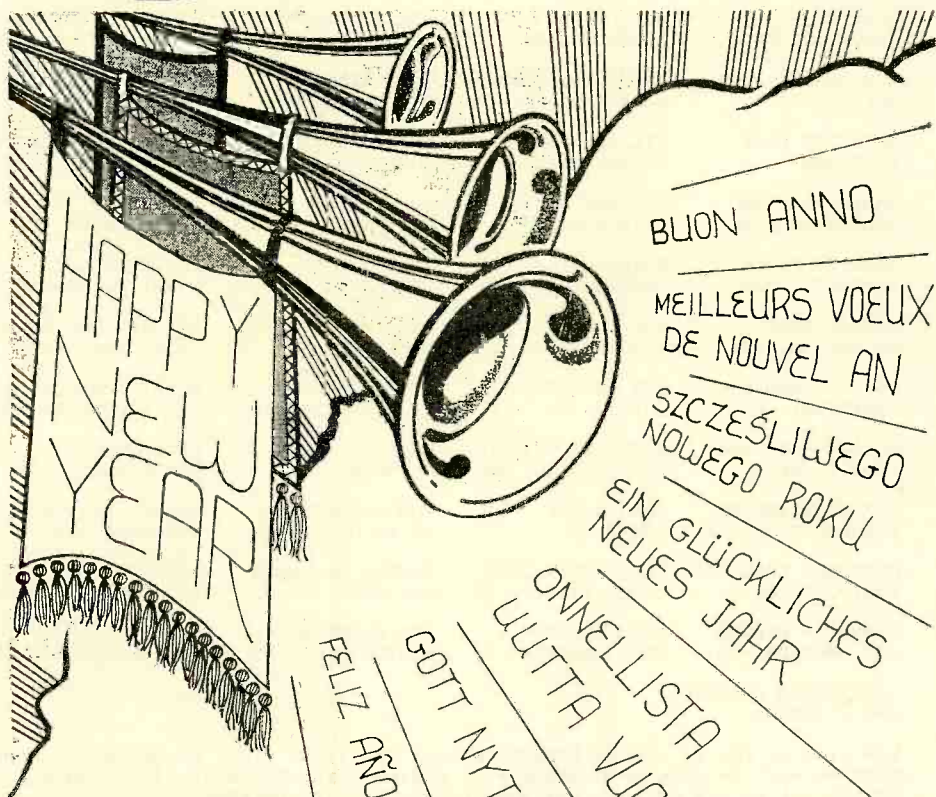


SPEED X

*the dx radio magazine
for active shortwave listeners*



BUON ANNO

MEILLEURS VŒUX
DE NOUVEL AN

SZCZĘŚLIWEGO
NOWEGO ROKU

EIN GLÜCKLICHES
NEUES JAHR

ONNELLISTA
UUTTA VUOTTA

FELIZ AÑO NUEVO

GOTT NYTT ÅR

1980

JANUARY

Vol. X

No. 1



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 8 NEW FULL MEMBERS

CHARLES CONNELL FORT BRAGG, CA	TERRY KLASEK ST. LOUIS, MO	PAUL KOWALSKI MILWAUKEE, WI	NICHOLAS BERKHOLTZ MINNEAPOLIS, MN
STEFAN LOREN TARZANA, CA	LARRY McKINNEY ADAMSTOWN, PA	SCOTT STREIKER SUQUAMISH, WA	LAWRENCE WAGNER CAMP HILL, PA

Certificates of Full Membership and a copy of the SPEEDX constitution were mailed to each of the above in December 1979.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

JOHN RICH COLUMBIA, SC	GARY RUSSO BROOKLYN, NY	HENRY TURNER LYNDON, KY	MICHAEL BITTNER MANHATTAN BCH. CA
C.W. BAILEY HOLDEN, MA	JAMES CAVANAGH JR PALATINE, IL	TOM KNEITEL SMITHTOWN, NY	WILLIAM KINSLAND DAHLONEGA, GA
ALASTAIR ROSS SCOTLAND	WILLIAM KRAFT KANSAS CITY, KS	WARREN DeRING COLONIA, NJ	ROBERT WAITORWICZ WOONSOCKET, RI
JAMES MARQUAND BELLINGHAM, WA	LYBRAND SMITH TORRANCE, CA	AL NEWMAN BLUE BELL, PA	ALEX WOOD B.C. CANADA
MIKE LENDEMER RANDOLPH, NJ	ROBERT KING VERONA, PA	JOHN BICKEL TORRANCE, CA	ROBERT ZELLE WINNIPEG, CANADA
DONALD BAKER MILLSBORO, DE	BOB DURSO KINGSTON, NH	MERVIN SMITH DENVER, CO	MICHAEL McKINSTRY ARLINGTON, VA
NEIL KAZAROSS PAWTUCKET, RI	JON BEUILACQUA QUEENS, NY	JAMES SILLARS DES MOINES, IA	WINSTON MITCHELL LK. ARROWHEAD, CA
MAKOTO KOBAYASHI KYOTO, JAPAN	LAWRENCE WHEELER MINNEAPOLIS, MN	CHARLES DAVIS DEMOREST, GA	DAVID MILLER NATRONA HTS. PA
GORDON DRAESEKE BAYWOOD PARK, CA	JOHN MCGEE ROME, NY	TOM GALLAGHER EL PASO, TX	GEORGE SLOVINSKI TORRANCE, CA
MURAKAMI KEIICHI TOKYO, JAPAN	DAVID BLEMASTER YUCCA VALLEY, CA	HOWARD BALLWANZ LAKEWOOD, NJ	RON ROBINSON ST THOMAS, CANADA
PATRICIA FIELDS LOS ANGELES, CA	IAM MILLETT WEST INDIES	LEE SIDONS WINTER PARK, FL	DARRYL BOOM HUNTINGTON BCH.CA
HEIHACHIRO OKAMOTO ONT., CANADA			

How nice of you to choose SPEEDX as your Shortwave club. We certainly hope that we will be able to enhance your pleasure in shortwave listening and DXing. All we ask is that you support the various editors.

CENTRAL DISTRIBUTION EDITOR

The CDE has been established for your convenience. Bob Zilmer, P.O. Box 697, Milwaukee, WI has been designated to forward your "goodies" to the respective editors. We remind you that his deadline is the 7th of the mo. If you are too late to meet his deadline, mail directly to the editor, his deadline is the 12th of the month

HAPPY NEW YEAR-WE HOPE THAT 1980-BRINGS YOU MANY HOURS OF EXOTIC DXING.

SPEEDX SUBSCRIPTION FEES

As of January 1, 1980 the annual fee for new members is \$14.00 in North America. Members may renew (regardless of their expiration date) for a period of one year at the \$12.00 rate prior to July 1, 1980.

Due to a mix up between HQS and the publisher, some members received a renewal notice with their December issue showing the annual rate as \$14.00.

The correct fee until June 30, 1980 is \$12.00. All members who sent \$14.00 have been given a 14 month renewal in place of 12 months.

NEW BOARD PRESIDENT

Congratulations are in order. John Trautschold has been elected by the BOD to be their chairman for the next two years.

HAPPY NEW YEAR

Allan Gaede, Ivan Grishin, Ruth Vollrath and Clyde Hunter's donation to the HAP Christmas fund, reached us to late, to include their names on the December Christmas page, so we take this advantage to wish all of you a Happy New Year for Allan, Ivan, Ruth and Clyde.

SPEEDX also wishes you a Happy New Year, and a 1980 filled with lots of good DX for all DXers through-out the world.

HANDICAPPED AID PROGRAM

HAP-US is in need of a volunteer with bookkeeping and accounting expertise to donate a couple of hours a month on the HAP books. If qualified and interested, contact the HAP Director, Wayne Davis, 27 Cleveland Ave, Trenton, NJ 08609.

HAP is a program to assist the disabled in the radio listening hobby by providing free or discounted hobby material, from radios to club bulletins, and to assist the HAPpie whenever possible.

KENWOOD R-1000 REPORT

Rob Harrington, 3181 S. York St., Englewood, CO 80110, reports that he attended the ASWLC work shop meeting in Huntington Beach, CA on December 1 '79 and had the opportunity and pleasure of trying out the R-1000 that was on display. Rob's report is as follows:

Selectivity is better than my Realistic DX-300 when the narrow position is used. The wide position is no good for shortwave listening. Readout is much better than the DX-300. The Readout is in green, works great on 16, 19, 25 and 31 Meters. The only bands tried at 1700-1800 GMT.

Harrington also reports, that ASWLC and SPEEDX members may purchase the rig for \$400.00, which is a discount price from HAM Radio Outlet, 2620 W. La Palma, Anaheim, CA 92801. Direct your correspondence to Jim Rafferty.

Rob ends his report with: I am going to buy a Kenwood R-1000 in January or February 1980.

USSR HIGH FREQUENCY NEWSLETTER

\$3.00 will bring you 10 issues of the UHN. Publisher, Roger Legge, Box 232 McLean, VA 22101, USA. The Newsletter lists the USSR frequencies and known transmitter sites together with various tips.

WORLDWIDE TV-FM DX ASSOCIATION

WTFDA is offering a free copy of their brochure for a self addressed stamped envelope. \$1.00 for a sample copy of their VHF-UHF Digest. WTFDA P.O. Box 97, Calumet City, IL 60409

PHYSICIANS' RADIO NETWORK

Robert Fraser, P.O. Box 501, Cohasset, MA 02025, sends us a very interesting item in regards to PRN-Physicians' Radio Network, which we pass on to you through the pages of Keynotes. The article ends, with Bob asking a few questions, that I too would like to see answered.

While in the Doctor's examination room recently, I noticed the radio he had on was tuned to a different station than the usual musical format of the one in the waiting room. At first, I thought it was a program of a local AM station which broadcasts nothing but news 24 hours a day. But the longer I listened, I realized that it was something different.

All of the news items, interviews, and even the ads were to do with medicine, or medical procedures. Time was given as "--- minutes past the hour" with no hour specified. Nor was there any call letters, just the identifications of "PRN" or "Physicians' Radio Network". It sounded quite similar to certain broadcasts of the American Forces Radio & TV Service on short wave.

Once my problem was taken care of, I asked the doctor about this unusual broadcast. He gave me a few minutes of his extremely limited time to tell me a little about it. He first showed me his receiver. It resembled a miniature FM tuner or a single band police monitor and had a swivel telescoping dipole on the back. The front panel had only two knobs. One was the on-off-volume switch and the other appeared to be a fine tune control. I could see no brand name on the radio but on the front in script were the words: "Physicians' Radio Network". The radio was tuned to 107.9 MHz he said. I saw no frequency dial or any other visual readout so I would say that it was crystal controlled. He mentioned something about other channels but I couldn't delay him any longer so I cannot say whether he meant the radio could tune to other stations or that the Physicians' Radio Network uses other channels. Getting back home (about 1/4 of a mile away), I tried for the PRN on my FM radio but no go. All I got was a Boston FM station which also uses 107.9 MHz. Apparently, the Physicians' Radio Network uses coded transmissions which are receivable only by special circuits. (Another Boston FM commercial station uses the same means to transmit background music to subscribers.)

Admittedly, I heard this unusual broadcast for about 15 minutes so I end up more puzzled than ever. I have never heard the Physicians' Radio Network in any other medical building (and I have been in quite a few lately) By its powerful and clear reception, the transmitter must be close by, probably Boston just 25 miles distant.

Has anyone else ever heard of this unique network? If so, do you know where any transmitters are and if they use other FM channels? Finally, are there other similar networks for scientists, engineers, and others?

I am most curious, Robert Fraser.

SOUTHERN CALIFORNIA AREA DXERS

The next SCADS meeting will be held on February 16, 1980, at the school auditorium, 5361 Sisson Drive, Huntington Beach, CA. 9:00 AM until.... A portion of the meeting will be devoted to ANARC '80. Plan to be there.

FOR SALE: Aiwa AM/FM/SW/Cassette Stereo portable receiver, or will trade toward a good SW receiver. New, won in contest, retails \$340. Every built in feature imaginable including dual VU's that double for battery & S meter SW portion is 2 band general coverage. Contact: Carl Mann, 5777 Ridgeview Dr. SW, Apt 711, Cedar Rapids, Iowa 52404, for details.

FOR SALE: Realistic DX-300, Exc. cond. Modified by Radio Shack, Ft Worth TX. There are no MHz problems with this unit. \$325. Rob Harrington, 3181 South York St, Englewood, CO 80110. 303-781-1185. 0200-0400 GMT.

FOR SALE: Drake SPR-4 #6399. Xtals standard SW, 3 tropicals, Ham bands 10 to 160 (21 Xtals) AGC in-out switch added, DC cord. Mosley dipole. Ameco PLF-2 Pre-amp. All exc cond. \$480. Harry Bradt, 231 La Paloma, San Clemente, CA Phone 498-5616 (714) after 0100. No collect calls please.

(FOR MORE FOR SALE ITEMS...SEE PAGE 55)

PROGRAM

JANUARY 1980

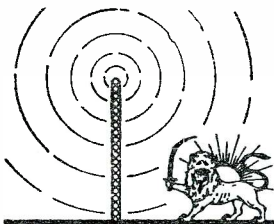
WOODY SEYMOUR, JR.
P. O. BOX 848
SANFORD, NC 27330

PANORAMA

Welcome to the first Program Panorama of the '80s! As we begin this new decade, let me renew my request for your continued support. If you have a schedule of programs for your favorite stations, send them in. Schedules will not be repeated often due to space limitations, so be on the lookout for schedules for the stations not widely reported. Your comments on programs will also be appreciated. We have a good turnout of reporters this month, so let's get started. Remember that all times and days given are in GMT unless otherwise indicated.

AUSTRIA...Here's the latest English schedule for ORF to North America, heard daily at 0130 GMT and 0330 GMT (East Coast) and 0430 GMT (West Coast); Daily: REPORT FROM AUSTRIA; Sunday: FOR TOURISTS, AUSTRIAN SHORTWAVE PANORAMA (at 2305 GMT); Monday: POST BOX 700 (0130, 0430) or AUSTRIAN MUSICAL TRIP (0330 GMT); Tuesday: SPORTS REVIEW; Wednesday: AUSTRIA AND THE UN; Thursday: THE AUSTRIAN ECONOMY; Friday: POP CORNER; Saturday: THE WEEK IN AUSTRIA. (Bob Zilmer-WI)

GREAT BRITAIN...The final result of the BBC budget cuts controversy is that no languages will be cut, but needed transmitter and other technical expenditures will be decreased over the next few years. (Direct)...As we move into the 1980s some prominent figures anticipate what life will be like in the coming decade in a series of eight half-hour programs INTO THE EIGHTIES. Listen Mondays @ 1400 GMT, repeated Wednesdays @ 2030 and Thursdays @ 0330...ENGLISH BY RADIO has a 15-minute program in English for Latin America Mon-Sat @ 2145 GMT on 11820 kHz. Here is the schedule of programs: Mon CHIMES; Tue CAN I HELP YOU?; Wed SAY IT AGAIN; Thur AFTERMATH; Fri TAKE A BREAK; Sat PEDAGOGICAL POP. CHIMES is a rock group in fantasy land, AFTERMATH is general technical English and PEDAGOGICAL POP is a program that explains pop songs. Tune in to BBC World Service. (Bob Zilmer, WI and Direct)



RADIO IRAN رادیو ایران

IRAN...(A.S. Smith, MA): "I feel that the programs of the Voice of the Iranian Islamic Republic are dogmatic and very insulting. I ask members of SPEEDX not to send this station mail, as they refuse to reply to anything. SAVE YOUR STAMPS!".....(WS): The Iranian crisis once again shows the value of listening to shortwave. Broadcasts from Moscow vary from day to day. It's a real education on the political life of the world---many countries are genuinely concerned about the fate of the hostages and the violations of international law, while others (like the USSR) use the situation for their own national benefit. If

the crisis has not ended by the time you read this, tune in to newscasts from various countries and see how they handle this story.

PORTUGAL...Radio Portugal broadcasts the following English programs: Daily NEWS; Mon TOURISM; Tue OUR CHOICE OF MUSIC; Wed ART AND CULTURE or CURRENT AFFAIRS; Thu TOURISM; Fri LISTENER'S MAILBAG and DX PROGRAM, alternating with PHILATELY and HISTORY; Sat PRESS REVIEW; Sun SUMMARY OF THE MAIN EVENTS OF THE PAST WEEK. Tune in at 0300 and 0500 GMT to Radio Portugal for its broadcast to North America. (Ted Ossege, OH)

Since we have a little space left on this page, let me remind you to send longer articles and newspaper clippings on shortwave programming to Art Getzel, Editor of Tips and Topics. News of QSLing policy, pennants, etc. should be sent to Bob Donly, QSL Editor. News of station contests and DX clubs will not be included in Program Panorama unless there is space available. Your help will be greatly appreciated in these matters.

SOUTH AFRICA...Radio RSA has the following English schedule to North America at 0200 GMT (remember that the days are GMT days, so 0200 GMT on Monday is actually Sunday night in North American local time): Daily--NEWS; Mon LOOKING INTO AFRICA, P.O. BOX 4559, SUNDAY SERVICE; Tue COMMENT, CONVERSATION CORNER, FINANCE; Wed COMMENT, SOUTH AFRICAN PANORAMA, SPECIAL REPORT, P.O. BOX 4559; Thu COMMENT, AFRICA TODAY; Fri COMMENT, SOUTH AFRICAN PANORAMA, SPECTRUM RSA, WILDLIFE; Sat WORLD AFFAIRS, SOUTH AFRICAN PANORAMA, TALKING POINT, NEW NATIONS; Sun TOURING RSA, SATURDAY NIGHT RSA, DX CORNER. These scheduled programs can be heard to West Africa and Europe at 2100 GMT daily (but keep in mind that the program heard at 0200 GMT one day is heard the previous day at 2100 GMT, e.g. the Monday 0200 schedule is heard at 2100 on Sunday). You can find the latest Radio RSA schedule of times and frequencies in last month's Station Skeds column. (Stephen Proom, UK and Gary Stone, NC)

SOLOMON ISLANDS...As promised in the November Program Panorama, here is the weekend lineup for SIBC: (All times GMT) Saturday 2130 STORY ABOUT IUMI 2200 DIAL A DISC 0100 WORLD NEWS 0130 NEWS REVIEW 0520 TOP OF THE POPS 0600 MARCH OF THE DAY, SPORTS 0745 NATIONAL NEWS IN PIDGIN 0800 CUSTOM STORY 1000 WORLD NEWS 1100 NATIONAL NEWS 1130 CLOSE DOWN; Sunday 1830 SONGS OF PRAISE 2000 NEWS IN ENGLISH 2100 SUNDAY SERVICE 2300 JAZZ TIME 0100 WORLD NEWS 0300 REQUESTS 0400 NEW HITS AT SIBC 0445 STRING BANDS 0745 NATIONAL NEWS IN PIDGIN 0800 EVENING SERVICE 0930 ISLANDS OF THE PACIFIC 1000 WORLD NEWS 1100 NATIONAL NEWS 1130 CLOSE DOWN. Try 5020 kHz from 1830-1130 GMT or 9545 kHz from 2200-0700 GMT for SIBC. (Paul Brewer, TN)

SWITZERLAND...Swiss Radio International has published their latest program schedule. This 8-page pamphlet, featuring a full-color cover can be obtained free for the asking. When you write, ask to be put on their mailing list for future copies...SRI also has a new sticker available free on request. Their address: Swiss Radio International, CH-3000 Berne 15, Switzerland...This year marks the 10th anniversary of the format change for Swiss Radio. The former hour-long broadcasts were dropped in favor of half-hour transmissions, featuring DATELINE on weekdays and the feature programs on weekends...Here is the new schedule of SRI programs: Monday-Friday DATELINE; Saturday (1st and 3rd weeks) TALKBACK (questions, comments and criticisms-SRI's listeners' forum is full of interviews, reports and Swiss country music); (2nd and 4th weeks) THE SWISS SHORTWAVE MERRY-GO-ROUND (keep up to date with the DX scene; the "Two Bobs" prove that there is much more to international radio than QSL cards); (5th weeks, when applicable) DATELINE REVIEW (all fifth Saturdays are reserved for SRI's review of the major events of the month as reflected by DATELINE); Sunday (1st week) FESTIVAL! (how the Swiss honor the past and celebrate the present, a lighter look at events throughout the country which celebrate traditions, folklore and culture); (2nd Sunday) ACTIVE NEUTRALITY (programs which examine Swiss neutrality); (3rd Sunday) SUNDAY SUPPLEMENT (an expansion of items first introduced in DATELINE); (4th Sunday) JAZZ PANORAMA (the world of international jazz); (5th Sunday) REPEAT PERFORMANCE (let SRI know what show(s) you would like repeated. Direct)

Swiss Radio  International

USSR...Radio Moscow's North American Service has been having a series of history programs concerning U.S.-Soviet relations. Here's a schedule of upcoming programs: JANUARY 11: "American participation in the revolutionary events of November 1917"; JANUARY 25: "American-Soviet relations during the Great Depression of the 30's"; FEBRUARY 8: "The U.S. and U.S.S.R. as allies during WWII". The final three programs will be mentioned next month. (Edward Serzhon, IL).....Radio Tashkent has some interesting programs: YOUTH PROGRAM, Tue @ 1200 GMT; LIFE IN THE VILLAGES, Wed @ 1400 GMT; MUSICAL PROGRAMS, Thu & Sun @ 1400 GMT; MUSLIMS OF THE SOVIET EAST, Fri @ 1400 GMT, MAILBAG, Sat @ 1200 GMT; DX CLUB, 2nd Sun @ 1200, repeated 3rd Sat @ 1400 GMT; PANORAMA OF LIFE IN UZBEKISTAN, 1st & 3rd Sun (time?--WS); FRIENDSHIP, COOPERATION AND ?, 15th of each month @ 1200 GMT. Frequencies 6025, 9540, 9600 (covered by RMWS via Cuba "blobmitter") and 11785 kHz. (Paul Brewer, TN)...RM's history programs mentioned above can be heard @ 2320, 0120 and 0320 GMT (WS). Let's have your reports by January 15. Good listening! W-4 12/18/79



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC
AGC
GAIN
TUNER
IMAGE
SSB
LSB
FADE
NOISE
Smeter

Send Technical Questions
& Technical Material To: ➡

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

HAPPY NEW YEAR!!!!.. Or at least I hope it is happier than last year! One wonders when we may be at war now, with the constant tug and pull in the Mid-east and Asian countries. Luckily, we as DXers, can keep up with the "trends". On to "happier things!"...

LOOP ANTENNA... Undergoing tests now. Radio West Ferrite loop, covering MF thru 60 meters. A report will be forthcoming in a month or two. Look for it. At the same time, tests being conducted on a new "active antenna" by Radio West. "Antenna" unit about 6" long and 1 1/2" in diameter with a 12" whip. This connects via a length of RG-58/U coax cable (about 50') to the "interface" box. An A.C. power pack (Like the kind that comes with all the tape recorders) plugs into this. Also another jack is provided for connection to your receiver. All the jacks are different kinds, so it is impossible to connect the power pack to the input or output or whatever! This makes it nice when you are in a hurry. Preliminary tests have impressed this Editor! A full report later. Might be just the thing for you apartment types!

R1000 RECEIVER: I wish to apologise for the rotten picture of the R-1000 last month! Maybe, I'll try again later on. Two letters came in relative to the R-1000 this month. SPEEDXer Rob Harrington says Ham Radio Outlet, 2620 West La Palma, Anaheim, Cal., 92801 has them in stock, write or call Jim Rafferty for a special price to SPEEDXers. WATTS number: 1-800-854-6046. Also Radio West is stocking them as well. Modified version includes AGC mods., Selectivity improvement, and completely checked out. Postpaid (UPS) \$470. Thier QTH is: 3417 Purer Rd., Escondido, Cal., 92025. Phone (714) 741-2891

FOR SALE: DX-300, excellent condition, modified by Radio Shack in Ft. Worth. There is NO MHz PROBLEM with this set!!! Asking: \$325. SPEEDXer Rob Harrington, 3181 S. York St., Englewood, CO., 80110. Phone: 303-781-1185

NRD-505 VS FRG-7, A User's Comparison by Traver Smith....
While in Japan, I bought a JRC model NRD-505 receiver. Since returning home, I've had a few evenings to operate it and compare it with my FRG-7.

I got interested in shortwave about the time the FRG-7 was first introduced to the USA, and I bought an early model. I was disappointed to find that I couldn't read station frequencies very accurately. Ralph Sanserino, ex-Tech. Topics Editor, helped me improve the set by adding additional filters, and finally a digital readout. In addition, Grant Manning of Radio West, added a switchable 2.9 khz. mechanical filter. These mods made the FRG-7 into a pretty respectable receiver and I've come to love it!

However, within a short time of using the NRD-505, I can see that it is a considerable improvement over the FRG-7 (as it should be!) Selectivity is excellent. In the AM-WIDE position a strong station like the BBC-Antigua will span about ± 4 khz. of the center frequency, however, two stations separated 5 khz. do not seem to overlap. In the AM-NARROW position the same BBC station spans about ± 2 khz. of the center frequency, about the same as the FRG-7 with the mechanical filter. Signal quality is better in the WIDE position. The analog VFO dial has a wide spread. The 1 khz. markings are about the same spacing as the 10 khz. markings on the FRG and they seem to be very accurate. The digital display reads to 0.1 khz. (100 Hz)

As an option, I bought and installed the CW-NARROW 0.6 khz filter, not because I'm interested in CW, but because I wanted to quickly and precisely measure the frequency of a received signal. It seems to do that with about ± 0.1 khz. accuracy.

The first thing that I heard on my new NRD-505 was an OM speaking an unknown language on a frequency I measured as accurately as I could as 15084.0 Khz. With disappointment, I thought the receiver was probably off a bit. I looked it up in the WRTVH and was delighted to find I had Kalamabad, Iran listed as 15084 khz!

I also have the "memory option", which is a 4 push button electronically set memory. Frankly, I regarded push button tuning as being rather useless on shortwave, but was pleased to find that it was indeed very useful for DXing. To hold any station in memory, it's only necessary to push the button. When that channel is recalled, the frequency in memory is also digitally displayed. When DXing, I'm often impatiently listening to a musical program or a long dialog in a language I can't understand while waiting for an ID. Now I can put that station in memory and continue my dial search, checking back from time to time to hear if the unknown station is about to give an ID. There is even a provision for fine tuning the stations held in the memory. Since the memory holds 4 stations, this multiplies my DXing capability 4 times!

Another useful feature is the automatic preselector, which eliminates "double tuning" as in the FRG-7. It also assures you of maximum gain and sensitivity at all dial positions. The receiver also includes a "noise Blanker (suppressor of man made interference) that really works. The FRG-7 had an ANL feature, but this never has been of much help in suppressing interference. ((Most ANL circuits are designed to reduce impulse noise only. i.e.: automobile ignition interference-Ed.))

The NRD-505 is a very satisfying receiver and I'll be doing most of my DXing on it for sometime to come. However, I have put so much effort into my modified and remodified FRG-7, I'll keep it too. By the way, the FRG-7 works on dry-cells and the NRD-505 does not.

(This pretty well verbatim from a nice letter received from Traver Smith-ED)

LOOP ANTENNAS (again)..Some theory and comments... The "loop" has been around since the early days of radio, but it has chiefly been used in the LF/MF part of the radio spectrum. You probably own at least one "loop" and don't know it! Every Jap transistor radio made (well 99.9% anyway) has one!

