 Stone-ONT)

15300 0200 RP: SS ID: "Aqui R. Peking" (333 12/6 Kneaskern-NY)

15480 0142 RP: CC tkl by YL/OM on LSB (343 1/23 Yajko-PA)

15520 0110 RP: EE nx abt. Soviet intervention in Afghanistan (444 1/9 McLean-NY)(Dunn-CA)
(Lentz-PA)(Munster-GA)

15600 0240 RP: EE w/ YL anmt, CC opera (444 1/27 Stone-ONT)(Audette-MA)(Hodsdon-MN)

17605a 0127 RP: EE nx, cmtly, best freq. for NA (1/1 Davenport-TN)

17650 0158 RP: SS ID, IS, tkl, orchestra mx (454 1/20 Thompson-MM)

17680 0120 RP: EE w/ CC mx, tkl abt. the use of buffalo in CC, mx (443 1/11 Dilk-NJ)(534
Heyman-NY)(Stone-ONT)(Crosby-NJ)(Kornek-??)

CYPRUS

15420 0522 BBC relay: EE YL w/ "Letterbox" pgm, sked, TC, ID (232 2/3 Audette-MA)

INDIA

3255 1521 AIR-New Delhi: Lang. w/ nx by OM (212 1/22 Uerlings-OR)

4800 1547 AIR Hyderabad: EE OM w/ EE nx (fair 1/27 Uerlings-OR)

4820 1550 AIR Calcutta: Lang. w/ Indian chanting (fair 1/27 Uerlings-OR)

4850 1530 AIR Kohima: Lang. YL w/ oriental singing, definitely not China (222 1/22 Uerlings)

4920 1558 AIR Madras: Lang. w/ oriental chanting (poor 1/27 Uerlings-OR)

11620 2152 AIR: EE w/ flute IS, s/on, nx (434 12/10 Kneaskern-NY)(Witte-CA)(Phillips-CT)
(Valentine-CA)(Heyman-NY)(Holland-NY)(Yajko-PA)(Cohen-PA)(Wentzell-MN)(Brown-WA)

15205 1053 AIR: EE nx, political cmtly (??? 1/2 Holland-NY)

15335 1330 AIR: EE nx, cmtly, pgm sked, // 11810 (333 1/28 Zilmer-WI)

ALL INDIA RADIO

Only 85 reporters this month compared to last month's 101. Must be the weather, hi!.....

INDONESIA

3343 1516 RDK Pandeglang: Indo OM w/ t1k (222 1/22 Uerlings-OR)
 3434 1506 RDK Kediri: Indo t1k by OM (121 1/22 Uerlings-OR)
 4753 1400 RRI Ujung Pandang: Indo w/ bells, t1k by OM, nx?, island type mx (323 1/20 Oakley-CA)
 11790 1430 V. of Indonesia: EE w/ "Listener's Mailbag", mx (222 1/20 Hhlllps-CT)

IRAN

9022 2000 VOIRI: EE w/ male hostage pleading for U.S. to return Shah, mx (433 1/4 Dilk-NJ)
 (Crosby-NJ)(Kneaskern-NY)(Curtis-TN)(Wentzell-MN)(Lenahan-MI)(Hesch-NY)(Lentz) **
 15084 0845 VOIRI: Lang. w/ chanting/singing (333 1/13 Ross-ONT)(Lucas-CA)

IRAQ

9745 2210 R. Baghdad: EE w/ local mx, "Press Newsreel" pgm, ID (433 12/9 Kavalesky-OH)
 (Pettit-IA)(Moman-ALB)(Toia-ITALY)(Cohen-PA)(YaJko-PA)(McLean-NY)(Lenahan-MI)

ISRAEL

7412 2240 IBA: EE "C.A.L." pgm (544 1/13 McLean-NY)(YaJko-PA)(Wentzell-MN)(Zilmer-WI)
 (Rudolph-AL)
 9009 2052 IBA: FF w/ t1k, Israeli mx (poor 1/1 Holland-NY)
 9372 0417 IBA: Hebrew classical mx w/ t1k by YL anncr, ID @ 0458, time pips, nx (443 1/23 Lattemann-WA)
 9425 2020 IBA: EE w/ ID by OM, Israeli folk song, read letters, "DX Corner" (544 1/20 Schroeder-WI)(Toia-ITALY)(Pettit-IA)(Audette-MA)
 9435 0230 IBA: SS w/ nx, t1k to S. America, // 7412, 9815 (342 2/1 Zilmer-WI)
 9575 *2100 IBA: RR w/ s/on, jamming (322 1/14 YaJko-PA)
 9815 2230 IBA: EE nx, "TGIF" (433 1/11 Dilk-NJ)(Smith-FL)(Cohen-PA)(Kowalski-WI)(444 Lenahan-MI)(Harrington-CO)(Wentzell-MN)(Hodsdon-MN)(Rudolph-AL)
 11620 2320 IBA: Yiddish t1k, chanting by OM, to S. America (343 2/1 Zilmer-WI)(Earhart-PA)
 11637 *2230 IBA: EE ID, YL w/ s/on, TC, freq., nx, "Studio 3" pgm (454 1/24 Thompson-CA)
 (Wentzell-MN)(Smith-FL)(YaJko-PA)(Curtis-TN)(Kern-CA)(Zilmer-WI)(Rudolph-AL)
 (Fraser-MA)(Harrington-CO)(Davenport-TN)(Lucas-CA)(Byron-NY)
 11655 0655 IBA: Hebrew nx, ads, ID @ 0700 (343 2/7 Smith-CA)(Schroeder-WI)
 11795 0300 IBA: RR nx, t1k, mx to 0355* (433 2/1 Zilmer-WI)
 11960 2250 IBA: EE "DX Corner", t1k on reception reports (222 1/13 Moman-ALB)
 15105 0500 IBA: EE w/ main points of nx, wx (444 1/20 Lentz-PA)(Davenport-TN)(Harrington-CO)
 15300 0500 IBA: EE ID, s/on into nx (222 1/12 Harrington-CO)
 17630 1605 IBA: Hebrew w/ t1k by OM, interview (343 1/19 Loren-CA)

RADIO JAPAN

JAPAN
 3910 0830 FEN: EE w/ mx, OM anncr (343 1/13 Arida-JAPAN)
 3925 1530 NSB: EE w/ Tokyo Forum "Get Together", t1k & mx (444 1/14 Arida-JAPAN)
 6055 1603 NSB: EE w/ Tokyo Forum (444 1/23 Loren-CA)(Howell-CA)(Arida-JAPAN)
 6110 0830 NSB: JJ/EE w/ interpretation course, Tokyo Forum (1/15 Arida-JAPAN)
 6155 0858 FEN: EE ID, freq., nx @ 0900, 0906* w/ anthem (343 1/27 Brown-WA)
 9505 1500 R. Japan: EE w/ editorial, ID, nx (333 1/18 Holmes-TX)(Smith-FL)
 9530 0900 RJ: JJ w/ nx to S. America (1/15 Arida-JAPAN)
 9595 0646 NSB: JJ w/ OM t1k (433 2/7 Smith-CA)
 15235 0138 RJ: EE w/ economic nx (333 1/23 YaJko-PA)(Audette-MA)(Alexander-PA)
 15270 0500 RJ: EE w/ EE & JJ ID's, nx by OM (323 1/13 Heyman-NY)(Davenport-TN)
 17755 0410 RJ: EE w/ t1k on RR troops in Afghanistan (544 1/31 Valentine-CA)(Wentzell-MN)
 (Fournier-VA)
 17825 0129 RJ: EE ID, nx, "Current Topics", mx (454 2/5 Thompson-NM)(Valentine-CA)(Dunn-CA)
 (Fraser-MA)(Korneke-??)(Viscusi-CT)
 17880 0040 RJ: EE nx by OM, ID @ 0048 (343 1/30 McLean-NY)(Kneaskern-NY)
 21640 0148 RJ: EE w/ t1k on credit card banking (544 12/11 Kneaskern-NY)(Sanderson-AZ)

JORDAN

9560 1720 R. Jordan: EE w/ EZL mx, ID, severe co-channel QRM from RM (poor 12/26 Routenburg)

KAMPUCHEA

9695 *1200 VOKP: EE mx, ID by YL w/ freqs., t1k by OM/YL, ments of Kampuchea (222 1/11 Cunningham-OH)(Howell-CA)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

2850 1330 KCBS HS: KK w/ t1ks, vocal mx (454 2/5 Thompson-NM)
 3030 1458 KCBS Wonsan: KK w/ YL/OM t1k, choral mx, // Hyesan (2302) (333 1/10 Thompson-CA)
 4115 1405 VRPPR: EE nx to 1420, t1k by YL, het, 1430* (322 1/31 Potorti-NV)
 9977 0019 R. Pyongyang: EE ID w/ YL t1k on KK soldiers/Kim Il Sung, mx (333 1/9 Hodsdon-MN)
 (Godfrey-ONT)(YaJko-PA)(Dilk-NJ)(Holland-NY)
 11350 0220 KCBS HS: KK w/ drama show, singing (444 12/31 Stone-ONT)
 11778 0815 RP: EE nx by OM/YL, bad het (434 2/2 Rosewarne-CA)

PEOPLE'S REPUBLIC OF KOREA

- 7550 2300 R. Korea: EE w/ KK nx, magazine pgm, ID @ 2323 (333 12/9 Kavalesky-OH)(Zilmer)
- 9640 0745 RK: EE w/ "Korean Culture-Past and Present" pgm (322 1/31 Thompson-CA)
- 9720 1600 RK: EE ID by OM, S. Korean nx (343 1/18 Hensley-TX)(Hodsdon-MN)(Pettit-IA)(545 Harrington-CO)(Crosby-NJ)(Haskett-IN)(Thompson-CA)
- 9870 2020 RK: EE w/ feature items on Korea, oriental/pop mx, s/off w/ sked @ 2027 (252 2/3 Donly-SC)
- 11820 2303 RK: EE w/ nx by OM, ID, editorial, heavy QRM from BBC (222 1/21 Audette-MA)
- 11830 1840 RK: EE/SS w/ EE/KK language class, freq. sked, into SS @ 1845 (433 1/29 McLean-NY)(Audette-MA)(Hodsdon-MN)(Valentine-CA)(Thompson-CA)
- 15350 0245 RK: EE w/ Korean nx (333 1/7 Sanderson-AZ)
- 15570 2300 RK: EE w/ nx, cnty, request for reports/remarks (444 1/22 Slovinski-CA)(Lunn-CA)(Dilk-NJ)(Kern-CA)(Getzel-NY)(Hodsdon-MN)(Munster-GA)(Thompson-CA)

KUWAIT

- 9840 1845 R. Kuwait: AA w/ native mx, ME nx (444 2/2 Mellinger-NJ)(Viscusi-CT)(Earhart-PA)
- 11665 1835 RK: EE YL w/ nx, Kuwait wx, TC, ID, AA mx (444 1/27 Audette-MA)(Crosby-NJ)(444 Stone-ONT)(Phillips-CT)(Lenahan-MI)(Earhart-PA)(Binau-MD)(Lentz-PA)(Kern-CA)+++
- 21545 0530 RK: EE nx (232 12/30 Moman-ALB)
- 21605 1800 RK: AA mx, tlk, positive ID (444 12/17 Kneaskern-NY)(Holland-NY)

LAOS

- 6907v 1055 Oudom Xay: Lao w/ high voiced YL reading cnty (353 1/20 Moore-PA)

LEBANON

- 6550 0425 V. of Lebanon: AA w/ pop mx, YL annr (333 1/21 Getzel-NY)(Moman-ALB)

MALAYSIA (Peninsular)

- 9665 1605 RM Kuala Lumpur: EE w/ OM/YL annrs, mx, anthem, 1630* (323 1/11 Witte-CA)

Sarawak

- 4950 1330 RMS Kuching: CC w/ tlk, vocals, ID (343 1/21 Thompson-NM)

MONGOLIA

- 12070 *1223 RUB: EE w/ ID by OM, nx by YL, severe QRM (111 1/19 Holland-NY)

NEPAL

- 3425 1230 R. Nepal: Nepali w/ OM tlk, Hindi mx, ID @ 1230, chants (242 2/9 Howell-CA)(Thompson-CA)(Hardester-CA)(Uerlings-OR)

PAKISTAN

- 9460 1714 R. Pakistan: EE w/ nx pgm, ID (243 2/3 Wentzell-MN)
- 11675 1922 RP: Lang. w/ ments of Pakistan by YL, vocal mx, ID, choral song, 1930* (322 1/14 Cunningham-CH)(Godfrey-ONT)
- 17640 1650 RP: EE w/ 5 minutes of nx after ID (222 1/20 Lentz-PA)
- 17830 0232 RP: EE w/ slo-speed nx, ID, 0245* (444 1/26 Wentzell-MN)
- 21590 0231 RP: EE w/ ID, nx, 0300* (1/28 Owsley-CA)(Moman-ALB)
- 21755 1610 RP: EE w/ slo-speed nx, ID, quick 1615* (232 2/3 Audette-MA)(Yajko-PA)(Dilk-NJ)

PHILIPPINES

- 6110 1335 VOA relay: EE w/ VOA magazine show, book review, piano mx (454 1/23 Thompson-NM)
- 9715 1410 FEBC: EE/GC w/ OM tlk on love, YL translation to CC (242 2/3 Thompson-CA)
- 11890 0944 FEBC: EE w/ "Spiritual Discovery" pgm w/ YL, ID (232 2/2 Audette-MA)
- 15210 0538 VOA relay: CC w/ tlk on the Afghan situation (353 1/9 Famularo-NJ)
- 15450 2338 FEBC: EE w/ OM ID, mx (323 1/16 Famularo-NJ)(Kavalesky-OH)
- 15790 0030 RVA: EE w/ freq. listings, YL tlk (232 1/8 Hrivnak-IL)
- 17790 0050 RVA: EE w/ rel. mx, tlk (343 1/29 Viscusi-CT)
- 17810 0010 FEBC: EE w/ rel. tlk, nx by OM (444 12/28 Godfrey-ONT)(Witte-CA)(Viscusi-CT)(333 Kneaskern-NY)(Slovinski-CA)(Eramo-MA)

VOICE OF AMERICA

SAUDI ARABIA

- 5876 0350 BSKSA HS: AA chants, ments of "Arabiyah al-Saudiyah", ID @ 0400, nx (good 12/20 Rountenburg-ONT)
- 11685a 2300 BSKSA HS: AA mx w/ OM tlk, past s/off (433 1/14 Davenport-TN)
- 11855 2000 BSKSA: EE w/ ID by YL, "Words to Remember" pgm, lite mx (333 2/3 Donly-SC)(423 McLean-NY)(Calver-ENG)(Ray-PA)
- 11955 2016 BSKSA HS: EE w/ pop mx to 2020, ID, QRM de RMWS (434 1/31 Curtis-TN) Listed 11950..
- 15060 1830 BSKSA HS: AA chants, mx, nx @ 1900, ID (444 1/14 Lenahan-MI)(McLean-NY)(Moman-ALB)
- 15370 0128 BSKSA: AA w/ chanting, short ancmts (242 1/12 Owsley-CA)

Get ready for a long version of Dateline!!!!.....jwm

CROSSING THE BRIDGE



SINGAPORE

5010 1520 R. Singapore: EE w/ mx request pgm, YL anncr (333 1/12 Loren-CA)
 5052 1510 RS: EE w/ pgm // 5010 (544 1/12 Loren-CA)
 9740 1115 BBC relay: EE w/ "World Radio Club", // 9750, 9760 (333 1/14 Zilmer-WI)
 11940 1115 RS: EE w/ market reports by YL, // 5010, 5052 (423 1/14 Draeseke-CA)

SRI LANKA

3395t 1218 SLBC 1: Lang. w/ tlk by 2 OM's in S&A lang., nx? (232 2/9 Howell-CA)
 4968 1559 SLBC 1: Lang. w/ mx, tlk, weak carrier (poor 1/27 Uerlings-OR)
 9720 1530 SLBC: EE w/ "Hour of Decision" pgm, ID, freq. given, Q'H (443 1/23 Thompson-CA)
 (Wentzell-MN)(Zilmer-WI)(Hodsdon-MN)(Uerlings-OR)
 15425 0220 SLBC: EE w/ ID by OM, letters read, pop mx, TC's (222 1/12 Hodsdon-MN)(Audette)
 (Witte-CA)

Radio SingaporeTAIWAN

11745 1330 VOFC: CC tlk by YL w/ mx, cmty (322 1/11 Dilk-NJ)
 15270 2218 VOFC: EE w/ "Cultural Panorama", request for reports (444 1/15 Moman-ALB)(433
 Kavalesky-OH)(Moss-CA)
 15345 0300 VOFC: EE w/ nx, mx (222 1/29 Kern-CA)

THAILAND

9655 1132 R. Thailand: ?? w/ oriental mx, ancmts, ments of R. Thailand, QRN de Rumbos
 (232 2/1 Brewer-TN) Was this in EE Paul???

TURKEY

7215 2212 VOT: EE w/ review of Turkish Press, ID, "DX Corner" pgm, mx, DX tips (433 2/5
 Audette-MA)(Munster-GA)(Viscusi-CT)
 9515 2206 VOT: EE w/ nx, cmt on world affairs (333 1/15 Moman-ALB)(Fraser-MA)
 11955 2240 VOT: EE "Oldies but Goodies" pgm, ID, OM DJ (433 1/23 Thompson-CA)(Owsley-CA)
 (Hodsdon-MN)(Pettit-IA)

UNION OF SOVIET SOCIALIST REPUBLICS

5015 0837 Vladivostok: RR w/ tlk, local pgm (555 1/19 Owsley-CA)
 5905 1345 RM/???: CC tlk by OM/YL (333 1/17 Draeseke-CA)
 7175 0735 RMWS/Khabarovsk: EE w/ tlk by Vladimir Pozner on P. C. Service (343 1/22
 Munster-GA)(Smith-CA) Thanks for the USSR map Ralf. It helps me out 100%....jwm
 9580 0520 RM/Blagoveschensk: EE w/ tlk abt. nuclear weapons (333 2/3 Gaede-CA)(Smith-CA)
 9735 0621 RM/Nikolaevsk: EE w/ story on the Battle of Leningrad (433 2/1 Smith-CA)
 12010 1458 RM/Komsomolsk: EE Asian svce. w/ nx @ 1500 (444 1/13 Lentz-PA)
 12020 0745 RM?: RR w/ classical mx, no ID, tlk by OM/YL to 0815 w/ nx, UHN lists Irkutsk
 or Dushanbe but heard "Leningrad" @ 0815 (444 1/19 Munster-GA)
 12050 0615 RM/Khabarovsk: EE w/ OM tlk on Afghanistan (343 2/1 Smith-CA)
 15420 1329* RM/???: Viet. w/ high-pitched tlk by OM, mx, ID by YL, IS (333 1/17 Draeseke-CA)

Uzbek S. S. R.