The principal use made of large loop antennas now is direction finding. In fact, all ships are required to possess a direction finder receiver (D/F) capable of tuning the MF band from about 250-520 khz. This is the ship CW band and radiobeacon band. A loop has a "figure eight" reception pattern (see diagram). Notice that there is two very sharp areas

of minimum signal or "nulls". The nulls are much sharper than the maximum signal areas, so are used

for indicating the direction of the transmitted signals. There are many types of loops in use. The "box" or open loop, ferrite cored loops (the most compact), faraday shielded loops, and what

is called the crossed loop or Tossi loop. We will disregard the last type (common to ships)

as the theory becomes very complicated as an additional set of coils is used with this called

a "goniometer". Now we can use the "null" of the loop to reduce or get rid of a local BC

station, or it's "splatter/splash", while being able to hear out of towners much better. Also two distant MW BC stations can be separated by nulling one

of the co-channel stations out while listening to the other for an ID. As we move into the SW spectrum, however, multipath effects are more severe and our

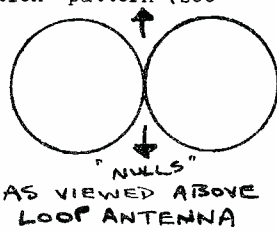
"null" becomes less useful. It can be used to null out that pesky power line noise or help eliminate the neighbor's color TV "birdies" though! Also useful

in doing away with the ham operator down the block when DXing on 75 meters. The loop will do its work best on the 120, 90, and 75 meter bands, and to a less degree on the 60 meter band.

Loops (box and ferrite) are available from several sources: Radio West, Palomar Electronics, and Gilfer Shortwave. Plans for MW loops can be obtained

from National Radio Club (A strictly MW club) P.O. Box 32125, Louisville, KY. 40232. (A 'review' forthcoming on the Radio West ferrite loop)

That is about it for now. I hope everyone didn't gorge himself (or herself) too much on the Xmas "goodies"! I hope everyone has a HAPPY NEW YEAR in 1980 and much success. As the college set used to say: "Hope you had a cool yule, and hope you have a frantic first!" GOOD DXing 'till next time
73...

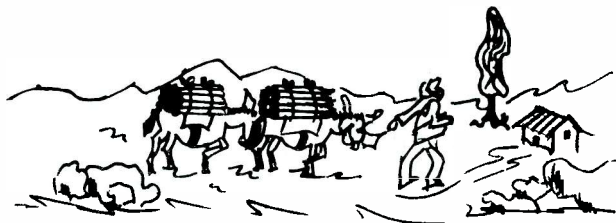


SWBC DX - Western Hemisphere

◇ EDITOR ◇

CHRIS HANSEN

2825 WEBB AVENUE
APARTMENT 5-F
BRONX NY 10468
DEADLINE: 12th
Times & Dates: GMT
Frequencies: kHz



ENERO, MIL NOVECIENTOS OCHENTA

WELL, HERE WE ARE AGAIN. I gather that the membership has increased so drastically recently that some might not know me. Here is a brief biography: I am 27, from Marblehead, MA; educated in MA and then at Columbia University in New York. I have lived here in NY since 1970. At the moment, my cat Arkie and I live in a 5th floor walk-up in the Bronx with an R-390/URR, an HQ-150, and various other DX equipment. I have been a SPEEDXer since July, 1972 -- and a DXer since 1969. I have been Western Hemisphere Editor for 2 years as of next month. I also belong to NASWA, NRC, and WTFDA.

If you wish to call me with a hot DX tip, or just to gab, here are my numbers: home (1400-1730 and 0400-0600 GMT): 212-549-6613; office (2300-0300 GMT): 212-975-1608 (a change from previous number). If you call me at our office I can return your call on our WATS line.

SPANISH FOR DXERS -- PAST MASTERS, PART I

There are 4 main past tenses in the indicative in Spanish -- the imperfect, preterit, perfect, and pluperfect tenses. This first lesson will define these tenses. Next month we'll begin to learn to form them.

THE IMPERFECT -- This is a tense which signifies repeated, unfinished, or continuous action in the past. E.g.: Mary used to play with her dolls; R. Rumbos was broadcasting last week. It can be translated many ways -- as long as the idea of a habitual, repetitive, or unfinished action in the past is conveyed, any suitable phrase will do.

THE PRETERIT -- this word means "past." It is the descendant of the tense called by classical grammarians "aorist" in Greek and "perfect" in Latin. It is the simple past tense. E.g.: I went to the Antarctic last week. The action that this tense describes must have been completed in the past. It also implies one action, rather than continuous or repeated action. It is far more common in spoken Spanish than the corresponding tenses in French or Italian, which languages prefer...

THE PERFECT -- This tense is an expression of an action in the past, the result of which continues into the present. E.g.: Mary has listened to La Voz de Chile. John has arrived (i.e., is now present at) the ANARC Convention. It is normally translated into English as the proper present part of "to have" and the past participle (has listened, have been)

THE PLUPERFECT -- This tense expresses the time of an action in the past which happened before another action in the past. E.g.: Joe DXer had heard the Argentine Antarctic station before Steve SWL heard it. The second verb would normally be in the preterit. The pluperfect is translated into English as the proper past part of "to have" plus the past participle. (had listened, had helped).

There you are. In order to prepare you for the lessons to come, here is some vocabulary:

TO HAVE -- HABER -- ROOT: HAB- (this verb is highly irregular)

PRESENT: (yo) he; (tu) has; (el, ella, usted) ha; (nosotros) hemos; (vosotros) habéis;
(ellos, ellas, ustedes) han. (I, you have; he, she, has; we, you, they have)

PRETERIT: (yo) hubé; (tu) hubiste; (el, ella, usted) hubó; (nosotros) hubimos; (vosotros)
hubéis; (ellos, ellas, ustedes) hubieron. (I, you, he (etc.) we, you, they had)

BEFORE I BEGIN THIS MONTH, SOME ITEMS WANTED AT THIS QTH: I need an August 1971 issue of SPEEDX to complete my collection. An original (if you can part with it) would be best, although I will consider a xerox (both sides) in the same format (i.e., same size, book form, etc). I also would like to buy a pre-amplifier (AMECO or other), and, finally, I need the two meters which go with the R-390/URR. The nameless New Jersey R-390 supplier charges too much. I would appreciate it if anyone who can help me on any of the above items could please write me or call at the phone numbers above. Thanks very much for your assistance.

BRAZIL -- continued

- 5055 2235 R. Maua, PP, t1k, IDs (343; 11/11. Yajko, PA)
 5965 2310 R. Guaiba, PP, soccer cmtry; (444; 11/11. Yajko, PA)
 6000 0800 R. Inconfidencia, PP, very clear ID, ads, pop SAM mx, also SAM disco (Yuk!)
 (333; 11/30. Kowalski, WI) ([0130] 343; 11/30. Peters, MB) (333; 11/11. Yajko, PA)
 6035 2304 R. Globo, PP, nx, ID @2304 (333; 11/18. Yajko, PA)
 6065 2320 R. Nacional Brasilia, PP, sx cmt; (323; 11/11. Yajko, PA)
 t6095 0819 R. dif. Sao Paulo, PP, ad @0820, vocal pop mx, ancr t1k in PP, no ID hrd
 through 0845 (333; 11/24. Lattemann, WA)
 6185 0645 R. Bandeirantes, PP, pop mx, OM DJ, amts, ID (232; 11/11. Alexander, PA)
 9645 2259 R. Bandeirantes, PP, jingles, ads, IDs, TC (434; 11/18. Yajko, PA)
 9675 0910 R. Marumba Limitada, PP, 0910 tuned in -- OC to *0918, amts, px of Christmas
 instrumental mx, refers to itself as "a voz evangelica," IDs, former R. Diario da
 Manha as per gh DXD 11/5. (11/19. Walcutt, TX)
 11765 0039 R. Tupi, Sao Paulo, PP, sx cmt, under DW (222; 11/19. Yajko, PA) son, CA)
 11780 0025 R. Nacional Brasilia, PP, folk mx, OM t1k, ID, rock/EZL mx (544; 11/21. Thomp-
 11805 0130 R. Globo, PP, ads, ID, Brazilian mx; (433; 11/12. Yajko, PA)
 15270 2031 Radiobras, EE, mx, nx, (433; 11/21. Oexner, FRG)
 15280 2130 Radiobras, EE, mx, (423; 10/23. Crosby, NJ)
 15290 0354 Radiobras, EE, ID, international svce; 0400* (433; 11/4. Hodsdon, MN)
 ([0337] 544; 12/3. Moss, CA)+7

CHILE

- 9750 0810 R. Minerias, OM/YL, sounds live, ID @0822 (343; 12/1. Lucas, CA)
 11715 0340 R. Nacional, "Music of Chile," YL ancr; (443; 11/22. Witte, CA)
 11795 2030 R. Nacional, OM w/ mx, 5 IDs, (433; 11/30. Forbes, TX)
 11890 0234 LVCH, EE, cmt; (333; 11/19. Berkholtz, MN)
 15140 0025 LVCH, EE, ID, times, (433; 11/20. Forbes, TX)+5 PA)
 15138.2 0114 LVCH, SS/EE, t1k w/IDs to 0119, then mx (fqy, a little low) (353; 11/26. Earhart,
 17795 0025 LVCH, EE, t1k, times/fqys, into SS @0030 (444; 12/1. Maise, LA)+4

COLOMBIA

- 4815 0025 R. Guatapurí, OM, nx; TC @ 7:32, ID @0035 (343; 11/27. Audette, MA)+4
 4845 0044 R. Bucaramanga, sta. promo, ID @0045, (232; 11/27. Audette, MA) (*1001] 443;
 11/14. Jones, MS)+4
 4865 0115 LV de Cinaruco, LAM mx, amts, ID (323; 11/17. Tannenwald, NY)+1
 4875 0600 R. Super de Medellín, IDs, Argentine mx (454; 11/25. Ray, PA) ([0615] 443;
 11/17. Thompson, CA) ([0230] 333; 12/1. Alexander, PA)
 4945 0730 R. Colosal, LAM mx, amts, (444; 11/11. Alexander, PA) ([0535] 333; 11/20
 Ruckman, OH) ([0400] 423; 11/7. Pettit, IA) ([0410] 423; 11/11. McLean, NY)+2
 4965 0925 R. Santa Fe, mx, QSB (fr; 10/25. Holland, NY)
 5040 0555 R. Cinco, OM ID, intro, mx; (332; 11/16. Hrivnak, IL) ([0549] 333; 11/11.
 Lattemann, WA) ([0950] 222; 11/18. Tannenwald, NY) ([0635] 332; 11/18. Earhart, PA)
 5075 0045 R. Sutatenza, OM t1k, px notes; IDs (444; 12/6. Audette, MA)
 5095 0206 R. Sutatenza, class mx, CW QRM, mostly mx (322; 11/11. Curnell, OR) ([0013]
 444; 11/12. Davis, GA) ([0130] 544; 11/17. Pettit, IA) ([0130] 433; 11/7. Stone, ON)
 5955 *0943 LV de los Centauros, carrier noted @0940, ID, (It is definitely Centauros,
 not "Centalvos" -- would be pronounced "sen-TAU-ros" w/ the "r" tripped on the
 tongue, perhaps "sen-TAU-dos" would be closer. cpjh) (gd; 11/29. Kowalski, WI)+1
 6045 1013 R. Melodía, ID, TC, t1k (333; 11/23. Yajko, PA) ([0635] 333; 11/11. Alexander, PA)
 6065 0255 R. Super, mx, nx, ads; IDs (111; 11/9. Ruckman, OH) ([0600] 443; 11/10. Witte-CA)
 ([0010] 333; 12/4. Ray, PA)
 6075 1040 R. Sutatenza, OM ID, "En la Capital, R. Sutatenza," (343; 11/28. Audette, MA)
 6085 1112 Ondas del Darien, nx (434; 11/23. Yajko, PA)
 6115 1020 LV del LLano, lively LAM guitar mx (434; 11/23. Yajko, PA) ([0915] exc; 10/25.
 Holland, NY)
 6150 1023 LV del Huila, LAM vocals, barnyard sounds, ID (433; 11/23. Yajko, PA) +1
 6170 1025 LV de la Selva, LAM mx, t1k, ID (343; 11/22. Alexander, PA)
 11793.1 1248 R. Nac. Colombia, scratchy signal, fast t1k, nx; (353; 11/29. Earhart, PA)
 ([2253] 533; 11/24. Worrel, ND)

ECUADOR -- HCJB

- 9715 1140 EE, Japanese px, but Clayton Howard has a short EE DX px called "Hello DXers"
 only on Thursday (443; 11/29. Zilmer, WI)
 15115 0237 This fqy extended to NAM, 0230-0600, and it should be the best considering
 the QRM on 11910 and 9745; 11/4 was not on at 0230, but at 0237 recheck it was w/
 DX Party Line; slight het and QRM from Peking. [I have found recently that Peking
 completely dominates this fqy. @0230 -- making 9745 my best bet for DXPL -- rather
 spottily, though, since R Peace & Progress sometimes dominates and usually is present.
 cpjh] (Hauser, TN)
 17860 2225 Japanese, t1k to 0230, then a song, is language JJ? (Time is right, Ken. cpjh)
 (353; 12/3. Earhart, PA)
 26000 1500+ EE, most of the EE sked is bc on this fqy. 24 hours a day with 100 watts!! It
 is a test and reports are wanted. It is good to poor here in New York during (more)

ECUADOR -- HCJB (continued)

26000 the astronomical morning (1500+) The woodpecker QRM is quite bothersome most AMs; on the day I listened, the px was "Morning in the Mountains," and then a nx bulletin @ 1500. There was no mention of the death the previous evening of Archbishop Fulton J. Sheen here in New York -- odd considering he was a giant in the field of broadcast evangelism.(12/10. Hansen, NY -- Oh, yes, I almost forgot. On DXPL last night [12/16] Clayton Howard said that, for various reasons [QRM, the fact that many rcvrs w/ Wadley loop circuits cannot receive even MegaHertz fqys. well because of birdies] this xmission is apt to move up soon -- he mentioned in particular 26030 kHz) ([1530] 252; 11/24. Zilmer, WI) ([1950] 353; 12/2. Donly, SX) ([...first noted 11/21 @1330 in EE, //17890, 15115, and clobbered 11740; 1430 suffering from pulser QRM, still on @2100 check, now not in EE...noted...as late as 2335 in Japanese, w/ VOA-Philippines co/channel...] Hauser, TN)+30 other HCJB reports.

3380 0230 R. Iris, LAM pop mx, IDs, 0301* w/ NA (343; 12/3. Peters, MB)
 3390 1020 R. Zaracay, OM, music (444; 11/11. Durann, NJ) ([1056]333;11/23. Yajko, PA)
 4680 0945 R. Nacional Espejo, Native mx, ID (333; 11/15. Tannenwald, NY) ([0847] 433; 11/19. Thompson, CA) ([0700] 433; 11/3. Kneaskern, NY)+2
 4765 1111 Radio C.R.E., ID, nx; (343; 11/28. Jones, MS) ([0415]443;11/13. Lattemann, WA)
 4795 0213 LV de las Caras, tango mx, ID, ads (332; 12/5. Whitehead/Jones, MS)+2
 4802 0450 R. Popular Independente, mx, QRN, unintelligible ID @0500, record cut off by mistake @0539, ID as "R. Popular" (332; 11/11. Lattemann, WA) Lattemann, WA)
 4850 0447 R. Luz y Vida, vocal mx w/ guitar, YL tlk, ID @0450, slow vocal mx (322; 11/27
 4870 *1114 R. Rio Amazonas, Indian, long version of NA, mx, call, ID, into tlk (242; 11/27. Jones, MS)
 4920 0247 R. Quito, tlk by OM, ID (434; 11/10. Yajko, PA)+3
 4960 0200* R. Federaci6n, ID, fqys, NA (343; 12/5. Whitehead/Jones, MS)
 t5025 0500 R. Splendit, YL tlk w/ fqys, NA of Ecuador, off air (232; 11/26. Lattemann,WA)

FALKLAND ISLANDS -- FIBS

2370 0020 EE, px of rel. choir mx @0029, s/off by YL w/ review of tomorrow's pxx @0030; anthem; 0031* (241; 11/18. Donly, SC) ([0040; lite pop mx, BBC nx @0100; then cmtry; mainly tlk afterwards, slow ID @0127; "GSTQ" @0128, 0132*) pr; 11/24. Moore/Saylor, PA) ([0015; nx, BBC relay of RNxreel, ID @0030] 333; 11/10. Martin, RI)

FRENCH GUIANA --FR3, Cayenne

3385 0045 FF, light mx, anmts, OM anc; s/off anmts and NA @0101 (131; 11/22. Alexander, PA) ([0008] 11/8. Radcliff, IL) ([0150] 343; 11/25. Yajko, PA) ([0300*] 343; 11/24. Audette, PA)
 4972 2350 FF, px of light/pop mx, intros by YL; ID @0003 (332; 11/26. Donly, SC)

GALAPAGOS ISLANDS -- La Voz de Galápagos

4810 0347 mx; sounded like "Arabian Nights," 0403* during NA; (232; 12/6. Lucas, CA) ([0406*] 222; 11/8. Moman, AB)

GUIANA

5950 1000 GBS, EE, OM w/ nx, (323; 11/29. Kowalaki, WI) ([0837] 444; 11/8. George, TX) ([0115] 353; 11/19. Davis, CA) ([0123] 222; 11/16. Rzepka, WI) ([0845] 232; 12/9. Munster, GA)+7

PERU

4790 0315 R. Atlántida, mostly SS tlks, vocals (444; 11/25. Thompson, NM)
 4885 0340 R. Huancavélica, OM instrumental mx, TC @0345, smeared by CW QRM @0347; no Ondas del Meta (11/23. Radcliff, IL) mann,WA)
 5010 0433 R. Eco, EZL, ID @0438/0442; more MX to 0447 ID, NA, 0450* (232; 11/26. Latte-
 5970 1041 R. El Sol, fine Peruvian mx, "Sol en los Andes" px; Russian station on this fqy (443; 11/27. Jones, MS)
 6010 1035 R. America, ads, TC, ID @1035 (333; 11/23. Yajko, PA)
 6020 1030 R. Victoria, Buenos días, Señoras y Señores; (333; 11/22. Levesque, IL)

SURINAM

t4794 0847 R. Apintie, Hindi, sub-continental mx/singing; unable to hear any ID; very bad QRN against weak signal (252; 11/20. Jones, MS) ([0828; Dutch, w/ Hindi vocal mx; anthem @0830, OM IDs followed by more mx (232; 11/28. Zimarowski, MA)
 4850 0508 SRS, Dutch/EE, rock mx, OM anc, various pop numbers, 0524 gave fqys, incl. "FM 96.7 MHz," NA 0531, then out (433; 11/11. Lattemann, WA) ([0440] 444; 12/2. Ray, PA) ([0243]322;11/11.Curnell,OR) ([0340]444;11/11.Martin,RI) [0420]322;11/10.Ruckman,OH)

VENEZUELA

3255 0301 LV del Tigre, Rumbos nx, ID @0305 (353; 12/1. Moore, PA)+5
 3275 0315 R. Mara, mx, anmts, ID (333; 11/11. Alexander, PA)+4
 3395 0122 R. Universidad, vocals, ID (444; 11/22. Duran, NJ)+1
 4770 0125 R. Bolívar, musical ID, mx, (444; 11/14. Stone, ON)
 4780 *0954 LV de Carabobo, NA, ID, calls, fqys (453; 11/14. Jones, MS)+2
 4845 0911 R. Valera, OM tC/tlk; ID @0943 (433; 11/19. Thompson, CA)
 4880 0155 R. Universo, mx, ID, (333; 11/17. Hrivnak, IL)+1

VENEZUELA -- continued

- 4900 2320 R. Juventud, pop mx, disco-style (353; 11/27. Earhart, PA)+2
 4970 0313 R. Rumbos, OMM, serious/fast talk (332; 11/21. Ruckman, OH)+2
 4980 2250 Ecos del Torbes, tlk, mx, ads; (333; 11/27. Earhart, PA)+8
 4990 0300 R. Barquisimeto, LAM mx, anmt; (322; 11/23. Stone, ON)+1
 5030 0215 R. (Reloj) Contiente, ID, cmt on (baseball?) game (433; 11/8. Stone, ON)+4
 5040 0342 R. Maturín, long clear ID, mx; (333; 12/5. Blaize, LA)
 5050 0645 R. Mundial, LAM mx, musical ID (333; 11/18. Alexander, CA)
 6010 1050 R. Los Andes, "R. 1040" ID after long string of ads (333; 11/27. Jones, MS)
 6180 1040 R. Turismo, LAM mx, ads, TC, ID jingles (444; 11/22. Alexander, PA)
 6190 1102 Ecos del Torbes, OM, Coke ad, ID, ns; (444; 11/29. Audette, MA)
 15400 0310 R. Nacional, ID, OM/YL cmts; rel. mx; (434; 11/16. Davis, GA)

11/27/3147576778/9/01/2/3/4/5/6/7/78/9/01/2/3/4/5/6/7/78/9/01/2/3/4/5/6/7/78/9/01/2/3/4/5/7

NORTH AND CENTRAL AMERICA**ANTIGUA**

- 6040 *0130 DW, EE, IS, s/on, nx; (gd; 11/28. Saunders, FL)
 6085 0130 DW, EE, IDs, fqys, Fear Syndrome (544; 11/19. Miller, CA)+2
 6175 0514 BBC, EE, BBC cmt, interview w/ George Ball about Iran(444;12/3.Smith,CA)+2
 9510 0621 BBC, EE, OM, British economy: "From the Ration Book to the Credit Card," (454; 11/6. Smith, CA)(Traver, I'm sorry I misIDed you last month. Traver Smith of California was the man who took a vacation in the Far East and was so prolific in reporting. In the future he'll be known as "Traver, CA" in order to distinguish him from Tom Smith in FL, with whom I confused him -- I'm sorry I sent you off to China, Tom! cpjh)[0445] 443; 11/7. Tom Smith, FL)+2
 11785 0605 DW, GG, OM, nx; new Bolivian president (433; 11/17. Traver, CA)+2

BELIZE -- R. Belize

- 3285 0256 EE, mx, greetings, "This is R. Belize, Voice of the new Central American nation of Belize in the Heart of the Caribbean." (fr; 11/17. Lippmann, FL)([1133] 333; 11/28. Jones, MS)([0125] 322; 12/5. Blaize, LA)

CANADA

- (Right now the traditional New York tuba orchestra is playing Christmas carols outside in Rockefeller Center -- quite an odd sound, but quite nice -- a New York holiday tradition!)
- 5960 0345 RCI, FF, OM tlk (454; 12/3. Traver, CA)(RCI gone from 5960, but on 9535 -- @0400 both 5960 and 9535 are gone, but 11845 loud and clear. What gives?? (I noted this too; just usual Sackville Winter Madness! cpjh) 10/2. Radcliff, IL)+3
 6005 1501 CFCX, EE, nx, Montreal Metro strike, (444; 10/20. Crosby, NJ)
 6070 1401 CFRX, EE, nx, ad for Air Canada, Barry Manilow mx; (432; 10/30. Crosby, NJ)+2
 6080 0829 CKFX, EE, country mx, ads (w/ tel. no.) mention of Vancouver, fast fade (not flutter). Wiped out by HCJB s/on @0834; 99.99% sure (252; 11/30. Jones, MS)
 6130 0820 CHNX, Halifax; EE, pop mx, ID, tc; (333; 11/11. Alexander, PA)+4
 6140 0645 RCI, EE, nx, promise by CBC to cover the Quebec referendum fairly (443; 11/23 Lattemann, WA)
 6160 1015 CKZN, St. John's, N'fld; EE, pop mx, anmts, TC "The Morning Show," nx, wx; Colombia off this morning (333; 11/22. Alexander, PA)([1050]232;11/28.Audette,MA)
 6160 0800 CKZU, Vancouver, EE, sx nx, wx; mx; (444; 11/30. Witte, CA)([0845] 444; 11/23. George, TX)
 6195 0506 CBCNS, EE, OM weather, it's cold -- -14* in Goose (Bump? cpjh) River (353; 12/2. Traver, CA)([0505] 343; 11/14. Harrington, CO)
 9625 1315 CBCNS, EE, mx, nx, tlk on patient rights movement(444; 11/12. Mellinger, NJ)+1
 11710 2330 RCI, "AS It Happens," nx, ID @2400 (444; 11/6. Fraser, MA)+1
 11720 1626 CBCNS, EE, ID, tlks on record business (544; 11/11. Lippmann, FL)+1
 11770 0410 RCI, EE, oil pricing (454; 11/17. Traver, CA)+1
 15150 *2135 RCI, African Service, EE, "disaster" of Atlantis (333; 10/28. Traver, CA)
 15190 0230 RCI, ID, fqy. listing (444; 10/12. Berkholtz, MN)
 15260 *1800 RCI, EE, nx, DXD (exc; 10/21. Holland, NY)([BBC; 1650]352;12/8. Munster, GA)
 15325 1755 RCI, GG, mx, (433; 10/13. Berkholtz, MN)
 17820 1820 RCI, EE, DXD (444; 11/25. Berkholtz, MN)
 17830 1740 BCB, EE, //15260, 333; "My Word," 1745* (333; 11/11. Blaize, LA)
 21695 1552 RCI, EE, OM, Canadian nx (333; 11/24. Audette, MA)+4

COSTA RICA

- 4832 0603 R. Reloj, SS/Latin; Bing Crosby & choir singing that awful "Ave Maria" of Gounod, I believe -- it's always sung at weddings -- must be for the Marian feast of today -- then "R. Periódico de Reloj" (Radio Reloj Magazine)(fr; 12/8. Hansen, NY)+3
 5055 0100 Faro del Caribe, ID, EZL mx, (333; 11/25. Alexander, PA)([0257; "Peer Pressure and the Church"] 444; 11/11. Lippmann, FL)+4
 5954 1115 R. Casino, het @1030, R. Casino ID hrd @1049; sig. peaked around 1130; LAM mx; TCs, Doorbell chimes (343; 11/29. Kowalski, WI)
 6006 1105 R. Reloj, LAM mx, TC as 5:08, anmts, ads (343; 11/28. Audette, MA)+3
 6105 0315 R. Universidad, class. mx, IDs, 0400* (333; 11/28. Peters, MB)+1

COSTA RICA -- continued

- 9615 0035 R. Noticias del Continente, YL/OM tlk, guitar IS, RTTY QRM (422; 11/22. Lattemann, WA) ([0135] 422; 11/27. Moore, PA) Zilmer, WI)
- 9645 0345 Faro del Caribe, EE, rel. tlk, mx; fqys. ancd @0358 w/ NA & 0400* (422; 11/25 CA)
- CUBA**
- 6060 2312 RHC, Usual propaganda (pr; 11/28. Holland, NY) ([0558;0600*]343;11/2. Traver, 6115 0000 RMoscow noted 10/31 *0000, so the span on this fqy. seems to be 0000-0500 Hauser, TN)
- 9600 1340 RMWS, EE, px guides, ID, TCs, into mx; (555; 11/5. Davenport, TN) ([*1123 on 11/3, while on 11/4 it was already running by this time; nominal s/on still undiscovered] Hauser, TN)
- 11705 1750 RHC, OM "crooner," ID (444; 11/17. Davis, GA)
- 11760 0430 RHC, EE, general tlk (exc; 10/28. Holland, NY) ([0406]433;11/10. Dunn,CA)+2
- 11920 2100 RHC, EE, YL, cmt on 3rd World Development, ID (433; 11/27. Audette, MA)
- 11930 0130 RHC, EE, OM/YL giving info on contests (444; 12/7. Ossege, OH)+5
- 15340 0120 RHC, OM, report for week on Cuban activities (444; 11/26. Duran, NJ) ([0140] 444; 12/3. Leeman, RI)
- 17750 2100 RHC, EE, OM/YL nx, ID, cmt. on Bolivian gov't (333; 12/6. Audette, MA)

DOMINICAN REPUBLIC -- Radio Televisión Dominicana

- 5970 2030* IDs, LAm mx, tlk from "gravel-voiced" OM ancr, also ID: "Radio Televisión Dominicana -- Radio Nacional" (gd; 11/14. Saunders, FL)

KALATDLIT-NUNAT (GREENLAND) -- Kalatdlit-Nunata Radio (I hope the spelling is right! cpjh)

- 9575 1020 Dan/Greenlandic; 1020 YL tlks, 1024 IS several times; 1025 1 pip, and YL tlk, mentioned Kalatlit and Thule; 1030 nx w/ OM, possibly Danish, mentioned Iran, Khomeini, and Washington; 1037 OM nx, same mentions, possibly in Greenlandic, 1045 YL tlk, pop mx, 1047 moderate QRN/QRM from 9580 R. Australia tuning, so switched to //5985a, 1051 YL tlks, pop mx; moderate QRM from 5980 KGEI; 1058 heavy QRM. (433; 12/7. Vranes, PA) (Greenland's name was changed when they became autonomous. cpjh)

GRENADE -- Radio Free Grenada

- 15045 2210 EE, "Your Radio Doctor," ID, light instrumental mx; (343; 11/26. Zimarowski, MA) ([2220] 444; 12/1. Forbes, TX) ([2207; program about dental hygiene followed by a commercial for toothpaste] 353; 11/12. Earhart, PA) +11
- 15105 2030 EE, pop mx, request px; (332; 11/24. Zilmer, WI)

GUATEMALA

- 3300 0159 R. Cultural, very nice classical mx; (333; 12/5. Blaize, LA)+8
- 3360 0302 LV de Nahuallá, orch. mx, SS tlks, IDs, 0310* (444; 11/25. Thompson, NM) ([0130] 322; 12/5. Blaize, LA)
- 4825 0134 Radio Mam, OM tlk, snatches of marimba mx and drum beats 0136, more tlk, mentions of Guatemala @0158; severe fading (232; 11/22. Lattemann, WA)+1
- 4835 0027 R. Tesulutlán, OM, LAm mx, "When You Wish Upon a Star" (433;11/13. Curne11,OR) ([2305; over R. Nac. Boa Vista] 333; 11/21. Novello, NY) ([1125]343;11/23. Yajko,PA) ([0215] 433; 11/30. Peters, MB) ([1145] 454; 11/24. Moore, PA)+2
- 6180 0500 LV de Guatemala, IS, xylophone mx, tlk (534; 11/23. Pettit, IA) ([1135] 333; 11/17. Tannenwald, NY)

HAITI - 4VEH

- 9770 1245 EE, rel. mx; QRM de R. Australia (322; 11/18. Davis, GA) ([1100; Nature Shows the Way] 333; 11/23. Yajko, PA)
- 11835 1125 EE, rel. mx, ID, weak (322; 11/7. Davis, GA) ([1905] 433; 11/18. Yajko, PA) ([2311;333;11/16. Moman,AB) ([2315; Boys and Girls for Jesus] 333;12/1. Maise, LA)

HONDURAS

- 4780 1136 R. Juticalpa, four minutes of ads, TC @1140; ID (444; 11/26. Jones, MS)
- 4820 0403 HRVC, La Voz Evangélica, EE, rel. px, ID @0403 by a young girl (333; 11/22 Moman, AB) ([0300] 222; 11/6. Semesky, IN) ([0340] 344; 11/4. Davis, GA) +7
- 4890 0120 R. Lux, tlk by OM, IDA, TC, vocal mx (333; 11/27. Zimarowski, MA) ([0055] 333; 11/3. Brivnak, IL) ([0150] 343; 11/29. Peters, MB) ([0240] 343; 12/1. Alexander, PA) ([0026] 333; 12/5. Ray, PA)

MEXICO

- 2390 0108 R. Huayacocotla, nice Mexican mx, tlk, ID, beating w/ R. Atitlán underneath (322; 12/5. Blaize, LA) ([2330; earliest yet] 333; 11/21. Moore, PA)
- 6105 0500 XEQM, OM w/ disco/pop mx, many ads (444; 11/17. George, TX)
- 6115 2330 R. Univ. de Sonora, class. mx, 2346 OM ID, dead air for 2 mins; another OM ID/TC, more mx; (544; 11/27. Thompson, CA) ([1630] 454; 11/20. Thompson, NM)
- 6165 *1100 LV de América Latina, ID: "XEW, LV de America Latina," fqys; QTH of other stations in net. (222; 11/9. Jones, MS)
- 15430 0010 R. México, mx, YL IDs, tlk [//17765,333; 11770,222] 434; 12/5. Blaize, LA)+2
- 17765 0140 R. México, mx w/ vocal to 0148 when OM ancr came on w/ fqys, etc. but I could get no definite ID, then more mx. Program ended @0200 but xmitter left on. (332; 11/25. Earhart, PA)

MONTSERRAT -- DW Relay
11705 0720 GG, OM/YL w/ nx; ID, (333; 11/22. Witte, CA)

NETHERLANDS ANTILLES

6165 0230 RN, EE, His & Hers, (444; 11/7. Davenport, TN)([0210] 544; 12/7. Miller, CA)
([0512] 444; 12/3. Traver, CA)([0247] 333; 11/24. Rudolph, AL)
9590 0238 RN, EE, nx (444; 11/20. Berkholtz, MN)([0234] 444; 10/24. Crosby, NJ)([0247]
444; 11/24. Rudolph, AL)([0230] 433; 11/2. Davenport, TN)
9715 0540 RN, EE, DXJukebox, how to write a useful report from a technical standpoint
(554; 12/7. Miller, CA)([*0530]555; 11/22. Kern, CA)([0550]434; 11/21. PokatiIoff, IL)
11710 0358 TWR, RR, rel. mx; (11/17. Holland, NY)([0430; EE] 333; 11/30. Witte, CA)
11925 0130 TWR, EE, nx, OM ancr; (333; 12/2. Maise, LA)([*0055] 422; 11/11. Moss, CA)
15445 2330 TWR, PP/Dutch, (333; 11/21. Pettit, IA)
21640 1900 RN, FF, SS mx, FF ancr; ID (11/18. Holland, NY)

NICARAGUA -La Voz de Nicaragua

5950 1118 SS, ID, LAm pop mx (454; 11/28. Jones, MS)([1145] 444; 11/28. Audette, MA)
([0430] mx program; 12/17. Hansen, NY -- good signal)

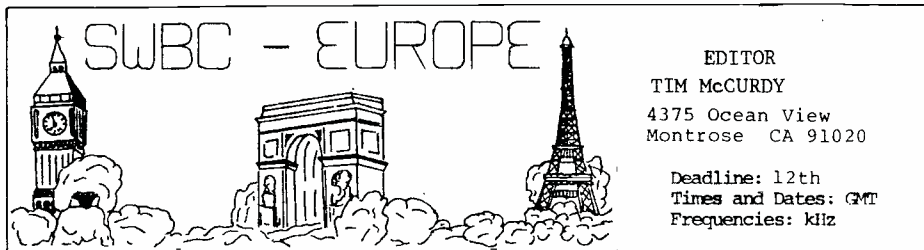
UNITED STATES OF AMERICA

3365 0132 "WOOF" Punk Rock ("Devo" and "The Ramones" with a real winner of a song:
"Teenage Lobotomy"), many anmts between songs of "WOOF, Hoople, North Dakota, 1,2,3
testing," 0414* promising to be making weekly bc on this fqy. GMT Sundays 0500
or 0530. First pirate I've noted on 90m. (There are lots more -- mostly hams hav-
ing a little fun w/ their xmitters. No fun if the FCC catches them. cpjh)(11/28.
Radcliffe, IL)
6030 0215 AFRTS, live (not 7-second delayed) NPR broadcast of first UN Security Council
session on US/Iran; the following night AFRTS did not carry the coverage, which
was again available on NPR (12/2. Hauser, TN)
6055 0200 UN Radio, prime fqy for EE bcs of evening UN Security Council meetings re
US/Iran; 12/2 *0159-0430*; severe QRM from BBC SS service 0215-0415; on again 12/3
0030-0230. Aside from delegates' speeches (some via interpreters [sic]) which
were identical, UN Radio had its own commentator, differing from AFRTS and VOA
coverage (Hauser, TN)
6215 0244 WDAB, EE, 0244 "Secret Agent Man" oldie, many IDs by OM and gave Free Radio
Campaign address many times. 0305* w/ oldie "Catch Us If You Can." (222; 11/26.
Kowalski, WI)
9930 0005 AFRTS feeder, LSB, EE, "Report From the Pentagon" -- military nx, economic
nx; tape fluttered and broke @0018 (S.N.A.F.U. [which has entered the language as
"snafu"] is the usual military acronym for that. cpjh) (353; 11/6. Fraser, MA)
11810 0500* WYFR's very last transmission from Scituate, MA monitored here 11/17 in SS
to 0500, usual programming and no special anmt. about this being the end of an
era. Taped final s/off w/ Scituate site ID for posterity, and discovered they
gave the wrong frequency -- 11710 (Hauser, TN)(I was told by John Kapinos of Shrews-
bury, MA that there was an ad in the Wall Street Journal advertising the Scituate
site for sale -- perhaps another broadcaster will buy it. cpjh)([Per phone call to
Scituate, this was WYFR's last fqy. from that site. Noted in SS w. Scituate ID at
closing 0459 11/16, and the big switch was to be pulled forever at 0500* 11/17,
after which this last transmitter will be shipped to Okeechobee for re-installation.
Hauser, TN)
15145 0035 WINB, EE/SS, EZL mx, Bible Study ads in EE by YL/OM; ID @0101 in SS by OM
(252; 11/5. Fraser, MA)
15250 1754 WINB, EE, Jimmy Swaggart religious px; Bible Institute of the Air; (544; 11/6.
Kneaskern, NY)
15345 1930 AFRTS on surprise new fqy 12/2 1930 check in, game //15330 and 15430; I think
this may have replaced 11790 (Hauser, TN)
17845 2359 WYFR; this was...(their) next-to-last fqy. from Scituate, local ID in SS 2359
11/16; sure enough, next night no WYFR on this fqy, indicating xmitter packed up
and about to be moved to Florida (Hauser, TN) +41 other U.S. reports

The answer to the trivia question of two months ago (Which two adjectives in EE have to agree with their nouns?) is: blond and brunet. These two words refer to hair belonging to a man; when referring to a woman's hair, these words are "blonde" and "brunette." Obviously, they were taken over from the FF.

HOLIDAY MIRACLE: I received a logging sent my by a Canadian member of SPEEDX -- the address read: "Chris Hansen, Apartment 5F, Bronx, NY 10468." Will wonders never cease!!! I guess my volumes of mail as the deadline approaches has made an impression on someone at the USPO.

I MUST END HERE. THANK YOU FOR YOUR SUPPORT IN THE LAST SEVERAL MONTHS. REMEMBER TO GET YOUR REPORTS IN EARLY EVERY MONTH, USE SPEEDX REPORT FORMS, OR REASONABLE FACSIMILES THEREOF, AND PRINT. 73's from Chris *i.D. Jha, 5/21*



ALBANIA

5057 0625 Gjirokaster; Albanian tlk local folk mx (333 11/11 Alexander-PA) (Earhart-PA)
 5960 0500 RT; GG yl w/ ID cmtly (333 11/3 Hrivnak-IL)
 7065 0000 RT; EE nx some mx cmtly (433 11/18 Zilmer-WI) (Slovinski-CA)
 7080 *0630 RT; EE ID cmtly on Chinese communism (433 11/3 Boehm-TX)
 7200 0240 RT; EE om tlk abt US and China (444 11/12 McLean-NY)
 7300 0335 RT; EE cmtly on China (323 11/11 Davis-GA) (Coomler-CA)
 9750 *0000 RT; EE nx mx (333 10/7 Blom-NY) (Yajko-PA) (544 Miller-CA) (Kneaskern-NY)
 9790 0142 RT; SS cmtly on "Los Revisionistas" in China (444 11/23 Leeman-RI)

ANDORRA

6215 2030 AWR; EE religious prgm "This is AWR using the facilities of Radio Andorra" (222 11/23 Fisher-MA) (2048 Radio Andorra 222 12/2 Audette-MA)

AUSTRIA

5945 0325 ORF; DD/EE mx ID "News and Views" (444 11/2 Forbes-TX)
 6155 0557 ORF; GG IS ID waltz mx ID (332 11/25 Smith-FL)
 9770 0130 ORF; EE om/yl w/ "Report from Austria" (444 11/16 Cucura-PA) (Blom-NY) (Davenport-TN)
 15260 0451 ORF; EE mx "Report from Austria" (343 11/11 Smith-FL) (Miller-CA) (Kneaskern-NY)
 21475 1230 ORF; EE "Report from Austria" (333 11/25 Zilmer-WI)
 21740 1700 ORF; GG IS ID into GG prgm at 1700 (333 11/25 Zilmer-WI)

BELGIUM

11715 0015 BRT; EE interview w/ seaman shipping nx (433 10/23 Byron-NY) (Audette-MA)
 15175 0019 BRT; EE "Brussels Calling" ID (333 11/23 Heyman-NY) (Smith-FL)
 15190 0600 BRT; DD? ID ID from 0440 till s-off at 0600 (545 11/12 Pettit-IA)

BULGARIA

9560 2146 RS; EE "Youth Council" stamp prgm mx ID (343 11/28 Smith-FL)
 9665 2140 RS; EE DX-Program (444 11/4 Stone-ONT) (Worrel-ND)
 9700 1936 RS; EE om w/ cmtly on Rhodesia (333 11/24 Audette-MA) (Hodson-MN)
 9705 0034 RS; EE description of a visit to a small farm town (323 11/17 Fournier-VA) (Audette-MA)
 9765 *2130 RS; EE tlk abt living standards in Bulgaria (444 11/11 Blom-NY) (Semesky-IN) (Coomler-CA)
 15310 1835 RS; EE nx by yl (444 11/12 McGrew-SPAIN) (Smith-CA)

CZECHOSLOVAKIA

5930 1917 RP; EE DX-Program about solar flux (444 11/21 Oexner-FR GERMANY)
 7345 0340 RR; EE tlk abt space and interplanetary travel (444 11/7 Davis-GA)
 11990 0103 RP; EE nx by om ID "Sunday magazine of the air" (544 10/5 Heyman-NY) (Prath-FL) (Crosby-NJ) (Hodson-MN) (Davis-GA)
 21615 1545 RP; EE yl w/ ID tlk to Africa (232 11/24 Audette-MA)

DENMARK

15165 1900 RD; Danish/EE IS (444 10/18 Blom-NY) (Moman-ALB)

FINLAND

9685 0350 RF; EE "Northern Report" nx from Finland (433 10/23 Blom-NY)

FINLAND cont.

15400 1450 RF; EE "Spotlight " interview w/ actors (343 11/15 Forbes-TX) (333 Kern-CA) (Earhart-PA) (Davis-GA) (Smith-FL) (Miller-CA) (Prath-FL)
 21475 1356 RF; EE ID time and freq info (444 11/30 Smith-FL) (Hasselkus-OH)

FRANCE

5990 0521 RF1; FF pop rock mx (222 11/11 Ruckman-OH)
 11705 1610 RF1; EE om w/ nx contest info (333 11/24 Audette-MA) (Holland-NY)
 11730 0525 RF1; FF om mx rock and roll (322 11/17 Smith-CA) (Crosby-NJ)
 11820 0639 RF1; FF yl w/ nx (433 11/17 Smith-FL)
 15300 1433 RF1; FF tlk abt sx (333 10/21 Holland-NY) (Smith-FL)
 17725 1620 RF1; EE "PCA" mx (323 11/18 Miller-CA)
 17850 1705 RF1; EE "PCA" disco mx (534 11/14 Davis-GA) (Zilmer-WI)
 21580 1720 RF1; EE "PCA" listners letters (433 11/25 Stone-ONT) (Smith-FL) (Famularo-NJ) (Davenport-TN) (Hauser-TN)
 21675 1700 RF1; EE "PCA" nx mx (454 11/11 Fraser-MA)
 25900 1400 RF1; FF mx (? 11/18 Smith-FL)

GERMANY (FED REP)

3995 0445 DW; GG mx ID heavy QRM (222 11/3 Hrivnak-IL)
 5960 0545 DW; EE "Current affairs Magazine" (444 10/4 Audette-MA)
 7130 2130 DW; EE "Round-about" tlk on Iraq (222 11/25 Audette-MA)
 9765 2112 DW; EE "Mailbag prgm (322 11/27 Audette-MA)
 11765 0612 DW; EE wid nx (444 11/4 Famularo-NJ) (Lippman-FL)
 11815 0630 RFE; RR om/yl w/ discussion (333 11/17 Smith-CA)
 11850 1022 DW; EE "Current Affairs" (333 11/28 Audette-MA)
 17735 1630 RFE; Romanian nx read by yl (322 11/24 Prath-FL)
 21600 1730 DW; EE om w/ pop mx (444 11/11 Meifinger-NJ)

GERMANY (DEM REP)

6070 0000 RB1; SS nx (444 10/23 Holland-NY)
 9730 0100 RB1; EE nx cmt y (433 11/5 Durnavich-IL) (Davenport-TN)
 11975 0137 RB1; EE freq sked (433 11/11 Yahjo-PA) (Hodson-MN)
 15240 1415 RB1; EE nx cmt y (422 12/1 Zilmer-WI) (Slovinski-CA)
 21610 2050 RB1; EE tlk on Lennin (555 10/1 Kneaskern-NY)

GREECE

9515 0217 VOG; EE om w/ nx (344 12/4 Coomler-CA)
 9655 0020 VOG; Greek mx (444 11/21 Duran-NJ) (Audeyte-MA)
 11730 0218 VOG; no EE on this date (11/4 Hauser-TN) (Levesque-IL) (Trommel-IL) (Slovinski -CA)
 15125 1520 VOG; EE wid nx ID into GG prgm (322 12/1 Famularo-NJ)
 17710 1215 VOG; EE nx (222 11/24 Zilmer-WI)
 17830 1815 VOG; EE wid nx by yl (434 11/22 Miller-CA)

HUNGARY

9835 0210 RB; EE "Newsroom" mx (444 11/3 Sanderson-AZ) (Blom-NY) (Byron-NY) (Davis-GA) (Earhart-PA)
 11910 0315 RB; EE yl w/ mx (443 11/10 Coomler-CA)

ITALY

9575 01000 RA1; EE nx pop mx (453 11/9 Fraser-MA) (Hodson-MN) (Alexander-PA) (Blom-NY)
 11800 0109 RA1; EE tlk on economics (333 11/16 Yajko-PA)

LUXEMBOURG

6090 0005 RL; EE om DJ ads (322 11/22 Trommel-IL) (Drew-TX) (Davis-GA) (Earhart-PA) (Semeskyl-IN) (Crosby-NJ)
 15350 0150 RL; FF rock mx (433 10/19 Kneaskern-NY)

MALTA

6100 0313 DW; GG nx by om (433 11/9 Ruckman-OH)
 9670 0748 DW; EE om w/ tlk IS 222 11/10 Lippman-FL)
 9735 0452 DW; GG mx TC ID nx (454 11/8 Smith-FL)
 15105 2235 DW; PP folk mx and tlk (353 11/18 Smith-FL)

MONACO

9495 0730 TWR; EE ID (343 11/9 Momam-ALB) (Kneaskern-NY) (Audette-MA)

NETHERLANDS

17605 1730 RN; DD nx (334 10/21 Holland-NY) (Prath-FL) (Forbes-TX) (Drew-TX) (Kern-CA) (Miller-CA)

17695 0700 RN; EE IS wld nx (343 10/28 Coomler-CA)

NORWAY

9590 0215 RN; EE om DJ rock mx (343 11/19 Davis-GA) (Yajko-PA) (Audette-MA) (Stone-ONT)

9610 0200 RN; EE tlk on exporting from Norway (444 9/1 Blom-NY)

11850 2222 RN; EE folk mx (544 10/14 Hill-VA) (Forbes-TX) (Blom-NY)

15175 1600 RN; EE tlk about building cars in Norway (422 10/1 Blom-NY) (Schroeder-WI)

17840 1410 RN; EE "Norway this Week" (444 11/25 Audette-MA)

21730 1400 RN; EE "Norway this Week" (444 10/1 Blom-NY) (Famularo-NJ) (Audette-MA)

POLAND

6095 0310 RP; EE nx cmt y 222 10/27 Holland-NY (Prath-FL) (Audette-MA) (Duran-NJ)

6135 2230 PR; EE ID nx mx (222 11/2 Hodson-MN)

7145 0310 PR; EE nx mx tlk (233 10/27 Holland-NY)

9525 0300 PR; EE nx (333 10/28 Holland-NY)

9675 0655 PR; EE s-off of EE prgm (333 12/6 Brown-IL) (George-TX)

11815 0200 PR; EE cmt on relations of W. Germany and socialist countries (333 11/5 Byrom-NY) (Schroeder-WI) (Blom-NY) (Holland-NY) (Crosby-NJ) (Cucura-PA) (Yajko-PA) (Prath-FL) (Kneaskern-NY)

15120 0158 PR; EE IS s-on (433 10/19 Kneaskern-NY) (Davis-GA)

PORTUGAL

6025 0500 RP; EE nx by yl (444 11/30 Pettit-IA) (Alexander-PA) (Yajko-PA) (Davis-GA)

9670 2050 PR; EE om w/ rel tx (333 11/4 Cucura-PA) This is IBRA, sorry. ed

15180 2030 PR; EE nx by yl (444 11/23 Fournier-VA)

ROMANIA

5990 0155 RB; EE "Radio Newsreel" (444 11/8 Ray-PA) (Duran-NJ) (Blaize-LA) (Heyman-NY) (Stone-ONT) (Prath-FL) (Audette-MA)

9570 0145 RB; EE tlk abt UN (443 11/15 Prath-FL)

9690 2014 RB; EE nx by om/yl (333 11/23 Fournier-VA)

15335 0700 RB; EE Pacific Service (343 12/7 Brown-IL)

SPAIN

9360 2250 SFR; EE nx interview w/ Spanish scientist (333 11/24 Smith-FL)

9630 0105 SFR; EE nx ID (343 11/20 Alexander-PA)

11880 0125 SFR; EE "Tourist Guide" (444 11/20 Fournier-VA) (Crosby-NJ)

SWEDEN

9695 0240 RS; EE ne tlk abt Dannish political problems (433 11/9 Mellinger-NJ)

11705 0245 RS; EE nx cmt y on Iran (333 11/22 Alexander-PA) (Sanderson-AZ)

11905 0030 RS; EE wld nx (333 11/22 Slovinski-CA) (Audette-MA)

21615v 1300 RS; EE wld nx cmt y on Small pox (433 11/2 Davis-GA) (Woltman-WI) (Lippman-FL)

SWITZERLAND

3985 *0600 SRI; s-on polka mx mx (353 11/11 Boehm-TX)

7210 0600 RCBS; ? IS QRM by aro (311 11/28 Pettit-IA) (Kneaskern-NY)

9535 0700 SRI; EE "Dateline" nx (444 12/3 Brown-IL)

9560 0905 SRI; EE om w/ nx "Dateline" (333 12/6 Audette-MA)

9725 0425 SRI; EE ID IS "Dateline" (322 11/6 Smith-FL) (Slovinski-CA) (Davis-GA)

11715 0510 SRI; Italian om/yl nx (433 11/17 Smith-FL) (Prath-FL) (Davis-GA)

15305 0200 SRI; EE discussion of possible use of SSB (344 11/10 Dunn-CA)

17755 *1700 SRI; FF wld nx (333 11/12 Holland-NY)

17815 1315 SRI; EE nx "Dateline" (322 11/23 Zimmer-WI)

17830 1540 SRI; EE ID African nx (322 11/15 Hodson-MN) (Audette-MA) (Miller-CA)

SWITZERLAND cont

21570 1315 SRI; EE nx "DateLine" prgm (444 10/10 Woltman-WI) (Forbes-TX) (Davis-GA)
 21585 1812 SRI; EE IS ID TC nx (233 11/17 Smith-FL) (Prath-FL) (Davis-GA)

UNION OF SOVIET SOCIALISTIC REPUBLICS

RADIO KIEV

7150 0300 EE; s-on w/ nx (544 11/12 Boehm-TX) (Davis-GA) (Smith-GA)
 15240 0040 EE; "Hello from Kiev" (444 11/5 Stone-ONT) (Ray-PA)

RADIO MOSCOW

5900 0555 EE; om/yl cmtly on raising beavers in the USSR (343 10/11 Hensley-TX)
 6010 2150 EE; wld service rock and roll mx (434 12/3 Famularo-NJ)
 7165 2330 EE; om w/ prgm "Moscow Medley" (423 11/4 Davis-GA)
 7175 1400 EE; IS ID nx (533311/5 Boehm-TX) (Smith-CA)
 7242 0200 SS; IS (423 ? Pettit-IA)
 7320 0550 RR; om w/ dramatic reading (444 12/3 Smith-FL)
 7440 2320 EE; tlk on 46th anniversary of relations w/ the US (433 11/14 Fournier-VA) (Zilmer-WI)
 9490 2345 EE; "Roots and Fruits of Jazz" (454 11/4 Fraser-MA) (Pokatiloff-IL) (Shridharani-NY) (Davis-GA)
 9530 2342 EE; tlk on a soviet violinist (434 11/14 Fournier-VA)
 9610 0215 EE; men tlk abt radio and TV (444 11/12 McLean-NY) (Fournier-VA)
 9680 2300 EE; nx viewpoints (454 11/17 Fraser-MA) (McCurdy-CA)
 9700 0651 RR; mx (433 11/6 Smith-FL)
 11750 0600 RR; om/yl w/ mx (343 11/17 Smith-CA)
 11950t 0700 RR; light mx w/ short yl announcements (444 11/21 Kowalski-WI)
 11990 0730 RR; yl w/ nx and tlk on Vietnam (454 11/17 Smith-FL)
 12030 2300 EE; nx DX-prgm (444 10/20 Woltman-WI)
 12075 1925 EE; ID om/ People and Events (222 11/13 Hodson-MN)
 15135v 1446 EE; rock mx (222 10/21 Holland-NY) (Earhart-PA)
 15180 0213 EE; questions abt USSR (333 12/3 Gaede-CA) (Smith-CA)
 15280 1918 RR; om w/ nx (353 11/18 Smith-CA)
 15375 1458 EE; rock mx (222 10/21 Holland-NY)
 15460v 0630 EE; wld Service nx mx (333 11/21 Pokatiloff-IL) (Forbes-TX)
 15470 1705 EE; ID yl w/ Mideast nx (222 11/13 Hodson-MN)
 15525 1100 EE; nx (333 11/25 Zilmer-WI)
 15720 0651, RR; nx distorted sig (322 11/21 Smith-CA)
 17720 2200 EE; wld service (333 10/26 Hodson-MN)
 17730 1145 EE; "Just for Fun" (333 11/25 Zilmer-WI)
 17805 0500 EE; "News and Views" (333 11/5 Durnavich-IL)
 17825 0714 EE; tlk on benefits of Socialism (332 11/7 Eathart-PA) (Smith-CA)

RADIO RODINA

7215 0200 RR/ nx (444 12/1 Pettit-IA)
 9495 1455 RR; back-to-back mx selections (253 11/26 Levesque-IL)
 15455 1400 RR; IS ID nx (333 11/2 Smith-FL)
 17870 *2330 RR; om/yl ID IS tlk (454 11/16 Curnell-OR)

RADIO STATION PEACE AND PROGRESS

12030 1120 CC? cmtly by om tlk abt Iran and US (333 11/19 Davis-GA)
 17880 1500 FF; ID nx cmtly by om (333 11/17 Davis-GA)

RADIO VILNIUS

7150 2326 EE; "Letterbox" prgm (333 11/14 Fournier-VA)
 7215 2322 EE; prgm an ARO (444 11/14 Fournier-VA)
 15100 2300 EE; nx mx (444 11/22 Rzepka-WI) (Thompson-CA)
 17845 2310 EE; tlk on SALT cultural tlk and mx (343 10/10 Famularo-NJ)

RADIO YEREVAN

4040 1145 RR; opera and classical type mx (232 11/25 Prath-FL)
 15120 0000 RR; Trumpet IS (422 10/24 Pettit-IA)
 15180 0352 EE; ID nx (333 10/12 Lippman-FL)

UNITED KINGDOM

5975 0353 BBC; EE om anncr RR mx (454 12/3 Smith-CA) (Woltman-WI) (Kerrigan-IL)

UNITED KINGDOM cont

7185 0706 BBC; EE m. ID cmtly (323 11/21 Smith-FL)
 7325 2317 BBC; EE tik abt an essay contest (444 11/14 Fournier-VA) (Davis-GA)
 9410 0505 BBC; EE wld nx (433 11/4 Mappin-WA) (Fournier-VA)
 9750 1115 BBC; EE "World Radio Club" (333 11/26 Zilmer-WI)
 12040 1115 BBC; EE unlisted freq at ths time slot (342 11/27 Zilmer-WI)
 15070 0700 BBC; EE; nx tx (545 11/20 Valentine-) (Forbes-TX)
 15270 1125 BBC; EE "Ulster Newsletter" (343 11/30 Zilmer-WI)
 18080 1442 BBC; Hindi tik by om/yl (454 11/10 Yajko-PA)
 21710 1740 BBC; EE; "My Word" prgm (343 11/11, Blaize-LA)
 25650 1430 BBC; EE "Hitch hikers guide to the Galaxy" (545 11/11 Fraser-MA)

VATICAN CITY

6015 0108 VR; EE features on alcoholism (343 12/3 Coomler-CA) (Earhart-PA)
 6190 2030 VR; EE yl w/ ID om w/ tik on alcoholism (322 12/3 Audette-MA)
 6210 0655 VR; Latin mass (343 12/1 Earhart-PA)
 7250 2035 VR; EE; tik on the Popé's visit to Turkey (322 12/2 Audette-MA)
 9605 0115 VR; FF om w/ rel cmtly (444 11/26 Duran-NJ) (Hodson-MN) (Davis-GA)
 9645 0636 VR; Latin mass (333 11/6 Smith-CA) (Davis-GA)
 11740 0636 VR; Latin mass (324 11/24 Loren-CA)
 11845 0100 VR; EE ID by yl (434 11/3 Davis-GA)

YUGOSLAVIA

9620 2202 RB; EE ID om/yl anncr w/ nx (323 11/6 Davis-GA) (Audette-MA) (Forbes-TX)
 (Prath-FL) (Hasselkus-OH) (Blom-NY)
 17900 1700 VR; EE rel nx and interviews (443 11/25 Zilmer-WI)

And now the following from the BBGMS. All items are copywrited.