6025 1400* R. Tashkent: EE w/ s/on of EE svce., QRN (353 2/3 Wentzell-MN)(Barhart-PA)

VIETNAM

10010 1558 VOV: Viet. ID by OM, tlk, Viet. mx (333 1/21 Hodsdon-MN)(Routenburg-ONT)(Ya.jko)
 10040 1814 VOV: EE ID, anti U.S.-China cmty abt. Afghanistan, mx (353 1/24 Brown-WA)(222
 Pettit-IA)(Hodsdon-MN)(Routenburg-ONT)(Kavalesky-OH)(Fournier-VA)
 12035 2230 VOV: EE w/ nx on Kampuchea/Afghanistan/Pakistan (fair 1/21 Catey-IL)
 15010 1515 VOV: Viet. tlk by YL/OM, local mx, 1527* (322 1/2 Hodsdon-MN)(Ray-PA)

YEMEN

4853t 2100 R. San'a: AA mx, tlk by OM (weak 1/25 Brewer-TN) Very interesting.....jwm
 7190 0323 DYBS: AA w/ local mx, tlk about Aden (332 2/2 Potorti-NV)(Baker-DEL)
 9780 0313 R. San'a: AA w/ lots of AA chants, tlk by OM (444 1/12 Howell-CA)(Baker-DEL)
 (Brown-WA)(Potorti-NV)

OCEANIAAUSTRALIA

4920 1033 ABC Brisbane: EE w/ YL anncr, nx, soft mx (222 1/8 Ross-ONT)(Audette-MA)(1/21
 Cunningham-OH)
 5995 1400 RA/Lyndhurst: EE w/ wld. nx, TC, Aussie nx (444 1/7 Rzepka-WI)(Fraser-MA)(434
 Owsley-CA)(Hensley-TX)
 6035 2205 RA/Carnarvon: EE w/ bulletin of wld. nx, ID, sports nx (232 1/27 Audette-MA)
 6060 1450 RA/Shepparton: EE mx, nx (444 1/20 Dunn-CA)(Audette-MA)(Lucas-CA)
 6140 1220 ABC Perth: EE w/ comedy pgm, interview, mx (333 1/26 Audette-MA)(Moman-ALB)
 6150 1259 ABC Melbourne: EE w/ wx, ID, time pips, anthem, s/off (333 1/16 Moman-ALB)

AUSTRALIA (continued)

- 9580 1207 RA/S: EE nx, ID, TC, "International Report", mx (333 1/1 Smith-FL)(Dilk-NJ)
 9610 1119 ABC Perth: EE ID, old songs from the 30's (444 1/5 Holland-NY)(Wentzell-MN)(454
 Lentz-PA)(Fraser-MA)(Rosewarne-CA)(Moman-ALB)(Davenport-TN)
 9660 1239 ABC Brisbane: EE w/ orchestral mx selections (232 1/18 Moman-ALB)
 11705 1245 RA/S: EE tlk w/ Aussie inventors (444 12/29 Holland-NY)
 11740 0745 RA/S: EE w/ pop mx, TC, wld. nx (444 1/25 Smith-FL)
 11800 1845 RA/C: EE science pgm, muffled audio (433 1/27 Audette-MA)(Zilmer-WI)(Rosewarne)
 11870 1504 RA/C: EE w/ wld. nx (343 1/13 Yajko-PA)(Fournier-VA)
 15145 0718 RA/S: EE w/ nx on the possible boycott of the Olympics by the U.S. (454 2/7
 Smith-CA)
 15160 0630 RA/Lyndhurst: EE w/ Waltzing Matilda IS, freq. given (444 2/3 Gaede-CA)(Curtis)
 15205 2330 RA/C: Thal IS, ID in EE, into Thal pgm (353 1/25 Zilmer-WI)
 15240 0720 RA/L: EE nx by OM (333 2/7 Smith-CA)
 15320 0557 RA/S: FF w/ R & R mx, OM anncr (444 1/31 Smith-CA)
 15425 0100 ABC Perth: EE ID, nx by OM, horse race coverage (222 1/12 Ray-PA)
 17795 0403 RA/S: EE nx, "News in Brief", "International Report" (243 1/29 Heyman-NY)(222
 Cohen-PA)(Wentzell-MN)(Pettit-IA)(Fournier-VA)(Alexander-PA)
 17870 0310 RA/C: EE nx, "Australian Editorial Opinion" (333 1/12 McLean-NY)(Yajko-PA)
 17890 0513 RA/L: EE w/ ID by OM, mx pgm, QSB (232 2/3 Audette-MA)
 21680 0054 RA/S: EE YL w/ pop mx, time pips @ 0100, wld. nx (252 1/15 Lentz-PA)(Mellinger)
 21740 0100 RA/S: EE IS, time pips, nx by OM (434 1/15 Heyman-NY)(Thompson-NM)(Kneaskern-NY)

COOK ISLANDS

- 5045t 0541 R. Cook Islands: Maori w/ drum beats, island mx, tlk, more mx (poor 2/3 Brewer)

GUAM

- 11840 0830 KTWR: EE IS, ID, rel. tlk (322 1/13 Heyman-NY)
 17770 0059 KTWR: EE IS, ID by YL, "Worldwide Bible Study" pgm (252 2/2 Donly-SC)(Alexander)

NEW HEBRIDES

- 3945 0938 R. Vila: FF w/ OM tlk, presumed Vila here under NSB. Slow, lite EZL mx, speech
 by OM @ 0948, // 7260 (222 2/11 Mayer-CA)(Routenburg-ONT)
 7260 0940 R. Vila: EE Church Service w/ hymns, 1005* w/ freqs. by OM (252 1/13 Donly-SC)

NEW ZEALAND

- 6105 0814 RNZ: EE w/ radio drama (443 1/19 Howell-CA)
 11945 0915 RNZ: EE mx pgm, Arthur Cushen's "DX World @ 0916 (454 1/6 Rosewarne-CA)
 15345 0510 RNZ: EE wx given by OM, TC, "Checkpoint" pgm (444 2/7 Curtis-TN)(Somers-CA)(433
 Valentine-CA)(Owsley-CA)(Moman-ALB)

Radio New ZealandPAPUA NEW GUINEA

- 3205 0918 R. West Sepik: Vern. w/ tlk by OM, island mx (222 1/26 Uerlings-OR)
 3260 0857 R. Madang: Pid w/ tlk by OM/YL, ID, nx @ 0900 (322 1/4 Howell-CA)
 3322 1245 R. North Solomons: Pid? w/ island/C & W mx (1/19 Brewer-TN)
 3335 0943 R. East Sepik: Pid w/ tlk btwn. 2 OM's (333 2/11 Mayer-CA)
 3360 0941 R. Milne Bay: EE MOR mx w/ OM anncr, orchestra mx (322 2/11 Mayer-CA)
 3385 0810 R. East New Britain: EE ID, nx in EE, mx @ 0815, ARO QRM (333 1/14 Witte-CA)(1/12
 Brewer-TN)
 3905 0934 R. Manus: Pid w/ nice island mx, OM anncr (433 2/11 Mayer-CA)
 3925 1145 NBC Port Moresby: EE w/ mx pgm, symphonic mx, ID, TC's (222 1/27 Audette-MA)(422
 Mayer-CA)
 4890 1037 NBC Port Moresby: EE ID as "NBC", R & R mx (333 1/8 Ross-ONT)(Crosby-NJ)(Pavelka)
 (Wentzell-MN)(Lentz-PA)(Hrivnak-IL)(Owsley-CA)(Moman-ALB)(Thompson-NM)(Steck-IL)

PAPUA NEW GUINEASOCIETY ISLANDS

- 11825 0538 R. Tahiti: Tahitian island mx, tlk @ 0600 w/ rock mx (543 1/23 Thompson-CA)(433
 Witte-CA)
 15170 0319 RT: Tahitian tlk by YL, mx, FF ancmts (432 1/26 Potorti-NV)(Curtis-TN)(Valentine)
 (Somers-CA)(Smith-CA)(Thompson-CA)

SOLOMON ISLANDS

- 5020 0742 SIBC: EE w/ "Halls of Montezuma" mx by chorus, ID, nx in EE, TC, ad (333 1/28
 Lattemann-WA)(Potorti-NV)(Pavelka-NY)(Pettit-IA)

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DATELINE

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Afghanistan-The latest sked from R. Afghanistan's domestic service reads: (0445-1500) 15305;
 (0525-1530) 11710; (0125-0520, 1600-1930) 7235; (0125-0430, 1515-1930) 6190. The remainder
 of RA's domestic services are: (0125, 1930) 7200; (0330-1930) 6230; (0125-0335) 4775.....

Burma-The "Voice of the People of Burma" has resumed broadcasts on 7570 and 6323 after the announced temporary suspension of transmissions. Broadcasts are now skedd from 0030-0230, 0530-0630, and 1130-1330, representing a reduction of output from eight to six hours per day. Programmes still follow the regular pattern with music and songs interspersed with "combat news". In addition to Burmese, the station broadcasts in various minority languages and Standard Chinese.....

Cambodia-The domestic service of the VOKP announced that broadcasts in Laotian and Vietnamese would be added to its external service. The broadcasts in Laotian could be heard from 0045 and 1245 while those in Vietnamese would be on the air from 0100-1300. Frequencies include 11940, 9695, and 1360. The complete sked of VOKP this month lists: English (0001-0015, 1200-1215); French (0015-0030, 1215-1230); Thai (0030-0045, 1230-1245); Laotian (0045-0100, 1245-1300); Vietnamese (0100-0115, 1300-1315). Frequencies for the above are 11938, 9695, and 1360. All broadcasts are directed to South East Asia.....

China-A rundown of Radio Peking's external services is as follows: English (0001-0100) 17680, 15520, 15120, 11695, 8300, 6810; (0100-0200) 17680, 15520, 15120, 11695, 8240, 6520; (0200-0300) 17680, 15600, 15120, 11695, 10865, 8240; (0300-0400) 15230, 12055, 11650, 10865, 9460, 8240; (0400-0500) 15230, 12055, 11650, 10865, 9460, 8240; (0830-0930) 17635, *15480, 15125, 12450, 11725, 11600, 12450, 11725, 11600, 9460, 8425, 6995; (0930-1030) 17635, *15480, 15125, 12450, 11725, 11600, 9460, 8425, 6995; (1200-1300) 9820; (1200-1300) 17700, 15300, 9390, 5420, 4200; (1300-1400) 17700, 15300, 9390, 5420, 4200; (1400-1500) 11650, 9860, 6810, 3270; (1500-1600) 11650, 9940, 9860, 5295, 3270; (1600-1700) 15315, 9860, 4020, 3270; (1700-1800) 15315, 9860, 4020, 3270; (1800-1900) 6590, 5050, 1210; (1930-2030) 11695, 9880, 6955, 6520, 5250; (2030-2130) 11695, 9880, 7470, 6955, 6860, 6590, 6520, 5090; (2130-2230) 7470, 6860, 6590, 5090. Standard Chinese (0200-0300) 17714, 17450, 15520, *15480, 15165, 12450, 11980, 11575, 8300, 6810; (0400-0500) 15520, 15300, 11980, 11845, 8300; (0900-1000) 17745, 17532, 15437, 15160, 12080, 12015, 11650, *11630, 9470, 8300, 6810; (1300-1400) 17745, *17490, 15270, 12015, 11455, 9470, 8450, 6995, 5250; (1500-1600) 9480, 6520, 4200, 3500; (1730-1830) 11575, 9880, 9440, 7525, 6920, 6315, 4200, 3500; (2000-2100) 9920, 7480, 7035, 6975; (2230-2300) 12110, 9290, 7590, 6590, 5090. Frequencies preceded with an * denote suppressed single-sideband transmissions..

FFS 1's external service broadcasts to offshore islands and Taiwan are listed as: (1000-1258, 0115-0500) 9540; (1000-1258, 0001-0500) 7850; (1000-1529, 0001-0500) 6765; (1000-1659, 2311-0500) 5900; (1000-1829, 2313-0500) 5265; (1000-1829, 2234-0500) 5240; (1259-2359) 4330; (1259-0114) 4045; (1830-2312) 3640; (1830-2233) 3535; (1700-2310) 3000; (1530-2359) 2490. Language for all the above is Standard Chinese..

FFS 2's transmissions in Amoy and Standard Chinese are: (0400-1329) 8195; (0400-1520) 7280; (0400-1659) 7025; (0400-2100) 6400; (0400-1659) 6000; (0400-0959) 5770; (0400-1945) 4840; (0400-1945) 4380; (1000-2100) 4130; (1700-2100) 3900; (1330-2100) 3400; (1800-2100) 3300; (1521-2100) 3200; (1700-2100) 2600.....

Iran-Recent observations of the VOIRI show that the external service in Persian is called the "Familiar Voice". It is broadcast from 2030-0230 on 15084 and 9022. Announcements state that 11930 is in use from 2330 and that the 0030-0230 portion is beamed to America. The service consists of relays of domestic service news bulletins and its own music programmes. The service was discontinued in early 1979 and has now been reintroduced.....

Israel-A recent review of the Voice of Israel's broadcasts reveal this sked: (0001-0030) (English) on 11637, 9815, 7412 as well as (0100-0125, 0200-0225) on the same frequencies. Yiddish is on from 2300-2325 on 17685, 11637, 11620, 9815, and 7412. Spanish (2330-2355) on 11637, 9815, 7412 and (0230-0255) on 9815, 9435, 7412; Hebrew (0030-0100) 11637, 9815, 7412; Portuguese (0130-0155) 11637, 9815, 7412..

Transmissions in English and French from the Voice of Israel's ES are skedd as follows: (0500-0530) 21500, 17685, 15300, 15105, 11960, 11637, 9815, 7465, 738; (1200-1300) 25640, 21495, 17685, 17615, 17560, 11620, 7465, 738; (2000-2055) 17685, 11960, 11655, 9815, 9425, 9009, 7412; (2200-2300) 17685, 15300, 11960, 11637, 11620, 9815, 7412. The above broadcasts from 0500-0530 and 1200-1300 are relayed from the Network D Service to Israel and the Arab World.....

Lebanon-Radio Lebanon's external service to South America is now observed on 15340. The service comprises broadcasts in Portuguese, Arabic and Spanish from 2300-2330, 2330-0030 and 0030-0100 respectively.....

Pakistan-Radio Pakistan has this sked for its external transmissions: English (0230-0245) 21590, 17830; (1005-1010) 21655, 17662; (0840-0845) 21590, 17640; (1100-1115) 21655, 17662; (1600-1615) 21755, 21485, 17910, 17660; (1650-1655) 21605, 17822; (1735-1745) 21635, 17660; (1700-1720) 15470, 11675. Arabic (0515-0615) 21730, 17895, 15325; (1215-1315) 21755, 21485, 17910.....

Well, that brings us to the end of another column. If anybody gets a hot DX tip don't hesitate to call me at (714) 879-5054. I'll be waiting for your call!.....73's *Sam*

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

TRASMISSIONI

BULLETIN DE PROGRAMMES

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

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

All schedules, unless otherwise indicated, are for English programs, and all times are in Greenwich Mean Time (GMT). Also, schedules credited to the "BBCMS" are courtesy of the BBC Monitoring Service, and are used by permission.

Some of this month's skeds will be outdated by the time you read this as the M80 period goes into effect on the first Sunday in March. Send in any new ones ASAP so we may have them for the April column.

ARGENTINA. The RAE External Service in Buenos Aires sends this sked of English transmissions; undated.
2300 - 2350 11710 Europe
0300 - 0400 9690 E. North America
0600 - 0700 9690 W. " "
(B. Donly)

BELGIUM. BRT in Brussels has this current schedule.
0015 - 0100 15175 N & S America
(R. Cuneo)

CAMBODIA. Here is the latest Eng. schedule for the "Voice of the Kampuchean People" in Phnom-Penh.
0001 - 0015 9695, 11938 SEA
1200 - 1215 9695, 11938 SEA
(BBCMS)

CANADA. Radio Canada International to North & Central America. Valid from March 2nd to May 4, 1980.
2300 - 0130 5960, 9755 Mon-Fri.
0200 - 0230 5960, 9605 Daily
0300 - 0330 5960, 9535,
9605, 11845 "
0400 - 0430 5960, 9535,
11845 "
(G. Watts)

DENMARK. Radio Denmark's schedule. All programs are in Danish except for the opening announcement which is in both English and Danish. Undated.
0000 - 0055 15165 USA, Canada, Green.
0900 - 0955 " Europe
1100 - 1150 " Greenland, Pacific
1200 - 1255 " Far East, Aust.
1300 - 1355 " S. Asia, Persian G.
1400 - 1455 " E. Africa & Medit.
1730 - 1800 " Greenland, Pacific
1900 - 1955 " N. America, Green.
2000 - 2055 " W. Medit., W. Afric.
2100 - 2155 " Europe, Mediter.
2200 - 2255 " N. America, Green.
2300 - 2355 " South America
(S. Loren)

ETHIOPIA. Current home service English schedule for the "Voice of Revolutionary Ethiopia."
1000 - 1030 5990, 7110.
(BBCMS)

FINLAND. Radio Finland's complete schedule. This expires on March 1st.
0330 - 0400 9645 North America
11755 Europe, ME
*0800 - 0930 11755, Europe, N. Afr.
15270 " "
21465 Far East, Australasia
0930 - 1000 6120 N & C Europe
11755 Eur. & N. Africa
15270 "
15270 S. America, Afr.
21465 Far East & Australasia
1300 - 1330 11755 Eur. & N. Africa
15265 "
15265 Southern Africa
15400 North America
*1330 - 1430 11755 Eur. & N. Africa
15265 "
15400 North America
15265 Southern Africa
1430 - 1500 6120 N. & C. Europe & N. Africa
11755 Eur. & N. Africa
15400 North America
1930 - 2000 21475 "
9770 Eur. & Africa
11755 "
11835 "
9770 South America
11835 "
2130 - 2200 9770 Eur. & N. Africa
9770 South America
11835 "

NOTE: 1300-1430 transmission also on 6120 for North And Central Europe. (D. Dunn)

* = Sunday Only.

FRANCE. Radio France has this sked for the English program "Paris Calling Africa. Valid until March 1st.
1700 - 1800 GMT
WEST AFRICA - 15300, 17710, 21675
CENTRAL And
SOUTH AFRICA - 17850, 21580
EAST AFRICA And
INDIAN OCEAN - 17795, 17860, 21620
NORTH AFRICA - 15300, 15360, 11845
We hope to have the new sked for you next month.
(T. Smith)

GERMANY. Deutsche Welle, English to North America. Undated.
0130 - 0150 6040, 6085, 6100,
6145, 9545, 9565,
9605, 11865.
0530 - 0550 5960, 6100, 6185,
9545, 9650, 11705
11785.
(R. Hesch)

GHANA. The GBC (Radio Ghana), latest schedule available.
0600 - 0800 6130 West Africa
1600 - 1700 " "
2000 - 2030 " "
(S. Heyman)

GUAM. Trans World Radio (KTWR) in Agana. Schedule revised on January 1st, 1980.
0000 - 0130 17770 India
0815 - 0930 11840 Japan.
(B. Donly)

HONDURAS. Here is the English schedule for La Voz Evangelica (HRVC) in Tegucigalpa.
0300 - 0500 4820 (5 kw power)
(T. Ossege)

ISRAEL. Here is the tentative M80 sked of Kol Israel effective from March 2 to May 3, 1980.
0000 - 0030 9815, 11637, 15582
Eastern, Central NA.
11637, 15582 to Central
& South America.
0100 - 0125 (same as above)
0200 - 0225 9815, 15582 N. America
11637 ECNA, S. America
0500 - 0515 11960, 15105, 17685 to
ECNA & Europe.
11637 to Eastern &
Central NA & Europe.
15582 North America
17710, 21600 Europe
21500 Asia
11637, 15105, 15582,
21500 to Australia &
New Zealand.
7465 Middle East.
1200 - 1230 17560, 17615, 25625 to
Europe & ECNA.
11620, 17685, 21495,
25640 to Europe.
17560 to Asia, Australia
& New Zealand.
7465 to Middle East.

KOL ISRAEL (CONT.)
2000 - 2030 9815, 11610, 17645 to
Europe & ECNA.
11960, 17710, 21600 to
Europe
9009, 17685 to Africa.
2230 - 2300 9815, 11637, 15582 to
Europe, ECNA.
11637, 15582 to Central
& South America.
17645 Africa & S. America.
17685 Africa.
11960, 17710 to Europe.
(Direct via Larry Magne.)