USSR

Information recieved recently from Radio Moscow shows that Radio Moscow World Service is currently beamed as follows;

0400-0600 Africa, Asia, Australia, Europe, Middle East, and East coast of North America.
 0600-1300 Africa, Asia, Australia, Europe, and the Middle East.
 1300-1400 Africa, Europe, and the Middle East.
 1400-1600 Africa, Europe, Middle East, and North America.
 1600-1700 Africa, Asia, Europe, and North America.
 1700-1800 Asia, Europe, and North America.
 1800-2000 Africa, Europe, and North America.
 2000-2100 Australia and North America.
 2100-2300 Africa, Australia, Europe, and North America.

Greece

0001-0150 11730, 9655, 9515. EE nx from 0015-0025.
 0200-0350 " " " EE nx from 0215-0230.
 1200-1250 17710, 15125, 11730 EE nx from 1215-1230.
 1500-1550 " " " EE nx 1515-1530.

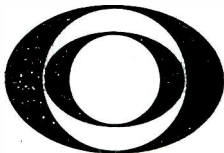
NETHERLANDS

Radio Nederland can be heard on the following sked to North America.

EE;		DD;
0230-0325	B9590, B6165	0030-0125 B15315, B6165
0530-0625	B9715, B6165	0430-0525 B9590, B6165

Well that is about it for this month. I hope all of you had a nice Christmas and got a lot good radio gear. See you in February. 73's

TIM
TIM



SWBC DX

AFRICA



Editor: WAYNE OLIVER
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 BRADFORD MA 01830



FEBA
 Seychelles

Radio Television Kaduna

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

I hope everyone had a fine Christmas and are starting out the New Year with some good DX!!! I myself received a new ferrite loop antenna from Radio West, and preliminary indications are that it will be a fantastic DX aid on 60-120 meters. Some interesting news from the BBCMS about Gabon was received this month, I hope to include this later...60 reporters this month...7 first timer's...thank you for your support...just a reminder that all dates/times are GMT...frequencies are in kilohertz.....

ALGERIA

9610 2115 Radio Algiers: EE OM/YL nx,wx,mx (333 11/23 Ray-PA)(Blom-NY)
 11614v 2102 Radio Algiers: EE Afr nx (544 11/24 Zilmer-WI) //9610/11810
 11645v 2100 RA: EE ID, ann freqs of 7135/9610 and 11740 (343 12/2 Zilmer)
 11810 2102 RA: EE nx, cmmtty //9610/11614 (322 11/24 Zilmer-WI)
 15370 2350 RA: AA OM nx, border problem with Morocco, Moslem New Year (444 11/20 Mellinger-NJ) Craig mentions that this was logged over 'the back fence' w/his RF2600 and a neighbor who speaks AA translating for him.....PB!! wlo

ANGOLA

9615t 1543 Radio Nacional: YL w/PP tlks, EZL mx to 1559, ID's heard as "Radio Nacional" (432 12/1 Thompson-CA)

ASCENSION ISLAND

6180 2330 BBC-Atlantic Relay: EE mx show w/"Charlie Daniels Band" (444 10/18 Blom-NY)
 9580 0305 BBC: EE nx of Anthony Blunt (sic) (433 11/18 Berkholtz-MN)
 11860 0703 BBC: EE WS nx (333 11/17 T. Smith-CA)
 15260 2305 BBC: EE WS nx, rlg nx (544 11/5 Davis-GA)(Berkholtz-MN)
 15400 2000 BBC: EE nx of Saudia Arabia (333 11/24 T. Smith-CA)
 17885 0311 BBC: EE cmtty on Leyland motors (444 11/20 Berkholtz)(Blom)
 21550 1630 BBC: EE "Science Review" (444 10/27 Berkholtz-MN)
 21660 1427 BBC: EE mx (333 11/25 Berkholtz-MN)

BENIN

4870 2155 ORTB: FF afro mx, tlks (242 11/25 Ray-PA)(Crosby-NJ)(Blom)

CAMEROON

4850 2140 Radio Yaounde: FF ID, tlks (444 10/18 Blom-NY)
 9745 2105 Radio Yaounde: FF pop mx, ID at 2120 by YL (433 11/28 Donly)

CANARY ISLANDS

15365 2055 REE: SS mx, Canary Island ID (11/18 Holland-NY)

CONGO

3264 2300 RTC-Brazzaville: FF OM tlks (232 11/17 Alexander-FA) Thanks
 15190 1657 RTC: FF ID,address, 1659* (333 11/11 Evans-TN) for all of your Xmas cards!!!

EGYPT

9475 0025 Radio Cairo: SS YL tlks, AA mx (444 11/21 Duran-NJ) +8rptrs
 9805 2310 Radio Cairo: EE tlks, pop mx interlude (433 11/25 Miller-CA)
 15375 2138 RC: EE cmmtty, "Voice of Africa"pgm (332 11/11 Famularo) +8rptrs
 12050 0215 RC: EE nx from Cairo (444 11/24 Rudolph-AL)
 17670 1718 RC: AA tlks, mx (good 10/21 Holland-NY)
 17920 1310 RC: EE stamp pgm, mx, ID "...to Asia" (433 11/16 Forbes-TX)

ETHIOPIA

9615t 1805 VORE: EE tlks, severe QRN (222 12/9 Howell-CA)

EQUATORIAL GUINEA4926 2115 LV de Rio Muni: SS ID's, local mx, ID as "Radio Ecuatorial, Bata, La Voz de Rio Muni" (343 11/18 Yajko-PA)
5005 2123 LV de Rio Muni: SS tlks by OM, ID at 2128, NA, 2130* (433 11/11 Yajko-PA)(232 11/11 Alexander-PA)GABON3300t 0603 RTVG: FF OM tlks, still active??? (252 11/23 Howell-CA)
4777 2300 RTVG: FF mx, ID (323 11/10 Pettit-IA) + 5 other reporters!
9710 0554 Africa #1: FF tlks, EE address (544 11/13 Miller-CA) +5
11915 1240 Africa #1: EE OM asking for rpts (443 11/24 Audette) +2
11940 1900 Africa #1: FF OM ID, EE ID at 1911 (454 12/5 Audette)+3
15200 0720 Africa #1: EE/FF/SS/PP/SW/GG/II/AA ID's (443 11/13 Lucas-CA)
15205 1840 Africa #1: EE contest info, ID at 1855 (444 11/24 Audette-MA)
15265 2030 Africa #1: Frequent EE ID's, wants rpts (333 11/15 Brown-FL)
17830 0604 Africa #1: FF disco-type mx, EE ID (11/20 Ruckman-OH)
17860 0600 Africa# 1: Mx, multi-lang ID, contest (544 11/13 Byron-NY)

The following is from the BBCMS....The magazine "Jeune Afrique" in its 11/14 issue carried an article about the 4x500kW SW xmtrs in Moyabi. It stated that for the past two years, since they were handed over by Thompson CSF to the Gabonese govt, they had remained silent....The estimated costs of operation were far beyond the financial resources of Gabon....Test transmissions began in September... the response was excellent with over 40,000 listeners replying already. If all went well, Africa #1 would be operational in a years time...Africa #1 is a French/Gabonese company, the main shareholders of which are the Govt of Gabon (majority holding) and the French public establishment SOFIRAD (30% share). Other shares are held by the French publicity agency Havas and Bory, a publisher from Monaco. The commercial use of the xmtrs, has been broadly mapped out and the first year's budget would be 20 million fracs. Revenue would come from the sale of broadcasting time to advertisers through Havas, to Radio France Internationale, and American Protestant churches....As far as domestic programs are concerned, they will probably be devoted to musical broadcasts and competitions, it remains to be determined what style the news portions will take.... A lot remains to be done, included are; the fitting-out of the studios, the equipment, for which was already in the port of Libreville.....BBCMS

GHANA3366 2245 Accra #2: EE spiritual message(332 2305* 11/20 Donly)(Yajko)
4915 2210 Accra #1: EE/vern tlks, rlg pgm (232 11/23 Alexander-PA)+3
6130 2200 Radio Ghana: EE ID, live best from night club (422 11/17 Semesky-IN)GUINEA

4910 0640 Radio Nationale: FF OM tlks,nx,ID (323 12/9 Howell-CA)+3

IVORY COAST4940 2230 RTVI: FF tlks, jazz music; nx (534 11/11 Yajko-PA)
7215 2230 RTVI: French drama, QRM de Vilnius, ID (333 Evans-TN) +2LIBERIA3227 2217 ELWA: Vern rlg pgms, afro mx (322 11/11 2220* Yajko-PA)
4770 2130 ELWA: EE news of Africa (222 10/18 Blom-NY) +5 others
6035 0335 VOA: EE "Breakfast Show" (322 11/4 Ruckman-OH) +2
7280 0445 VOA: EE "Breakfast Show"(333 11/30 Hasselkun-OH)(Smith-CA)
11830 0652 ELWA: OM sermon in Hausa to We.Gent. Africa (343 11/17 Smith)
11835 *2015 ELWA: IS, s/on into AA news (444 11/11 Yajko-PA)
11860 1830 ELWA: Hausa Gospel program (333 10/10 Constantinides-Greece)
15235 0801 UN RADIO: EE "UN Africa" program, ID 0814* (333 Lattemann)
17870 1714 VOA: EE world news, ID's (433 11/12 Lippmann-FL) +4LIBYA9500 2240 SPLAJBC: AA tlks, "Sabrata" mentioned (433 11/27 Lucas-CA)
11690 2125 SPLAJBC: "Voice of Arab Homeland" pgm (433 11/25 Evans-TN)
17930v 2115 SPLAJBC: Taped rally, EE chants in background, not // 9500 until rally tape ended // with mx,tlk at 2143 (243 12/1 Famularo-NJ)(353 12/3 1228 AA Earhart-PA)

Getting our first real taste of cold weather in the Northeast this week!!!
As I am typing this the temp is -21 degrees Celsius, last week it was 21!!!

MADAGASCAR

11730 2035 Radio Nederland: EE "Happy Station" (453 12/2 Worrel-ND)+3
 15220 *2030 Radio Nederland: EE "Happy Station" (243 11/18 Kern-CA)+4
 21480 1455 RN: EE "DX Jukebox" //17855 covered by VOA (333 Audette-MA)+4
 21685 1619* RN: Dutch s/off at 1619 (454 11/18 T. Smith-CA)

MALI

5995 2200 RNM: Afro pop mx, Donna Summer mx, FF tlks (333 11/3 Alexander)

MAURITANIA

4845 0627 RNM: AA chants, anns, more chants (232 12/4 Lattemann-WA)

MAURITIUS

9710 0600 MBC: French ID and news (222 10/10 Constantinides-S. AFRICA)

MOROCCO

21735 2200* RTVM: AA OM tlks, off abruptly (353 11/18 T. Smith-CA)

MOZAMBIQUE

4855 1800 Voice of Zimbabwe: EE pgm beamed to Zimbabwe (555 10/7 Constantinides-South Africa) Costa..thanks for the info..wlo

NIGERIA

4990 2130 FRC-Lagos: EE ID, TC 10:32 local, (232 12/6 Audette-MA)+ 4
 6090 2120 RTVK: English nx, native mx (222 10/18 Blom-NY) ID??? wlo
 7255 0445 Voice of Nigeria: EE world nx (333 12/1 Maise-LA) +6 others
 11770 2055 VON: Afro mx, local TC off by 5 min (434 11/24 Yajko-PA)
 15120v 0551 VON: Ragtime mx, EE ID drifting + 2kHz (poor 11/8 Lippmann)

RWANDA

9735 2250 Deutsche Welle: GG tlks, ID mentions Kigali (444 11/24 Hrivnak-IL)
 15410 2300 DW: GG Folk mx (exc 10/20 Holland-NY)(444 11/12 Berkholtz)

SAO TOME E PRINCIPE

4807 2200 Radio Nacional: PP ID, news,music (fair 11/22 Gavaras)

SENEGAL

4890 0720 Radio Senegal: Vern pgm w/short anns (353 11/11 Boehm-TX)+3

SEYCHELLES

15160 *1700 FEBA: IS,mx, s/on in ??? lang (544 11/24 Pettit-IA)
 15405 *0305 FEBA: IS, s/on into Farsi (344 11/11 Martin-RI)

SIERRA LEONE

5980 0647 SLBC: Vern tlks, AA style chants (322 12/9 Howell-CA)

SOMALIA

9585 1945 Radio Mogadishu: AA OM/YL tlks, 2000 ID/nx (444 Audette-MA) (333 11/24 1944 Somalian Oexner-F.R. of Germany)

SOUTH AFRICA

3250 2205 SABC: EE musical request pgm (343 11/24 Yajko-PA) +4
 4835 2110 SABC: S.Af regional wx (343 11/24 Audette-MA) + 3
 4880t 2120 SABC: Country mx, vern anns, no ID (343 11/24 Audette-MA)
 11900 0210 RSA: EE economic program, ID's "Africa Today"(555 Crosby)
 11935 0411 SABC: EE nx followed by cmty, ID at 0413 (good 10/12 Lippman)
 15155 0100 RSA: EE OM nx, anns, into mx (444 11/22 Duran-NJ) +9 others
 15220 0245 RSA: Nx about Zimbabwe/Rhodesia peace tlks (Berkholtz-MN)+4
 17780 0230 RSA: R. RSA is certainly picking the right bands, in contrast to many other stations which think everything above 12 MHz dies at night-now here for D79 to NAM, however per 11/4 0230 check they didn't pick the right frequency, as VOA Spanish program is already on it !!! (Hauser-TN)
 21535 *0700 RSA: IS, FF ID, nx (232 11/18 Alexander-PA) +6 other reports
 25790 1428 RSA: EE OM anns, light mx, TC, ID (454 11/4 Oexner-FRG)

SWAZILAND

5055 0312 Trans World Radio: EE tlk on naturalists (433 11/11 Yajko)
 9640 0358 TWR: Afrikaans tlk, IS, ID in EE (422 11/30 Zilmer-WI)
 Fred Valentine of California has been vacationing in Africa, and has sent along some nice loggings, but the freqs are all very approx...Fred maybe next time you can take along a better receiver!!!!

TANZANIA

4785 *0300 Radio Tanzania: Celeste IS, OM Swahili ID (332 12/9 Howell)

TOGO

3222 2214 RTT-Lama-Kara: FF pgm of local and American pop mx s/off w/NA at 2229* (343 11/19 Donly-SC)
5047 0530 RTT: FF world nx, ID at 0537 (333 11/28 Martin-RI)

TUNISIA

7225 0800 RTT: AA chants,mx heard //15225 (333 11/11 Alexander-PA)

UGANDA

15250 ---- Radio Uganda:Bob Rzepka sends this "Looks like we won't be able to listen to Radio Uganda on 15250 at 1800 anymore. WINB from Red Lion,PA has taken over that channel with religious programming. (Rzepka)
15325 0310 Radio Uganda: EE OM nx, mx (444 11/8 Ray-PA) +18 other rpt's

AFRICAN DRUMBEAT

From Richard Ginbey, South Africa: Gabon's schedule as it appears in my December report is...Mon-Sat 0600-1000 on 15200/17830(Africa)/21640 (M.E.), 1800-2130 on 11915/11940/15200(Africa). That is the sked currently being announced, it differs slightly from my own observations where 15200 started at 0700 and 9710 was also in use. In the 1800 slot 11940 was replaced by 7180 or as an alternative, and 15265 also on the air to the Middle East. The Middle Ease transmission is separate to transmissions intended for Afr. and consists mainly of Arabic music with ID's in FF/EE and AA. The Africa bcst is in FF/EE and Swahili. Both carry multi-lingual ID at s/on and s/off in FF/EE/SW/PP/SS/GG/II and AA.....The South African B.C. All Night Service announcer died suddenly last week which has resulted in changes to that service. The late "Night Beat" originally sked by Radio 5 Fri & Sat 2200-2400 as of 1 December has now been made daily and starts off the All Night Service at 2204 after the retimed Afrikaans nx bulletin from 2230 to new 2200. Two very drippy Radio 5 so-called DJ's run this dreadful show. Radio 5 also has 4 news bulletins a day...English at 0500/1500 and Afrikaan 1100/2000...This is supposed to be some sort of counter move aimed at luring listeners away from Capital Radio. What a hope! Capital Radio will be on 10 kW on SW from 26 December (possibly) in 75 meterband (mornings & evenings GMT) and in the 25 meterband (daytime GMT) frequencies are not official as of yet. Power goes to 50 kW round about April 1980, xmtr located near Umata.....Thanks Richard for this information....wlo.....
Libya: Tripoli is now using a new freq of 17930 for programs in Arabic 1000-2200 in parallel with 9500,11690 and 11715 kHz (Heldt and Vcelar)
SWAZILAND: Trans World Radio can be heard on the new freq of 15195 instead of 15410 for English 1630-1800 (Hermans)CHAD: N'djamena is now back on the air on the old freq of 4904.5, after being off the air since early February (following the civil war in Chad). Reported various times between 1700 and 2017 sign/off in French Purmann/Steidinger/Petersen).....
MADAGASCAR: The Radio Freedom program reported in #1555 (last month's SPEEDX) is on a new freq of 5010, in parallel with 6135 kHz 1800-1855.(Vcelar) Just received newest SCDX bulletins and above Swaziland listing is already obsolete...new English TWR-Swaziland sked is 0430-0630 on 5055/9640.... 0645-0835 on 7195 and 11910...1200-1415 on 7195 kHz....1530-1600 on 11840. 1600-1700 on 7160 and 11840 kHz. 1800-1920 on 5950 kHz...(Vcelar)

From the BBCMS comes this information: Since 4th November Moroccan Radio's domestic service in Arabic has been carried on shortwaves through facilities provided by VOA relay station in Tangier according to the following sked:

1000-1100	15360/15335 kHz	1100-1600	73's	21735/15360/ 15335
1600-1800	21735/15360/15160 kHz	1800-2200	Wayne	21735/15160/9540 kHz
2200-2400	15155/6170/6090 kHz	2400-0100		15155/6170 kHz

Well that's about all the DX news I have for you this month!!! If anyone has used a Radio West ferrite loop antenna, I would appreciate any comments and suggestions for use that you may have....Good DX'ing is waiting for all...It would be great if we could break 100 reporters next month... please share your loggings/tips with all of the SPEEDX "family." 73's.....

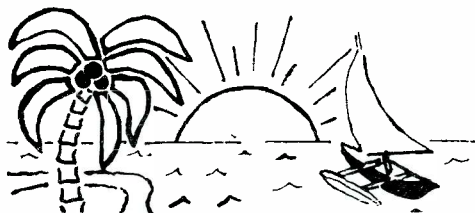
ASIA-OCEANIA

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

0000=sign on 0000=sign off



ASIA

AFGHANISTAN

15075 *1900 R. Afghanistan: EE w/ ID's, ancmts (222 11/15 Moman-ALB)

BANGLADESH

15285 1815 R. Bangladesh: EE w/ wld nx, SEA nx, pop/Asian mx (333 11/15 Hasselkus-OH)
(Constantinides-S. AFRICA)(Vranes-PA)(Moman-ALB)

BURMA

5985 1440 BBS: EE w/ C & W mx, clear ID by OM: "This is the BBS", nx, // 5040 (432 11/26 Mayer-CA)

CHINA

2740 1127 Fujian 1: CC w/ mx, cmtly by OM (253 11/19 Moore-PA)
2475 1111 Zheijiang 1: CC w/ cmtly, local mx (252 11/19 Moore-PA)
3340 1129 Heilongjiang: CC YL w/ tlk, CC mx (222 11/14 Cucura-PA)
3660 1456 R. Peking: CC oriental mx w/ short YL ancmts (443 11/26 Mayer-CA)
4045 1411 Fuzhou: CC mx, OM/YL tlk, ments of Peking, Shanghai (433 11/13 Lattemann-WA)
4750 1138 Heilongjiang: CC mx w/ tlk by OM, time pips, YL w/ nx (232 11/16 Cucura-PA)
4952 1124 Xilinhot: CC YL w/ cmtly, instr. mx @ 1129 (252 11/20 Moore-PA)
4975 1356 Fuzhou: EE/CC w/ EE lesson, time pips @ 1400, into CC, no EE ID (232 11/20 Lucas-CA)
4990 1440 Hunan: CC w/ CC mx by YL (433 11/13 Lattemann-WA)
5240 1015 FFS 1: CC w/ tlk pgm, mx (232 11/24 Prath-FL)(Dunn-CA)
5265 1005 FFS 1: CC w/ local mx, tlk by YL (242 11/24 Prath-FL)
5295 1505 RP: EE nx, cmtly on Cambodia, editorials, YL ID @ 1515 (232 11/14 Lucas-CA)
5770 0950 FFS 2: CC tlk by YL/OM (332 11/24 Prath-FL)(Brewer-TN)
5950 0840 Heilongjiang: CC w/ YL singing, tlk, // 4925 (343 11/24 Lattemann-WA)
6665 1050 Beijing 1: CC tlk by YL, local mx, QRM (242 12/2 Prath-FL)
6765 1055 FFS 1: CC tlk by OM/YL, wild singing (222 12/2 Prath-FL)
6790 1105 RP: CC tlk by OM/YL, beamed to Taiwan (322 12/2 Prath-FL)
7504 1150 Beijing 1: CC tlk, // 7516 (332 12/2 Prath-FL)
7516 1145 Beijing 1: CC tlk, QRM (222 12/2 Prath-FL)
7770 1125 Beijing 2: CC tlk by OM, play? (232 12/2 Prath-FL)
7850 1115 FFS 1: CC vocal mx, tlk, unusually good signal (333 12/2 Prath-FL)
9820 1226 RP: EE tlk on NATO/USSR, story (444 11/29 Famularo-NJ)(Prath-FL)(Yajko-PA)
11445 0045 RP: SE tsk, tlk by YL (443 11/22 Prath-FL)
11695 0111 RP: EE cmtly on U.S. hostages in Iran (333 11/16 Yajko-PA)(Lucas-CA)(Audette-MA)
12200 1240 Beijing 2: CC mx, YL annor, tlk (233 11/21 Trummel-IL)
15030 0019 Beijing 2: CC OM/YL w/ excited tlk (443 11/18 Mayer-CA)
15115 2305 RP: EE nx, ID, tlk on Premier's visit to the UK (433 10/30 Smith-FL)(Prath-FL)
(Berkholtz-MN)(Audette-MA)
15520 0100 RP: EE wld nx on Soviet military leaders (444 11/13 Stone-ONT)(Pokatiloff-IL)
15590 0038 RP: CC YL w/ long tlk, ukelele mx (444 11/24 Mayer-CA)
15600 0205 RP: EE nx, CC mx, cmtly (232 12/1 Audette-MA)(Prath-FL)
17680 0230 RP: EE ID by OM, freqs., s/off (333 11/4 Forbes-TX)(Prath-FL)(Maise-LA)++++
17705 0020 RP: CC w/ OM tlk, CC mx (252 12/2 Smith-CA)
17855 0127 RP: EE ID by YL, cmtly (333 11/14 Berkholtz-MN)(Kneaskern-NY)

CYPRUS

7230 2210 CBC: Greek IS, s/on @ 2215, nx of Cyprus, drama w/ mood mx, 2244* (433 12/1 Donly-SC)
21660 1520 BBC relay: EE w/ wld nx, cmtly on Rhodesia, BBC ID's, QRM slop de 21655 (232 12/7 Lucas-CA)(Forbes-TX)

- INDIA
11620 2210 AIR: EE w/ nx by YL, tlc on Indian Elections (433 10/27 Hodsdon-MN)(Moman-ALB)
(Rudolph-AL)(Trummel-IL)(Kern-GA)(Brewer-TN)
15205 *1000 AIR: EE nx, rel. readings, mx (444 11/2 Holland-NY)
15335 1335 AIR: EE w/ tlc (434 11/18 Constantinides-S. AFRICA)
- INDONESIA
3215 1150 RRI Ujung Pandang: Indo w/ mx pgm, YL DJ, EZL mx, ID @ 1200, time pips, nx
by OM (343 11/24 Levesque-IL)(Blaise-LA)
3250t 1155 RRI Banjarmasin: Indo? // w/ other stations, nx, could not verify ID for sure
(222 11/10 Blaise-LA)
3265 1155 RRI Bengkulu or Gorontalo: Indo. "Love Ambon" @ 1200, no ID heard (222 Blaise-LA)
3346 1155 RRI Ternate or Pontianak: Indo w/ weak signal, modulation too muffled for
good ID (322 11/10 Blaise-LA)
4719 1215 RRI Ujung Pandang: Indo mx, tlc, // 4753 (222 11/22 Alexander-PA)(Brewer-TN)+
4845 1210 RRI Ambon: Indo w/ RRI nx, reliable reception here (333 11/10 Blaise-LA)
4875 1215 RRI Sorong: Indo // w/ other RRI stations (333 11/10 Blaise-LA)
11790 1424 VOI: EE mx, ID, tlc on non-aligned nations (233 12/1 Famularo-NJ)(Crosby-NJ)
(Blom-NY)(Cucura-PA)(Viscusi-CT)
15200 1300 VOI: FF nx (323 11/18 Constantinides-S. AFRICA) Tnx for the postcards Costa..jwm
- IRAN
9022 1940 VOIRI: EE ID, nx by OM abt. Embassy takeover, tlc on Cyrus Vance, patriotic
mx, YL tlc (222 11/12 Hodsdon-MN)(Oexner-FRG)(Lippmann-FL)(Trummel-IL)(Crosby-NJ)
(Messineo-MA)(Hauser-TN)(Yajko-PA)(Audette-MA)(Viscusi-CT)(Nolden-CT)(Ray-PA)++++
15004 1956 VOIRI: Persian mx, tlc, ment of Iran (??? 11/18 Holland-NY)(Berkholtz-MN)++
- IRAQ
9745 2125 R. Baghdad: GG w/ ID by OM, QTH, AA chanting (444 11/25 Hrivnak-IL)(Willis-PA)
(Earhart-PA)(Kowalski-WI)(Yajko-PA)(Moman-ALB)(Semesky-IN)
- ISRAEL
7412 2235 IBA: EE w/ interview on education, nx @ 2255, mx, freqs. (454 11/30 Earhart-PA)
(Berkholtz-MN)(Audette-MA)(Muster-GA)
9372 2240 IBA: Hebrew w/ HS pgm (343 12/2 Zilmer-WI)
9815 2229 IBA: EE IS, time pips, TC, freqs., mx, nx, into Hebrew @ 2300 (444 11/26
Thompson-NM)(Yajko-PA)(Blom-NY)(Rudolph-AL)(Smith-GA)
11610 2215 IBA: Hebrew w/ HS pgm (443 12/2 Zilmer-WI)
11620 1200 IBA: EE nx, "This Week" (342 11/24 Zilmer-WI)
11637 0125 IBA: EE experimental freq., pop mx, ID (433 11/12 Kratter-NY)(Zilmer-WI)(353
Earhart-PA)(Rudolph-AL)(Smith-GA)(Audette-MA)
11655 0500 IBA: EE tlc on Egypt's export of oil to Israel, nx, wx (554 11/26 Byron-NY)
(Holland-NY)(Maise-LA)(Dunn-GA)
11960 2000 IBA: EE w/ nx, "TGIF" (322 11/23 Zilmer-WI)
17560 1200 IBA: EE nx, wx "This Week" (242 11/24 Zilmer-WI)(Audette-MA)
17615 1200 IBA: EE nx, wx, "TGIF" (252 11/30 Zilmer-WI)
17630 1510 IBA: Hebrew w/ local mx, tlc by OM w/ ment of Khomaini (353 11/22 Prath-FL)(343
Earhart-PA)(Holland-NY)
17645 2000 IBA: EE ID, nx, "Israel Pop Sound" (444 11/6 Semesky-IN)
21495 1220 IBA: EE "Israel Mosaic", interview, ID, ad, // 25640 (232 12/2 Audette-MA)
25640 1220 IBA: EE "Israel Mosaic", // 17560, 17605 (343 11/25 Audette-MA)(Earhart-PA)
- JAPAN
3925 1535 NSB: EE OM/YL discussion on the working woman in Japan (434 11/24 Coomler-GA)
(Arita-JAPAN)(Thompson-CA)(Lucas-CA)
6115 0845 NSB: EE w/ "Tokyo Forum" (444 11/26 Arita-JAPAN)
9505 1602 RJ: EE wld nx by OM, ID (243 11/12 Lippmann-FL)(Prath-FL)(Smith-FL)(Grenier-CA)
9585 1428 RJ: EE ID, into JJ @ 1430 (343 11/10 Ray-PA)(Audette-MA)(Cucura-PA)
9595 1530 NSB: EE pop mx, nx, f/out @ 1600 (331 11/12 Hasselkus-OH)(Arita-JAPAN)
11780 0416 RJ: JJ w/ OM tlc, QRN (433 11/17 Smith-GA)
15195 *2300 RJ: EE ID, freqs./sked, wld nx, // 17755, 9505 (423 11/8 Lippmann-FL)
15270 0502 RJ: EE/JJ w/ nx, ID, "Current Topics", tlc (454 11/22 Smith-FL)(Berkholtz-MN)
(Owsley-CA)(Smith-CA)
17825 0130 RJ: EE ID's, freqs., nx, "Current Topics", mx, vocals (454 11/30 Thompson-NM)+
17755 0005 RJ: EE ID, weekly nx review, JJ @ 0015 (322 11/5 Hodsdon-MN)(Owsley-CA)(Ray-PA)
(Grenier-CA)(Famularo-NJ)(Heyman-NY)(Yajko-PA)
17880 0115 RJ: EE w/ cmt, JJ @ 0115 (343 11/10 Yajko-PA)(Audette-MA)
21640 0210 RJ: EE "Hello America" w/ mailbag, ID (454 11/4 Forbes-TX)(Pokatiloff-IL)
- JORDAN
9560 1700 R. Jordan: EE ID, TC, nx by OM, ID @ 1715, pgm of lite Western style mx (242
12/6 Donly-SC)

KAMPUCHEA

9695 1200 VOKP: EE YL w/ s/on ancmts, YL/OM nx (322 11/12 Coomler-CA)(Blaize-IA)(252 Moore-PA)(Hasselkus-OH)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

2745 0828 Sinuiju: KK w/ OM anncr, choral mx (443 12/5 Thompson-CA)(Moore-PA)(Cucura-PA)
 2850 1145 KCBS Pyongyang: KK instr. mx, YL w/ cmt (252 11/20 Moore-PA)
 3320 1031 R. Pyongyang: KK w/ tlk by YL, symphonic mx interlude, OM tlk (232 Thompson-CA)
 4115 1417 VRPFR: EE w/ YL tlk on Iran, ID @ 1427, martial mx, 1428* (422 Lattemann-WA)
 9977 2300 RP: EE ancmts, ID, nx by OM/YL, cmt (232 11/16 Alexander-PA)(Earhart-PA)(333 Rzepka-WI)(Forbes-TX)(Durant-NJ)(Phillips-CT)

PEOPLE'S REPUBLIC OF KOREA

7550m*1300 RK: EE w/ history of Korea, mx, discussion (333 11/23 Dunn-CA)(Zilmer-WI)
 9525 *0928 RK: KK OM/YL w/ KK/EE ID's, into KK pgm, nx (444 12/6 Audette-MA)
 9720 1625 RK: EE ID, history of Korea, freqs. (333 10/26 Hodsdon-MN)(Famularo-NJ)(534 Thompson-CA)(Cucura-PA)(Grenier-CA)
 9870 1245 RK: EE nx, cmt, mx, freq: sked @ 1330, s/off (343 12/2 Zilmer-WI)
 11830 1615 RK: EE ID @ 1615, "Melodies of Korea" pgm, // 9720 (333 11/24 Audette-MA)(333 Zilmer-WI)(Pettit-IA)(Thompson-CA)
 12090 1304 RK: EE ID by YL, tlk on foreign trade (343 11/20 Forbes-TX)
 15385 *2300 RK: EE w/ oriental IS, difficult to understand tlk, mx, 2330* (322 Pettit-IA)+
 15570 2305 RK: EE wld nx, ID: "This is Seoul...", nat. nx (333 11/8 Lippmann-FL)(Hodsdon)(Berkholtz-MN)(Famularo-NJ)(Kneaskern-NY)(Mappin-WA)(Phillips-CT)

KUWAIT

11665 2030 R. Kuwait: EE pgm of poetry and lite mx, ID, sked, 2100* (433 12/1 Famularo-NJ)(Audette-MA)
 11690 1930 RK: EE w/ pop mx, ID's, nx (423 11/11 Hasselkus-OH)
 2145 0500 RK: EE w/ Western mx, nx @ 0530 (232 11/9 Moman-ALB)(Lippmann-FL)(Forbes-TX)

LAOS

4656 1140 Houa Phan: Lao? OM/YL tlk, local mx by OM, ID @ 1155, nx @ 1200 (333 11/7 Cucura-PA)
 6912 1136 Oudom Xay: Lao Soung YL w/ tlk, vocal mx by OM, YL ID @ 1200 (333 11/7 Cucura-PA)

LEBANON

6550 1634 V. of Lebanon: EE w/ nx by YL, ID, cmt (443 11/2 Oexner-FRG)(Hauser-TN)(weak but clear Lobdell-MA)

MALAYSIASarawak

4950 1440 RMS Kuching: EE nx, EZL mx (222 12/1 Grenier-CA)(Mayer-CA)(Curnell-OR)+++

MONGOLIA

12070 1224 R. Ulan Bator: EE nx by YL, ID @ 1232, cmt, pgm of lite/classical mx (333 11/13 Donly-SC)(Cucura-PA)

OMAN

11890 0256 R. Oman: AA w/ native folk mx after Chile s/off, clock bells @ 0259, into nx in AA by OM w/ ments of Zimbabwe Rhodesia, AA ID by OM @ 0317: "(Huna?) Oman", into folk mx and tlks, hetted by RBI @ 0321 (fair to poor 12/7 Lobdell-MA)

PAKISTAN

11675 1700 R. Pakistan: EE w/ nx, wx, // 15470 (322 11/24 Zilmer-WI)
 15470 *1700 RP: EE wld nx by OM, ID's, cmt on refugees (fair 10/13 Lippmann-FL)(Moman-ALB)(Kneaskern-NY)(Hasselkus-OH)
 17640 1650 RP: EE w/ 5 minutes of nx, local mx, // 21605 (232 11/24 Zilmer-WI)
 17662v 1739 RP: EE nx to 1744, IS, ID, s/off (322 11/24 Zilmer-WI)
 17830 *0230 RP: EE w/ slo-speed nx (333 10/20 Blom-NY)(Berkholtz-MN)(Kavalesky-OH)
 17845nf0301 RP: EE w/ regular speed nx, tlk on Iran, ID @ 0305, tone @ 0316, mx, into lang. @ 0330, // 21590 (444 11/14 Lippmann-FL)
 17910 1610 RP: EE ID by OM on GOS svc., slo-speed nx, 1615* (222 11/17 Hodsdon-MN)(332 Zilmer-WI)(Leeman-RI)(Miller-CA)
 21590 0241 RP: EE w/ slo-speed nx, ID, s/off @ 0245 (343 11/8 Moman-ALB)(Mellinger-NJ)++
 21605 1650 RP: EE w/ 5 minutes of nx, // 17640 (322 11/25 Zilmer-WI)
 21755 1608 RP: EE nx on Indian-Pakistani relations, ID, 1615* (444 11/3 Lippmann-FL)(343 Zilmer-WI)(Brewer-TN)

Hope everybody had a nice XMAS. Tnx for the XMAS greetings sent at this QTH.....jwm

PHILIPPINES

- 11715 1339 VOA relay: EE w/ old time pop mx (353 11/25 Earhart-PA)
- 11945 1228 RVA: JJ w/ EZL mx, ID @ 1230, OM/YL tlk (544 11/13 Miller-GA)
- 15290 2220 VOA relay: EE YL w/ tlk, mx, fluttery, QSB (343 11/24 Audette-MA)
- 15450 2330 FEBC: EE wld nx pgm, cmty by OM (333 11/30 Maise-LA)(Yajko-PA)(Lippmann-FL)
- 17790 0030 RVA: EE w/ DX pgm, interval signal contest, wld nx (222 11/24 Fisher-MA)
(Miller-CA)(Alexander-PA)(Famularo-NJ)(Hasselkus-OH)
- 17810 0000 FEBC: EE IS, contemporary mx, ID by OM, sked (353 11/29 Famularo-NJ)(Crosby-NJ)
(Zilmer-WI)(Fisher-MA)(Kneaskern-NY)(Kern-CA)(Audette-MA)(Thompson-CA)
- 17820 2240 VOA relay: EE "Breakfast Show", tlk on pets (222 11/23 Audette-MA)

SAUDI ARABIA

- 11855 2008 BSKSA: EE "Words to Remember" pgm, ID by YL, symphonic mx (433 12/2 Donly-SC)
(Hauser-TN)(Hasselkus-OH)
- 15060 2029 BSKSA: AA mx, OM ancmr, ID in AA (433 10/15 Kneaskern-NY)(Ruchman-OH)(Pettit-IA)
(Curnell-IL)(Hrivnak-IL)(Thompson-NM)(Owsley-CA)(Smith-CA)(Mayer-CA)
- 15370 0419 BSKSA: AA chants by OM w/ shortpauses btwn. each (444 11/22 Mayer-CA)
- 21665 1708 BSKSA: AA chants, tlk, good signal (11/22 Gavaras)

SINGAPORE

- 3915 1502 BBC relay: EE w/ wld nx, tlk on Iran, slight ARO QRM (433 11/26 Mayer-CA)
- 5010 2255 R. Singapore: EE w/ ads & mx (323 11/16 Constantinides-S. AFRICA)
- 5052 1420 RS: EE w/ OM ancmr, EZL mx, pgm on U.N. Day, TC's (232 11/20 Lucas-CA)(Mayer-CA)
- 9635 1101 RS: CC pgm of Oriental/Western style mx, tlk by YL, ID @ 1122 (242 12/2
Donly-SC)
- 11940 1235 RS: EE EZL mx w/ requests (534 11/14 Miller-CA)
- 17880 0005 BBC relay: EE wld nx by YL, ID (333 11/7 Lippmann-FL)

SRI LANKA

- 5020 0055 SLBC: Tamil mx pgm (334 11/9 Constantinides-S. AFRICA)
- 9720 0035 SLBC: EE mx w/ OM ancmr, "Discs At Daybreak" (433 11/17 Worrel-ND)(Miller-CA)
- 15120 1911 SLBC: EE w/ mx requests, gave QTH, into Urdu @ 1915 (422 11/12 Lippmann-FL)
- 15425 0125 SLBC: EE EZL mx, ID, "Sunday Meditations" pgm (232 11/18 Alexander-PA)(343
Fraser-MA)(Lippmann-FL)(Kavalesky-OH)(Ruckman-OH)

THAILAND

- 6070 1535 R. Thailand: Thai w/ local mx (322 11/11 Constantinides-S. AFRICA)
- 9655 1131 RT: EE tlk on past and present Bangkok, ID, pgm of Oriental mx, s/off with
anthem @ 1159, into Viet (poor 12/2 Donly-SC)(Vranes-PA)

TAIWAN

- 5980 1015 V. of Asia: CC w/ pgm by YL, bluegrass mx (454 11/22 Levesque-IL)
- 11745 1500* VOFC: JJ YL/OM tlk, CC mx, s/off (454 11/20 Ray-PA)(Lucas-CA)
- 11860 2130 VOFC: EE w/ ID by YL, anthem, nx (444 11/4 Oexner-FRG)
- 15270 2203 VOFC: EE CC mx, ID by YL, cmty on crisis in Iran (333 11/23 Ray-PA)(Zilmer-WI)
(Dunn-CA)(Hasselkus-OH)
- 15345 0330 VOFC: EE ID @ 0347, to Australia/New Zealand, VOA QRM (443 12/6 Mappin-WA)
(Lucas-CA)(Coomler-CA)(Donly-SC)(Kern-CA)(Trummel-IL)
- 17890 0105 VOFC: EE OM w/ nx, ID, cmty on Mainland China (232 11/25 Audette-MA)

TURKEY

- 6340 1449 Turkiye Polis Radyosu: Turkish folk mx, OM ID @ 1501 (433 11/20 Oexner-FRG)
- 9515 2135 VOT: EE "DX Corner" w/ info on EDXC/HAP pgms, rock mx (333 11/22 Lattemann-WA)
(Smith-FL)(Hrivnak-IL)
- 9584 0715 V. of the Communist Party of Turkey: Turkish tlk by OM, 0730* (232 Alexander-PA)
- 11955 2135 VOT: EE w/ feature on Turkish embroidery, s/off (433 11/11 Coomler-CA)++

UNION OF SOVIET SOCIALIST REPUBLICS

- 4485m 0950 Petropavlovsk: RR musical play/operetta, YL/OM singing (444 11/9 Dunn-CA)
(Lattemann-WA)(Prath-FL)
- 5015 1300 Vladivostok: RR ID, good mx, tlk by OM (343 11/14 Forbes-TX)
- 5990 0712 RM/?: EE nx on Gromeko, no ment of Iran (353 11/21 Smith-CA)
- 9580 0441 RM/Blagoreschensk: EE YL w/ pgm abt. RR Composers (353 11/6 Smith-CA)(Miller)
- 9735 0444 RM/Nikolaevsk: EE w/ mx pgm by YL (454 11/6 Smith-CA)
- 12020 0752 RM?: RR songs, TC @ 0800, nx by OM (343 11/17 Smith-CA)
- 15265 0520 RM/Kenga: EE tlk on Moscow's subway system (322 11/6 Smith-CA)
- 15310t 1258 Radiostantsiya Atlantika: RR musical notes, ID by OM (544 10/31 Heyman-NY)
- 15385 0500 RM/Chita: EE YL w/ tlk on nuclear weapons, to Australia (322 11/6 Smith-CA)
- 17880 0638 RM/Irkutsk: EE w/ uninterrupted mx, ID, IS @ 0700, nx to 0711, "Newsreel",
fluttery, // 17825 (352 12/6 Munster-CA)(Smith-CA)

The USSR marches on with.....

Azerbaijan S. S. R.

4785 2145 ??/Baku: Lang. w/ ME type mx, tlk by YL, IS, s/off @ 2159 (222 11/13 Cucura)

Kirghiz S. S. R.

17825 0644 RM/Franze: EE to SEA, strong flutter (352 12/6 Munster-GA)

Turkmen S. S. R.

4825 2210 RM/Ashkhabad: RR OM/YL w/ nx, cmty, ID, 2230* (333 11/13 Cucura-PA)

VIETNAM

4944 1105 Hanoi 1: Viet YL w/ tlk, Viet mx, // 10060 (222 11/8 Cucura-PA)
 7512 1140 VOV: Cambodian? w/ opera type mx, tlk by YL, WRTH lists Cambodian but not sure
 (322 12/2 Cucura-PA)
 10010 2224 VOV: CC w/ tlk by YL, Viet mx (343 11/18 Yajko-PA)
 10040 1800 VOV: EE w/ s/son, nx, cmty (211 11/28 Rzepka-WI)(Cucura-PA)(Dunn-GA)
 10060 1214 Hanoi 1: Viet local mx, YL annrcr (322 10/30 Trummel-IL)(Hrivnak-IL)
 12034 1551 VOV: EE OM w/ tlk on Kampuchea, letters from listeners (343 11/18 Smith-GA)

YEMEN

9780 0255 R. San'a: AA w/ bird chirp IS @ Q255, ID @ 0300 (222 11/8 Moman-ALB)(Viscusi-CT)

OCEANIA

AUSTRALIA

4920 0755 ABC Brisbane: EE w/ OM annrcr, wx rpt., ID, TC, time pips @ 0800, "News Views"
 pgm (433 11/10 Lattemann-WA)
 5995 1205 RA/Lyndhurst: EE wld nx, ID, YL w/ mx pgm (232 12/1 Audette-MA)(Dunn-GA)(Mayer)
 6045 1230 RA/L: EE w/ pop mx pgm, nx, tlk, QRM (232 11/18 Prath-FL)(Yajko-PA)
 6080 1230 RA/Shepparton: EE nx by OM, // 9580 (252 11/25 Fraser-MA)(Prath-FL)
 6140 1042 ABC Perth: EE w/ sports tlk (333 11/23 Yajko-PA)
 6150 1136 ABC Melbourne: EE w/ a debate and vote on the new tax bill in the Aussie
 Parliament (353 11/8 Cucura-PA)
 9580 1140 RA/S: EE w/ "Australia Tonite" (454 11/2 Fraser-MA)(Earhart-PA)(Blom-NY)(Prath)+
 9610 1410 ABC Perth: EE ID, nx, wx, mx (333 10/27 Hodsdon-MN)(Radcliff-??)(Earhart-PA)+++
 9670 0700 RA/S: EE w/ wld/Aussie nx, "Focus on Australia" (333 11/23 Alexander-PA)(433
 Lattemann-WA)
 11895 2230 RA/Carnarvon: EE/Viet IS, ID by OM in EE, pgm in Viet (353 11/29 Fraser-MA)
 15245 2330 RA/C: Thai IS, ID in EE, into Thai pgm to Asia (333 12/5 Zilmer-WI)
 15240 0620 RA/L: EE w/ country mx, ID (252 11/19 Owsley-GA)
 15320 0458 RA/S: EE ID/freqs., FF svc @ 0500 (333 11/14 Hrivnak-IL)(Willis-PA)(Smith-GA)
 17795 0100 RA/S: EE nx, ID, mx (232 11/17 Alexander-PA)(Berkholtz-MN)(Smith-GA)(Miller-GA)+
 17870 0145 RA/C: EE ID, mailbag pgm (333 11/18 Alexander-PA)
 21680 0414 RA/S: EE OM w/ Cricket Match (353 12/2 Smith-GA)(Mayer-GA)(Lippmann-FL)(Yajko-PA)
 (Heyman-NY)(Berkholtz-MN)
 21740 0230 RA/S: EE w/ mx pgm w/ YL annrcr, ID, TC (333 12/1 Maise-LA)(Blom-NY)(Kneaskern-NY)
 (Berkholtz-MN)(Dunn-GA)(Forbes-TX)(Pokatiloff-IL)

COOK ISLANDS5045 0502 R. Cook Islands: EE/Maori w/ bits of nx, EE ID as "Cook Islands Broadcasting..."
w/ freqs. after drum beats @ 0523, pop mx w/ EE lyrics, tlk by YL in Maori, ment
of RNZ nx (232 11/23 Lattemann-WA) 0502 is a rare time to hear the Cook Islands
here on the West Coast. They usually come in at around 0715-0800.....jwmGUAM

11840 0830 KTWR: EE w/ gospel mx, preaching (343 11/10 Kern-GA)

NEW ZEALAND

11945 0732 RNZ: EE wld/local nx, wx, local TC, mx pgm (333 11/17 Thompson-GA)(Yajko-PA)
 15345 0525 RNZ: EE rel. pgm, into Maori @ 0530 (433 9/23 Kneaskern-NY)(Worrel-MD)(Smith-GA)
 (McGrew-SPAIN)(Lippmann-FL)(Constantinides-S. AFRICA)
 17860 0523 RNZ: EE ID, nx by OM, YL w/ tlk on gum (???jwm) (333 11/14 Hodsdon-MN)(Kern-GA)
 (Yajko-PA)(Earhart-PA)(Owsley-GA)(Forbes-TX)(Lucas-GA)

PAPUA NEW GUINEA

3385 1140 R. East New Britain: Pid w/ tlk by OM, local island mx (232 11/22 Alexander-PA)
 (Thompson-GA)
 4890 1340 NBC Port Moresby: EE ads, vocal mx, TC's, nx, ID (444 11/29 Thompson-NM)(Yajko-PA)
 (Hrivnak-IL)(Blaise-IA)(Famularo-NJ)(Mellinger-NJ)(Audette-MA)(Thompson-GA)+++

SOCIETY ISLANDS

6135 0540 R. Tahiti: Tahitian w/ island mx (333 11/24 Coomler-GA)

SOCIETY ISLANDS

11825 *1600 RT: FF w/ s/on following IS, nx, pop/rock mx (333 12/3 Thompson-CA)(Smith-CA)
15170 0530 RT: Lang. w/ South Seas island mx, tlk (544 11/26 Byron-NY)(Kneaskern-NY)(353 Smith-CA)(Thompson-CA)(Willis-PA)

SOLOMON ISLANDS

5020 0711 SIBC: EE w/ MOR mx, TC, YL anncr w/ ID, pop mx @ 0718, slight UTE QRM otherwise fairly good reception (322 11/28 Mayer-CA)(Martin-RI)
9745 0820 SIBC: Pid w/ rock mx, tlk in Pid, QRM de DW (222 11/4 Hagen-IL)

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DATELINE

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Iran-On 24th November the Voice of the Islamic Republic of Iran domestic service broadcast a statement issued by the Supervisor of the Voice and Profile of the Islamic Republic of Iran. It stated that, in view of the present sensitive circumstances concerning Iran's relations with the USA and the need to safeguard the country's solidarity and unity, the Voice and Profile of the Islamic Republic of Iran would henceforth be excused from relaying ceremonies and programmes live. This order also applied to provincial stations.....

Israel-The new schedule from the Voice of Israel reads as follows: (0500-0515) to North America, SEA, Australasia, and Western Europe on 21500, 17685, 15300, 15105, 11960, 11637, 9815, 7465; (1200-1230) to North America, Australasia, and Western Europe on 25640, 21675, 21495, 17650, 17560, 11620, 7465; (2000-2030) to Africa, North America, and Western Europe on 17685, 11960, 11655, 9815, 9425, 9009, 7412; (2230-2300) to Africa, North America, and Western Europe on 17685, 15300, 11960, 11655, 11637, 9815, 7412. Relays of the domestic service Network B are: (0400-0610) on 15885, 11620, 9372, 7412; (0610-1400) on 25605, 17630, 15585, 11655; (1400-1610) on 17630, 11655; (1610-1800) on 17630; (1800-2300) on 17630, 15585, 11610, 9372; (2300-2310) on 17685, 17630, 15585, 15300, 11655, 11637, 11610, 9815, 9372, 7412.

Kuwait-Radio Kuwait's 1800-2100 English service to Europe and the Arabian Gulf is currently broadcast on 15745 and 11665 instead of 11690 and 9650. Radio Kuwait's domestic service First Programme in Arabic is also broadcast on 11665 from 1600-1800.....

Lebanon-The "Voice of Lebanon" is on the air daily from 0415-0925 and 1010-2130. News summaries in Arabic are given at 0415, 0815, 0915, 1015, 1915, 2015, and 2115 while news bulletins are broadcast at 0515, 0615, and 1215. A political commentary follows the latter bulletin at 1230. News bulletins in French and English are broadcast at 1800 and 1815 respectively. The advertisement made no mention of any broadcast in Armenian. "Voice of Lebanon's" frequencies were given as 866 and 6581. However, the station is currently observed on 6500 approximately instead of the latter channel..... (Ed. note: "Voice of Lebanon" has always been reported on 6550 in this column.....jwm)

Nepal-Since 19th November Radio Nepal's domestic service and its external service programme in English have been observed on 7105. The 7174 channel is no longer heard.....

Vietnam-The "Voice of Vietnam" is skedded as follows: Cantonese to SEA and the Far East (0001-0100) on 9840, 7512; (0100-0200) on 11750, 10010, 9592, 7470; (0230-0330) on 12035, 10040; (0430-0500) on 12033, 10040, 5604; (1000-1100) on 11750, 10010, 9592, 7470; (1430-1500) on 9840, 7512; (1530-1600) on 11750, 10010, 7470, 6435; Standard Chinese to SEA and the Far East (0001-0100) on 11750, 10010, 9592, 7470; (0330-0400) on 12033, 10040, 5604; (1500-1600) on 9840, 7512; (1600-1630) on 11750, 10010, 7470, 6435; (1630-1700) on 11750, 10010, 7470, 6450; (2200-2300) on 10010, 7470; (2330-2400) on 12033, 10040; Indonesian to the Far East (0001-0100) on 12033, 10040; (0930-1000) on 12033, 10040; (1030-1100) on 12033, 10040; (1200-1300) on 9840, 7512; Laotian (0100-0130) on 9840, 7512; (0330-0400) on 9840, 7512; (0400-0430, 1030-1100, 1400-1430) on 9840, 7512; French to SEA (0100-0200) on 12033, 10040; (1300-1400, 1900-1930, 1930-2030) on 12033, 10040; Spanish to South-Central America (0200-0230, 1100-1130) on 12033, 10040; Vietnamese (0200-0330) on 9840, 6435; (1700-1800) on 12033, 10040; Russian to the Far East (0400-0430, 1630-1700) on 12033, 10040; (2130-2200) on 12033, 10040, 10020; Cambodian (0430-0530, 0900-1000, 1100-1200, 1300-1400, 2300-2400) on 9840, 7512; Thai (0500-0530, 1130-1200, 2300-2330) on 12033, 10040; (1600-1630) on 9840, 7512; English (0700-0800) on 10010, 9840, 7512; (0900-0930, 1530-1600, 2030-2130) on 12033, 10040; Japanese (1200-1300, 1430-1530) on 15009, 12033; (2200-2300) on 12033, 10040.....