NORTH KOREA. Here is Radio Pyong-yang's English to North America schedule. Undated.
1000 - 1200 9977
2300 - 0100 "
(G. Blom)

SOUTH KOREA. Radio Korea in Seoul. Complete English schedule valid until March 1st.
0230 - 0315 11830, 15350 Latin Am.
0400 - 0445 9640, 15570 Omnidirect.
9720, 11830 Americas
0730 - 0800 9640, 11810 Omnidirect.
9870 Europe
1000 - 1030 6135 Omnidirectional
9525 SEA
9580 Latin America
11725 " "
1245 - 1330 7550 SEA
9870, 12090 Europe
1600 - 1630 6480, 9870 Middle East
9720, 11830 Americas
1800 - 1845 11830 Americas
2000 - 2030 6480, 11665 Africa
7550, 9870 Europe
2300 - 2330 7550 Europe
11820, 15570 Americas
15385 Omnidirectional
(D. Dunn, G. Blom, D. Godfrey)

PAKISTAN. Current English schedule For Radio Pakistan in Karachi.
0230 - 0245 17830, 21590 SEA
1005 - 1010 17662, 21655 Europe
0840 - 0845 17640, 21590 S. Asia
1040 - 1045 " 21450 Indonesia
1100 - 1115 17662, 21655 Europe
1600 - 1615 17660, 17910, 21485,
21755 Middle East,
East Africa
1650 - 1655 17822, 21605 Europe
1735 - 1745 17660, 21635 E. Africa
1700 - 1730 11675, 15470 Europe
(BBCMS)

PORTUGAL. Adventist World Radio via Sines. Effective October 1st.
0900 - 1000 9670 Sunday
2100 - 2115 " Tuesday
(T. Smith)

SWEDEN. Radio Sweden. English to North America, March 1st - May 3rd.
0230 - 0300 9695, 11705
1400 - 1430 21615
2300 - 2330 11705, 15275
(Direct)

TOGO. Radiodiffusion-Television
Togolaise in Lome. Undated home
service schedule.
0530 - 0803 5047
0803 - 1703 7265
1703 - 0005 5047
Programs in French, English and
vernaculars.
(S. McLean)

TURKEY. The Voice Of Turkey (TRT)
in Ankara. Effective from 1 Jan.
to 1 July.

1200 - 1300	11800	ECNA
	17820	SEA & Australia
1330 - 1430	17820	SEA & Australia
2030 - 2130	9550	North Africa
	11955	Western Europe
2200 - 2300	7215	W. Europe & NA
	9515	"
	11955	"
	9550	SEA & Australia

(A. Buhagiar)

USA. WYFR. English language schedule
effective from March 2 to May 3rd.
All transmissions are now from
Florida.

1230 - 1551	17845, 21615	Sundays only to Europe-Africa
1700 - 1800	15160, 21615	to Europe-Africa
1800 - 1900	15425, 21615	to Europe-Africa
1900 - 2200	15130, 21525, 21615	to Europe-Africa
2200 - 2300	11855, 15130, 21525	to Europe-Africa
0100 - 0500	11740	Latin America

(F. Curtis, T. Ossege, R. Ross,
S. Thurman)

USSR. Here are the new Spring
schedules of Radio Moscow which go
into effect on March 2nd and continue
until approx. April 19th.

NORTH AMERICAN SERVICE

		<u>ECNA</u>
2300 - 0400	9490	Moscow (Nikolayev)
2300 - 0100	9505	Kenga (Novosibirsk)
2300 - 0400	9530	Moscow (Simferopol)
	9610	Tula (Lvov)
	9710	Kiev (Lvov)
	11735	Vinnitsa (Simferopol)
2300 - 0300	11780	Lvov (Sofia)
2300 - 0400	11860	Gorky (Plovdiv)
0130 - 0400	9700	Lvov (Sofia)
0130 - 0400	12010	Serpukhov (Novosibirsk)

WCNA

2300 - 0400	12050	Khabarovsk (Petropavlovsk)
2300 - 0400	15140	Petropavlovsk
	15180	"
	15455	"
	17720	"
0000 - 0400	6150	Komsomolsk

USSR. (CONTINUED)

PACIFIC COAST SERVICE

0400 - 0500	15140	Petropavlovsk
	15180	"
	17870	Khabarovsk
0400 - 0800	11965	Nikolayevsk
	12050	Khabarovsk
	15455	Petropavlovsk
0430 - 0800	9580	Blagoveschensk
0530 - 0800	9790	Petropavlovsk
	12010	Komsomolsk
	15470	"

WORLD SERVICE

ECNA

1100 - 1500	9600	Havana
	12010	Serpukhov (Nikolayev)
	15135	Vinnitsa (Plovdiv)
	15150	Minsk (Simferopol)
	17810	Simferopol
1100 - 2200	12010	Serpukhov (Nikolayev)
	11870	(Simferopol)
1500 - 2100	11870	(Simferopol)
1530 - 2200	11860	Havana
1600 - 2100	15210	Moscow (Simferopol)

WCNA

1400 - 1700	9580	Blagoveschensk
1400 - 2000	9790	Petropavlovsk
1400 - 2100	11790	Blagoveschensk
1700 - 2100	7175	Khabarovsk
1800 - 2300	12050	"
2000 - 2300	15180	Petropavlovsk
2100 - 2300	17720	"
2200 - 2300	15140	"
	15455	"

OTHER TIMES

2200 - 2300	9505	Kenga
	9530	Moscow
	9710	Kiev
0400 - 0500	6115	Havana
0400 - 0600	9490	Moscow
	9530	"
	9610	Tula
	11770	Kiev
	11790	Riazan

Listed transmitter sites are not
in brackets. The actual sites if
known are in brackets ().

For more information on USSR sites
and frequencies, subscribe to the
USSR High Frequency Broadcast News-
letter, Box 232, McLean, VA 22101.
In USA \$3 for 10 issues.
(UHN #25, February 1980)

VATICAN. Vatican Radio with English
to North America. Current schedule.
0100 - 0115 6015, 9605, 11845
(R. Yajko)

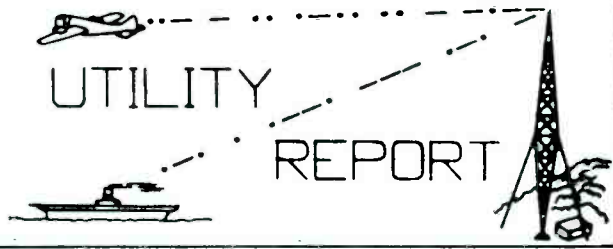
Many thanks for all the support you
have given me over the past few
months. Now that the MBO period has
gone into effect, please send in
those new schedules so that we may
have them in the April column.

73, *Clyde*

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 12th



We greatly regret that the Utility Report did not appear in the Feb. issue of SPEEDX. I was on jury duty at Boston Superior Court for the entire month of January and last minute job pressures prevented SPEEDX's designated columnist from taking over as he had intended. All of the QSLs and as many of the loggings submitted for the February issue as are practicable will be printed as space permits. SORRY SORRY SORRY SORRY!

QSLs All freqs in kilohertz

- ALASKA: AKA Elmendorf AFB 15018 f/d very typed on back of report and returned in 10d for ms(Chinsky-NY) All out of AFCS cds? PFCs pay off!-Ed.
ARGENTINA: Gen. Pacheco R. LPD88 12988.5 f/d ltr 33d SS rpt&IRC(Chinsky)
AZORES: CUW USAF Lajes Field 8989 f/d AFCS cd in 99d air for ms(Chinsky)
AUSTRALIA: VIO AOTC Broome R. 6407.5 ltr & sta books 23d IRC(Conway-MWI)
 VNG Telecom Australia 7500 f/d fldr cd in 1m for no rp (Brewer-TN)
 VLS Sydney VOLMET 10017 freq/time only ltr 14d air for no rp(Trummel-II)
CANADA: CFH Navy Ellerhouse NS 4255 f/d form ltr 132d for IRC(Forsman-CA)
 VAI Vancouver CG R. 8453 f/d ltr in 41d for IRC(rtnd) (Chinsky-NY)
 CFH Navy Ellerhouse NS 8697 f/d ltr in 94d for IRC (Chinsky-NY)
CAYMAN IS.: C&W Georgetown 13583 f/d fldr cd in 9m for 2 IRCs(Osterman-OH)
ENGLAND: GYA Whitehall Navy R. 6413.75 f/d ltr 31d for IRC (Conway-MWI)
FRANCE: HWN Navy HQ Paris 8453 date-only ltr in 16d for 2 IRCs(Chinsky-NY)
 FUG Navy La Regine R. 12875 PFC & date/freq fldr cd 23d IRC(Chinsky-NY)
 Small handwritten cd w/station stamp in 41d for IRC (Forsman-CA)
IRELAND: EIP Shannon VOLMET 8833 f/d ltr in 1m for 2 IRCs (Rubin-MA)
ISRAEL: 4XO PTT&r Haifa R. f/d very typed on scrap 166d air 2 IRCs(Forsman)
JAPAN: JMA Tokyo Volmet 8903 f/d color cd in 83d air for IRC (Forsman-CA)
 JFM Muroto Fisheries R. 22391.5 PFC<r in 50d for IRC (Conway-MALAWI)
MALAYSIA: 9MG3 D.G.T. Penang R. 8698 PFC in 33d air for IRC (Conway-MWI)
NEW CALEDONIA: FUJ Fr. Navy Noumea 8646 f/d ltr in 33d for IRC (Conway-MWD)
 Same in 18d for 3 IRCs (Pagano-DC)
REUNION: FFD PTT S. Denis 8469 freq-only form ltr in 15d after 4th follow-up for 4 IRCs, airmail (Forsman-CA)
 FUX French Navy S. Denis 17062 f/d white cd 75d for IRC (Chinsky-NY)
SPAIN: AOK USN Rota 7705 date-only ltr in 20d for ms (Chinsky-NY)
SWEDEN: S.T.A. Farsta 10287.5 f/d typed cd 6m IRC(experimental best)(Witte)



SWEDISH TELECOMMUNICATIONS ADMINISTRATION

Radio Department
 Broadcasting Division
 Person in charge
 Bertil Olstrup

Date
 1980-01-09
 Year communication of
 1979-08-06

Dear Mrs. Marjorie E. Witte,

Thank you for your reception report of a test transmission on Aug 6, 1979 at 04.11 UTC from Varberg/Grimeton on 10287.5 kHz, 10 kW.

The Swedish Telecommunications Administration was responsible for the coverage of north and eastern Europe with time signal and messages during a seismic experiment, see the enclosed information. For that reason 1 LW, 3 MW and 2 SW transmitters were used.

With the compliments of the Broadcasting Division

Bertil Olstrup

Postal address	Telephone	Telegrams	Telex
S-123 86 FARSTA Sweden	Nat 08-713 10 00 Int +46 8 713 10 00	radiogon stockholm	19208 radiogon

TAIWAN: XSX Keelung R. 12695.5 f/d ed in 1m air for IRC (Conway-MVI)
U.S.A.: NY VOLMET 5652 date-only form ltr in 1m for ms (Rubin-MA)
 NMQ27 USCG Los Angeles R. 5692 PFC in 23d air for ms 85w (George-TX)
 NMF USCG Boston R. 8459 tricolor f/d cd, sta info 61d ms (Chinsky-NY)
 WSL ITT Amagansett R. NY 8514 PFC in 5d air for ms (Chinsky-NY)
 NMC USCG San Francisco R. f/d beige cd+sta info 69d ms rtrnd (Chinsky)
 WSY77 NY VOLMET 8868 no-data form ltr in 6d for ms (Dupree-MD)
 KSF77 Oakland VOLMET 8903 (beated at Hawaii!) no-data acknowledgment
 ltr w/details of FAA Tracy CA HF site in 10d air for ms (rtrnd) (Chinsky)
 KEAS NY ARINC Bohemia L.I. 8945 PFC in 25d for ms (Chinsky-NY)
 AFAS MacDill AFB FL 11179 f/d AFCS cd in 93d for ms (Chinsky-NY)
 WRU TRT Slidell R. LA 13011 f/d orange cd in 74d for ms (Chinsky-NY)
VENEZUELA: YVTO Obs. Cagigal Caracas 6100 f/d cd in 2m for ms (Rubin-MA)
SHIPS: Antarctic Research Vessel "Hero" WY3918 14415 PFC, ham cd, brochure
 & ltr in 70d for IRC. NEW ADDRESS: c/o Agencia Maritima Pedro Karmnich
 282 Deloqui St. Ushuala, Tierra del Fuego, ARGENTINA (???????)
 PLEASE BE SURE YOUR NAME & STATE ARE ON EACH QSL FOR PROPER CREDIT!
 QQUU Baron Weynes bulk carrier 16720a PFC in 73d for IRC (Holbrook-MD)
 DHBK Hannoverland cargo 16727.2 f/d ltr in 65d for IRC. 250w (Holbrook)
 ELRA MV Mammoth Fir lumber carrier 22234 PFC 22d for IRC (A. Mason-CNT)
 LCPZ MV Helios gas tanker 22234 PFC<r 112d air for IRC (A. Mason-CNT)
 VKSB MV Stirling Range bulkcarrier 22294 PFC 28d for IRC (A. Mason-CNT)
 JCBK MV European Highway car carrier 22307 PFC 155d IRC rtrnd (A. Mason)
OUTER SPACE: Although space exigencies prevent use of ham QSLs & loggings
 in "Utility Report" we're making an exception in this case:
 W6VIO relayed by VOYAGER 2, 576,000 miles from earth, near Jupiter
 14285 f/d color fldr cd via Pasadena Jet Propulsion Lab in 200d for SASE
 (Hardester-CA)

FUG French Navy PFC
 (details above)

CENTRE DE TRANSMISSIONS



MARK CHINSKY
 148-05 58th ROAD
 Flushing, New York
 11355 U.S.A.

Nous confirmons votre reception d'une de nos transmissions de
 radio sur 4385 kHz, en date du DEC 25 1979
 à _____ heure GMT.

La station que vous avez captée est FUG (indicatif d' appel)
 dont la puissance est de 5 KW.

La transmission était destinée à BATIMENTS A LA MER.

(signature et sceau)

DAKAR AERADIO CLARIFICATION: "Noticed that on Dakar Aeradio loggings
 FIR is put in the callsign column, but FIR is not a callsign," writes Rick
 Matthew-BC "it stands for Flight Information Region. Although described
 as Dakar FIR in some aero publications, the FIR is not the call, but an
 area description. FIR is used by many aeradios around the world." OK,
 Rick, from now on we'll make it "Dakar FIR Aeradio"---CK? By the way, do
 you know what the callsign there is?

POSSIBLE JAMMING: At 2025 to 2046 GMT/a ^{2/2/1980} sound similar to that of heli-
 copter blades cutting the air was heard in various strengths from about
 11030-11320 khz, strongest on 11080, 11110 & 11090 khz. (Kerrigan-IL)

All freqs in kilohertz







LOGGINGSAll times GMT

Please check your loggings for accuracy & completeness before forwarding them to the "Utility Report". Every month a large number of loggings cannot be used because they are incomplete, illegible, or inaccurate. The frequency, time, & date of a logging seem to be most frequently omitted, & they are absolutely essential, so check them! And also check on these:

1-Since the loggings must be cut into strips for sorting, if you don't use the report forms (utility) please write them so that they can be cut into strips about 1/2" wide: narrower or wider makes them difficult to sort! (And thanks to those of you who cut them for me!)

2-In the STATION NAME section of the report form (CO. OR AGENCY on the new forms) please put the name of the company or agency which operates the station, such as AT&T, ITT, FCR, INTELGI, C&W, French Navy, U.S. Army, etc. Don't leave it blank. If you must, indicate why.

3-Please do not show freqs as measured (m) unless you actually measured them with a freq meter equal in accuracy to a BC-221 (within 60 hz). No rcvrs digital readout even approaches this. When you do show a freq as measured (m) please indicate what it was measured with.

ALASKA:	5696	0256	NOJ USCGAS Kodiak OM EE wkg NMC USB (Gilbert-NY)
	6506.4	0741	NOJ USCGAS Kodiak OM EE wkg "Miller Freeman" (Osterman)
	8628.5	0856	NOJ USCGAS Kodiak CQ mkr CW (Draeseke-CA)
	8903	0228	KIST7 Anchorage VOLMET CM EE aero wx (Jenkins-CA) 0600 (Carroll-LA) 1026 (Brewer-TN)
	13201	0443	AKA Elmendorf AFB OM EE wkg KITE 23 USB (Chabak-AZ)
	15018	0129	AKA Elmendorf AFB OM EE SKYING best USB (Chinsky-NY)
CANADA:	2598	0315	VCO Sydney CG R. NS OM EE NotMar DSB (Stone-ONTARIO)
		0725	VCS Halifax CG R. NS OM EE marine wx DSB (Godfrey-ONT)
	6946	0030	CKN RC Navy Vancouver CQ mkr CW (Peggy Thompson-CA)
	8910	0440	VAP Churchill MAN Aeradio wkg AirCan 857 (Carlson-CA)
	11233	0136	Outpost Coral Harbor NWT OM wkg Caravan USB (Chabak-AZ)
		1233	Alert R. NWT OM EE wkg Trenton Mil USB (Chabak-AZ)
		2022	CHR Trenton Military OM wkg Mil 570 USB (Kerrigan-IL)
	15035	2220	VXA Edmonton Military OM EE aero wx USB (Thompson-CA)
MEXICO:	7350	0725	Mexico City DGT OM SS vm USB (Durnavich-IL)
	8568	0333	XFM D.G.T. Manzanillo R. CQ mkr CW (Howell-CA)
	12829.5	1424	XFM Manzanillo Colima R. CQ mkr CW (Draeseke-CA)
	17276a	0100	PTT Mexico City OM SS vm USB (Stone-ONT)
U.S.A.:	2590	0029	NY Marine Op YL EE marine wx, safety msg USB (Cumingan)
	2670	1410	NMC USCG San Francisco R. OM EE tfc (Thompson-CA)
	2980	0628	KSF77 YL EE VOLMET wx Oakland CA AM (Thompson-CA)
	3001	0646	WSY77 NY VOLMET OM EE aero wx AM (Heyman-NY) 1212 (Clark-KS)
	3124.4	0155	NOM USCGAS Miami FL OM EE wkg Rescue 1487 USB (Oliver)
	4382.2	0743	WBL GLMR Inc. Buffalo NY OM EE Great Lakes marine wx USB (Kneaskern-NY)
	4397.7	0407	WLO Mobile Marine R. AL OM EE wkg State Pelican (Nolden)
	4407a	0425	WNJ So. Bell T&T Jacksonville FL YL EE wkg liners "Starward" & "Southward" USB (Nolden-CT)
	4428.7	0432	NMN USCG Portsmouth VA OM EE clg CGC USB (Dupree-MD)
	4585	0032	Red Dog 575 SD CAP OM EE wkg Red Dog 13 USB (Ledlow-MD)
	4590	1115	AGA3HQ Scott AFB BEERCAN propagation fcst USB (Brewer)
		1116	AIR USAF HQ Bolling AFB BEERCAN forecast (Brewer-TN)
		1145	AGA3HQ Scott AFB OM EE BEERCAN forecast USB (Chabak-AZ)
		1214	AGA3HQ (?) OM EE BEERCAN prop bulletin USB (Clark-KS)
	4515	0346	AFA3ZI OM EE wkg commo net 0355* USB (Brewer-TN)
	5696	0140	NMN USCG Portsmouth VA OM EE wkg NMA&NMG (Oliver-NJ)
	5700	0931	AFA Andrews AFB OM EE wkg SAM86970 & CLASSROOM USB (Devendorf-CA)
	5870	0717	NAR USN Key West FL multicalc CQ mkr CW (Thompson-CA)
	6220	1208	AAC2 US Army Ft Meade MD OM EE wkg ADEF USB (Ledlow-TX)
	6506.4	0314	NMF USCG Boston R. OM wkg CGC Vigorous USB (Dupree-MD)
		0351	NMC USCG San Francisco R. OM wkg CGC Rush USB (Dupree)
		0415	NMA USCG Miami clg CGC USB (Dupree) 0438 (Gilbert-NY)
	6518	2130	NMN USCG Portsmouth VA OM clg CGC Alert USB (Gilbert)
	6725	0130	"Moffett Rescue" NAS Moffett Field CA ANG ARRS Detachment OM EE wkg King 53 USB (Chinsky-NY)
	6738	0045	AFA Andrews AFB MD patching EXEC 1F to CROWN (Chinsky)
	6756	0045	AFAS Andrews AFB MD YL EE wkg BARMAN USB (Chinsky-NY)
	7540	0645	AIR USAF Bolling AFB DC OM BEERCAN fcst USB (Gaede-CA)
		2015	AFG37 Scott AFB IL BEERCAN forecast USB (Rzepka-WI)
	8291.1	1346	WRU Baton Rouge LA OM wkg Exxon Mobile USB (Mellinger)
	8294.2	1826	KST Sea-Land Seattle OM EE wkg "Charleston" (Carlson)
	8586	0347	WCC RCA Chatham MA CQ mkr CW (Cossaboon-NWT)