Ah, thought I'd never finish Vietnam. I'd just like to emphasize one thing about reporting. Make sure that you cut your loggings and try your best to keep them thin (1" in width is about right). If you don't cut them to the size of the SPEDX forms, it makes it very hard to sort them since the majority of the loggings are cut to size. So please, always cut them. Well, I hope Santa brought everyone what they wanted. A brand new rx would always have been nice! Have a Happy and Prosperous New Year everybody!!!!!!!!!!!!!!.....73's

jmw

WORLD SERVICE STATION SKEDS

PROGRAMMI

Editor:

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

ÉMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

Deadline: 12th

COMUNICATI NEL CORSO

PROGRAMME SCHEDULE

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

ALGERIA. Radiodiffusion-TV Algerienne in Algiers.

2100 - 2130 7195, 7245, 9610,
11614.5, 11810.

Transmission is directed to Europe,
North Africa and the Middle East.
(BBC MS)

AUSTRALIA. R. Australia to 2 March.

0000 - 0930 21680 Asia
0100 - 0300 17795, 21740 N. America
0100 - 0500 15160, 17795 Pacific
0130 - 1000 17725 Papua-N.G.
0130 - 0800 17870 Asia
0330 - 0530 21650 Papua-N.G.
0400 - 0500 15320 Pacific
0400 - 0500 17755, 21525 Africa
0600 - 0630 17755, 21525 Africa
0600 - 0700 11790 Papua-N.G.
0600 - 0700 15160 Pacific
0630 - 1030 9670 Pacific
0700 - 0900 9570, 11740 Europe,
Pacific

0800 - 1000 21570 Asia
0800 - 2000 6045 Pacific
1000 - 1200 11790 Papua-N.G.
1000 - 1230 9640 Asia
1000 - 1500 11705 Asia
1000 - 1730 9770 Asia
1000 - 2000 5995 Pacific
1100 - 1300 9580 N. America
1100 - 1300 21650 Papua-N.G.
1130 - 1300 17795 Papua-N.G.
1230 - 2030 6080 Papua-N.G.
1330 - 2030 6060 Pacific
1400 - 1730 17795, 21660 Papua-N.G.
1500 - 1730 11870 Asia
1530 - 1730 6035 Asia
1800 - 2000 11800 Europe
1800 - 2030 9505 Pacific
1800 - 2200 9580 Pacific
1900 - 2130 11725 Pacific
1900 - 2200 11855 Pacific
2000 - 2200 9625 Papua-N.G.
2100 - 2230 6035 Asia
2100 - 2330 11820 Asia
2100 - 0000 15160 Pacific
2100 - 0300 15355 Papua-N.G.
2100 - 0730 15240 Pacific
2200 - 0000 17795 Pacific
2200 - 0600 17890 Pacific
2230 - 0300 15310 Asia
(Beeman, Kowalski, Gaede, Sanserino,
Zilmer)

CHILE. La Voz del Chile in Santiago Sked valid until March.

0000 - 0030 15140, 17800
0130 - 0200 15140
0230 - 0300 11890
0330 - 0400 11720
1000 - 1030 17790
1100 - 1130 17790
1230 - 1300 17790
1600 - 1630 21555
1700 - 1730 15295
1800 - 1830 15295
1930 - 2000 17715, 17790
2100 - 2130 17715, 17790
2200 - 2230 15150, 17790, 17800
(Earhart, Semesky, Smith)

CUBA. Radio Habana, valid until 1 March 1980.

0100 - 0450 11930 Americas
0100 - 0600 11725 Americas
0330 - 0600 11760 Americas
0630 - 0800 9525 Americas
1700 - 1800 17765 Africa
2010 - 2140 11920 Europe
2050 - 2140 9770, 17750 Americas
2200 - 2300 7140* Europe
* = Moscow Relay?
(Crawford, Ossege, Radcliff, Smith,
Thurman, Trummel, Yajko)

CHINA. The Radio Peking English sked to North America that I printed last month was outdated. Here is the new one which became effective on October 30, 1979.

0000 - 0100 11695, 15115, 15520,
17680 ECNA
0100 - 0200 same
0200 - 0300 same
0300 - 0400 9460, 11650, 12055,
15230 WCNA
0400 - 0500 same
1200 - 1300 9820 ECNA
(Fournier, Hesch, Purcell, Trummel)

DENMARK. Radio Denmark, undated sked. All broadcasts in Danish except for an English station identification.

0000 - 0055 15165 N. America
1900 - 1955 15165 " "
2200 - 2255 15165 " " (D. Jones)

GERMANY. Radio Berlin International schedule valid until May.

0100 - 0145 9730, 11975 ECNA
0230 - 0315 9730, 11975 ECNA
0330 - 0415 5955, 11890, 11975 WCNA

(Munster)

GUAM. Trans World Radio Pacific KTWR. Until March 1980.

0000 - 0130 17770 Japan
0815 - 0930 11840 SEA
1430 - 1500 15350 SEA
(Lippmann)

HUNGARY. Radio Budapest schedule valid until May 3rd.

0200 - 0230 6105, 9585, 9835, 11910, 15220, 17710
Tues-Sunday NA
0300 - 0330 6105, 9585, 9835, 11910, 15220, 17710
Every Day NA
0400 - 0415 6105, 9585, 9835, 11910, 15220, 17710
Wed & Sat. NA
1030 - 1100 9835, 11910, 15220, 17710, 17785, 21525
Every Day Aust/NZ
1200 - 1220 6110, 7155, 9585, 9835, 11910, 15160
Mon-Fri Europe
1430 - 1500 6110, 9585, 9835, 11910, 15160, 17710
Mon-Fri Asia
1515 - 1530 6110, 7200, 9585, 9835, 11910, 15160
Tues & Fri Europe
2100 - 2130 6110, 7200, 9585, 9835, 11910, 15160
Every Day Europe

(Eramo, Smith)

IRAN. Voice Of The Islamic Republic of Iran. Current sked.
1930 - 2030 9022 Europe
(BBC MS, Hesch)

ISRAEL. Kol Israel, valid until March 2nd.

0500 - 0515 9815, 15105, 15300
NA, Western Europe
0500 - 0515 11637 Australia & NZ
0500 - 0515 21500 SE Asia, Aus/NZ
1200 - 1230 11620, 17610, 21495, 25640 NA, W. Europe
1200 - 1230 17560 SE Asia, Aus/NZ
2000 - 2030 7412, 9815, 11655
NA, Western Europe
2000 - 2030 9009, 9425, 17685
Africa
2230 - 2300 7412, 9815, 11655, 15300 NA, W. Europe
2230 - 2300 11637 ECNA, West Indies
2230 - 2300 17685 Africa
(Earhart, Kern, Magne)

KUWAIT. Radio Kuwait's afternoon-evening English broadcast.

1800 - 2100 9650 Arabian Gulf
11665 Europe
15345 South/East Asia

(Off The Air)

MEXICO. Radio Mexico. All broadcasts are in Spanish.

2155 - 0335* 5985, 9705, 11770, 15430, 17765

*to 0500 on Sunday night (local date) (BBC MS)

NIGERIA. The Voice Of Nigeria in Lagos. This schedule was valid until December 29th.

0500 - 0600 7255 W. Africa
0500 - 0700 15120, 15185 Europe
0800 - 0900 7255 W. Africa
0830 - 1000 15120, 15185 Europe
1600 - 1700 7255 W. Africa
1800 - 1900 15120, 15185 Europe
1800 - 1930 11770 C/S Africa
1900 - 2030 7255 W. Africa
2030 - 2200 11770 C/S Africa
2100 - 2200 15120, 15185 Europe
Note: C/S Africa = Central & Southern Africa

(Rzepka)

PHILIPPINES. Radio Veritas, current English schedule.

0030 - 0100 15135, 15285, 17790
0300 - 0330 15320, 15285, 17790
1130 - 1200 9615, 11775, 15215
1430 - 1500 9605, 11955, 15215
(Miller, Vranes)

POLAND. Polish Radio, valid until May of 1980.

0200 - 0400 6095, 6135, 7270, 9525, 11815, 15275
Broadcasts are in English and Polish.
(Forbes, Oakley, Radcliff, Smith)

ROMANIA. Radio Bucharest, current listing to North America.

0130 - 0230 5990, 6180, 9510, 9570, 9690, 11840, 11940. ECNA
0400 - 0430 5990, 6155, 6180, 9510, 9570, 9690, 11840
WCNA

(Barr, Klasek)

SAUDI ARABIA. Broadcasting Service Of The Kingdom of Saudi Arabia. Valid until March 2nd.

1100 - 1300 11855
1800 - 2100 11855
(Ferguson, Klasek)

SPAIN. Spanish Foreign Radio's current schedule.

0005 - 0155 9630, 11880 NA
0515 - 0615 6065, 9630, 11880 NA
(Barr, Hook, Ray)

SOUTH AFRICA SABC (Domestic Services) schedule effective 2 September 1979.

MONDAY - FRIDAY
0358 - 0615 4835
0620 - 1620 11790
1625 - 2120 4835
(Continued, next page)

SOUTH AFRICA. SABC (continued from previous page)

SATURDAY
0430 - 0615 4835
0620 - 1620 11790
1625 - 2120 4835
SUNDAY
0500 - 0615 4835
0620 - 1620 11790
1625 - 2120 4835
ALL NIGHT SERVICE
2200 - 0300 3250 English & Afrikaans.

RADIO FIVE
0300 - 0545 3250
0550 - 1530 9680
1535 - 2200 3250
(Barr)

SWITZERLAND. Here is the complete English schedule from Swiss Radio International, valid until May of 1980.

0145 - 0215 6135, 9725, 11715, 15305 North & Central America
0430 - 0500 9725, 11715 WCNA
0700 - 0730* 9560, 15305, 21520, 21695 Far East & Australasia, Europe
0900 - 0930 9560, 15305, 21520, 21695 Far East & Australasia, Europe
1100 - 1130* 15430, 17795, 21520, 21630 Africa & Europe
1315 - 1345* 11945, 17735, 17815, 21520 Far East & Eur.
1315 - 1345 21570 North America
1530 - 1600* 15125, 17830, 21570, 21585 South America, Middle East, Africa
1815 - 1845* 15125, 17760, 17830, 21585 Africa, South America

* means this transmission also transmitted for Europe on omni-directional frequencies of 3985, 6165, 9535 kHz. (direct)

UKRAINE. Radio Kiev's current sked to North America.

0030 - 0100 7150, 7215, 7205 ECNA
15100, 15240, 17870 WCNA
0300 - 0330 7150, 7205, 7215, 7400 ECNA
9505, 9735, 11690 WCNA

Note: Radio Kiev's broadcasts are transmitted from transmitter locations throughout the USSR, not necessarily originating from the Ukraine. For complete information on all USSR broadcasts, your editor suggests you subscribe to the USSR High Frequency Broadcast Newsletter, Box 232, McLean, VA 22101. Subscription rate in USA is \$3 for 10 issues. Tell Roger Legge SPEDX sent you. (Munster, UHN)

LATE CHANGE: ECUADOR. HCJB now on 15120 (ex-15115) 0230-0600, to avoid R. Peking QRM.

USSR. Radio Moscow's North American Service, effective October 23rd.

EASTERN NORTH AMERICA
2300 - 0400 7165 Kiev (Lvov)
7440 Kenga (Novo-sibirsk)
9530 Moscow (Simferopol)
9610 (Lvov)
9685 Moscow (Simferopol)
9700 Lvov (Sofia) from 0130
9765 Lvov (Plovdiv)
11780 (Sofia) to 0300

WESTERN NORTH AMERICA
2300 - 0400 6150 Komsomolsk from 0000
9580 Blagoveschensk from 0130
12050 Khabarovsk (Petropavlovsk)
15140 Petropavlovsk (Vladivostok)
15180 Petropavlovsk
15455 Petropavlovsk
17720 Petropavlovsk to 0100

PACIFIC COAST SERVICE

0400 - 0800 7100
7125 Khabarovsk
7175 Khabarovsk
9580 Blagoveschensk
9735 Nikolaevsk-Amur
11690 Khabarovsk
12050 Khabarovsk (Petropavlovsk)
15140 Petropavlovsk to 0500
15180 Petropavlovsk to 0500
15265 Kenga (Irkutsk)

Note: listed/QSL sites are noted after frequencies. Sites in brackets are the actual sites, if known. (USSR High Frequency Broadcast Newsletter by Roger Legge; issue #23, Klasek, Sershon, Trummel, Tajko)

VIETNAM. Voice Of Vietnam, current schedule.

1530 - 1630 12033, 10040 Southeast Asia
1800 - 1900 12033, 10040 Europe
2030 - 2130 12033, 10040 Europe
0700 - 0800 7512, 9840, 10010 Southeast Asia
0900 - 0930 10040, 12033 Southeast Asia
1000 - 1030 10040, 12033 Southeast Asia
(BBC MS, Schweikart)

USA. WDAB, the Florida pirate says 90% of their broadcasts will be aired 6213 kHz between 0000-0200, for 1 hour, 1, 2 or 3 times a week. (Fisher)

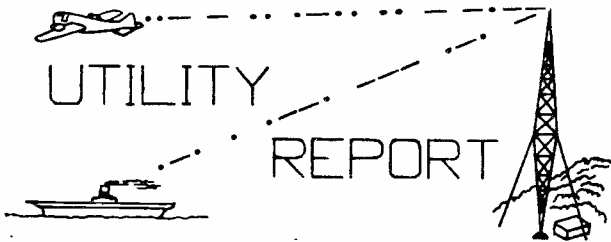
73. *Qjms*

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 12th

UTILITY REPORT



This month's substitute editor is yours truly, Robert Butterfield, typing in for your regular editor Ken Compton. Ken's taking a little, well earned, vacation from his regular duties while putting the finishing touches on the SPEEDX Utility Guide's brand new edition. Watch upcoming issues of SPEEDX for the big announcement. Ken and I promise this all new edition to be the best and most complete ever. Continue to send all loggings and QSLs to the above address as Ken will be back next month. As always, frequencies are in kilohertz and times are GMT.

QSLs

AUSTRALIA: VHP RAN Canberra 8478 full data letter in 5½ mo for 2 IRCs sfc (Vranes-PA) same in 4½ mo air (Granone-NM)
BELGIUM: OST RTT Ostend R. 13071 f/d cd in 3 mo 2 IRCs (Granone-NM)
CHILE: CCS Navy Santiago 15771 f/d ltr v/s Luis O. Tobar in 129 days for 2 IRCs air rptd in SS (Granone-NM)
ENGLAND: GKT51 BFO Portishead R. ltr w/ fqy 1 IRC returned (Brown-IL)
FRANCE: FFS8 St Lys R. PTT f/d cd in 37 days air, v/s R. Hue (Chensky-NY)
HWN Naval R. Paris 17180 no data ltr in 93d for 2 IRCs air (Granone-NM)
GREECE: SVA3 OTE Athena R. blue f/d cd in 172d for 2 IRCs air, pwr 10kw (Granone-NM)
HONG KONG: VPS C & W Ltd Cape d'Aguilar f/d cd in 94d air (Granone-NM)
ITALY: IRM Rome Medical R. 9685 date/fqy cd in 14d for 2 IRCs v/s Dr. Nino Rizzo, M.D. (Chensky-NY) same 17105 104 d (Granone-NM)
IAR I.P.T. Rome R. 13015.5 f/d ltr in 105d for 2 IRCs air, pwr 5 kw (Granone-NM)
LEBANON: ODR4 Beirut Coastal R. 12862.5 f/d FF cd in 98d for 3 IRCs air 1 kw (Vranes-PA)
NETHERLANDS: PCH50 PTT Scheveningen R. f/d orange cd for 2 IRCs sfc 20 kw (Granone-NM)
NEW CALEDONIA: FUJ French Navy 8646 Noumea f/d FF ltr for 2 IRCs air (Chinsky-NY)
NEW ZEALAND: ZLO RNZN Waioura R. pfc in 88d (Granone-NM)
ZLB NZPO Awarua R. pfc & ltr in 169d for 2 IRCs pwr 5 kw (Granone-NM)
PORTUGAL: CTP NATO Oeiras no data acknowledgement ltr in 16d fqy 12825.6 v/s J.B. Davis (Chensky-NY)
REUNION: FUX French Navy 17062 f/d small cd in 50d for 2 IRCs air and FF rpt, 15 kw (Vranes-PA) same 16704 in 155d 2 IRCs (Granone-NM)
SINGAPORE: 9VG30 T.A.S. 13071.5 f/d aerogramme ltr for 2 IRCs air 167 d. (Granone-NM)
UNITED STATES: WPA RCA Port Arthur R. 8550 date only ltr in 11d for mint stamp, also RCA folder (Chinsky-NY)
KMI ATT Dixon, CA8728.2 date only cd & info packet in 25d mint stamps (Mellinger-NJ)
AFI USAF McClellan AFB time/fqy 11239 SWL cd for mint stamp (Chinsky-NY)
VENEZUELA: YVTO Obs. Cagigal Caracas 6100 f/d cd in 36d for 2 IRCs and SS rpt (Hayes-BRITISH COLUMBIA)
SHIPS: WZJF S.S. American Lark pfc in 35d sfc mint, 150w 12429.2 (Granone-NM)
Westport WX7000 12429.2 pfc in 43d mint stamp 250w v/s G.S. Thomas (Granone-NM)
6ZMJ MV Polar Ecuador in 36d IRCs ret'd 1500w (A. Mason-ONTARIO)
WDOP SS Tillie Lykes in 70d pfc & photo for mint (A. Mason-ONTARIO)
KGFJ Alaskan Star pfc & letter plus lg color brochure, 16587.1 drilling platform, sfc in 61d 1000w (A. Mason-ONTARIO)
KIIV SS Exxon Gettysburg 16587.1 in 74d pfc steam tanker lkw (Granone-NM)
KIYO SS Exxon Jamestown 16588 pfc, letter in 15d for mint stamp (A. Mason-ONTARIO)
WNEI SS President Polk 16590.2 pfc in 110d lkw (Granone-NM)
GLQA SS Opalia 16720 pfc & letter ms ret'd in 60d (A. Mason-ONTARIO)
GWTX Rockhampton Star 16724 Refrigerated Cargo pfc in 26d 1 IRC 80 w (Holbrook-MD)
GUCZ MV City of Exeter 22254 Cargo vessel pfc & letter in 25d 1200w (A. Mason-ONTARIO)

CARIBBEAN

BARBADOS:	12709	0343	8PO C&W Ltd WI CW ID mkr (Evans-TN)
BERMUDA:	8768.5	2024	VRT C&W Bermuda R OM EE clg HP2667"Sandokan" USB (Fitzgerald-RI)
	12709.2	1650	VRT Bermuda R CW CQ mkr (Evans-TN)
CUBA:	6337	0210	CLA EMRAIN Habana CW tfc (Coleman-MA)
	15024	1145	COL Defense Ministry RR CW tfc w/ RPNV Moscow (Chinsky-NY)
	15492	1516	CMU967 Navy Santiago de Cuba CW wkg RMQT (Chensky-NY)
	15880	2119	COY895 Soviet Navy Habana CW V mkr clg RIW (Chinsky-NY)
	17165.6	0307	CLA Habana R CW CQ mkr (Dunn-CA)
	20830	1840	CLPL1 IRTS Ensanada Mara CW clg CLPL18 (Brown-IL)
CURACAO:	8694	2300	PJC GRTA CW mkr tfc list (Dunn-CA)(Walters-NJ)
JAMAICA:	13065	1036	6YI J.I.T. Kingston R CW CQ mkr (Evans-TN)
MARTINIQUE:	8475.5	0033	FUF French Navy Fort de France CW V mkr (Thompson-CA)
	16961.5	0148	FUF French Navy CW V mkr (Draeseke-CA)
PUERTO RICO:	8984	0135	NMR26 USCG AS Borinquen OM EE wkg CG #1347 (Russell-IL)

CENTRAL AMERICA

PANAMA:	6666	0344	WH27Ø Panama Aeradio OM EE wkg Argentine 377 (Carlson-CA)
	17136.8	1720	NBA USN Balboa CW CQ mkr (Evans-TN)

SOUTH AMERICA

BRAZIL:	6680	0530	PVR Recife Aeradio OM EE wkg Caledonian 663 USB (Carlson-CA)
CHILE:	17419	0242	CCS Naval R Santsaiago CW V mkr (Dunn-CA)
COLOMBIA:	12853.5	0229	HKC ENTEL Buenaventura R CW ID mkr (Oexner-FRG)
	17002.7	0300	HKB ENTEL Barranquilla R CW CQ mkr (Dunn-CA)
ECUADOR:	3810	0804	HD21ØA INOCAR Guayaquil OM SS time sigs AM (Thompson-CA)
	7600	0345	HD21ØA INOCAR OM SS AM time sigs (Thompson-CA)

EUROPE

BELGIUM:	17017	1625	OST4 R.T.T. Ostend CW V mkr (Coleman-MA)
BULGARIA:	8532	0453	LZW4 Min Comm Varna CW ID mkr (French-MD)
DENMARK:	12753	0010	OXZ62 D.P.T. Lyngby R CW CQ mkr (Coomler-CA)
ENGLAND:	10000	2110	MSF N.P.L. Teddington Time sig CW ID (Trummel-IL)
	12835.5	0300	GKB5 B.P.O. Portishead R CW V mkr (Kneaskern-NY)
FINLAND:	12687	0053	OFJ5 A.P.T. Helsinki R CW ID mkr (Walters-NJ)
	16923.6	0210	CFJ5 A.P.T. Helsinki R CW CQ mkr (Coleman-MA)
FRANCE:	7410	0100	FDY French AF Orleans CW V mkr (Chinsky-NY)
	8522	0204	FFL4 S Lys R CW CQ mkr (Coomler-CA)
	17242.2	2050	FFL83 S Lys R OM FF VM USB (Carlson-CA)
	17316.6	1505	FFL81 S Lys R OM FF VM/MM (Oexner-FRG)
	20615.6	1730	FTU61 F.T.S. Paris OM FF/EE VM USB (Brown-IL)
GERMANY, E.:	4242.5	0315	DHS M.P.F. Ruegen R CW V mkr (Coleman-MA)
	4525	0205	DIZ A.S.M.W. Nauen CW time ticks (Yajko-PA)
	25445	1724	DBX2/DEU Foreign Min Berlin CW QRA mkr (Chinsky-NY)
GERMANY, W.:	3310	0248	KRH5Ø US Emb Bonn CW QRA mkr (Kneaskern-NY)
	5427	0247	KRH5Ø US Emb Bonn CW QRA mkr (Fitzgerald-RI)
	8648	0505	DHJ59 NATO Wilhelmshaven G23B V mkr (French-MD)
	17279.4	1826	DAJ Norddeich R OM EE wkg "Shortliner" USB (Carlson-CA)
	20568	1640	KRH5Ø US Emb Bonn CW QRA mkr (Brown-IL)
GILBALTAR:	8625.2	0340	GYU R.B.N. CW CQ mkr (Evans-TN)
GREECE:	8692.5	0521	SVN6 H.T.O. Athens R. CW ID mkr (Walters-NJ)
	17307.3	1930	SVN6 H.T.O. Athens R. OM GG clg KXKW (Carlson-CA)
HOLLAND:	17341.4	1858	PCG61 P.T.T. Scheveningen R. YL Du clg P3KJ USB (Carlson-CA)
ICELAND:	8910	0105	TFW Iceland Aeradio Reykjavick EE acft tfc USB (Chinsky-NY)
	13069.5	1622	TFAL3 Reykjavick R. CW CQ mkr TFA4/6/8/13 (Evans-TN)
IRELAND:	5533	0208	EIP Shannon VOLMET OM EE aero wx (Duran-NJ)
	8833	2325	EIP Shannon VOLMET OM EE aero wx (Yajko-PA) (Brewer-TN)(Stone-ONTARIO)

ITALY:	4616	0304	IDR2 Naval R. Roma CW V mkr (French-MD)
	12975	0242	IQX I.P.T. Trieste R. CW V mkr (Dunn-CA)
	17273.2	1959	ICB I.P.T. Genoa R. OM Ital/EE VM USB (Carlson-CA)
	22707.6	1612	ICB I.P.T. Genoa R. Ital/EE VM (French-MD)
NORWAY:	11454	0130	LBA2/5/9 CW V mkr (Chinsky-NY)
	22472.8	1850	LPF N.T.A. Rogaland R. CW CQ mkr (Draeseke-CA)
	25305	1700	LGB N.T.A. Rogaland R. CW mkr (Chinsky-NY)
PORTUGAL:	6389	0245	CTP NATO Oeiras CW CQ mkr (Coleman-MA)
	8552	0155	CTP NATO Oeiras CW ID mkr (Coomler-CA)
	16959.2	0909	CUL C.P.R.M. Lisboa R. CW CQ mkr (Oexner-FRG)
	19814.5	1610	CUC9 C.P.R.M. Lisboa R. CW V mkr (Brown-IL)
SPAIN:	8528a	1610	EBA Naval R. Madrid CW CQ mkr (Oexner-FRG)
	8682	1515	EAD C.T.N.E. Aranjuez R. CW CQ mkr (Thompson-NM)
	17018	1620	EBA Naval R. Madrid CW CQ mkr (Coleman-MA)
U.S.S.R.:	6845	0520	RRG23 Moscow clg ROZ21 CW (Walters-NJ)
	12723	2240	RCV Naval R. Moscow CW tfc (Chinsky-NY)
	12910	0306	UAT Min Com Moscow CW ID mkr (French-MD)

AFRICA

ASCENSION:	8993	0152	AAF USAF YL EE wkg Luftansa 1766 USB (Chabak-AZ)
AZORES:	6750	0544	CUW USAF Lajes OM EE wkg McGuire AFB PTP USB (Pokatkoff-IL)
	12943.5	1710	CUG27 S Miguel R. CW CQ mkr (Evans-TN)
CONGO:	18428.5	0645	TNH84 INTELCO Brazzaville YL PF vm (Brown-IL)
LIBERIA:	11470a	0253	KKN44 US Emb Monrovia CW QRA mkr (Dunn-CA)
	20928a	1750	KKN44 US Emb Monrovia CW clg KWR93 (Brown-IL)
REUNION IS:	8475.5	1335	FUX French Navy S. Denis CW V mkr (Thompson-NM)
SENEGAL:	8882	0115	PIR Dakar Aeradio OM EE wkg Argentine 113 USB (Stone-ONTARIO)
	13410	0215	6WW French Navy Dakar, Hann R. CW V mkr (Kneaskern-NY)
SEYCHELLES:	8445	1617	S7Q C&W Seychelles R. CW ID mkr (Oexner-FRG)
SOUTH AFRICA:	5000	0310	ZUO N.P.R.L. Olifantsfontein CW time (Boehm-TX)
	8470	2335	ZRQ Cape Naval R. Simonstown CW CQ mkr (Coomler-CA)
	8688.5	1510	ZSC FMG Capetown R. CW CQ mkr (Thompson-NM)
	8731	0501	ZSJ FMG Capetown R. OM EE vm USB (Walters-NJ)
	22347.5	1758*	ZSC FMG Capetown R. CW CQ mkr (Draeseke-CA)

ASIA

BAHRAIN:	8448	1557	A9M C&W Bahrain R. CW ID mkr (Oexner-FRG)
CHINA:	8502	1540	XSG MinCom Shanghai R. CW CQ mkr (Thompson-NM)
	8514	1535	XSQ MinCom Canton R. CW CQ mkr (Thompson-NM)
	10000	1430	BPV Zi-ka-wei Obs Shanghai CW time (Dunn-CA)
	12871.5	1615	XSG MinCom Shanghai R. CW CQ mkr (Evans-TN)
	16916.5	0655	XSG8 MinCom Shanghai R. CW CQ mkr (Dunn-CA)
	17103.2	0120	XSG MinCom Shanghai R. CW CQ mkr (Draeseke-CA)
CYPRUS:	8738.4	0455	5BA C.T.A. Nicosia YL EE/Grk vm USB (Walters-NJ)
	14360a	0325	KWS78 US Emb Nicosia clg KWK53 CW (French-MD)
HONG KONG:	17192	0050	VRN C&W Cape d'Aguilar R. CW tfc (Draeseke-CA)
ISRAEL:	8694	1340	4XO PTT&R Haifa R. CW CQ mkr (Thompson-NM)
	17146.4	0109	4XO PTT&R Haifa R. CW CQ mkr (Draeseke-CA)
	17270.1	1700	4XO PTT&R Haifa R. OM Hebrew tfc USB (Carlson-CA)
JAPAN:	4349	1520	JCS NT&T Choshi R. CW CQ mkr (Coomler-CA)
	8647.5	0531	JDC NT&T Choshi R. CW CQ mkr (Walters-NJ)
	10000	1030	JJY M.P.T. Tokyo OM EE time sigs AM (Brewer-TN)
	12673.5	0057	JOU NT&T Nagasaki R. CW CQ mkr (Walters-NJ)
	12847.5	1936	JFA Central Fisheries R. Chiba CW CQ mkr (Oexner-FRG)
	16998.5	0254	JDC NT&T Choshi R. CW CQ mkr (Kneaskern-NY)
INDIA:	8634	1340	VTG4 Naval R. Bombay CW CQ mkr (Thompson-NM)
	10017	1305	Calcutta VOLMET OM EE wx AM (Trummel-IL)
KOREA, S.:	8635	1520	HLW MinCom Seoul R. CW CQ mkr (Thompson-NM)
	16910	0112	HLJ MinCom Seoul R. CW CQ mkr (Walters-NJ)
	17079	0020	HLF MinCom Seoul R. CW CQ mkr (Walters-NJ)
	22395a	0020	HLF MinCom Seoul R. CW CQ mkr (Draeseke-NY)
PHILIPPINES:	8568	1530	DZR Phil. Global Manila CW CQ mkr (Thompson-NM)
	8588	1355	DZG Globe Mackay Las Pinas R. CW CQ mkr (Thompson-NM)
	8660	1345	DZJ G.I.M. Bulacan R. CW CQ mkr (Thompson-NM)
	12864	1656	DZZ GAYA Manila R. CW ID mkr (Oexner-FRG)

SAUDI ARABIA:8847	0418	HZJ Jeddah Aeradio OM EE clg Sana'a PTP USB (French-MD)
SINGAPORE: 8263a	1624	GXM UK COMMCEL EE OM wkg 'Brooklyn' USB (Thompson-CA)
	8709	9VG T.A.S. Singapore R. CW CQ mkr (Thompson-NM)
THAILAND: 6680	1610	Bangkok VOLMET OM EE aero wx (Carlson-CA)
	10017	2310 Bangkok VOLMET OM EE aero wx (Trummel-IL)
TURKEY: 8447	1602	TCR DBTAC Tophane Kulesi R. CW CQ mkr (Oexner-FRG)
U.S.S.R. 8610	0501	UXN Archangel R. clg YKS CW (French-MD)
10004	0249	RID MinCom Irkutsk Time stn CW ID (Trummel-IL)
11192	0811	Novosibirsk VOLMET YL EE/RR aero wx AM (Russell-IL)

OCEANIA

AUSTRALIA: 8597	1350	VIP OTC Perth R. CW V mkr (Thompson-NM)
	8711	VIS65 AOTC Sydney R. CW CQ mkr (Thompson-NM)
	10017	1330 VLS Sydney VOLMET OM EE aero wx AM (Trummel-IL); (Carlson-CA)
	22485	0035 VHP RAN Canberra CW V mkr (Draeseke-CA)
GUAM: 4436	1530	NPN USN CW NERK V mkr (Coomler-CA)
	13986	0312 AGR USAF OM EE wkg Elmendorf AFB USB (Witte-CA)
NEW CALEDONIA:16959.2	0140	FUJ French Naval R. Noumea CW V mkr (Draeseke-CA) Believe this your unid. rfb.
NEW ZEALAND: 6506.4	0859	ZLW RNZPO OM EE vm (Gaede-CA)
	8504	1440 ZLB RNZPO Awarua R. CW CQ mkr (Coomler-CA)
	8997	0740 ZLK USN Aeradio Christchurch OM EE wkg XDØ1 USB (Russell-IL)
	9950	0705 ZME3 Raoul Island Wx Stn OM EE wkg ZLZ AM (Russell-IL)
TUVALU: 13570	0535	T2U3Ø Funafuti R. OM EE tfc wkg ZLX82 USB Former Ellis Isl in circuit w/ ZLX82 (Wellington) @ 0530 nightly (Russell-IL)

ANTARTICA

ANTARTICA: 8997	0749	NPX USN South Pole Stn OM EE wkg XDØ5 tfc USB (Russell-IL)
	15845	0302 VLV AOTC Mawson Base OM EE vm USB (Chabak-AZ); (Russell-IL)

SHIPS

4067.5	0125	USS Dubuque OM EE wkg ICS81 USB (Chabak-AZ)
6506.4	0628	NHKW USCGC Confidence EE OM wkg NMO USB (Carlson-CA)
	1518	NILA USCGC Comanche OM EE wkg USCGC Citrus (Gaede-CA)
	1526	Research Vessel "Seasounder" wkg NMC (Gaede-CA)
8241.5	0335	GUNN "Cunard Princess" OM clg 8PO USB (French-MD)
8250	0042	PPE8 "Frotatokio" wkg PPC OM SS USB (Thompson-CA)
12539	0318	5MKN "Boyaca" Colombian Navy clg NBA CW (French-MD)
14415	0537	Research Vessel "Hero" OM EE wkg VLV Mawson Base LSB (Chabak-AZ)
16796	0329	YTFZ "m/v Molat" wkg JCS CW (Fitzgerald-RI)
20510	1710	UJYZ wkg CLN365 CW (Brown-IL)

AIRCRAFT

6723	0758	Kiwi 93Ø EE OM clg NCZm McMurdo USB (Russell-IL)
8826	2110	AH7993 EE OM clg Algiers Aeradio USB (Fitzgerald-RI)
	2117	PG798 OM EE clg Tunis Aeradio USB (Fitzgerald-RI)
8882	0450	Argentina 123 EE OM wkg Dakar Aeradio USB (Carlson-CA)
	0603	Varig 722 EE OM wkg Dakar Aeradio USB (Carlson-CA)
8945	2320	Lufthansa 519 wkg San Juan USB (French-MD)
8959	0234	MKØ55 EE OM wkg Tripoli Aeradio (Fitzgerald-RI)
8989	2315	Dragonfire 7Ø5 OM EE wkg McClellan USB (Russell-IL)
8992	0744	Orion 4204 OM EE trc USB (Russell-IL)
8997	0741	MedVac XDØ1 OM EE wkg McMurdo USB (Russell-IL)
9007	0653	Sam 86972 EE OM wkg Andrews LSB (Russell-IL)
11176	0223	CG#1600 OM EE patch via Elmendorf USE (Chabak-AZ)
11182	1925	Bloodhound 37 (ADP-3) OM EE wkg NAS via Scott (Russell-IL)
11239	0028	King 44 OM EE wkg RCC via McClellan (Chabak-AZ)
11249	0042	Executive 1F OM EE wkg Andrews LSB (Russell-IL)
13207	0658	Swan Ø9 OM EE wkg Swan Monitor via Anderson (Russell-IL)
13336	0430	Air India 212 OM EE clg Bombay Aeradio USB (Fitzgerald-IL)
13356	0401	KL594D OM EE wkg KLM LDOC Amsterdam USB (Fitzgerald-RI)

U. S. Naval Communication Station



GUAM, MARIANAS ISLANDS

(Thanks to Klaus Urbantke-ONTARIO and David Ewing-IL for the above)

LOGGINGS

ALASKA:	5519	1030	KIS7Ø Anchorage VOLMET EE aero wx (Dunn-CA)
	8628.5	0355	NOJ USCG Kodiak CW CQ mkr (Evans-TN)
	11176	0408	AKA Elmendorf AFB OM EE wkg LARK 51 (Chabak-AZ)
CANADA:	2182	0346	VAX Canso CG R OM EE notice AM (Moore-PA)
	6753	0631	CHR Trenton Military OM EE aero wx USB (Pokaticoff-IL)
	15920	2255	CFH Naval R Ellerhouse NS, CW V mkr (Chinsky-NY)
	16926.5	1145	CFH Naval R Ellerhouse NS, CW V mkr (Oexner-FRG)
MEXICO:	4250	0230	XFL D.G.T. Mazatlan de Sinaloa R CW mkr (Dunn-CA)
	8470	2320	XFL D.G.T. Mazatlan de Sinaloa R CW CQ mkr (Coomler-CA)
	8686	1545	XFU D.G.T. Vera Cruz R CW CQ mkr (Thompson-NM)
	12829.5	1615	XFM D.G.T. Manzanillo Colima R CW CQ mkr (Evans-TN)
U.S.A.:	2450	0437	WOU Boston Marine OM EE wx USB (Moore-PA)
	2566	0410	KOU Pac T&T San Pedro CA OM wx (Moore-PA)
	2670	0205	NMN8Ø USCG Hampton Rds VA YL EE wx (Moore-PA)
	4428.7	0430	NMC USCG San Fran OM EE hi sea wx (Kerrigan-IL)
		0420	NMN USCG Portsmouth VA YL EE high seas wx USB (Kerrigan-IL)
	6506.4	0050	NMN USCG Portsmouth VA wkg CGC Courageous USB (Pokaticoff-IL)
	6519	1048	WCM RCA Pittsburg OM EE inland waters tfc USB (Dunn-CA)
	6521.9	0138	KED New Orleans OM EE wkg KOGI USB (Carlson-CA)
	8550	0805	WPA RCA Port Arthur TX CW CQ mkr (Kneaskern-NY)
	8558.4	0653	KFS ITT San Fran R CW CQ mkr (Kneaskern-NY)
	8722	0639	WOM ATT Miami FL OM EE tfc USB (Pokaticoff-IL)
	8765.4	0800	NMG USCG New Orleans OM EE clg WY4385 USB (Kneaskern-NY)
	8967	0155	AFB8 MacDill AFB FL EE wkg JOYOUS (Chensky-NY)
	8989	0113	AFB8 MacDill AFB EE wkg MAC60154 (Pokaticoff-IL)
	8993	0220	AFB8 MacDill AFB YL EE wkg Navy 49667 (Stone-ONTARIO)
	11246	2151	AFB8 MacDill AFB OM EE USB check (Thompson-CA)
		2155	AFH3 McChord AFB OM EE w BATTLE61 (Thompson-CA)
		2157	AFI McClellan AFB YL EE wkg PUTT65 (Thompson-CA)
	11495	1845	VOA Greenville SSB feeder EE (Gaede-CA)
	12695.5	0441	KFS ITT Palo Alto R OM EE NOAA wx (Stern-NJ)
	13002	0234	KPH RCA San Fran R CW mkr (Oexner-FRG)
	13038	0242	KLC ITT Galveston R CW CQ mkr (Oexner-FRG)
	13122.5	0125	WOM ATT Pennsuco R EE tfc (Pokaticoff-IL)
	13272	0148	WSY7Ø NYC VOLMET OM EE aero wx (Pokaticoff-IL)
	13344	0207	KSP7Ø San Fran VOLMET OM EE AM wx (Kneaskern-NY)
	15015	2133	AFG37 USAF Scott AFB YL EE WKG NP62H USB (Thompson-CA)
	15492.5	1537	KKN5Ø State Dept Intell CW QRA mkr (Chensky-NY)
	15785	1653	WFM55 ITT NYC CW QRA mkr (French-MD)
	16222	2118	VOA Greenville EE feeder LSB (French-MD)
	20610	1645	KCW21 Smithsonian Lab Camb. MA wkg Brazil LSB (Brown-IL)

TACTICAL

6697 0134 WARCHIEF (USS Constellation) wkg RASPBERRY MIRIMAR USB
(Chinsky-NY)
6720 0847 DV EE w/ blind tfc to 8E LSE (Kerrigan-IL)
6721.5 0059 W3Q YL EE radio check w/ Y4H USB (Chinsky-NY)
6723 0051 WARCHIEF OM EE clg RASPBERRY BEAVER USB (Chinsky-NY)
6761 0230 EXCELLENT OM EE tfc w/ SKY KING (Stone-ONTARIO)
0235 ADAMANT YL EE wkg HOT TIP USB (Stone-ONTARIO)
8972 0239 DOD OM EE wkg SOV on Navy fqy "Kilo" USB (Fitzgerald-RI)
9027 0215 DODO EGG OM EE w/ sked "Skyking" msg USB (Chinsky-NY)
0220 CUSTER OM EE wkg BORAX 27 wx USB (Chinsky-NY)
11186 1955 EDGY 79 EE OM wkg "Billy Boy Format" via VXA (Russell-IL)
11243 0140 DIGNITARY wkg BONNO 31 OM EE USB (Chinsky-NY)
11708 1922 LIMEADE Control w/ net check (Gaede-CA)
14875 0030 J8B w/ coded traffic CW (Chinsky-NY)
15041 2216 FANTAIL wkg FULLBACK OM EE USB (Kerrigan-IL)
20170 1830 U4 QRA V mkr FSK (Brown-IL)
20550 1815 ACROBAT OM EE wkg 101 (Brown-IL)

SPY NUMBERS STATIONS

3060 0006 YL SS 5 digit grps "Final" 0013* 11/9 (Lippman-FL)
3090 0126 YL SS 5 digit grps "Final" 0128* 11/9+10 AM (Lippman-FL)
0219 YL SS 5 digit grps "Final" 0231* 11/8 AM (Lippman-FL)
2323 YL SS 5 digit grps "Final" 0238* AM 11/8+9 (Lippman-FL)
4670a 0403 YL SS '545' rptd 0410* AM 11/13+27 (Lattemann-WA)
5133a 0635 YL SS 5 digit grps AM 12/3 (Lattemann-WA)
6562a 0903* YL SS 5 digit grps "Atencion 418" AM (Munster-GA) 11/6
6572a *0815 YL SS 5 digit grps "Atencion 740 22", "Final" 0822* AM
11/27 (Munster-GA)
6747a *0714 YL SS "Atencion 000 50", "Final 0721* AM 11/30+12/7 AM (Nida-MN)
6777a *0700 YL SS "Atencion 001 22", "Final 0705* AM 11/28 (Munster-GA)
7342a 0711 YL SS 5 digit grps "Atencion 342 40" AM 11/19 (Gaede-CA)
7404a 0510 YL GG 5 digit grps, each rptd AM 11/27 (Munster-GA)
7740a *2233 YL EE "India, November", tones, "Attention 368 40" 5 digit
"End of Information" @ 2250* AM 11/18 (Munster-GA)
7887a *0800 YL SS "Atencion 954 79" 5 digit grps AM 11/7 (Nida-MN)
8173a 2245 YL EE 5 digit grps rptd "End of Information" AM 11/15
(Munster-GA)
8418a 0214 YL EE 5 digit grps "Repeat count 71", "End" @ 0225* AM 11/20
(Munster-GA)
8670a 2302 YL EE 5 digit grps, msg rptd AM ?/? (Trummell-IL)
8873a 0503 YL SS 5 digit grps AM 11/26 (Berkholtz-MN)
9110a *0700 YL SS "Atencion 352 35", "Final" 0706* AM 11/26 (Munster-GA)
9325a 0205 YL EE 5 digit grps, rptd AM 11/13+18 (Stone-ONTARIO)
10177a *0704 YL GG "Lima(?)" rptd, tfc list, 2 msgs, 5 digit grps,
"998 30 Gruppen 456 81 Gruppen 998", "Ende" 0720* AM 11/15
(Munster-GA)
11530a 0101 YL SS "065" rptd to 0110, tones "Gruppo 197" 4 digit
"Repeta" AM 12/7 (Nida-MN)
12235a 0525 YL SS 5 digit grps AM 11/21 (Pokutiloff-IL)
14970a *2218 YL EE w/ time tick 1 min before, 2223 tone "085 397" rptd
to 2233 // 10570a & 6570a, bcst rptd 12 hrs later on 10570a,
6840a & 6570a w/ msg ending 2 min later AM 11/23+24 (Nida-MN)
(ed. note: all numbers loggings used this month. rfb.)

RADIOTELETYPE

ANTARTICA:	22340a	2225	RUZU Molodezhnaya Base wkg UBI 66/425? (Stein-NJ)
CANADA:	13510t	2138	CFH Halifax Navy wx 100/850 (Stein-NJ)
CUBA:	14627	2342	CLN466 Habana SS nx 66/425 (Stein-NJ)
CYPRUS:	10220	0537	MKD RAF Akrotiri Fox/RY test 66/425 (Stein-NJ)
	10495	0202	MKD RAF Akrotiri Fox/RY test 66/425 (Stein-NJ)
	10586	0200	MKD RAF Akrotiri Fox/RY test 66/425 (Stein-NJ)
	11095	0345	MKD RAF Akrotiri RY test 66/425 (Stein-NJ)
	11653	0331	KWS78 US Emb Nicosia Fox test 100/? (French-MD)
	12262a	0415	KWS78 US Emb Nicosia Fox test 100/? (French-MD)
EGYPT:	13653	2222	SUA50 MENA Cairo QRA/RY test 66/? (French-MD)
	ENGLAND:	13695	0342
FRANCE:	13884a	0553	MKG RAF London Fox/RY test 66/425 (Stein-NJ)
	18335	1755	GPE38B Reuters London EE nx 66/425 (Stein-NJ)
	23545a	1743	GTF43 London EE nx 66/425 (Stein-NJ)
	8163	0149	HXX21 Paris Meteo. wx 66/425 (Stein-NJ)
	22915	1723	FTW91 Diplo Paris SS wx 66/425 (Stein-NJ)

GERMANY, E.:	7980	0305	DIS ASMW Nauen RY test 66/850 (Osterman-OH)
	13895	0600	DMV47 ADN Berlin EE trans for Afr/MidEast 66/425 (Stein-NJ)
	13925	0603	DKS Berlin RY test 66/425 (Stein-NJ)
	24001a	1240	DEU3 Berlin RY test from DEU3/DBX8/DEU2/DEU5/DKU4 66/425 (Stein-NJ)
KENYA:	13366.5	0435	5YD9 Nairobi Air wkg ETD3 and HKNC w/ wx 66/425 (Stein-NJ)
KOREA, N.:	13512	0330	HMS61 KCNA Pyongyang EE press 66/425 (Osterman-OH)
	15633	0345	HMH21 KCNA Pyongyang QRA mkr 66/425 (Stein-NJ)
LEBANON:	6985	0133	ODT Beirut Air RY test 66/425 (Stein-NJ)
LIBYA:	20560	1725	JANA News Tripoli EE press 66/? (French-MD)
NEW ZEALAND:	14849a	0438	ZLX37 NZPO Himatangi EE RY test, wx 66/850 (Osterman-OH)
PAKISTAN:	19731	0307	4UA Rawalpindi QRA mkr 100/425 (Stein-NJ)
PERU:	14560	2346	DAG2 COBPAC Limatambo SS/EE wx 66/425 (stein-NJ)
REUNION:	8176	0151	FZR81 St. Denis Meteo wx 66/425 (Stein-NJ)
SAUDI ARABIA:	14372.5	2359	HZJ Jeddah Air RY test 66/425 (Stein-NJ)
	17590	0513	HZN49 Jeddah Meteo wx 66/425 (Stein-NJ)
SENEGAL:	13666a	2206	6VY41 Dakar (6VU73/79) wx 66/425 (Stein-NJ)
	10409	0540	6VU ASECNA Dakar RY test 66/425 (Stein-NJ)
	10407	0252	6VU ASECNA Dakar RY mkr 66/425 (French-MD)
	6975	0127	6VU38 ASECNA Dakar RY mkr 66/425 (Stein-NJ)
SUDAN:	11062	0358	STK Khartoum Air EE wx 66/425 (Stein-NJ)
	13995	2201	STK70 Khartoum RY mkr 66/425 (Stein-NJ)
SURINAM:	12209a	0204	PZP Paramaribo V mkr 66/425? (Stein-NJ)
U.S.A.:	18273	1744	WFL28 ANSA NYC RY test (WFL60 & WFK93 on 10748.5 & 13843 respectively) 66/425 (Stein-NJ)
	14725	2258	WFD44 DPA New York SS nx 66/425 (Stein-NJ)
	15908	0018	WEY35 AFP New York SS nx 66/425 (Stein-NJ)
	23716.5	1727	WFG83 AFP New York SS nx 66/425 (Stein-NJ)
U.S.S.R.:	25083	1308	EVVZ Leninskaja Iskra wkg UJY 66/170 3rd shift Cyrillic (Stein-NJ)
	25089a	1502	UJY Kaliningrad R. RY mkr 66/170 (Stein-NJ)
	21840a	1605	RQL70 TASS Moscow FF nx 66/425 (Stein-NJ)
YEMEN:	11540a	0519	70C Aden RY test 66/425 (Osterman-OH)
SHIPS:	12526a	2246	URFM "Kimovsk" RR tfc 3rd shift Cyrillic 66/? (French-MD)
	16660a	2239	UYPC "Michurin" RR tfc 3rd shift Cyrillic 66/? (French-MD)
	25083a	1230	LYBK wkg Kaliningrad R. 66/170 3rd shift Cyrillic 66/170 (Stein-NJ) All RTTY loggings used.
<u>UNIDENTIFIED</u>			
UNID.:	8868a	0318	"Gulf Station Radio" OM EE wx in Bermuda, etc., 0320* (Berkholtz-MN)
	8990	0730	BT5I RAF "Celebrity" bcst, QTH? OM EE tfc USB (Russell-IL)
	11135a	1050	RJS clg ROD w/ tfc CW (Chinsky-NY)

So ends another month. A pretty good showing this time, hope that you'll all be back next month with a lot more loggings and QSLs for Ken. Speaking of which, Ken wants me to ask all Utility DXers to pick out the best of your Utility QSLs and send a clear Xerox copy to Ken. All QSLs used will receive full credit. So get them in today! If you'd like to see your most recent QSLs in upcoming issues of SPEEDX try to send two copies.

Hope the New Year is good one for all of you. See you soon in the pages of SPEEDX. For anyone who has questions about the SUG or any comments contact me at P.O. Box 398, Belmont, Massachusetts 02178.

73,

Bob

Bob

QSL REPORTS

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

January, 1980 - a HAPPY and most prosperous NEW YEAR to you all. Please don't forget all those Resolutions that you may have made.

Michael Oexner of Germany has checked in with a QSL from Radio Bayrak from The Turkish Federated State of Cyprus; and also a no/data letter from Africa #1, Gabon's test transmissions from their International site at Moyabi. This letter was received via Telediffusion De France, Paris.

Alex Vranes received a letter verification from The Radio Voice of Lebanon. Radio Lebanon has yet to be heard from to my knowledge.

It is also interesting to note that The Voice of Chile has again been responding to reports. Quite a few QSLs were received by members this month.

Relatively speaking, The Falkland Island Broadcasting Service is being heard by a number of people. I was lucky enough to hear portions of three of their transmissions. The big problem is that their signal is so poor and undependable that it is very hard to copy meaningful details for a 15 minute report. They are rather "pickey" about having substantial details before they will issue a verification. Let's hope that someone will score by getting a verification from them during this period of unusual reception.

A fair number of reporters (70) reporting this month, 2 for the first time. Let's keep up the work - it's your club and I can report only what you send in.

Away we go !

Europe

ANDORRA: AWR via R. Andorra, 6215, f/d Globe between Hands cd in 23d sfc, no rp (OEXNER GERMANY)

AUSTRIA: ORF, 6155, 9770, 12015, 15260. F/d cds in 14-90ds air and sfc, for 1 IRC no rp. "Adam", "Moosbrunn Transmitter Site", "Paintings of Austria" etc. (HASKETT IN)(DAVIS GA)(SMITH FL)(FORBES TX)(OWSLEY CA)(FISCHER GERMANY)(MILLER CA)

BELGIUM: BRT/ORU, 11715, 17745. F/d cds and ltrs in 30-55ds air, no rp. (MILLER CA)(HASSELKUS OH)(BYRON NY)(HOOK FL)(MUNSTER GA)

BULGARIA: R. Sofia, 11750, f/d "Nessebur" cd in 82d, no rp (HASSELKUS OH), f/d "View of Zlatni Plassatz" cd in 34d air, no rp (HOOK FL), same cd in 102d air, no rp (SEMESKY IN), f/d "Nessebur" cd in 83d, no rp (WILLIS PA)

CZECHOSLOVAKIA: R. Prague, 5930, 7345, 9540, 11990, 17840. F/d cds in 40-113ds air, no rp. "St. Nicholas Cathedral", "Castle on the Danube", "Bratislava" etc. (TRUMMEL IL)(FORBES TX)(KERN CA)(HASSELKUS OH)(MELLINGER NJ)(MILLER CA)(FOURNIER VA)(SMITH FL)

DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cds in 14-47ds air, for 1 IRC no rp. (HASSELKUS OH)(DAVIS GA)(JONES VA)(FISCHER GERMANY)

FINLAND: R. Finland, 15400, no/data "Autumn Scene" cd in 42d air, no rp (DAVIS GA), 21475, no/data Industry of Wood Processing cd in 30d air, no rp. (FORBES TX)

FRANCE: R. France International, 15300, f/d "Palais De La Radio" cd in 34d air, no rp (SEMESKY IN), 17850, f/d "Charles De Gaulle Station" cd in 28d air, for 1 IRC (FISCHER GERMANY), 21580, f/d "Centre National D'Art" cd in 48d air, no rp (JONES VA), 21675, f/d "La Gove Maine Molpavness" cd in 31d air, no rp (BLOM NY)

GERMANY(Democr. Rep.): R. Berlin International, 6080, f/d "Clock Tower" cd in 58d air, no rp (FISCHER GERMANY), 9730, same cd in 28d air, no rp (RZEPKA WI), f/d Painting of Berlin cd in 75d air, no rp (FRASER MA)

GERMANY(Federal Rep.): Deutsche Welle, 6100, no/data Logo cd in 57d air, no rp (OSSEGE OH), no/data, cd and sticker in 97d sfc, no rp (TRUMMEL IL)

GREAT BRITAIN: BBC, 6120, no/data "Tower Bridge" cd in 41d air, no rp (SERSHON IL)

GREECE: V. of Greece, 9515, f/d "Yora Island" cd in 28d air, no rp (HEYMAN NY), 11730, f/d "Summer" cd in 107d, for MS and 1 IRC (HASKETT IN), 17830, f/d "Rhodos Beach" cd in 137d sfc, no rp (McLEAN NY), same cd in 125d air, no rp (HEYMAN NY)

HOLLAND: R. Nederland, 17605, f/d Girl in Native Costume cd in 17d air, no rp (DAVIS GA)

.. If you are worried about missing the boat - remember The Titanic ..