U.S.A.:	8745	0235	WOM ITT Pernambuco R. OM EE tfc list USB(Pettit-IA)
	8868	1344	WSY70 NY VOLMET OM EE wx AM(Thompson-CA)(Berholtz-MN)
	8931	0324	KMA7 San Francisco Aeradio CM wkg United116(French-MD)
	9027	1956	AFA Andrews AFB MD CM EE wkg Marine 345962(Bzepka-WI)
	10340	2305	WFK50 AP NY(East Brunswick NJ) CQ mkr CW (Chinsky-NY)
	10565a	0130	WCO ATT Manahawkin NJ OM EE vm USB (Coleman-MA)
	11182	0220	AFG37 Scott AFB IL OM EE wkg Navy AP00 USB(Coleman-MA)
	11239	0238	AF Rescue 60219 OM EE wkg McClellan AFB USB(Chabak-AZ)
	1490	1515	KKJ88 FBI New Orleans CM EE wkg KKK98 USB (Stock-CC)
	12216	1804	KPA71 DCPA Maynard MA CM wkg KPA66 & CARBINE(Chinsky)
	12249.2	1501	KUY Port Arthur TX clg KMVU USB (Conway-MALAWI)
		1613	KEJ New Orleans YL EE clg "Sea-Land Economy"USB(Carlson)
		1920	KZN Miami FL OM EE wkg "Atlantic Intrepid"(Durnavich)
	12435.4	1946	KXY578 Seattle YL EE wkg "Penguin" USB (Carlson-CA)
	12783	0054	NMF USCG Boston R. MA CQ mkr CW (Forsman-CA)
	13993	1603	AGAJHQ Scott AFB IL CM EE R. ck many stas(Kowalski-WI)
	15031	1733	AFI McClellan AFB OM EE Foxtrov best USB(Kerrigan-IL)
	15823.5	1640	WFL35 ATT NYC w/WFI77 multicall QRA mkr CW (Pettit-IA)
	16590.2	2030	KFG Houston TX OM EE wkg "Dominion Service"(Fitzgerald)
	22642.5	2131	WOM ATT Pennsuo R. FL OM EE tfc list USB (Jenkins-CA)
	25590	1820	NAR USN Key West FL multicall V mkr CW (Walters-NJ)
CUBA:	7885a	0353	AAC&R Guantanamo OM EE vm USB (Kowalski-WI)
	17189	1958	CLQ Navy? Havana V-CQ mkr CW (Forsman-CA)
DOMINICA:	8642	2126	HIA Santo Domingo Piloto R. manual CQ CW (Herkimer-NY)
MARTINIQUE:	4263	0455	FFP2 PTT Fort de France CQ mkr CW (Dunn-CA)
	8478.5	0550	FUF French Navy Fort de France V mkr CW (Draeseke-CA)
PUERTO RICO:	16932	2150	NMR USCG San Juan CQ mkr CW(Draeseke)(Alexander)
			<u>CENTRAL AMERICA</u>
BELIZE:	11234	0015	RAF Belize Flight Watch OM wkg Ascot 2080 USB(Chabak)
GUATEMALA:	1613	0544	"RAB" Rabinal aerobeacon CW (Hardestor-CA) Yes, Mike!
PANAMA:	11176	0432	AHF Albrook AFB CM clg Ascension P-T-P USB(Carlson-CA)
	18019	1600	HAF Albrook AFB OM EE wkg MAC80755 USB (Alexander-IA)
			<u>SOUTH AMERICA</u>
ARGENTINA:	4268	0210	LPD68 ENCOTEL Gen. Pacheco R. V mkr CW (Walters-NJ)
	22419	1953	LPD91 Gen. Pacheco R. V mkr CW (Draeseke-CA)
BRAZIL:	4298	0345	PPO EMBRATEL Olinda R. ID mkr CW (Forsman-CA)
	8460	0345	PPJ EMBRATEL Juncao R. V mkr CW (Blaitce-LA)
	8502	0117	PPL EMBRATEL Salinopolis R. V mkr CW (Holbrook-MD)
	8847	0445	Rio Aeradio OM EE wkg Clipper 204 USB(Fitzgerald-RI)
		0925	Brasilia Aeradio OM EE wkg Avianca 940 USB(French-MD)
	12975	0620	PWZ Navy Rio "Meteo Marinha" best CW also on 4289, 6435, 8550, 17160, & 22530 (Conway-MALAWI)
			PPQ7 EMBRATEL Rio OM EE/PP vm USB //14855 (Ledlow-MD)
CHILE:	4298	0355	CCS Navy Santiago V mkr CW (Forsman-CA)
COLOMBIA:	17002	0235	HKB ENTEL Barranquilla R. CQ mkr CW (Howell-CA)
ECUADOR:	7600	0400	HD210A INCCAR Guayaquil CM SS time sigs AM(Lani Pettit)
GUYANA:	12709	0025	SRB G.I.T. Demarara call sign mkr cw (French-MD)
SURINAM:	8847	0307	Paramaribo Aeradio CM EE wkg Cayenne P-T-P(Fitzgerald)
URUGUAY:	8602	0045	CWA D.G.T. Cerrito R. V mkr CW (Howell-CA)
VENEZUELA:	4223a	0245	YVG MinCom La Guaira R. V mkr CW (Walters-NJ)
			<u>EUROPE</u>
BELGIUM:	8654	0628	OST RTT Ostend R. ID mkr CW (Lani Pettit-IA)
DENMARK:	12753.5	0350	OXZ62 D.G.P.T. Lyngby R. CQ mkr CW (Coleman-MA)
	22404	1900	OXZ92 Lyngby R. CQ mkr CW (Kneaskern-NY)
ENGLAND:	2820	0605	GYA Whitehall Naval R. London ID mkr CW (Holbrook-MD)
	4310	1942	MTI RN Plymouth V mkr CW (Conway-MALAWI)2346(Holbrook)
	4721	0748	MVU RAF West Drayton CM EE aero wx USB (Kneaskern-NY)
	5000	0619	MSF N.P.L. Teddington time tick, ID CW (Holbrook-MD)
	5703	0106	AJE USAF Croughton CM EE all freq call for French Military 0361 USB (Chinsky-NY)
	6760	0200	KLO RAF Grimsby wkg DAC CW (Chinsky-NY)
	8518	0343	GC3 BPO Portishead R. CQ mkr CW (Cossaboon-NWT)
	8613.2	0835	GYA Whitehall Naval R. w/GLC00 multimkr CW(Draeseke-CA)
	11234	0547	HQP RAF Upavon, Wiltshire CM wkg Ascot 1173 USB(Russell)
	17151.2	0909	KJD BPO Portishead R. ID mkr CW (Ross-ONTARIO)
	22611.5	1711	3KT76 BPO Portishead R. YL EE wkg EEQR USB(Kneaskern)
FRANCE:	4312	0001	FUG French Navy La Regine R. V mkr CW (Holbrook-MD)
	6421.5	0639	FFL3 PTT S. Lys R. CQ mkr CW (Kneaskern-NY)
	6456.5	2252	FUG French Navy La Regine R. V mkr CW (Cossaboon-NWT)
	8453.2	0230	HWN Navy HQ Paris V mkr CW (Thompson-MN) (Howell-CA)

8522.5 0503 FFL4 PTT S. Lys R. CQ mkr CW (Ewing-IL)
 8808.8 0303 FFL41 PTT S. Lys R. OM EE vm USB (Dupree-MD) (French-MD)
 11347a 2110 FTS Int'l Network Paris OM EE/FF vm USB (Nolden-CT)
 18833.4 2349 FTS93 FTS Paris OM FF vm USB (Alexander-IA)
 GERMANY, E.: 4242.5 0314 Y5M (new call sign for DHS? Hams just changed to Y
 Prefixes & other DHS freqs now Ys) Ruegen R. V mkr
 CW (Walters-NJ)
 4525 0540 DIZ AMSW Nauen time tick CW (Mappin-WA)
 6706a 0729 DBT/DBU5 ForMin Berlin QRA mkr CW (Alexander-IA)
 8442 0300 Y5M (see above) M.P.F. Ruegen R. V mkr CW (Thompson-NM)
 GERMANY, W.: 0057 R. Free Europe RR feeder ISB (Ledlow-MD) Freq: 5125
 GIBRALTAR: 4221 0401 GYU Royal Navy ID Q3X mkr CW (Holbrook-MD)
 GREECE: 8578 1555 NGR USN Nea Makri c/g & wkg WEXF CW (Conway-MWI)
 HOLLAND: 8514.1 0324 PCB98 Navy Goeree N13A V mkr CW (Alexander-IA)
 8554.4 0349 PCH42 PTT Scheveningen R. CQ mkr CW (Cossaboon-NWT)
 17007.2 0913 PCH61 PTT Scheveningen R. CQ mkr CW (Ross-ONTARIO)
 ICELAND: 8690 1712 TFA PTT Reykjavik R. CQ mkr t/c list CW (Conway-MWI)
 IRELAND: 5533 0453 EIP Shannon VOLMET OM EE aero wx AM (Heyman-NY) 0630
 (Lani Pettit-IA) 0705 (McLean-NY) 0745 (Schaap-DC)
 ITALY: 4615.2 0155 IDR2 Navy Rome V mkr CW (Ledlow-MD)
 5000 0645 IBF I.E.N. Turin YL EE time sigs AM (Durnavich-IL)
 9787.1 0658 ICB I.P.T. Genoa R. OM It/EE vm USB (Godfrey-ONTARIO)
 22525 1343 IRM7 Rome Medical R. C.I.R.M. V mkr CW (Forsman-CA)
 25093 1820 IDR5/6/7 Navy Air Rome V mkr CW (Kneaskern-NY) (Walters)
 LATVIAN SSR: 4235a 0238 UDH MinCom Riga V mkr CW (Walters-NJ)
 16997 1713 UDH MinCom Riga V mkr CW (French-MD)
 NORWAY: 12961.5 0155 LFU N.T.A. Rogaland R. t/c list CW (Howell-CA)
 POLAND: 12721 2308 SPH PTT Gdynia R. ID mkr CW (Holbrook-MD)
 22505 1725 SPB9 PTT Szczecin R. V mkr CW (Thompson-NM)
 PORTUGAL: 6389 0150 CTP NATO Oeiras V mkr CW (Coleman-MA)
 12809.5 0057 CTU3 Monsanto Naval R. V mkr CW (Forsman-CA)
 16996 1715 CTP NATO Oeiras V mkr CW (French-MD) 1737 (Holbrook-MD)
 SPAIN: 8682 0653 EAD3/4 CTNE Aranjuez R. CQ mkr CW (Kneaskern-NY)
 8447 0300 EBA Madrid Naval R. CQ mkr CW (Thompson-NM) 0319
 EBCQ V mkr (Alexander-IA) 0342 (Blaise-LA)
 17018 0910 EBA Madrid Radionaval CQ mkr CW (Ross-ONTARIO)
 SWEDEN: 22413 1740 SAG A.C.T. G8teborg R. CQ multimkr CW (Draeseke-CA)
 SWITZERLAND: 20278a 1856 PTT Berne YL EE/FF/3G vm USB (Ledlow-MD)
 23420 1834 HEC22 PTT Berne YL EE vm USB (Kneaskern-NY)
 USSR: 8058.8 0140 RAW71 Moscow R/T YL EE vm USB (Ledlow-MD) (Walters-NJ)
 10120 0143 R. Moscow EE feeder LSB (Jenkins-CA)
 11312 0100 RFMV Moscow Aeradio YL RR wkg Aeroflot a/c (Chinsky-NY)
 14900 1320 Moscow R/T YL EE vm DSB (Godfrey-ONT)
 16847a 0021 RLO Navy Leningrad V mkr CW (French-MD)
 22330 1004 UNV MinCom Murmansk R. ID Q3X mkr CW (Conway-MALAWI)
 VATICAN: 5775 0145 Vatican R. YL EE/FF vm DSB (Stone-ONTARIO)
 YUGOSLAVIA: 16942.5 1958 YUR7 PTT Rijeka R. V mkr CW (Osterman-OH)

AFRICA

ANGOLA: 8565 0150 D3E D.S.C.T. Luanda R. CQ mkr CW (Holbrook) (Thompson-NM)
 AZORES: 5610 0400 CSY ARINC Santa Maria OM EE wkg Condor 361 (Fitzgerald)
 CAPE VERDE: 8982 0516 Sal Aeradio OM EE wkg Dakar Aeradio P-T-P USB (French)
 16935 1949 DAA D.P.T. S. Vincente R. CQ mkr CW (Herkimer-NY)
 CENTRAL AFRICA: 12255 0725 TLZ33 FCR Bangui YL FF/EE vm USB (Chabak-AZ)
 CONGO: 10073 1536 Brazzaville VOLMET OM FF wx AM (Carroll-LA) 0049 GOMT
 DIEGO GARCIA: 11234 NKW "Diego Tower" USN OM wkg Q1&N1710 USB (Chabak-AZ)
 11235.5 1240 NKW USN Aeradio OM wkg NF712 USB (Chabak) 2249 (Chinsky)
 DJIBOUTI: 13042.6 2321 FUV F.R. Navy Djib City V mkr CW (Holbrook) (French)
 16905 1522 FUV French Navy Djib City V mkr CW (Draeseke-CA)
 EGYPT: 2301 8578 SUH3 T.O. Alexandria R. CQ mkr CW (French-MD)
 IVORY COAST: 4577 0320 TUP43 INTEL CI Abidjan YL EE vm USB (Carlson-CA)
 8882 0050 Abidjan Aeradio OM EE wkg Springbok 235 USB (French-MD)
 10836 2340 TUP8 INTEL CI Abidjan YL FF/EE vm DSB (Godfrey-ONTARIO)
 KENYA: 11234 2240 RAF TAM Nairobi OM EE wkg Ascot 5456 USB (Chinsky-NY)
 LIBERIA: 4483 0227 5LP4 FCR Monrovia YL FF/EE vm LSB (Walters-NJ)
 8882 2342 Roberts Field Aeradio OM EE wkg Dakar USB (French-MD)
 17426a 2223 KKN44 US Embassy Monrovia QRA mkr CW (French-MD)
 LIBYA: 8959 0115 Tripoli Aeradio OM EE c/g wkg Khartoum P-T-P (Holbrook
 -MD) 0257 wkg Khartoum Aeradio P-T-P USB (Fitzgerald)
 MAURITANIA: 14367.5 2206 5TN29 OFIPOSTEL Nouakchott OM FF/unid mkr (French)
 MOZAMBIQUE: 8698 0504 C9L4 DNCT Beira R. CQ mkr & t/c list CW (Conway-MWI)
 NIGERIA: 13065.5 2007 50W N.E.T. Lagos R. t/c list CW (Herkimer-NY)
 REUNION: 8475 0214 FUX French Navy S. Denis V mkr CW (Walters-NJ) (Howell)
 RHODESIA: 11234 0103 "Salisbury Flightwatch" RAF R. ckg w/ASCOT 5488 (China)
 -NY) OM EE wkg RAF Upavon P-T-P USB (Chabak-AZ)

SENEGAL:13410 0910 6WW French Navy Dakar-Hann R. V mkr CW(Coleman-MA)
SO.AFRICA:6336.5 0327 ZRQ Cape Naval R. Simonstown V mkr CW (Walters-NJ)
8914 0303 Johannesburg Aeradio OM EE wkg Springsbok333(Fitzgerald)
IVORY COAST:11560 0341 TUA211 INTELCl Abidjan YL EE/FVvr DSB(Boehm-TX)

ASIA

BAHRAIN:8448 0305 J9M C&W Manama ID mkr CW (Thompson-NM)
CHINA:4283 1424 XSV MinCom Tientsin R. CQ mkr CW (Draeseke-CA)
5430 1459 BPV Zikawei Observatory Shanghai time tick(Mappin-WA)
CYPRUS:11234 0501 MKE RAF Akrotiri OM EE wkg MQP Upavon USB (Chabak-AZ)
wkg RAF "Nairobi" USB (Chinsky-NY)
INDIA:8634 1355 VTG Navy Bombay V mkr CW (Thompson-NM)
8644.8 1215 VTP4/6/7 Navy Delhi V mkr CW (Draeseke-CA)
10650 1544 SUF93 Home Affairs Delhi wkg net CW (Conway-MALAWI)
INDONESIA:8436 1355 PKC Palembang R. CQ mkr CW (Thompson-NM)
8694 0740 FNK DJPL Jayapura R. CQ mkr CW (Howell-CA)
8868 1602 JKI Jakarta Aeradio OM EE clg Perth P-T-P USB(Conway-MWI)
16861.7 0257 PKI DJPL Jakarta R. CQ mkr CW (Blaize-LA)1312(Conway)
IRAN: 4292 1558 EQZ I.O.R.C. Abadan CQ mkr CW (Conway-MALAWI)
8471 0448 EQZ I.O.R.C. Abadan CQ mkr CW (Herkimer-NY)
IRAQ: 8928 0836 YIA Baghdad VOLMET OM EE aero wx AM(Howell-CA)
22340 0959 YIR Basrah Control R. V mkr CW (Conway-MWI)
ISRAEL:8694 0275 4XO PTT&R Haifa R. CQ mkr CW (Thompson-NM)0440(Dunn)
JAPAN:8000 1438 JYY M.P.T. Tokyo CM JJ time sigs AM (Mappin-WA)
8662 1976 JJH Defense Agency Kure "CP" call mkr CW(Conway-MWI)
8903 1342 JMA Tokyo VOLMET OM EE aero wx AM (Thompson-CA)
11236 0302 AIF Yokota AFB YL EE wkg Lark 64 USB (Chabak-AZ)
12798 0618 JFA Matsudo Fisheries R. CQ mkr CW (Conway-MWI)
12948 1530 JFF Defense Agency Tokyo "CP DE JFF" mkr CW(Conway)
13344 0211 JMA Tokyo VOLMET OM EE aero wx AM (Loren-CA)
17081.6 0155 JFA Central Fisheries R. Chiba CQ mkr CW(Kneaskern-NM)
KOREA:8634 1340 HLM MinCom Seoul CQ mkr CW (Thompson-NM)
NEW CALEDONIA:8644 1350 FUJ French Navy Noumea V mkr CW(Thompson-NM)
OKINAWA:12667.5 0543 JCX NT&T Naha CQ mkr CW (Conway-MALAWI)
OMAN:16868 1034 A4M O.T.C. Muscat R. ID mkr CW (Conway-MALAWI)
PAKISTAN:13010 2326 AQP2 Karachi Naval R. V mkr CW (Holbrook-MD)
17093 0250 AQP4 Karachi Naval R. V mkr CW (Thompson-NM)
PHILIPPINES:8568 1350 DZR S.L. Bulacan R. ID mkr CW (Thompson-NM)
SAUDI ARABIA:8847 0455 Jeddah Aeradio OM wkg Cairo P-T-P USB(Fitzgerald)
8990 0354 "Jeddah Dispatch" Saudi Air LDCC OM wkg 161(Chabak-AZ)
SEYCHELLES:8445 0425 S7Q Seychelles R. C&W ID mkr CW (Herkimer-NY)
SINGAPORE:7180 4300 BBC Far East Relay unkl lang feeder USB (Boehm-TX)
10017 0624 Singapore VOLMET OM EE wx AM(Carroll-LA)1020(Potorti)
SYRIA:13974 2320 VXV9 CanPor R. Golan Heights CM wkg CRM35(Fitzgerald)
THAILAND:12800 1122 HSA3 C.A.T. Bangkok R. CQ&kr & tlc list CW(Conway-MWI)
TURKEY:6395 0145 TBA2 Navy R. Ankara V mkr CW(Coleman-MA)
8445a 0157 TCR DBTAC Tophane Kulesi R. CQ mkr CW (Walters-NJ)
15036 1731 AJO USAF Incrlrk Base OM EE Foxtrot bcst(Kennellan-IL)
USSR: 8535 1502 UKA MinCom Vladivostok CQ mkr CW (Conway-MWI)
1192 0401 Novosibirsk VOLMET YL EE aero wx USB (Chabak-AZ)
17010a 0254 UFB Provedenia Bukhta R. ID QSX mkr CW (Holbrook-MD)
19070 1125 RRG25 Moscow R/T YL EE vm USB (Proom-ENGLAND)
VIETNAM:8590 1330 XSV8 MinCom HoChiMinhVille R. CQ mkr CW(Thompson-NM)

OCEANIA

AUSTRALIA:4500 0640 VNG PMG Lyndhurst OM EE time sigs AM (Ross-ONTARIO)
6407.5 1601 VIC AOTC Broome R. clg VIP3 manually CW (Conway-MWI)
8805.7 0954 VIS Sydney w/OM EE PTP mkr on maritime svc USB(French)
8868 1607 Darwin Aeradio OM EE wkg Philippine 211 USB(Conway)
10017 0701 VLS Sydney VOLMET OM EE wx AM(Peggy Thompson-CA)
(Carroll-LA)0835(Marge Witte-CA)(Potorti-NV)(Dupree-MD)
11234 0114 Cocos Island Aeradio OM wkg Disco Twr USB (Chabak-AZ)
GUAM: 6506.4 1330 NRW USCG OM EE w/NW Pac wx USB (Gaede-CA)
13296 0420 KCD72 Guam IFFS Aeradio OM wkg Continental325(Carlson)
18002 2325 AIE Andersen AFB Guam OM EE wkg MAC059413 USB(Stock-CO)
HAWAII:3270 0355 NMO USCG Honolulu R. CQ mkr CW (Lani Pettit-IA)
5519 1131 KVM77 Honolulu Aeradio VOLMET OM wx AM (Holbrook-MD)
5692 0500 USCG Hilo OM EE wkg "Little Bear" USB (George-TX)
NEW CALEDONIA:16959.2 0035 FUJ French Navy Noumea V mkr CW(Draeseke-CA)
NEW ZEALAND:8997 0645 ZLK USN Christchurch Aeradio OM wkg NZCM(Osterman)

ANTARCTICA

8690 *1149 FJY4 St.Paul&Amsterdam Is. A.T.A.A. CQ mkr CW(Draeseke-CA)
8997 0601 NFX USN South Pole Sta OM EE wx to NZCM USB (Osterman-CH)
11552 0355 NHG USN Palmer Sta OM EE wkg NPX USB (Carlson-CA)
0426 NQU USN Siple Sta OM EE wkg NHG USB (Carlson-CA)

SHIPS

2390 0240 USS Eisenhower OM EE wkg Jacksonville MarOp USB (Cunningham)
 2612 0542 NLVS USCGC Rush CM EE wkg NMC San Francisco USB (Dunn-CA)
 4835a 0118 USS Charles S. Adams OM clg Phil. shipyard control (Kowalski)
 6218 1211 WMVE NOAA weather ship "Albatross" OM wkg NMF USB (Ledlow-TX)
 1214 NRCB USCG Frmg Bark "Eagle" OM EE wkg NMN USB (Ledlow-TX)
 6506.4 0240 NNGP USCGC "Cherokee" OM EE clg NMN USB (Gilbert-NY)
 0310 NRPK USCGC "Clover" OM EE wkg NMC USB (Dupree-MD)
 0320 WTEP NOAA ship "Oceanographer" wkg NMC USB (Gaede-CA)
 0613 WITF NOAA "Townsend Cromwell" wkg NMC USB (Gaede-CA)
 1108 KNBD NOAA "Delaware II" OM EE wkg NMN USB (Gaede-CA)
 1222 WTDN NOAA "Miller Freeman" OM EE wkg NOJ USB (Gaede-CA)
 1234 WTER NOAA "Researcher" OM EE wkg NMN USB (Gaede-CA)
 1530 USS Sea Tiger WAEE OM EE wkg NPG USB (Gaede-CA)
 8207a 0240 "Tropic Sky" (nr Puerto Rico) OM EE wkg WOM USB (Stone-ONT)
 8241.5 0041 BETT Queen Elizabeth 2 OM EE clg Portishead USB (French-MD)
 8387 1915 JQED Kyokko Maru wkg WCC CW (Fitzgerald-RI)
 8405 2156 IBBG "Giuliano Marconi" wkg WOE CW (Fitzgerald-RI)
 8728.2 0046 KMI "Marzan" OM EE wkg KMI USB (Peggy Thompson-CA)
 12174 0119 WTEP NOAA "Oceanographer" R101 OM EE clg NMC USB (Dupree-MD)
 12545a 1926 TCME "Arpad" clg WSL CW (French-MD)
 22027.9 2330 JPDW "Christina II" OM EE/Grk wkg WOO USB (Carlson-CA)

AIRCRAFT

5610 0152 KLM 762 OM EE wkg San Juan Aeradio USB (Holbrook-MD)
 0207 Condor 361 OM EE wkg NY Aeradio USB (Gaede-CA)
 8901 2148 NordAir 157 OM EE wkg Montreal Aeradio USB (Fitzgerald-RI)
 8959 0016 Lufthansa 536 OM EE clg Cairo Aeradio USB (Holbrook-MD)
 0034 Sabena 497 OM EE clg & wkg Tripoli Aeradio USB (Holbrook-MD)
 8984 0127 Interflug 779R OM GG wkg Interflug LDCC Berlin USB (Chinsky)
 8989 0040 Kite 23(C5A) OM EE wkg McClellan AFB USB (Russell-IL)
 0100 Aerovac 60209 OM EE wkg MacDill AFB USB (Compton-MA)
 0220 Blacklist OM EE wkg McClellan for R. ck USB (Chinsky-NY)
 2140 Ascot 2270 CM EE wkg McClellan AFB USB (Peggy Thompson-CA)
 0319 QB27 OM EE wkg VMGR-352 El Toro MCAS via AFI USB (Russell-IL)
 11182 1555 AG312 OM EE wkg VAW-121 Norfolk via Scott USB (Russell-IL)
 1651 Cotton OM EE wkg NORAD CP Cheyenne Mt via Scott (Chinsky-NY)
 1907 NALCO 71 OM EE wkg VFC-40 Norfolk NAS via Scott (Russell-IL)
 1928 AF022 OM EE wkg Cush Control, Langley AFB via Scott (Russell)
 1943 Eunice 58 OM EE wkg 463rd CP Dyess AFB via Scott (Russell-IL)
 1946 Ascot 5645 (RAF 3-130) OM wkg Scott Metro via AFG37 (Russell)
 11239 0244 Swan 24 OM EE wkg Mather Monitor via McClellan USB (Chabak)
 11246 1900 Teal 08 OM EE wkg Miami Monitor via MacDill USB (Russell-IL)
 11249 1812 Iron Age OM EE analog voice ck w/Andrews AFB USB (Chinsky-NY)
 2212 Executive 1P(1st Family) OM wkg SAM CP via AFA (Chinsky-NY)
 1324 1737 Ascot 1173(PM Thatcher aboard) OM wkg Andrews USB (Russell)
 18002 1942 AB710 OM EE wkg Loring AFB USB (Russell-IL)

TACTICAL

5703 0126 FIRESIDE 3(Shaw AFB SC)atching BEST138 to BESTINTEL (Chinsky)
 6760 0345 ALIENATE OM EE code tfc (to Andrews?) USB (Kowalski-WI)
 6761 0138 BRISKLY OM EE R. ck w/DURATION USB (Chinsky-NY)
 0230 EVOLUTION YL EE tfc for BOYCOTT, & DURATION USB (Stone-ONT)
 0638 CARDGAME OM EE clg CONQUEST USB (Kerrigan-IL)
 7540 2017 Alfa Romeo OM EE coded wx info to BEERCAN USB (Rzepka-WI)
 8984a 0140 REDMAN (CG Patrol Ctr?) OM wkg BEECHNUT (CG ship) USB (Chinsky)
 8997 0436 CROSSCUT (Barber's Pt NAS) YL EE wkg EU000 USB (Chabak-AZ)
 9023 1530 ARIZONA PETE (NORAD Luke AFB AZ) OM EE clg DRAGNET USB (Russell)
 1546 DRAGNET B (EDGY 13) OM EE wkg CHOPHOUSE USB (Russell-IL)
 2327 BARTLEY USAF OM EE wkg ARIZONA PETE USB (Stock-CO)
 9027 2002 BRIGHTEN OM EE clg SKYKING USB (Rzepka-WI)

SPY NUMBERS STATISTICS

3087a 0120 YL SS 5-digit groups AM 12/4/79 (Stone-ONTARIO) / 12/14/79
 3160a ???? YL SS "Atención, 3d group" AM (Radcliff-IL) What digits? Time?
 3450a 0501 YL SS 5-digit groups 0510* AM 12/18/79 (Durnavich-IL)
 3810a 0120 YL SS 5-digit groups "Atención 017 10" AM 1/21/80 (Osage-OH)
 4875a 0627 YL SS 5-digit grs "Final" 0629* AM 12/9/79 (Lani Pettit-IA)
 6768a *0700 "37" rptd to 0705, 5-d grs CW 12/19/79 (Munster-GA)
 6773a 0613 YL SS 5-digit groups AM 10/22/79 (Kerrigan-IL)
 6800a 0719 YL SS "Atención 403 47" 5-d AM 12/29/79 (Alexander-IA)
 7405a 0609 YL GG 5-digit groups AM "Ende" 0611* 1/5/80 (Cunningham-OH)
 8063a 0147 YL GG 5-digit grs, "Ende" 0150* 1/31/80 (Ledlow-MD)
 9325a 0210 YL EE 5-d "End of the Information" 0225* 11/7/79 (Baker-DE)
 11170a 1535 OM(1) EE "10-40-3" rptd, 5-d grs AM 1/1/80 (Peg Thompson-CA)

20 unused TACS, 21 unused #, & many unused RTTY loggings will all be used as rapidly as possible in future Ute Reports.

QSL REPORTS

Editor: Bob Donly 7208 Sunview Dr. Columbia, South Carolina 29209
(deadline 12th of the month)

March has arrived, and on the 21st the Vernal Equinox will mark the first day of Spring. I'm more than ready for it - how about you?

From Art Getzel's "Tips and Topics" Column in the February issue of SPEEDX comes this news. From now on, Radio Australia will only issue confirmation cards during one month of the year. And only during that month will they confirm reception reports. Ample notice would be given as to which month would be designated QSL Month.

Due to World inflation, it looks as if other stations might follow this or similar QSL policies. In my opinion, we shortwave listeners could be partly responsible for some of these changes. I would be the last one to discourage anyone taking part in our hobby, however it seems rather pointless to constantly send large numbers of reports to the same stations month after month. This seems to apply mostly to the larger Broadcasters, who are more easily heard. If these stations are known to require frequent reports, or are conducting contests then this is a different matter. Think of how you may feel if you had to sustain the costs of QSLing for such stations as Radio Australia, The BBC, Radio Nederlands, HCJB and others.

A goodly number of reporters (70) reporting this month, 3 for the first time. Keep it up - it's your club and I can only report what you send in.

Away we go !

Europe

ALBANIA: R. Tirana, 9750, f/d "Haut Leve L'esprit Revolutionnaire" cd in 110d sfc, no rp. (LATTEMANN WA), same in 73d air, no rp (PIMBLETT ALTA)

ANDORRA: AWR via R. Andorra, 6215, F/d cds in 23-32ds air, for 1-2 IRCs no rp. Christmas cd (LOBDELL MA)(DESROSIERS MA), Heart cd (MOORE PA), Scenes of Sines (AUDETTE MA)

AUSTRIA: ORF, 6155, 9770, 15260. F/d cds in 28-70ds air, no rp. "Snail with Castle" etc. (MUNSTER GA)(SMITH FL) (KLASEK MO)

Schulungssender, 6221, freq./only no desc. cd in 66d sfc, no rp (TOIA ITALY)

BELGIUM: BRT/ORU, 21460, f/d Harmonic Filter cd in 22d air, no rp (SAVAGE CA) no cd, but bulletin, sticker and pennant in ?d (RZEPKA WI)

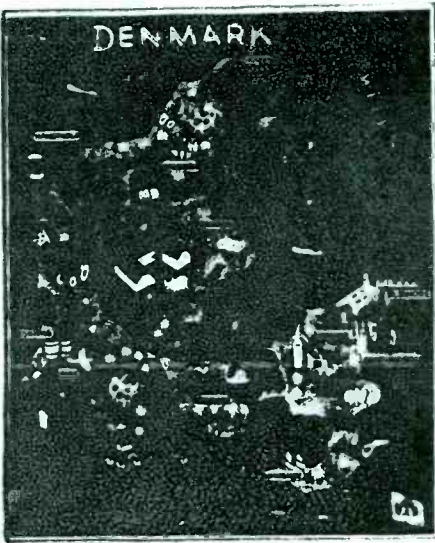
BULGARIA: R. Sofia, 9705, 15330. F/d cds in 44-63ds air, no rp. "Kukery", "View of Melnik" etc (BLOM NY)(ZELLE MAN) (KLASEK MO)

CZECHOSLOVAKIA: R. Prague, 7345, 11885, 11990. Date/only and f/d cds in 90-133ds air, no rp. (FORBES TX)(SMITH FL)(AUDETTE MA)

DENMARK: R. Denmark, 15165, f/d Radio-house Aerial Tower cd in 35d air, for 2 IRCs (SEMESKY IN)

FINLAND: R. Finland, 9645, no/data "Rapy-la Suburb" cd in 42d air, no rp (DUNN CA) 11755, no/data Industry cd in 41d air, for 3 IRCs (CRAWFORD CA)

.. A few sour grapes won't spoil the wine ..



from Paul Kowalski Copenhagen, 7/11, 1965

DEAR LISTENER

Your report of 6/23/65 concerning our broadcast on 5/105 kch/9.78 m, 50 kw, call letters OZP at 1200 1300 GMT on 6/23 1965, has been to 6. HAZARD is hereby verified.

Sincerely yours,

Donly
SHORTWAVE BUREAU

FRANCE: R. France International, 15360, 17850, 17860, 21620. F/d cds in 18-38ds air, for 1 IRC no rp. Charles De Gaulle Station, "Palais de la Radio" etc. (PHILLIPS CT) (CARROLL LA)(SLOVINSKI CA)(KLAISEK MO)

GERMANY(Democratic Rep.): RBI, 9730, 11970. F/d cds in 23-51ds air, no rp. "Messestadt-Leipzig", "Cosmonauts", Berlin Tower and Skyline etc. (KNEASKERN NY)(KLAISEK MO)

GERMANY(Federal Rep.): Deutsche Welle, 15240, 21610. F/d cds and pennants in 90d air, no rp. (SPINKS WV)

Bayerischer Rundfunk, 6085, date/freq. Mountain Observatory cd in 21d air, for 2 IRCs (LOBDELL MA)

Sddeutscher Rundfunk, 6030, f/d Stuttgart Studio cd in 24d air, for 1 IRC (AUDETTE MA)

GREAT BRITAIN: BBC, 9590, f/d "Tower Bridge" cd in 66d sfc, no rp (FALLOWS ONT), 21710, no/data "Tower Bridge" cd in 30d air, no rp (SLOVINSKI CA)

VOA Wooferton Relay, 7200, f/d "Satellite Americom" cd in 10d sfc, no rp (HOLBROOK MD)

HOLLAND: R. Nederland, 9590, F/d cds in 13-21ds air, no rp (KLAISEK MO)(BINAU MD)

HUNGARY: R. Budapest, 11910, f/d Multi Coloured Logo cd in 32d air, no rp (KNEASKERN NY)

ITALY: RAI, 9570, f/d Painting of Giorgione cd in 120d, no rp (RZEPA WI), f/d Picture of Castles cd in 7d air, no rp (KERN CA), 17815, f/d River Scene cd in 35d air, no rp (KNEASKERN NY)

MALTA: Deutsche Welle Relay, 6100, date/only "Breton Landscape and Farmhouse" cd in 26d air, no rp (THOMPSON NM)

MONACO: TWR, 9495, F/d cds in 21-54ds air and sfc, for 1-2 IRCs no rp. Map cds (SMITH FL)(KNEASKERN NY)(CRAWFORD CA)(SAVAGE CA)

NORWAY: R. Norway, 9590, 11935, 15175, 17795, 21730, 25730. F/d cds in 20-160ds air and sfc, for 2 IRCs no rp. "Winter in Norway", "Old Mill" etc. (MUNSTER GA)(KLAISEK MO) (STONE ONT)(BLOM NY)(BALLWANZ NJ)(HEYMAN NY)(HOLBROOK MD)

POLAND: Polskie Radio, 11815, f/d 35 years People's cd in 32d air, no rp + pennant (BLOM NY), 15120, f/d Pond Scene cd in 18d air, for 1 IRC (KNEASKERN NY)

PORTUGAL: R. Portugal, 11925, f/d "Sunflower" cd in 25d air, for 1 IRC (ERAMO MA), f/d Winter cd in 30d air, no rp (BALLWANZ NJ), 11935, date/only Embroidery from Minho cd in 44d air, no rp (SMITH FL), f/d "DX Club" cd in 7d air, no rp (KERN CA)

SPAIN: R. Exterior de ESPANA, 9630, 11880. F/d cds in 25-62ds air, for 1 IRC no rp. "Sierra Nevada Mountains", "San Clemente de Tahull", Church Archway. (SMITH FL) (FRASER MA)(THOMPSON NM)(MOORE PA)(SLOVINSKI CA)(BICKEL CA)(SAUNDERS FL)(HEYMAN NY) (KNEASKERN NY)(DUNN CA)

SWEDEN: R. Sweden, 15275, f/d River Scene cd in 12d air, no rp (KLAISEK MO), f/d Map cd in 18d air, no rp (KLAISEK MO)

SWITZERLAND: Swiss R. International, 6135, 9725, 11715, 15305, 21545, 21570, 21585. F/d cds in 23-68ds air and sfc, for 1 IRC no rp. "Schiora Mountains", "Lake Samis", Aerial View of Old Swiss Town etc. (SMITH FL)(RZEPA WI)(THOMPSON NM)(SLOVINSKI CA) (HEYMAN NY)(DUNN CA)(RUDOLPH AL)(FOURNIER VA)

RCBS, 7210, date/freq. globe/headphones cd in 77d sfc, for 1 IRC (PETTIT IA)

USSR: (Ed. note: Please do not indicate USSR sites unless they appear on your QSL. R. Moscow, 41 metres, 7370, 9500, 9610(Tula), 9680, 9685(Moscow), 12010(Armavir) 12060(Vinnista), 17810(Somferopol). F/d cds in 28-72ds air, no rp. "Russian Revolution", "Olympic Mascot", Radio Moscow 50th Anniv. etc. (OSBORNE MI)(SMITH FL) (FRASER MA)(GEORGE TX)(DESROSIERS MA)

Radio Station Peace and Progress, 16metres, date/time "Red Square" cd in 34d air, no rp (KLAISEK MO)

R. Riga, 5935, date/only brown/white Modern Homes cd in 164d air, no rp (KLAISEK MO)

R. Tashkent, 6025, 11730, 15115, 15460. F/d cds in 30-60ds air, no rp. Buildings, Blue Map cd, Two Views of Tashkent etc. (SEMESKY IN)(TOIA ITALY)(KLAISEK MO)(MELLINGER NJ)(BUHAGIAR ONT)

R. Vilnius, 11735, f/d³Kaunas, 16th Century Town Hall" cd in 115d sfc, no rp. (FALLOWS ONT)

R. Yerevan, 17870, date/time, but wrong freq. plain white cd in 75d air, no rp. (SAVAGE CA), no/freq. given, but f/d cd in 38d sfc, no rp (LOREN CA)

VATICAN CITY STATE: R. Vaticana, 6015, f/d TV Monitors of Papal Audience cd in 26d air, for 1 IRC (FRASER MA)

YUGOSLAVIA: R. Beograd, 9620, f/d "Orchid" cd in 78d air, no rp (KLAISEK MO)

Africa

BENIN(People's Rep.): ORTB, 4870, f/d "5 Scenes" cd in 55d, for 1 IRC, rptd. in FF (CARROLL LA), same cd in 28d air, for 1 IRC (BLOM NY)

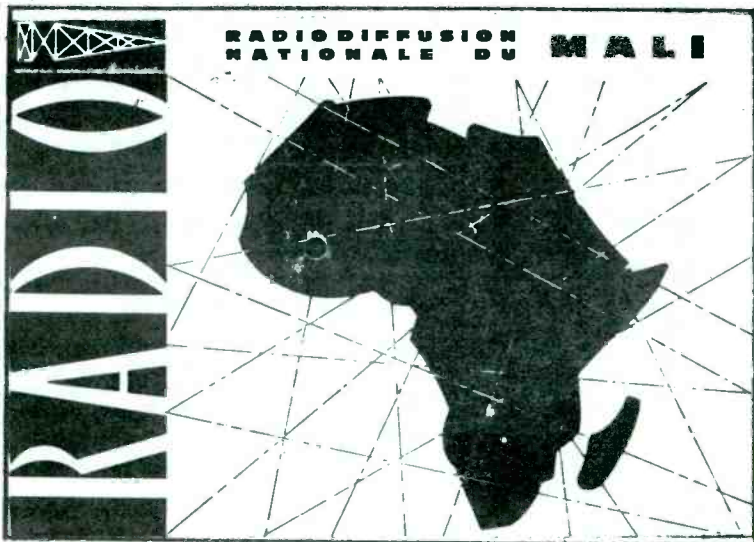
CANARY ISLANDS: 11880, f/d "San Clemente" cd in 27d air, no rp (SMITH FL), 15365, f/d same cd in 30d air, no rp (AUDETTE MA)

GHANA: GBC, 4915, f/d Tri-coloured cds in 146-175ds sfc, for 1-2 IRCs. (McLEAN NY) (SAVAGE CA)(HEYMAN NY), 6130, f/d Coat of Arms with GBC Logo cd in 123d sfc, for 1 IRC (AUDETTE MA)

IVORY COAST: f/d Map with Tower cd in 65d air, for 1 IRC, rptd. in EE and FP - third try (DESROSIERS MA)

LIBERIA: ELWA, 3277, f/d "Native Drummer" cd in /d air, no rp (CUCURA PA), 477D, no/data, but same cd in 47d, no rp (JONES VA), 11830, f/d "Native Drummer" cd in 218d air, no rp (McLEAN NY), no/data, but same cd in 290d air, for 1 IRC (PETTIT IA), same in 154d air, for 3 IRCs (AUDETTE MA) ELWA usually provides f/d - strange ! bd
MADAGASCAR: R. Nederland Relay, 11730, f/d "Authentic Costumes" cd in 23d air, no rp (FRASER MA)

MALI: Rdif. Nationale Du Mali, 5995, f/d African Map cd in 135d sfc, for 3 IRCs (KOWALSKI WI), same cd in 127d air, for 1 IRC (AUDETTE MA), 11960, same cd in 180d air, for 2 IRCs (WITTE CA)



Thanks to:
 Marjorie
 Witte

MAURITANIA(Islamic Rep.): Rdif. Nationale, 4845, date/time Map with Star Crescent and Antenna cd in 50d sfc, for 3 IRCs, rptd. in FF (TIMMER IN)

MOROCCO: Rdif. TV Marocaine, 15330, no/data ltr. in 60d, for 2 IRCs (RUBIN MA)

NIGERIA: V. of Nigeria, ?, f/d Coat of Arms cd in 65d air, no rp (FOURNIER VA)

IMO Broadcasting Corp. 4755, f/d ltr. in 90d, for 2 IRCs (RUBIN MA)

Plateau Broadcasting Service, 4990, f/d ltr. on corrected NBC ltrhead. in 90d, for 2 IRCs (RUBIN MA)

SOUTH AFRICA: RSA, 11900, f/d Lion cd in 28d air, no rp (HEYMAN NY), same in 29d air, for 1 IRC (THOMPSON NM), 15155, same cd in 22d air, for 2 IRCs (OSBORNE MI), 15220, f/d "Durban and North Beach" cd in 30d air, no rp (JAMES MI), f/d Lions cd in 20d air, for 1 IRC (PHILLIPS CT), 17780, f/d Durban and North Beach cd + pennant in 25d air, no rp (BALLWANZ NJ), f/d "The Wary and the Weary" cd in 33d air, no rp (SMITH FL)

SUDAN(Democratic Rep.): R. Omdurman, 5039, date/only form ltr. and schedule in 45d sfc, for 3 IRCs, v/s Mamoun A. Magud (TIMMER IN)

UGANDA: UBC/R. Uganda, 15325, f/d "Studio Complex" cds in 90-275d air and sfc, for 1-2 IRCs no rp. (HENSLEY TX)(PAVELKA NY)(RUBIN MA)(ZELLE MA)

ZIMBABWE RHODESIA: ZRBC, 3396, f/d very large Map cd in 60d, for 2 IRCs (RUBIN MA)

Asia

AFGHANISTAN: R. Afghanistan, 15075, f/d "Bamyan Buddah" cd in 90d, for 3 IRCs (RUBIN MA)

CHINA(People's Rep.): R. Peking, 9820, 15115, 15230, 15520, 15600, 17680, 17855. f/d and date/freq. cds in 15-90ds air, for 1 IRC no rp. "Great Wall", Bridge over Canal, "Summer Palace" etc. (BYRON NY)(BUHAGIAR ONT)(JAMES MI)(HESCH NY)(SMITH FL)(BICKEL CA)(OAKLEY OR)(DESROSIERS MA)(CRAWFORD CA)(SLOVINSKI CA)(BINAU MA)

Central People's Broadcasting, 10245, f/d Harbor Drawing cd in 24d air, no rp, wrong freq. listed on cd (DESROSIERS MA)

Hunan People's Broadcasting Station, 4990, f/d no desc. cd in 24d air, for 1 IRC (LAZARUS LA)

INDIA: AIR, 11620, f/d River with Canoes cd in ?d air, for 1 IRC (KERN CA), f/d Tiger in Jungle cd in 210d air, no rp (PAVELKA NY), f/d "Ancient Buildings" cd in 180d, for 2 IRCs (SAUNDERS FL), f/d Indian Architecture cd in 82d air, for 1 IRC (PAVELKA NY)

Why is it that whenever you set out to do something, something else must be done first.

INDONESIA: V. of Indonesia, f/d "Highlands of Mount Bromo and Tengger" cd in 137d air, no rp (McLEAN NY)

IRAQ: R. Baghdad International, 9745, f/d Map cd in ?d air, for 1 IRC (HEYMAN NY), same in 31d air, no rp (KNEASKERN NY), same + pennant in 42d air, for 3 IRCs (SEMESKY IN)

ISRAEL: IBA, 7412, 9815, 11637, 11655, 15300, 17645, 25640, 29725. F/d cds in 35-73ds air, no rp. "Flags of Israel", Temple Mount and Western Wall (SLOVINSKI CA)(ZANINI CO) (MUNSTER GA)(TOIA ITALY)(SMITH FL)(KNEASKERN NY)(JONES VA)(CUCURA PA)

JAPAN: R. Japan, 3377(Osaka), 9505, 17755, 17815, 17825. Date/freq. cds in 16-50ds air, no rp. "Kamakura Snow Huts", "Koto DoIT", "Kamaura" etc. (WITTE CA)(SMITH FL)(ZANINI CO)(YAJKO PA)(BYRON NY)(FRASER MA)(BINAU MD)(THOMPSON NM)

FEN, 3910, date/freq. Logo cd in 32d sfc, no rp (SLOVINSKI CA), 6155, same cd in 23d sfc, no rp (ROSEWARNE CA)

KOREA(Rep.): R. Korea, 7550, f/d Inauguration of new Freq. cd in 40d air, no rp (TOIA ITALY), 9720, no/data Pagoda cd in 60d air, no rp (GODFREY ONT), 15570, f/d cd with Buildings in 32d air, no rp (KNEASKERN NY), f/d new Freq. cd in 21d air, no rp (BLOM NY)

KUWAIT: R. Kuwait, 11690, f/d folder cd in 74d air, no rp (TOIA ITALY), 21685, same cd in 80d air for 3 IRCs (THOMPSON NM)

LEBANON: The Radio Voice of Lebanon, 6550, f/d ltr. in 42d air, for 2 IRCs, v/s Joseph EL-Hachem (LOBDELL MA)

MONGOLIA: R. Ulan Bator, 11855, f/d purple/red cd in 90d air, no rp, also paper pennant (LOBDELL MA), 12070, same cd and pennant in 30d air, no rp (TOIA ITALY)

OMAN: R. Oman, 11890, f/d "Al Kamil" fortress cd in 49d air, for 2 IRCs (LOBDELL MA)

PAKISTAN: R. Pakistan, 15470, f/d "Pool at Islamabad" cd in 29d air, no rp (KNEASKERN NY)

PHILIPPINES: FEBC, 15450, no/data "30th year" cd in 197d air, no rp (TOIA ITALY), same in 26d air, for 3 IRCs (PAVELKA NY), 17810, same cd in 30d, for 2 IRCs (RUBIN MA), same cd in 40d air, for 3 IRCs (FRASER MA)

R. Veritas Asia, 15320, Multi-lingual cd in 35d air, for 3 IRCs (SEMESKY IN)

VOA Relay, 21670, f/d "Satellite Americom" cd in 21d sfc, no rp (SMITH FL)

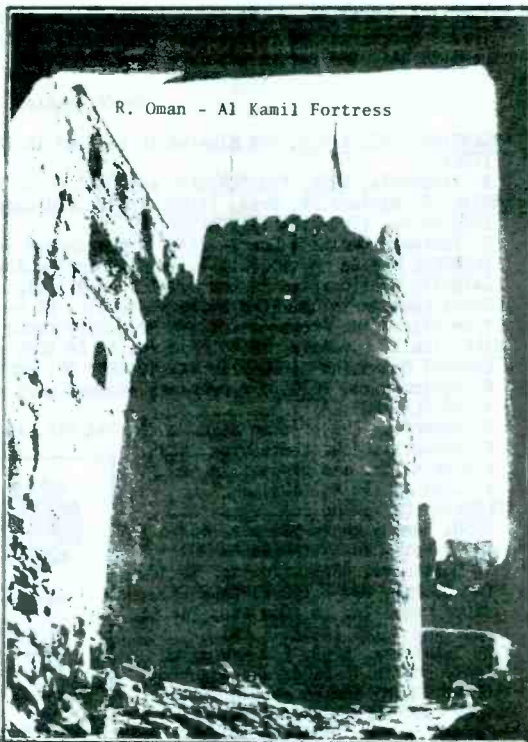
SAUDI ARABIA: BSKSA, 11855, 15060, 15290, 21590. F/d "Crossed Swords" cds in 28-145ds registered air, for 2 IRC no rp. (FOURNIER VA)(PAVELKA NY)(KNEASKERN NY)(TOIA ITALY) (HOLBROOK MD)

SINGAPORE: R. Singapore, 11940, f/d "Singapore by Night" cd in 30d, for 2 IRCs (RUBIN MA) BBC Relay, 15280, no/data "Tower Bridge" cd in 23d air, for 1 IRC (DESROSIERS MA)

TAIWAN: V. of Free China, 15270, 15345. F/d "Painting of Horses" cd in 23-33ds air, for 1-2 IRCs no rp (ZELLE MAN)(CRAWFORD CA)(BICKEL CA)(KERN CA)

TURKEY: V. of Turkey, 11955, f/d "Turkish Humor" cd in 45d air, no rp (SAVAGE CA)

YEMEN(Arab Rep.): R. San'a, 9780, F/d form ltrs. in 45-389ds air, for 1 IRC no rp (AUDETTE MA)(PETERS KY) Good to hear from you again David ! bd



Thanks TO: Chris Lobdell

Oceania

AUSTRALIA: R. Australia, 17795, f/d "Common Fringed Lilly" cd in 31d air, no rp (SMIHL FL)

ABC VLM4, 4920, f/d Map cds in 23-26ds air, for 2 IRCs.(CUCURA PA)(SEMESKY IN) (CRAWFORD CA)

ABC VLW9, 9610, f/d Map cds in 20-30ds air, for 1-2 IRCs no rp (RUDOLPH AL)(STONE ONT) (MOORE PA)


GUAM: TWR?KTWR, 17770, f/d Logo with Palm Trees cd in 29d air, for a MS (PAVELKA NY)
NEW ZEALAND: R. New Zealand, 15345, no/data Cattle with Mountain Scene cd in 15d air,
 no rp (FOURNIER VA)
PAPUA NEW GUINEA: NBC, 3925, 4890. F/d Map cds in 20-41ds air and sfc, for 2-3 IRCs,
 no rp. (GAKLEY OR)(ROSS ONT)(SLOVINSKI CA)(SEMESKY IN)(CARROLL LA)
 R. Morobe-Lae, 3220, f/d yellow Map cd via Boroko in 35d air, for 2 IRCs (LOBDELL MA)
 R. New Ireland, 2428, f/d Map cd in 33d air, for 1 IRC (MOORE PA)
SOCIETY ISLANDS: R. Tahiti, 11825, 15170. F/d "Island Nudei" cd in 106-134ds air, for 1
 IRC (BROWN WA)(MCLEAN NY)
SOLOMON ISLANDS: SIBC, 5020, 9545. F/d Black/White Logo cds in 21-24ds air, for 1-2
 IRCs and MS (RUBIN MA)(MOORE PA)(CARROLL LA)(DESROSIERS MA)

Antarctica

ANTARCTICA ARGENTINA: R. Nacional Arcangel San Gabriel, 6029, no/data SS veri. ltr. with
 Travel Brochures and colour Post cds in 67d registered air, for 3 IRCs returned. Rpt.
 sent to RAE, and return was from same (DOWLY SC)

South America

ARGENTINA: RAE, 11710, f/d Blue/White Logo cd in 180d air, no rp, also pennant (TOIA
 ITALY)
 R. Rivadavia, 5882, f/d "Chicken and Owl" cd in 29d air, no rp. (JONES VA)
BRAZIL: R. Nacional 7R. Bras, 11780, 15290. F/d Logo and Sunset cds in 28d air, for 2
 IRCs no rp. (TOIA ITALY)(SEMESKY IN)
 R. Educacao Rural de Coari, 2490, f/d returned prepared cd in 20d on second try
 (LOBDELL MA) Ed. note: This is an interesting low power station. It has been set up by
 Catholic Missionaries in the Jungles of Brazil, and with the help of Padre Martin
 James Laumann is operated by local people. EE rpts. are OK since the good Padre is
 from Wisconsin. Prepared cds are necessary since their budget is very low. bd
CHILE: The V. of Chile, 15140. F/d cds in 55-60ds air, for 1 IRC no rp. "Dawn at the
 Central Mountains" (FOURNIER VA)(GODFREY ONT)(DESROSIERS MA)(ROSEWARNE CA)
 R. Agricultura, 9630, f/d prepared stamped self addressed cd in 30d air, for MS, rptd.
 in SS (LAZARUS LA)
 R. Minería, 9750, f/d no desc. cd in 34d air, no rp (TOIA ITALY)
 R. Universidad De Concepcion, 6135,
 f/d cd + ltr. and pennant in 64d
 air, no rp (TOIA ITALY)
COLOMBIA: La Voz de los Centauros,
 5950, Cowboy cd in 90d air, for 1
 IRC, rptd. in SS (HOLBROOK MD)
 R. Guatapuri, 4815, f/d ltr. in 30d,
 for SS rpt. and 1 IRC (BREWER TN),
 date/freq. ltr. in 106d sfc, for SS
 rpt. and 1 IRC (AUDETTE MA)
 R. Sutatenza, 5059. F/d and date/
 freq. cds in 45-262ds air and sfc,
 for 1 IRC MS and no rp. Christmaas
 Tree cds (BREWER TN)(THOMPSON CA),
 Folder Logo cd (AUDETTE MA)
ECUADOR: HCJB, 9745, 9575, 1910,
 11915, 15115, 15120, 17885, 21480,
 26000, 26020. F/d cds in 26-73ds air,
 for MS and no rp. "Jama Coaque Civil-
 ization", "Wood Carving in Ecuador"
 (ZANINI CO)(KLASEK MO)(HEYMAN NY)
 (KERN CA)(THOMPSON NA)(BYRON NY)
 (SEMESKY IN)(SMITH FL)(OSBORNE MI)
 (JAMES MI)(YAJKO PA)(JONES VA)
 Esc. Radiofonicas Populares, 3985,
 no/data folder cd in 19d air, for
 1 IRC and SS rpt. (MOORE PA)
GUYANA (French): FR3, 3385, f/d folder
 cd in 33d air, for 2 IRCs and FF
 rpt. (CUCURA PA)
GUYANA (Rep.): 5950, f/d form ltrs. in
 46-53ds air, for 2-3 IRCs (GEORGE TX)
 (LATTENMANN WA)
SURINAME: R. Apintie, 4794, no/data
 veri ltr. in 42d air, for EE rpt.
 and MS, also wall calendar, v/s
 E. Vervuurt (LOBDELL MA)



Radio Apintie

Vervuurt Commandering 12
Paramaribo - Suriname

Paramaribo December 22, 1979.

Mr. Christopher S. Lobdell,
P.O. Box 145,
Stonington, Tangahmatta 02180,
U.S.A.

Dear Sir:

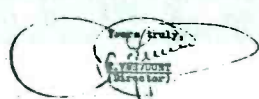
Thank you very much for your letter dated November 20.

It is with pleasure that we hereby confirm, that according
to the information given in your report, you have been
listening to Radio Apintie.

The transmitter you heard is a Phillips 50 watts transmitter
coupled to a 5 element monoband Doublet Log Periodic Antenna
with a gain of 10 db.
This transmitter is meant to serve the people of our interior
but it is nice to receive reports from people abroad.
We also have a PE Stereo transmitter (Sintronic) of 1000 watts
with 6 relay stations (10 watts) and an AM transmitter (Gates)
of 5000 watts.

Please find enclosed a card with views of Paramaribo our
capital.

Thanking you again for your reception report we remain.



Chris Lobdell
1979/12/22
Stonington

P.S.
We started transmitting
on the short-wave band
in September 1979.

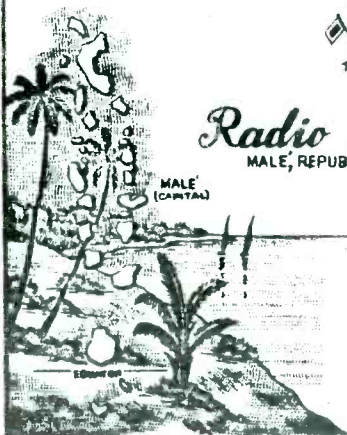
Thanks to: Chris Lobdell



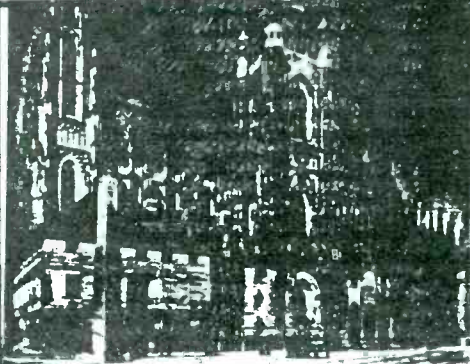
QSL
CARD

Radio Maldives

MALE, REPUBLIC OF MALDIVES



Mr. Don Johnson, WDX6J
P.O. Box E, Elsinore, California
USA



Czechoslovakia - Praha - St. Vitus Cathedral

VERIFICATION **OLR** Date: December 27, 1937
Hour: 6.30 a.m. CST
Frequency: 11940 Kcs



QSL potpourri

Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

LANGUAGE CHOICE IN TRANSNATIONAL RADIO BROADCASTING - PART 2

by Dr. Richard E. Wood

By broadcasting in German, stations may address audiences in three of the world's major political groupings: the Federal Republic of Germany of NATO, the German Democratic Republic of the Warsaw Pact, and the neutral countries of Austria, Liechtenstein, and German-speaking Switzerland. Transmissions in German are also widely understood in adjacent countries of Western and Eastern Europe. Other audiences for German broadcasts have been created by the growth of tourism from German-speaking countries, which may explain the introduction of German broadcasts from Sri Lanka and Malta in the 1970s and Uganda in late 1978. Traditional ties and political or cultural sympathies with Germany explain German broadcasts from Ankara, Baghdad, and Cairo.

Jamming of German broadcasts is minimal, the principal sufferer being the German service of Britain's BBC, which is regularly jammed by the GDR. The Voice of America has no regularly scheduled broadcasts in German, since there is a permanent American radio voice in Germany, RIAS Berlin, whose programs are produced on the spot. Occasionally broadcast is Die Stimme Amerikas, an essentially point-to-point program feed for relay by RIAS to other German stations. RIAS, too, is subject to jamming, particularly in its AM and FM operations.

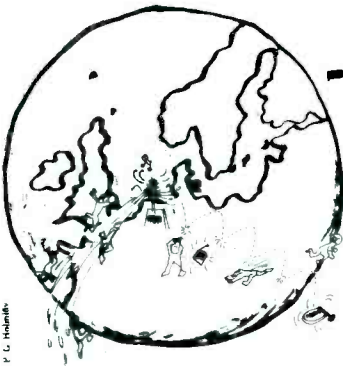
German broadcasting in the Americas is mainly the product of the pioneer radio station HCJB Quito, and Deutsche Welle. HCJB Quito transmits many hours of daily programming, chiefly evangelical, with personal and community messages. Deutsche Welle, the West German station in Cologne, broadcasts to North America for a full eight hours a day in German, but makes only two twenty-minute broadcasts in English directed to the East and West Coasts. This policy means that West German English language broadcast time to North America is exceeded by the East German station, Radio Berlin International.

Of the languages considered so far, Russian is the first to be confined, in essence, to a single country - albeit the largest country in the world. Broadcasts in Russian are of varied origin, but the language is weak in broadcasts from Africa (Radio Cairo alone uses it there) and absent from Oceania. Increased Soviet influence in the Third World has not brought about a corresponding increase in knowledge of the Russian language, with the apparent exception of All India Radio, Delhi, which began Russian broadcasts in 1974.

The political strength of the Soviet Union within its own bloc also results in the absence of its major language from the broadcast schedules of bloc countries. Since 1945, the USSR has frowned upon its political satellites broadcasting to Soviet audiences, and Eastern European stations must direct their external broadcasting exclusively to the West and the Third World. Thus Russian-language programming directed to Soviet listeners, as is listed by Romania, is a sure sign of political non-conformism. During the period of unrest in Poland in the mid-1950s, Radio Warsaw transmitted in Russian, but the broadcasts were suppressed after the quelling of the riots in Poznan and other Polish cities in 1956. Radio Habana Cuba does not broadcast in Russian or any other Soviet-bloc language, but the station of Hanoi uses both Russian and Chinese, as does Radio Ulan Bator, Mongolia.

Some, but not all, broadcasts in Russian from Western stations, and all broadcasts from Radio Peking to the USSR, are subject to jamming. At present, the Voice of America is unjammed, while Radio Liberty, headquartered in Munich and transmitting in Russian and over 20 Soviet minority languages, is subject to intense jamming, which disturbs its reception and that of many other stations throughout the world, including Radio Moscow itself on the same or nearby frequencies. The intensity of Soviet jamming certainly acts as a deterrent when stations consider whether or not to add Russian broadcasts to their schedules. Perhaps the most uncompromisingly anti-Soviet voice on shortwaves today, other than the intensely jammed Radio Peking, is the station of Santiago, Chile, where Soviet émigré announcers respond to the many hours of daily programming beamed from the USSR to Chile from a number of stations.

While the number of stations using a particular language can indicate which and how many people are being reached by shortwave transnational broadcasting, the measure of which broadcasting stations use the most languages can show who is reaching them. Table 2 ranks the broadcasting organizations on this measure. As can be seen, Radio Moscow has the capacity to reach twice the number of language groups as the Voice of America.



The principal weaknesses of Radio Moscow are in geographical distribution of transmitters (it lacks the worldwide relay systems of several major Western broadcasters and the large Christian missionary networks), audience ratings, and program production (no drama performances in foreign languages, general dullness and repetitiousness). Its selection of languages is worldwide, and includes the languages of its closest allies even when the domestic broadcasting services of those allies can be expected to reflect a pro-Soviet line. Thus there are programs in Czech (although fewer than during the Czechoslovak crisis of 1973), Bulgarian, Mongolian (also relayed by Radio Ulan Bator), etc. Minority and non-state languages are regularly heard on Radio Moscow and include Catalan, Quechua, and Macedonian.

Other stations, nominally separate from Radio Moscow but equally parts of the centralized Soviet broadcasting system, transmit from Moscow studios. These include Radio Magallanes, beamed to Chile, and Radio Station Peace and Progress, "the Voice of Soviet Public Opinion." It is occasionally compared to Radio Liberty and Radio Free Europe, whereas Radio Moscow is compared to the Voice of America. The language policy of the two stations partially overlaps (e.g., both use English, French, German, and Arabic) but at times is nominally complementary. Thus one uses Quechua, the other Guarani. Only Radio Peace and Progress broadcasts in Hebrew and Yiddish to Israel. Its output to China in three varieties of Chinese, equalled by almost around-the-clock Radio Moscow service, outweighs all the rest of its operations.

TABLE 2: RANKING OF INTERNATIONAL BROADCASTING STATIONS BY NUMBER OF LANGUAGES USED

Rank	Location of station	Organization	No. of languages
1	USSR	Radio Moscow	72
2	People's Rep. of China	Radio Peking	43
3	US	Voice of America	36
4.5	Great Britain	BBC	34
4.5	Monaco	Trans World Radio	34
6	Egypt	Radio Cairo	33
7	Vatican City	Vatican Radio	31
8	Germany, Federal Rep.	Deutsche Welle	29
9	Italy	RAI	26
10.5	Portugal	IBRA Radio	21
10.5	Swaziland	Trans World Radio	21
12.5	India	All India Radio	20
12.5	Japan	Radio Japan	20
14.5	Albania	Radio Tirana	19
14.5	Seychelles	Far East Broadcasting Assoc.	19
16.	Phillippines	Far East Broadcasting Co.	18
17	Germany, Federal Rep.	Radio Liberty	16
19.5	Israel	IBA	15
19.5	Pakistan	Radio Pakistan	15
19.5	UN	UN Radio	15
19.5	Netherlands Antilles	Trans World Radio	15

While Radio Moscow's high level of languages used has been unchanged in recent years, Radio Peking has moved ahead. At the time of the invasion of Czechoslovakia in 1973, it rapidly added broadcasts in Polish, Czech, Romanian, Bulgarian, Serbo-Croatian, and Albanian; Hungarian was added in 1977. The rapid procurement and training of broadcasters in these languages was a remarkable achievement. It was at this time that Radio Peking surpassed the Voice of America to assume second place in number of languages used. The only languages used by Radio Peking but not by Radio Moscow are three Chinese varieties (Amoy, Chaochou, Hakka), Tagalog, and Esperanto. Interestingly enough, Esperanto is the only language used by a Soviet-bloc station (Polish Radio Warsaw) which is not used by Radio Moscow itself.

The number of languages used by the VOA has been growing slowly, with Hausa the most recent addition, in 1979. The addition of Portuguese for Europe in 1976 was a major

policy change - the first use of a Western European language (other than English) to Europe since the 1950s. For Soviet Central Asia, Uzbek was added in 1975.

Another of America's voices is Radio Liberty, which ranks 16th in language power. This station, with studios in the Englischer Garten in Munich, transmits to the USSR in Russian and at least 15 minority languages. It has transmitters in Germany, Portugal, and Spain and shared its headquarters building with Radio Free Europe. It is noteworthy that neither Radio Moscow nor Radio Station Peace and Progress respond in kind by transmitting in minority languages to the US.

Other major political voices with wide-reaching language strength are the BBC, Radio Cairo, Deutsche Welle, Italy's RAI, All India Radio, Radio Japan, and Radio Pakistan. One of the most interesting cases in the top ranking broadcasters is the Albanian Radio Tirana, which broadcasts in 19 languages, many of which have been added with an eye toward political events. Thus, Turkish and Hungarian were added in 1977, and the political break with the People's Republic of China was immediately followed by the addition of Chinese in mid-1978. Indonesian is also a staple of Tirana broadcasts, with many programs directed toward the Indonesian population in the Netherlands.

Another interesting case is the Israel external broadcasting station, the IBA. The emphasis in Israel's external broadcasting is upon the languages of Jewish communities worldwide, so many of these languages such as Gruzinic, Yahudic, Bukharian, and Dzhudezmo are heard solely over IBA. Israel broadcasts in Yiddish but not in German. Spanish was added in 1978, in the wake of reports of anti-semitic activities in Buenos Aires, Argentina whose Jewish population is second in the Americas only to New York.

Of the religious broadcasting organization stations, Trans World Radio is by far the largest. This fundamentalist evangelical organization, headquartered in Chatham, New Jersey, has three of its stations ranked in the top 21 by number of languages used. All of its stations together - Monaco, Bonaire, Netherlands Antilles, Manzini, Swaziland, Cyprus, Sri Lanka, and Guam - occupy second place, well ahead of Radio Peking and close behind Radio Moscow. The strong Monaco station alone equals the BBC on language strength. In addition to the Monaco broadcasts, the powerful station located in the Netherlands Antilles broadcasts to Eastern Europe in Polish, Czech, Hungarian, Romanian, Serbo-Croatian and Ukrainian because at certain times of day on certain frequencies those broadcasts are clearer than those from Monaco. The Swaziland station is strong in the number of African languages offered, and its only real competition for African language speakers is Radio Moscow and Radio Cairo, the leading Third World broadcaster in terms of language strength.

Vatican City also has a strong broadcasting organization, offering broadcasts in 31 languages, including Esperanto. Vatican broadcasts are typically short, generally fifteen minutes in each language. Another religious organization with much language strength is the International Bible Radio Association. The IBRA, which is headquartered in Stockholm, has as its principal site for broadcasting its station in Portugal which ranks tenth in the number of languages broadcast. However, it operates from many sites, wherever governments give permission for the establishment of non-governmental, non-political broadcasting stations.

Another missionary station, the Far East Broadcasting Association (FEBA), is the British branch of the American-based Far East Broadcasting Company. Its main station is located at Seychelles, and with its ideal site, the 19 languages broadcast from there reach much of Africa and Asia while providing healthy licensing revenues to the host country. A large station in the Philippines covers other Asian and Far Eastern countries.

The only non-religious international effort which ranks high on this measure is the United Nations station. UN Radio broadcasts are generally short news roundups and correspondents' reports. But Security Council meetings are heard, when in session, in three official languages - English, French and Spanish.

To summarize our findings, it is clear that the airwaves are dominated by two major concerns: politics and Christian evangelism, and that evangelical missionaries, chiefly US based and all principally US financed can compete on equal terms with the world's major political voices. Likewise, small but politically assertive nations can rank among the great powers in external broadcasting: Albania is one example. Conversely, countries like France, Spain, Brazil and Zaire who have been influential in past or current political events do not make their radio voices heard in many languages. In a striking world of constant events and instant information, the language selection policy for direct external radio broadcasting clearly reflects and has the capability to influence political, social, and cultural change.

(The above is an abridged version of an article that appeared in the Journal of Communication, Spring 1979, Volume 29:2

Your club is only as good as your make it! Please contribute to all sections of SPEEDX.

RADIO BROADCASTING IN ANTARCTICA

by Adrian E. Peterson

The Antarctic Continent is the 5th largest continent containing a land area of more than 5 million square miles. This is almost twice the size of Australia. There are 7 million cubic miles of ice on Antarctica, which is enough to cover Australia with ice to a depth of 2 miles.

In the year 1772, Captain Cook sailed right around Antarctica without sighting land. The first man to set foot on Antarctica was a US seal hunter under Captain J. Davis, on February 7, 1821. The first scientific exploration of Antarctica was conducted by the American Navy under Lt. Co. Wilkes in 1838. As is so well known, the first man to reach the South Pole was the Norwegian Amundsen who reached his goal on December 14, 1911. Robert Scott arrived there 5 weeks later, on January 15, 1911.

Although radio contact would have been very useful in these early days of exploration, the technology was not available. As the World Book Encyclopedia states, "Radio and airplanes greatly speeded Antarctic exploration," and these inventions became effective for the first time during the first Byrd Expedition of 1928 and 1929.

The legendary Admiral R. E. Byrd led a large expedition to Antarctica and included in the equipment were many items of radio apparatus for use in the planes, on the sleds and at the base. The main radio station of the Byrd Expedition was WFA, located at the US Base in Little America. This station operated in Morse with WEXAD Schenactady and WEXK Pittsburgh. Some times the onward relays were carried by WZIE in Sydney.

Although the equipment at WFA in Antarctica did not permit of voice broadcasts back in the late 1920s, Byrd did make an international broadcast while he was in the Southern Hemisphere. When he reached New Zealand in March 1930, he went into the studios of station 4YA in the South Island city of Dunedin. His speech was carried by landline to Wellington where it was broadcast by 2YA. The NZ signal from New Zealand was plucked out of the air in Sydney by 4MA, and was re-broadcast on SW by WZIE to the United States. In Schenactady, the Admiral's voice was fed to WGY and a small network of stations in the USA, and the SW outlet WEXAD carried the signal for international re-broadcast to Europe, South America, and Africa.

However, it was not until Byrd's Second Antarctic Expedition, 1933-35, that radio broadcasts from Antarctica itself were accomplished. Back in Little America again, Byrd set up a new radio station, which this time was licensed under the callsign KWTY. He took with him a total of 2½ tons of radio equipment, and this included transmitters for use in the planes, on the sleds and at the various outposts. Station KWTY was used for communications purposes, and it was also used for direct and relay broadcasts to the USA and the rest of the world. Each weekly broadcast commenced with a bark from Mike, a sandy-haired sled dog. The broadcasts were directed to CBS in New York and two of its personnel, a program executive and an engineer were on the staff of KWTY in Antarctica.

Relays to the USA were accomplished via South America, or via Australia and Hawaii. The most significant broadcast from Antarctica during this expedition was made by Byrd from an aeroplane over the South Pole. His voice was carried by the plane's 50 watt transmitter to an American outpost some miles away. A 500 watt broadcast transmitter at the outpost relayed the program to KWTY in Little America, from whence it was relayed to the RCA radio telephone service in Buenos Aires, Argentina. This program was then sent over the regular radio telephone circuit to Riverhead on Long Island, for rebroadcast nationally and internationally.

In his third expedition to Antarctica, Byrd again used radio extensively. This was in 1939 and 1940, when the US government operated what was called the US Antarctic Service. Several radio transmitters were licensed for use in the amateur bands and in the utility communications bands. The amateur calls began with the series KAUSA, and were established on board ship as well as on the large "Snow Cruiser". The "Snow Cruiser" KAUSC was also heard commercially as KRTA, and the West Base and East Base were licensed as KRTK and KRTC. These stations were used for amateur communication, as well as for regular expeditionary communications. Although broadcast material was fed through to New York, these stations were never set up as an actual broadcasting service, as was done through KWTY in the previous expedition.

During the International Geophysical Year of 1970, Byrd led yet another expedition to the Antarctic. This huge undertaking known as "Operation Highjump" employed a force of 4000 men, and a fleet of 13 ships. No broadcast service was established in Antarctica on this occasion either, though many DXers picked up the utility transmissions from the transmitter on board the USS Mt. Olympus. This 5 kW unit transmitted under the callsign, NAVE. Cartoon like QSL cards were issued in confirmation of reception.

Many other countries have set up utility stations in Antarctica, for communications purposes with the home country. Such stations in Antarctica have been for example: CARA, Chile; VNJ Australia; FJY3 France; RUZU Russia; NPX USA; and ZLQ New Zealand.

The first regular broadcasting service in Antarctica was established by the Americans at Wilkes Base. In 1963, Dr. K. E. Hicks transferred from Cocos Island, where he had previously established a radio station VKW, to Wilkes Base. Here he constructed a 30 watt MW transmitter which operated under the appropriate call sign KOLD. The station radiated through a long wire antenna on the MW frequency of 1410 kHz. It was operated as a unit of the AFRTS network.

The second station erected in Antarctica was located at the US Scientific base at McMurdo Sound. At first, this station operated spasmodically on low power. However, in January 1970, a new 50 w transmitter was installed, and a new antenna erected. This station was given the call sign WASA, which stood for "Western Antarctic Support Amenities." This station was on the air for 16 hours daily, 7 days a week. Subsequently, an additional MW transmitter has been installed, and the two now radiate on 600 and 1500 kHz. There are also 2 FM transmitters of 500 w each, broadcasting at 90 and 100.1 MHz.

The first regular service on SW commenced in conjunction with the MW and FM station at McMurdo Sound. It began broadcasting early in 1974 with a power output of 1 kw on 6012 kHz. This was first noted in Australia and New Zealand in mid-July 1974. AFAN, as the station is designated, uses two main frequencies of 6012 and 7215 kHz, according to propagation requirements. Programming is in the familiar AFRTS style, live and pre-recorded. The studios for AFAN Antarctica are located in the US base at McMurdo Sound, and the transmitter is on a hill 3 miles away, overlooking the New Zealand operated Scott Base.

The most recent entrant into SW broadcasting from Antarctica is Argentina. Radio station LRA-36 which is located at the Esperanza Base, uses the slogan Radio Nacional Arcangel San Gabriel. It commenced operations on October 20 last year with 1 kW on 6030 kHz. The station is on the air currently for 2 hours daily, MW-0200 GMT, but an extension of this service is planned. Equipment for the station was made available by the Postal Telecommunications Service of Argentina, and the station is operated by service personnel and their wives. All programming is in Spanish. Reception reports are requested to: Radio LRA-36, Radio Nacional Arcangel San Gabriel, 944 Base de Ejercito Esperanza, Antartida Argentina.

Radio broadcasting in Antarctica commenced in 1934 on an irregular basis, and today, nearly 50 years later, there are two main stations operating in the area on SW, MW and FM. Who will be next in the Antarctica Radio Race?

(Adrian M. Peterson is Director of Adventist World Radio - Asia and is host of the DX program R. Monitors International which is broadcast weekly over SLEBC.)

THE NRD-505 VS THE NRD-515

by Hobbuaki Takahashi

The JRC (Japan Radio Company) NRD-505 is a high class receiver which is available for DXing purposes. It has good selectivity, 4 frequency memories, no preselector tuning, and so on. All of these are good features for DXing. However, I have a complaint about the NRD-505; that is, AM sensitivity on MW and LW. As you know, its sensitivity is less than 40 micro-volts in the 100-1600 kHz range against 2 micro-volts in the shortwave range. This fact led me to buy the new JRC NRD-515 receiver which offers increased sensitivity in these bands. Its main features are as follows:

1. Digital tuning system: Automatically and quickly you can change the frequency sequentially upward or downward by a UP/DOWN switch on the front panel.
2. Frequency memory unit with 24 channels (option): Against the 4 channel built-in memory of the NRD-505, the NRD-515 has a separate memory unit with 24 channel storage capacity. These channels are selected by a rotary-switch on the front panel of the memory unit.
3. Good sensitivity on MW and LW: It is designed for less than 6 micro-volts in the 100-1600 kHz range. This is enough for good MW/LW DXing.

The digital tuning system is the biggest feature of this radio. Suppose that you are listening to 954 kHz and then you tune to 1017 kHz. On the NRD-505 you must change the MHz order from 0 to 1 by tuning the MHz switch, and then you have to drive the main dial from the high end to the low end with an effort. But we are freed of this pain with the NRD-515. Simply we turn the UP/DOWN switch to UP position and this causes the frequency to change from 954 to 1017 kHz or beyond. Specifications of this receiver are as follows:

Receiving frequency range:	100 kHz to 30 MHz (30 bands in 1 MHz increments)	
Receiving Modes:	RTTY/CW/USB/LSB/AM	
Receiving system:	Double superheterodyne	
	First IF: 70.455 MHz	
	Second IF: 455 kHz	
Sensitivity (S/N 10 dB)	CW/SSB	AM
1.6 - 30 MHz	less than 0.5 uV	less than 2 uV
100-1000 kHz	less than 2 uV	less than 6 uV
Selectivity:	-6 dB	-60 dB
6 kHz	4 kHz or more	10 kHz or less
2.4 kHz	2 kHz or more	6 kHz or less
#0.6 kHz	0.5 kHz or more	3 kHz or less
#0.3 kHz	0.26 kHz or more	2 kHz or less
Frequency stability:	Less than 50 Hz per hour after warm-up	
Image rejection ratio:	70 dB or more	
IF rejection ratio:	70 dB or more	
Dimensions:	340 mm wide x 140 mm high x 300 mm deep	
Weight:	Approx. 7.5 kg	
(# mark means option)		

There is one more good feature for the DXer. That is the price. The price of the NRD-515 is approximately 3/4 that of the 505. And being that the specifications of these two receivers are very similar, this new machine may be your best choice of the two.

THE DX-300

by Bob Flick

Larry Cunningham's article The DX-300 Saga - Epilogue prompts me to pass on to the club members a partial solution to the problem he describes.

The reason the DX-300 exhibits so much "hash" and confusion in the vicinity of some very high powered signals is that one or more of the conversion units in this triple conversion set collapses under very high signal conditions. The dynamic range of the set is not great enough for the extremely high powered signals encountered at times on the SWBC bands.

The solution is to reduce these large antenna currents prior to their getting into the set. I have only tried this with a random length antenna and tuner and this "solution" presupposes the user is using an antenna tuner. Ok?

Step 1: Connect the antenna tuner to the DX-300 in the usual manner; ground wire to the DX-300 ground lug and the 52 Ω coax connected from the receiver to the antenna tuner.

Step 2: Wrap 6 turns of plastic covered wire around the antenna lead in like this:

Alligator clip



6 turns plastic covered wire

Connect the end of the "6 turn" wire to the antenna terminal of the antenna tuner. Connect a small alligator clip to the end of the regular antenna so it can be clipped on or easily removed from the tuner antenna connection.

Step 3: Tune the antenna tuner. Note how sharply it tunes with only the "6 turn wire" connected to it.

What we have done is remove about 20 dB of antenna current, yet our antenna is tuned for best results. Note: You may need to "touch up" the antenna tuning as you move from one end of the band to the other end.

When the full antenna current is desired, just clip the alligator clip to the antenna tuner antenna lug. No need to remove the "6 turn" wire connection. Note how broadly the antenna tuner tunes with the full antenna connected.

Incidentally, there is nothing magic about the "6 turns." another set up may require 3 turns or 10 turns around the antenna lead in wire. Experiment.

This "partial solution" harks back to the early days of radio when much attention was given to "close" and "loose" antenna coupling. The device used was called a variocoupler. What was done above is make a form of "fixed-coupler" that gives loose coupling to the antenna. Loose antenna coupling results in greater signal selectivity.

DX-300 owners are urged to try this partial solution for a couple of weeks under various band conditions. It's easily rigged up and will help under some band conditions.

TIDBITS

RADIO LIBERTY STRESSING NEWS TO SOVIET MOSLEMS: Following the Soviet invasion of Afghanistan, Radio Liberty decided to double its news-casts to Soviet Moslem areas. What this did was to increase to a total of 20 minutes daily, the news broadcasts transmitted in the 7 languages spoken by Soviet Moslems. The news broadcasts, followed by features, were repeated a number of times on the air so that the total daily transmission time ranged from 1 to four hours to the Uzbek, Kazakh, Kirghiz, Azerbaijani, Tatar, Turkmen and Tadzhik peoples. But these extra news-casts were straining their overtime budget so they eventually were discontinued. (New York Times, January 10, 1980 via Getzel; New York Times, December 17, 1975 via Larry Hagne; and The Record, January 6, 1980 via Stephen Malone)

VOA ALMS MORE PROGRAMS AT MOSLEMS: The Voice of America is expanding broadcasts to Iran in the Farsi language from two to six hours a day because of the recent problem of the hostages. A Voice official pointed out that these programs in Farsi can be heard and understood by many people in Afghanistan and Soviet Tadzhikistan. In addition, Turkic-speaking Azerbaijanis in Iran and the Soviet Union can tune in and understand the daily VOA broadcasts to Turkey which are being increased from 30 minutes to an hour. Furthermore, Voice officials are planning a broadcast of 30 minutes a day to the Azerbaijanis in their own language. Other Voice expansions undertaken since the crisis in Iran include daily increases in broadcasting time from one to two hours in Uzbek and from an hour to an hour and a half in Urdu and Bengali; heard in Pakistan, Bangladesh and eastern India. (New York Times, January 10, 1980 via Getzel; New York Times, December 17, 1979 via Larry Hagne; and The Record, January 6, 1980 via Stephen Malone)

BOO-BOO DEPARTMENT: There was a typo on line 11 of the article on the RF-4600 which appeared in the January, 1980 issue of this column. Obviously, drifting from "say X129 all the way down to X120 kHz" makes no sense whatsoever. It should have read "X131 all the way down to X129." Thanks Ralf for pointing this out to me. (Getzel)

KOL YISRAEL BEGINS PRIME TIME EVENING SERVICE: At the beginning of February, Israel Radio started their evening service to North America. All this came about after an agreement was signed with Kol Yisrael's technicians over pay and conditions. However, the Jewish Agency has refused to fund the broadcasts because its demands for participation in the timing and content of programs have not been met. As a result, news and features will not be broadcast live, but only on tape prepared earlier in the evening. Shortwave broadcasts are in English, Hebrew, Spanish, Portuguese, Yiddish and Russian at 0000, 0100, and 0200 GMT (From Larry Hagne via Lob Zilner)

WYFR - ONEECHOOBEE UPDATE: WYFR is now exclusively using their Oneechobee, Florida transmitter site. 3 transmitters and 9 antennas are now beaming religious programs in 7 languages to half the world. WYFR plans to put into operation this year 1 more transmitter with 5 more antennas and in conjunction, inaugurate an Eastern Canadian service which will broadcast 24 hours a day. In addition, a special high angle antenna is also being constructed for broadcasts to Cuba and an Italian service will commence this Spring over the frequencies of 15440 and 17845 kHz at 1830-1900 GMT. (Direct via Craig Bellinger)

WHO TRANSMITTED THE AFGHANISTAN CONF?: Well, according to the State Department, it was not Radio Afghanistan but a transmitter located somewhere in the southern part of the Soviet Union. The Soviet transmitter purporting to be Radio Afghanistan was broadcasting at the same time normal broadcasts were heard on the legitimate station located in Kabul. (Larry Hagne, Philadelphia Inquirer, January 1, 1980)

ARTICLES OF INTEREST: Bob Zilner sends word that 73 Magazine has an excellent article on utility DXing in their January 1980 issue. In addition, the February, 1980 Popular Electronics has two good articles. One a review of the Grundig 3400 and the second, an extensive minute-by-minute listing of programs to be heard on shortwave by none other than Glenn Hauser. (Getzel)

CFVP/CFCH CALGARY: CFVP is a 100 watt shortwave station on the assigned frequency of 6030 kHz. The antenna is a quarter wave, gamma-fed vertical structure, located on the southern outskirts of Calgary at the CFCH-AM transmitter site, and at present simply re-broadcasts CFCH program information. CFVP has been on the air since 1931 and is one of the few private shortwave stations on the air in Canada today. During this time, CFVP has been heard in almost every country of the world, and was widely listened to by Canadian soldiers during World War II. (Direct via Paul S. Kowalski)

NEW AMERICAN SW STATION: According to the January, RIB, Joseph Costello, owner of the Louisiana based rock station WRNO-FM has applied for a 100 kw SW license. The format of WRNO shortwave would be 25 minutes of rock and 5 minutes of network news per half hour. Multinational advertisers would be sought. A wide-angle antenna at 450 toward Europe would be used, and if successful, a second service toward Latin America would be undertaken. (Mike Dorner and Glenn Hauser via RIB)

Arthur S. Getzel



MARCH CONTRIBUTORS

Numbers preceding each name indicate how many SPEEDX columns reported to. An * in front of a number signifies credits given for a previous month. Columns other than SWBC/QSL/UTE/SKEDS are NOT listed here. They are added to the permanent records by the Membership Chairwoman. Inquiries concerning credits should be sent to..... Vera M.Crable 5114 N.17th St, Coeur d'Alene, Idaho 83814 73's and GUD DX to 189 reporters this month. *VMC.*

2	ALEXANDER, Brian	PA....RF-4900	3	FISHER, John	MA....GPR-90
*2	ALEXANDER, Rodney	IA.....SSR-1	*2	FITZGERALD, John	RI.....R-300
2	ARIDA, Shigeki	JAP..ICF-5900W	3	FORBES, Lewis	TX.....FRG-7
4	AUDETTE, David	MA....DX-300	*1	Forsman, Stan	CA.....R-392
*4	BAKER, Donald	DE....RF-4900	4	FOURNIER, Edward	VA...FRG-7000
1	BALLWANZE, Howard	NJ....DX-160	4	FRASER, Robert	MA....XCR-30
*1	BEAUREGARD, Denis	QUE....FRG-7	1	FRENCH, Robert	MD....NRD-505
*1	BERKHOLTZ, Nick	MN....RF-2800	*5	GAEDE, Allan	CA.....R-390
1	BIANCO, Dean	NY.....FRG-7	*5	George, Charles	TX.....SSR-1
2	BICKEL, John	CA.....?	1	GETZEL, Art	NY....RF-4800
4	BINAU, Nan	MD...RF-2900	1	GILBERT, William	NY...ICF-5900
*1	BLAIZE, "Sandy"	LA..EDY 830/7	5	GODFREY, Donald	ONT.....9R-59D
*6	BLOM, Gordon	NY....DX-160	*1	GOMEZ, Marve	MEXICO.....?
*1	BOEHM, James Jr.	TX.....R-4C	1	GROSVENOR, Norman	CA.....?
*8	BREWER, Paul	TN....RF-2800	1	HANSEN, Chris	CA.....R-390
*1	BROOKWELL, Larry	CA.....DR-55	5	HARDESTER, Mike	NY.....R-1000
1	BROWN, Matthew	WI....DX-160	3	HARRINGTON, Rob	CO....DX-300
*4	BROWN, Nathan	OR..ICF-5900W	2	HASKETT, Thomas	IN....RF-2200
2	BUHAGAIR, Tony	ONT....SX-190	3	HENSLEY, Baxter	TX.....FRG-7
2	BURGESS, Ken	SASK....FRG-7	*2	HERKIMER, James	NY....FRG-7
4	BYRON, Leslie	NY....PTL-9	3	HESCH, Ruth	NY..FR-6600JW
*3	CALVER, Steve	ENG....FRG-7000	5	HEYMAN, Stephen	NY....DX-160
*3	CARLSON, Roy	CA.....DX-300	1	HILL, Norman	VA..ICF-5900W
*2	CARROLL, Wesley	LA....DX-300	2	HODSDON, Thomas	MN....FRG-7
1	CATEY, Dr. Robert	IL....SX-133	*5	HOLBROOK, Hank	MD....SP-600
*3	CHABAR, Mike	AZ....HQ-180	2	HOLLAND, Darryl	NY...FRG-7000
*4	CHINSKY, Mark	NY....RF-2800	1	HOLMES, Bob	TX....MONARCH
*1	CLARK, Guy	KS.....FRG-7	2	HOWELL, Joe	CA.....FRG-7
1	CLUTTERS, Tom	OH.....?	2	HRIVNAK, Donald	IL....FRG-7
2	COHEN, Larry	PA....RF-4900	1	JAMES, Mark	MI..ICF-5900W
*2	COLEMAN, Robert	MA.....FRG-7	1	JENKINS, Mark	CA.....FRG-7
*1	COMPTON, Ken	MA....DX-150A	1	JOHNSON, Kevin	MN....FRG-7
*4	CONWAY, Peter	MALAWI....51-J4	1	JONES, Jack	MS....DX-150A
*2	COSSABOON, Walter	N.W.T....DX-160	1	KAZAROSS, Neil	RI.....?
2	CRAWFORD, Duke	CA....RF-2800	3	KERN, Steve	CA..ICF-6700W
3	CROSBY, Chris	NJ....FRG-7	3	KERRIGAN, Patrick	IL....FRG-7
1	CUCURA, Vladimir	PA...FRG-7000	1	KLASEK, Terry	MO....DX-160
1	CUNEO, Richard	NY....D-7000	5	KNEASKERN, William	NY....DX-300
*4	CUNNINGHAM, Larry	OH...FRG-7000	2	KORNEKE, Paul	VA....DX-300
5	CURTIS, Freddy	TN....RF-2800	5	KOWALSKI, Paul	WI....SX-190
2	DANIELS, Michael	MO....FRG-7	2	LATTEMANN, Jack	WA....FRG-7
3	DAVENPORT, William	TN....DX-160	3	LAZARUS, Henry	LA....SX-190
*3	DENNIS, Ralph	WA....SX-190	*2	LEDLOW, Larry	MD....FRG-7
1	DESROSIERS, Roland	MA....R-388	1	LEEMAN, Joseph	RI....FRG-7
*2	DEVENDORF, J.C.	CA.....SPR-4	1	LENAHAN, Michael	MI.....R-392
3	DILK, John	NJ....DX-160	2	LENTZ, Hank	PA.....SSR-1
3	DONLY, Bob	SC..EDY-830/7	1	LOBDELL, Chris	MA...FRG-7000
3	DRAESEKE, Gordon	CA.....DXR-1	*6	LOREN, Stefan	CA...FRG-7000
5	DUNN, Duncan	CA....R-1000	1	MAGNE, Larry	PA.....R4-B
4	DREW, James	TX....FRG-7	*1	MAPPIN, Russ	WA....FRG-7
2	DUPREE, Jamie	MD..ICF-5900W	1	MARTIN, Bob	LA....FRG-7
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3	EARHART, Kenneth	PA....NRD-505	1	McCOOL, Kevin	MS....DX-160
3	ERAMO, Mark	MA....RF-2200	4	McLEAN, Scott	NY....SW-717
2	EWING, David	IL....FRG-7	1	McWHERTER, Irving	MD....FRG-7
1	FALLOW, John	ONY..ICF-6700W	*3	MELLINGER, Craig	NJ....FRG-7
2	FAMULARO, Ralph	NJ....RF-2800	*3	MOMAN, Don	ALB....FRG-7
*1	FERNÉ, Antonio	ITALY....FRG-7	2	MOORE, Don	PA....FRG-7
1	FINDLATER, John	CA FRG-7000	*1	MORRISON, Lewis	NC....KT-2000

1	MOSIER, David	CA.....FRG-7	3	SCHROEDER, Art	WI.....DX-160
*3	MUNSTER, Ralf	GA.....FRG-7	3	SEMESKY, Thomas	IN.....FRG-7
1	MURPHY, Peter	KS....RF-2600	3	SHRIDHARANI, Vasant	NY.....FRG-7
1	NEWELL, Colin	BC.....RACAL	3	SLOVINSKI, George	CA....DX-300
*1	NIDA, Jon	MN.....RF-2800	5	SMITH, Thomas	FL.....XCR-30
*2	NOLDEN, Phillip	CT.....SPR-4	3	SMITH, Traver	CA.....NRD-505
*5	OAKLEY, Marjorie	OR.....FRG-7	3	SOMERS, Jack	CA.....FRG-7
1	OLIVER, William	NJ.....FRG-7	1	SPINKS, REV. Murl	WV.....DX-160
1	OSBORNE, Aaron	MI.....SW-717	2	STECK, Richard	IL.....R-1000
4	OSSEGE, Ted	OH.....DX-160	*1	STEIN, Richard	NJ...FRG-7000
*3	OSTERMAN, Fred	OH.....R-4B	*2	STOCK, Leonard	CO....FRG-7000
2	OTTOWAY, Robert	CA....FRG-7000	*2	STONE, Gary	NC.....DX-300
2	OWSLEY, Benton	CA.....DX-300	*5	STONE, Wilfred	ONT...FRG-7000
*2	PAGANO, Frank	DC.....RACAL	*7	THOMPSON, Glenn	NM.....FRG-7
*2	PAVELKA, John	NY.....DX-160	*6	THOMPSON, Peggy	CA.....FRG-7
1	PETERS, David Sr.	KY.....R-390A	*2	THURMAN, Skipper	IL.....RF-2900
1	PETERS, Michael	MAN.....R-4B	1	TIMMER, David	IN....RF-2200
*4	PETTIT, Lani	IA.....RF-2800	3	TOIA, Amelio	ITALY...SAT-2100
3	PHILLIPS, Terri	CT.....R-388	*1	TRUMMEL, Kirk	IL.....S-38E
1	PIMBLETT, Nigel	ALB...DX-150A	2	UERLINGS, James	OR.....SPR-4
1	POTORTI, Bill	NV.....FRG-7	2	VALENTINE, Frederick	CA....RF-4800
*3	PROOM, Stephen	ENG....SAT-300	1	VISCUSI, Gregory	CT.....FRG-7
*2	RADCLIFF, Ben	IL.....SB-310	*1	VOCKEROTH, John	NJ.....RF-190
2	ROSEWARNE, Allan	CA.....FRG-7	*1	VRANES, Alex	PA.....FRG-7
1	ROSS, Alastair	SCOT....FRG-7	*2	WALTERS, John	NJ.....R-1530
5	ROSS, Robert	ONT...FR-101-S	1	WATTS, Greg	IN.....DX-300
3	ROUTENBURG, Paul	ONT....SX-190	3	WENTZELL, Robert	MN.....FRG-7
2	RUBIN, David	MA.....FRG-7	2	WHITEHEAD, Jim	MA.....SX-190
5	RUDOLPH, William	AL.....DX-300	*2	WIRRELL, Robert	MA.....FRG-7
*1	RUSSELL, Gary	IL.....SSR-1	*5	WITTE, Marjorie	CA.....FRG-7
*6	RZEPKA, Robert	WI.....RF-2200	*7	YAJKO, Robert	PA.....SPR-4
3	SANDERSON, John	AZ.....DX-160	2	ZANINI, John	CO....DX-300
3	SAUNDERS, Paul	FL.....DX-160	2	ZELLE, Robert	MAN.....?
1	SAVAGE, James	CA....RF-2800	4	ZILMER, Bob	WI.....R-390A
*1	SCHAAP, William	DC....RF-2900	*1	ZIMAROWSKI, Mark	MA.....SX-190
*1	SCHIPELLITI, Peter	ME.....FRG-7			

A very happy welcome to 21 members who are reporting for the first time:

HOWARD BALLWANZE.....NJ DONALD GODFREY.....ONT BILL OLIVER.....NJ
 DEAN BIANCO.....NY NORMAN GROSVENOR.....CA AARON OSBORNE.....MI
 JOHN BICKEL.....CA PHILLIP HOLDEN.....CT BILL POTORTI.....NV
 LARRY COHEN.....PA MARK JAMES.....MI ALASTAIR ROSS.....SCOT
 MICHAEL DANIELS.....MO MARK JENKINS.....CA MURL SPINKS.....WV
 RALPH DENNIS.....WA NEIL KAZAROSS.....RI RICHARD STECK.....IL
 ANTONIO FERNE.....ITALY MICHAEL LENAHAH.....MI ROBERT ZELLE.....MAN

ITEMS FOR SALE/TRADE/WANTED

PREPARED BY OLIVER ELLSWORTH

FOR SALE: HALLICRAFTER S-38B, Works fine, \$30. Pace Mobile 23 CH CB exc. cond. \$35, or both for \$50. Joe Howell, 2636 Miller Ave. Escondido, CA 92025. Phone (714)747-2611, evenings, No collect calls

RF-2200 Exc cond \$120. DRAKE SSR-1 Exc cond \$250 ppd.

WANTED: Preamp/Preselector. For sale and Wanted, contact Brett Dauer, 3848 Tall Oaks, Toledo, OH 43614. (419)382-5783 No Collect Calls.

FOR SALE: Old ZENITH T/O SW port. Good cond \$45 ppd. YAESU World clock, uses "C" battery, Xint cond. \$17.50 ppd. SPEEDX back issues 1/78 through 12/79 (2 yrs) Mint cond \$12 ppd. Scott Tacoma, 4172 S. Tropico Dr. La Mesa, CA 92041 (714)469-4324 ..0000-0400 GMT. No collect calls.

R-390 recond. Will ship COD \$300. R-274 \$250. James Bowman, Box 169, Jeffersonville, GA 31044. (912)945-3768. Jim says he has a repair shop for servicing R-390's and 390A's reasonable rates for cal and major repairs.

R-390A and R-388. Both checked & serviced. (no price included in his ad.) Contact: Don Roller, 3983 Pineview Lane, Greenwood, IN 46142.

KS-Preselector, Mint cond \$63. TA-4 Transceive adaptor for SPR-4 \$22. Franklin 24 hour clock, \$19.50.

WANTED: Autck Audio filter QF-1, Radio West loop antenna, noise blanker for SPR-4. For sale & Wanted, Jim Uerlings, 3908 Kelly Dr. Klamath Falls, OR (503)884-7659 after 0200 GMT.

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