HUNGARY: R. Budapest, 9585, f/d Shortwave Club cd in 65d air, no rp, also pennant (TRUMMEL IL), 9655, f/d Popular Costumes cd in 87d sfc, no rp (SMITH FL), 9835, f/d Logo type cd in 96d sfc, no rp (MUNSTER GA), f/d black/yellow/red/purple Logo cd in 62d, no rp (BROWN IL)

ITALY: RAI, 15315, f/d Art cd in 82d sfc, no rp (FOURNIER VA), 17795, f/d "Ladorazione dei Pastori" cd in 52d sfc, no rp (TRUMMEL IL)

LUXEMBOURG: R. Luxembourg, 6090, f/d Coat of Arms with Antenna Tower cd in 66d, no rp (HASKETT IN), same cd in 168d air, for 1 IRC (HAGEN IL)

MALTA: IBRA, 9630, IBRA Radio reaching Europe cd in 92d air, for 1 IRC (BLOM NY)

MONACO: TWR, 9495, f/d World Map cd with TWR Sites in 43d air, for 1 IRC (HOWARTH WA), same cd in 34d air, for 3 IRCs (SEMESKY IN)

NORWAY: R. Norway, 9605, 11850, 11860, 17755, 21730. F/d cds in 17-63ds air and sfc, for 1 IRC no rp. "Winter Scene in Norway", "Latefoss Falls" etc. (BLOM NY)(FRASER MA) (KERN CA)(HOOK FL)

POLAND: Polskie R., 7285, 9525, 11815, 15120. F/d cds in 30-139ds air, for 2 IRCs no rp. "Modern Industry", "Painted Landscape", "Three Ships" etc. (FISCHER GERMANY)(DAVIS GA) (BYRON NY)(STONE ONT)(McLEAN NY)(ZANINI CO)(MILLER CA)

PORTUGAL: R. Portugal, 11935, "Summer" cd in 21d air, no rp (OSSEGE OH)
IBRA via Sines, 9670, f/d "Reaching Latin America" cd in 109d air, for 2 IRCs (CUCURA PA)
R. Japan, via Sines, 17815, date/freq. "Straw Horse" cd in 44d air, no rp (FISCHER GERMANY)

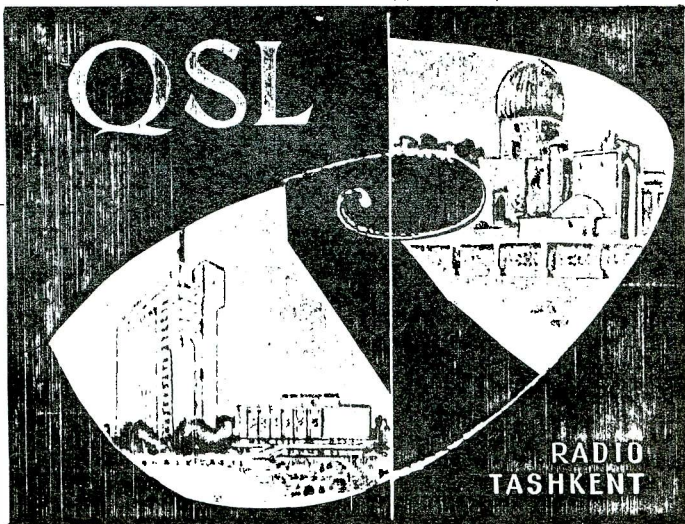
ROMANIA: R. Bucharest, 9570, f/d "Le Chateau de Peles" cd in 100d air, no rp (FORBES TX), f/d "Hercules" cd in 71d air, no rp (MILLER CA), 11940, f/d "Mamaia Beach" cd in 88d air, no rp (FOURNIER VA)

SPAIN: R. Exterior de Espana, 9630, 9685, 11880. F/d cds in 26-36ds air, for 2 IRCs no rp. "Santa Maria La Blanca", "Toledo" etc. (RAY PA)(FISCHER GERMANY)(DAVIS GA)(SMITH FL)(HEYMAN NY), with pennant (MOSS CA)
R. Liberty via Playa de Pais, 21510, f/d USSR Map cd, with Microphone in 63d air, for 1 IRC (HOPKINS PA)

SWEDEN: R. Sweden, 9695, 11705, 11905. F/d cds in 15-27ds air, no rp. "Woodland and Water Scene", New Policy cd, Blue/yellow Map cd etc. (FORBES TX)(TRUMMEL IL)(SMITH FL) (McLEAN NY)(KERN CA)(MILLER CA)

SWITZERLAND: Swiss R. International, 9560, 9725, 11715, 15305, 17830, 21570, 21585. F/d cds in 18-94ds air and sfc, for 1 IRC no rp. "Verbier, Valais", Mountain Landscape, "Fribourg" etc. (MILLER CA)(JONES VA)(TRUMMEL IL)(DAVIS GA)(SMITH FL)

USSR: R. Moscow, 9550(Moscow), 9700 (Moscow), 11630 (Moscow), 11750 (Lvov), 11780, 11805(Tbilisi), 11920(Baku), 11960 (Moscow), 11960 (Kengal), 1200(Tula) 12030(Petropavlovsk) 15150(Minsk), 15195 (Ashkhabad), 15535 (Frunze), 13 MB.
F/d cds in 36-75ds air, no rp. "Winter Scene", "Olympic Bear", Skyscraper etc. (SMITH FL) (YAJKO PA)(JONES VA) (FISCHER GERMANY) (VRANES PA)(RZEPKA WI)(FRASER MA)
R. Kiev, 11735, f/d "Building of the Supreme Soviet" cd in 76d air, no rp (McLEAN NY)



Thanks to: Paul Brewer

R. Station Peace and Progress, 19MB, f/d Birch Tree cd in 47d air, no rp (JONES VA), 12035, same cd in 35d air, no rp (FISCHER GERMANY)
R. Tashkent, 11730, 15460. F/d cds in 33-60ds air, for 2 IRCs no rp. "Old and New Buildings", "USSR Emblem", Map of USSR with Tashkent and Moscow indicated etc. (HEYMAN NY)(TRUMMEL IL)(BUHAGIAR ONT)(CUCURA PA)(FALLOWS ONT)(FISCHER GERMANY)(HASSELKUS OH)
R. Vilnius, 15525, 17870. F/d cds in 39-110ds air, for 1 IRC, no rp. "Draugyste Hotel", "Gorki Street" etc. (HASSELKUS OH)(BROWN IL)(LOREN CA)

VATICAN CITY STATE: R. Vaticana, 11810, f/d "Nervi Hall" cd in 16d air, for 1 IRC (MILLER CA), 11845, no/data Garden and Transformer cd in 16d air, no rp (TRUMMEL IL)

Africa

ANGOLA: R. Nacional, 9535, f/d ltr. in 35d registd. air, for 2 IRCs, v/s Antonio Jose s. Ramos de Almeida (TIMMER IN), 11955, f/d friendly EE ltr. + 7 stamps in 10 mths. registd. air, for 3 IRCs (VRANES PA)

ASCENSION ISLAND: BBC Relay, 15260, date/freq. "Broadcasting House" cd in 5 wks. air, no rp (MOSS CA) Unusual that Ascension reports will often contain some data. bd VOA Relay, 21490, f/d "Four Seasons" cd in 31d sfc, no rp (OEXNER GERMANY)

BENIN(People's Rep.): ORTB, Antenna Flag cd in 58d sfc, for 2 IRCs (HOLBROOK MD)

CAMEROON: R. Yaounde, 9745, f/d Map cd in 60d air, no rp (WITTE CA)

CANARY ISLANDS: R. Exterior de Espana Relay, 15365, f/d "Casares" cd in 21d sfc, no rp, also pennant (OEXNER GERMANY)

EGYPT(Arab Rep.): R. Cairo, 9745, f/d "Pyramids" cd in 187d air, no rp (LOREN CA), same cd in 78d air, no rp, v/s Rita (HEYMAN NY), 9805, f/d "Egyptian Art" cd in 123d air, no rp (DAVIS GA)

GABON: Rdif. TV Gabonaise, 3350, no desc. f/d cd in 35d, for 2 IRCs, v/s Jean Nembé (OEXNER GERMANY), 4777, date/only Map cd in 196d sfc, for 2 IRCs (OWSLEY CA)

Africa #1 (International Test Transmissions), 21475, no/data ltr. via TDF in 23d sfc, no rp, rptd. in FF (OEXNER GERMANY)

KENYA: V. of Kenya, 4915, Blue Aerogramme in 195d air, for 1 IRC (MOORE PA)

MADAGASCAR: R. Nederlând Relay, 11730, 21480. F/d cds in 11-16ds air, no rp. Bonaire Site (SMITH FL)(TRUMMEL IL), sticker + pennant (BREWER TN)

NIGERIA: V. of Nigeria, 15120, f/d green/white flag cd in 120d, for 1 IRC (HASSELKUS OH)

FRC Lagos, 4990, f/d ltr. in 8 mths. air, for 1 IRC (RZEPKA WI)

FRC Sogunle, 4990, no desc. f/d ltr. in 96d, for 1 IRC (OEXNER GERMANY)

NBC, 4990, f/d ltr. in 43d air, for 1 IRC (PROOM ENGLAND)

SEYCHELLES: FEBA, 15405, no/data Map cd in 6 mths. sfc, for 1 IRC (HOLBROOK MD), same cd in 39d sfc, no rp (OWSLEY CA)

SOUTH AFRICA: RSA, 5980, 9585, 9610, 11900, 15220, 17780, 21535. F/d cds in 19-30ds air, for 1 IRC no rp. "Table Mountain", "The Golden Mile", "Kingfisher" etc. (MUNSTER GA) (MOSS CA)(THOMPSON NM)(LOREN CA)(STONE ONT)(BEEMAN OH)(WILLIS PA)(FRASER MA)

TOGO: Rdif. TV Togolaise, 5047, date/time Map-Logo cd in 137d sfc, for 1 IRC (HAGEN IL)

TUNISIA: Rdif. TV Tunisienne, 7225, f/d Man Watering Camels cd in 90d air, for 1 IRC (AUDETTE MA)

UGANDA: UBC/R. Uganda, 15250, 15325. F/d UBC Studio Complex cds + a few ltrs. in 64-310ds air and sfc, for 1-2 IRCs no rp. v/s A. C. Kizakizito (RZEPKA WI)(KOWALSKI WI)(ZANINI CO)(SERSHON IL)(WITTE CA)(WILLIS PA)(FRANZIS CT)

ZAMBABWE-RHODESIA: ZRBC, 3396, f/d very large Map cd in 32d air, for 1 IRC (MARTIN RI)

Asia

AFGHANISTAN: R. Afghanistan, 15070, f/d "Bamyan Buddah" cd in 71d air, for 2 IRCs (BLOM NY), same cd in 35d air, for 1 IRC (HOPKINS NY)

BRUNEI: R. Talivishen Brunei, 7215, date/freq. Map/City cd in 60d air, for 2 IRCs (FORSMAN CA)

CHINA: R. Peking, 15115, 17680, 17855. F/d and date/freq. cds in 19-27ds air, no rp. "Happiness Canal", Mountain Scene etc. (SMITH FL)(MOSS CA)(BLOM NY)(FALLOWS ONT) (FOURNIER VA)

CPBS, 11302, f/d no desc. cd in 17d air, for 1 IRC (LAZARUS LA)

Fujian Front Station, 5265, no desc. f/d cd via Peking in 18d air (MOORE PA)

PBS Heilongjiang, 5950, no desc. f/d cd via Peking in 18d air (MOORE PA)

CYPRUS(Turkish Federated State): R. Bayrak, 6141, date/only white/black/yellow folder cd, also ltr. and tourist info. in 19d air, for 1 IRC (OEXNER GERMANY)

INDIA: AIR, 9912, f/d Fishing Boat cd in 1 year 4 mths. air, no rp (BLOM NY), 11620, f/d "Ducks at the Delhi Zoo" cd in 90d air, no rp (FOURNIER VA), 11740, same cd in 100d air, for 1 IRC (BYRON NY), 15335, State Assembly cd in 64d, for 1 IRC (HASSELKUS OH)

INDONESIA: V. of Indonesia, 11790, F/d and date/freq. cds in 71-301ds air, for 1 IRC no rp. "Cikar-Cow Cart" (HOPKINS PA), "Tongkonan" (OEXNER GERMANY), "Highlands of Mount Bromo and Tengger" (MCLEAN NY)(HEYMAN NY)

RRI Gorontalo, 3265, f/d Mimeographed ltr. in Indo. and EE in 1 mth. air, for MS, v/s Saleh S. Thaib (LAZARUS LA)

IRAN(Islamic Rep.): V. of Iran/ V. of Islamic Iran, 9022, f/d NIRT Transmission Centre cd in 46d air, no rp (AUDETTE MA), f/d "Mashad Centre cd in 38d air, for 1 IRC, also pennant (MCLEAN NY), 15084, f/d NIRT Transmission Centre cd in 29d, for 2 IRCs (HASSELKUS OH)

IRAQ: R. Baghdad International, 9745, date/freq. cd with pennant and newspapers in 86d air, for 1 IRC (WILLIS PA), 11925, f/d Map cd + yellow/black pennant in 68d air, for 2 IRCs (DONLY SC)

ISRAEL: IBA, 11655, 11960, 11985, 15105, 15485, 17645, 21635. F/d cds in 41-93ds air, no rp. Flags of Israel (HEYMAN NY)(RZEPKA WI)(AUDETTE MA)(MOSS CA)(BYRON NY)(SMITH FL) (BUHAGIAR ONT)(SERSHON IL)

JAPAN: R. Japan, 9505, 17725, 17755, 17825, 21640. F/d and date/freq. cds in 19-38ds air, no rp. "Straw Horse" (DAVIS GA)(ZANINI CO)(THOMPSON NM)(MILLER CA), "Bamboo Grove" (GEORGE TX), "Doll Playing Koto" (McLEAN NY)(SMITH FL), "Straw Doll" (MOSS CA)

KOREA: R. Korea, 9525, f/d Geometric Logo cd in 57d air, no rp (SEMESKY IN), 11830, pennant with f/d typed thereon in 33d air, no rp (EVANS TN)

LEBANON: R. Voice of Lebanon, 6550, f/d typed ltr. with schedule in 26d air, for 3 IRCs, v/s Joseph El-Hachem (VRANES PA)



Radio Lebanon

Beirut

Alas ! Vintage
1965 - Thanks
to: Paul
Kowalski

Mr. Paul S. Kowalski

611 Bucholz St.

Two Rivers, Wis

U.S.A.

MALAYSIA: V. of Malaysia, 6025, f/d Mosque Type Building cd in 178d air, for 3 IRCs (OAKLEY OR), 6175, f/d green Map/Logo cd in 44d air, no rp (MARTIN RI), 15295, f/d Map cd in 135d sfc, for 1 IRC (SCHWEIKART VA)

R. Malaysia Sarawak, 4895, f/d "Broadcasting House" cd in 17d air, for 2 IRCs (THOMPSON NM)

PAKISTAN: R. Pakistan, 17830, no/data "View of Shakar Paryan" cd in 32d air, for 2 IRCs (RAY PA), 17790, no/data "City Center" cd in 30d air, for 1 IRC (FISCHER GERMANY)

PHILIPPINES: AFARTS, 21670, f/d "Four Seasons" cd in 5d sfc, via VOA at Austria, no rp (OEXNER GERMANY)

FEBC, 11765, f/d Map cd in 28d air, for 3 IRCs (GEORGE TX), 15440, partial/data ltr. in 26d, for 3 IRCs (HASSELKUS OH)

R. Veritas Asia, 9590, 11955, 15220. F/d cds in 20-27ds air, no rp, v/s Larissa P. Malinao. "Thailand, Land of the Free", Multilingual etc. (MILLER CA)

VOA Relay, 6110, f/d "Satellite Americom" cd in 22d air, no rp (THOMPSON NM)

V. of the Philippines, 9580, date/only ltr. in 30d air, no rp (MILLER CA)

SINGAPORE: BBC Relay, 11750, no/data "Tower Bridge" cd in 106d sfc, no rp (HOPKINS PA)

TIAWAN: VOFc, 15270, f/d Dragon Vase cd + pennant in 24d air, for 2 IRCs (MILLER CA), 15345, f/d "Horse Painting" cd + pennant and sticker in 22d air, for 1 IRC (CUNNINGHAM CA), same cd + new red/white/blue North American Service pennant in 40d air, for 2 IRCs (DONLY SC), 15425, same cd + pennant and sticker in 35d air, no rp (MARTIN RI)

TURKEY: V. of Turkey, 9515, 11955. F/d and time/freq. cds in 19-86ds air and sfc, no rp. "Love and Peace" (DAVIS GA), plus pennant (FOURNIER VA)(BUHAGIAR ONT)(FRASER MA)(SMITH FL), "Nasrettin Hodja" (MILLER CA), plus pin and sticker (BUHAGIAR ONT), with flag (LOREN CA)

VIETNAM(Socialist Rep.): V. of Vietnam, 15012, f/d thin cd in 165d air, for 1 IRC (SCHWEIKART VA)

YEMEN(Arab Rep.): R. San'a, 9780, date/freq. form ltrs. in 179-350ds air, for 1 IRC (HAGEN IL)(OEXNER GERMANY)

Oceania

AUSTRALIA: ABC, VLW9, 9610, f/d Map cds in 12-20ds air, no rp. (RAY PA)(MARTIN RI)(BREWER TN)(OWSLEY CA)(CRAWFORD CA), VLW15, 9610(?), 15425. F/d Map cds in 32-?ds air, for 1-2 IRCs (GRANONE NM)(CRAWFORD CA)

R. Australia, 9570, 9580, 9670, 9770, 11790, 15240, 17795, 17820, 17870, 21680, 21740. F/d cds in 16-94ds, for 1-2 IRCs no rp. (SMITH FL)(JONES VA)(FRASER MA)(KOWALSKI WI)(THOMPSON NM)(HEYMAN NY)(MOSS CA)(FALLOWS ONT)(FOURNIER VA)(ZANINI CO)

GUAM: TWR/KTWR, 11840, f/d Palm Trees and Stone objects cd in 38d, for MS (HASSELKUS OH), same cd in 11d air, for 1 IRC (KERN CA)

NEW ZEALAND: R. New Zealand, 17860. F/d cds in 11-23ds air, for 1-3 IRCs no rp. "Hot Springs" (MOORE PA)(CRAWFORD CA)(BYRON NY), Scene with Snow Covered Rocks and Trees (KERN CA)

PAPUA NEW GUINEA: NBC, 4890, f/d yellow Map cd in 210d sfc, no rp (OWSLEY CA), 9520, same cd in 140d sfc, no rp (HAYES BC)

R. Mandang, 3260, Map cd in 33d air, for MS, was f/d, v/s J. K. Koniel (VRANES PA)

R. North Solomons, 3322.5, f/d ltr. on NBC Ltrhead. + Map cd in 75d air, for MR, v/s Aloysius Sahoto (VRANES PA), f/d ltr. on NBC Ltrhead. + blank Map cd in 180d sfc, for 1 IRC (LATTEMANN WA)

SOCIETY ISLANDS: FR3/R. Tahiti, 15170, f/d Nude Island Girl cd in 22d air, for 1 IRC (MARTIN RI)

SOLOMAN ISLANDS: SIBC, 5020, f/d black/white Logo cd in 180d sfc, for 2 IRCs (VRANES PA), 9545, same cd in 24d air, for 1 IRC (HAGEN IL), same cd in 14d air, for 1 IRC, v/s Aloysius Sahoto (WITTE CA)

Antarctica

McMurdo/AFAN, 6012, no/data Penguin Logo cd in 38d air, for MS, v/s Gerry Crinnin (KOWALSKI WI)

South America

ARGENTINA: RAE, 11710, f/d Large Anniv. "Campaign to the Desert" cd in 54d air, for 1 IRC (AUDETTE MA), f/d blue/white Logo cd in 91d air, for 1 IRC (HEYMAN NY)

R. El Mundo, 6120, date/only blue/white Microphone cd in 52d sfc, for 1 IRC (HOPKINS NY)

BOLIVIA: R. Fides, 4845, no/data ltr. in 13d air, for MS, v/s Eduardo Perez Iribarne (LAZARUS LA)

R. Padilla, 3479, SS ltr. + pennant in 40d air, for MS and "goodies" (MOORE PA)

BRAZIL: R. Nacional/ R. Bras, 15280, 15290. F/d cds in 13-36ds air, for 1-2 IRCs no rp. "Sunset over Brasilia", black/white typed cd, Radio Bras Studios, Office Complex etc. (FOURNIER VA)(GRANONE NM)(LOREN CA) (TRUMMEL IL)(KOWALSKI WI)(AUDETTE MA)(HOOK FL) (MILLER CA)(HEYMAN NY)

R. Bare, 4895, no/data ltr. in 90d air, for MS, v/s Luís Rougles Fonseca (LAZARUS LA)

R. Guaiba, 5965, no/data multilingual cd in 25d air, for MS, v/s Paulo Deniz (VRANES PA)

R. Relogio Federal, 4905, white cd, with verie. statement in B/Tue in 14 mths. air, for 2 IRCs (LOBDELL MA)

CHILE: V. of Chile, 11765, 15130, 15140, 17800. F/d cds in 30-83ds air, for 1-2 IRCs no rp. "Rebuilt Santiago", "Dawn at Central Mountain", "Unity Peace and Liberty" etc. (SEMESKY IN) (MCLEAN NY)(RZEPKA WI)(HEYMAN NY)(ZANINI CO) (SMITH FL)

COLOMBIA: Rdif. Nacional, 15335, date/freq. "City of San Andres" cd in 90d air, for MS (AUDETTE MA)

Ecos del Combeima, 6025, SS form ltr. with verie. statements, + 2 Colombain bank notes in 31d air, for 2 MS, rptd. in SS, v/s Alfonso Tovar (VRANES PA)

La Voz de Cinaruco, 4865, no/data blue Map cd in 65d sfc, for 1 IRC (HOPKINS PA), same cd + golden sticker in ?d, for 2 IRCs, v/s Mario Fric (OEXNER GERMANY)

R. Guatapuri, 4815, no desc. date/only ltr in 113d + pennant (OEXNER GERMANY)

R. Super Medellin, 4875, no desc. date/freq. cd in 45d sfc, for 1 IRC (WALLACE HI)

ECUADOR: HCJB, 6095, 9715, 9745, 11835, 11900, 11915, 15115, 15245, 21480. F/d cds in 27-101ds air, for MS no rp. (MOSS CA)(SMITH FL)(THOMPSON NM)(AUDETTE MA)(MILLER CA) (JONES VA)(FISCHER GERMANY)

R. Zaracay, 3390, freq./only SS ltr. + 2 pennants in 30d air, no rp (MOORE PA)

GUAYANA: GBS, 5950, f/d ltrs. in 43-52ds air, for 1 IRC.(BLOM NY)(HOPKINS NY)(CUCURA PA)

GUAYANA(French): FR3/Cayenne, 3385, freq./only Map cd in 30d air, for MS (MOORE PA)

PERU: R. Atlantida, 4790, no/data ltr. in 114d air, for 2 IRCs (OEXNER GERMANY)

R. Tropical, 4935, no/data cd + Parrot pennant in 21d air, no rp (MOORE PA)

VENUEVELA: Ecos del Torbes, 4980, date/only usual ltr. in 44d air, for 1 IRC (HOPKINS NY)

R. Barquisimeto, 4990, date/freq. Network cd in 86d, for MS, SS rpt. (KASPRZYK TX)

R. Carora, 4907, date/freq. ltr. in 29d air, for 1 IRC, SS rpt. (OEXNER GERMANY)

R. Continente, 5030, no/data SS form ltr. in 8 mths. air, for MS (VRANES PA)

R. Lara, 4800, date/freq. Network Logo cd in 78d sfc, for 1 IRC (HOPKINS NY)

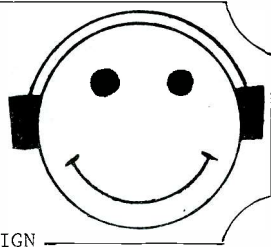




HAPPENINGS

HANDICAPPED AID PROGRAM

WAYNE DAVIS - DIRECTOR
27 Cleveland Ave
Trenton, NJ 08609



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

HAPPENING FOR 10/79

The fruits of Sam Barto's year-long fund drive for the Handicapped Aid Program were delivered at the annual New England DX outing held over the weekend of September 8-9.

Many prominent DXers from the East Coast were present at a Saturday night banquet at the Holiday Inn of Waterbury, Conn. when Barto presented a check of \$1,200, to HAP marking the proceeds from his sale of items donated by broadcasters throughout the world.

During this past year, Sam "auctioned" items such as pennants, QSL cards, stickers, records, T-shirts and other goodies through his monthly QSL column in *FRENDX*, the official publication of the North American Short wave association. To collect the items, Barto sent over 700 letters to various international and domestic broadcasters asking for their support of the Handicapped Aid Program. The response to his efforts was encouraging beyond belief as some 12,000 items were soon delivered to his Watertown Conn. QTH.

Barto's efforts did not stop there, however. During August, he mailed out over 1,800 letters requesting donations for next year's fund raising efforts. More than 1,000 letters are still pending. So it looks like 1980 could be an exciting year for those who collect radio related items.

On Sunday, Sept. 9, the center of activity was shifted to Black Road State Park where an auction of still more radio goodies was held. While the final figures were not available at press time, it is estimated that the auction raised well in excess of \$800.

We at HAP would like to take this opportunity to thank Sam and his assistant Gregg Bares as well as all those New England DXers who helped to make the outing so successful. Naturally all funds received at such events are used by HAP in its efforts to introduce our hobby to the physically handicapped. HAP provides such services as equipment loans, club memberships, taped materials for the blind and other specific materials that our members may need.

QSL ITEMS AVAILABLE

Through recent donations, HAP can now offer its members materials that will help bring in QSL verification cards from various broadcasters.

HAP has on hand a large supply of reception report forms printed in English, French and Spanish. For a more personal reception report, form letters are also available in Spanish, French and Portuguese. HAP can also offer a limited supply of past issues of the SWL's Bible, the World Radio-TV Handbook. While most of the frequency and time schedules in the handbooks are dated, they still provide other useful information such as station addresses.

Any HAP members who want to fill their mailboxes with letters from foreign ports of call should contact HAP headquarters at the address listed above.

HAPies are also invited to contact headquarters if they have any equipment problems or hobby related questions. We're here to help, so speak up if you encounter any problems.

NEW MEMBERS

In recent weeks, HAP has had the pleasure of adding two additional members to its ranks. Both new HAPies already own their radios so HAP will provide reduced rate club memberships and our basic information package of hobby information. One of HAP's newest members is visually disabled, so a taped edition of *SPEEDX* will be arranged.

If you have a few extra hours each month, why not get involved in reading a hobby publication for a blind HAPie? Besides providing the necessary information to insure a HAPie's success in the radio hobby, you'll have the pleasure of person-to-person contact with a fellow DX'er.

Currently HAP offers *SPEEDX* on tape as well as ASWLC's "SWL", NASWA's "FRENDX" and Glenn Hauser's "Review of International Broadcasting." If you would like to join the HAP team, contact your radio club or Ruth Vollrath, HAP assistant director, 432 N. Lyon St., Marshall, MO., 65348.

Well, that just about wraps up this month's HAP report. Until next time, good DX and the best of 73's...

Wayne

Tips and Topics

The Feature Section of SPEEDX

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

PANASONIC RF-4800 AND RF-4900

by Ralf F. Kunster

Under "Tips and Topics," the January 1979 issue of SPEEDX contained a review of the RF-4800 that reads as if it had been written in the publicity department of Panasonic, or more precisely the Matsushita Electronics Corporation of America, rather than by a member of SPEEDX whom I shall here charitably leave nameless. While that review characterizes the RF-4800 as a "truly outstanding receiver" with "superior stability and selectivity as well as good image rejection" and then once more mentions its "good image rejection while preventing cross-modulation," the RF-4800 I have owned since the beginning of March, 1979, has been beset by severe problems from the start. While Panasonic claims for the frequency stability that "thirty minutes after power-on, fluctuation is less than 500 Hz," my observations show that within less than an hour, it will drift from a setting of, say, XX29 all the way down to XX29 kHz. Such drift may not be overly annoying on AM but for reception on SSB, this means that one practically has to keep one's fingers on the "BFO Pitch Control" knob. Should you encounter a station - and believe it or not, there is such, though that is a separate story - simultaneously broadcasting on LSB and USB, you will get nothing but hash with an RF-4800.

As for the set's selectivity, even Panasonic's own specifications indicate plus or minus 15 kHz at -60 dB for "AM Wide" mode so that one might as well forget about that mode completely, when it comes to reception close to any passably strong station. The real trouble in this connection, though, is the so called "Narrow" mode, for I find the claimed plus or minus 1.7 kHz at -6 dB or even the plus or minus 6 kHz at -60 dB simply unbelievable in that my observations show a spread of 20 kHz or more with some power-house transmitters. For example, at this QTH, there is no way to eliminate QRM from WYFR's Florida transmitter on 15130 kHz when tuned to the Vatican on 15120 kHz. Even after installation of their "narrow" filter, Gilfer Associates, Inc., claim no more than to be able to reduce the -6 dB measurement to plus or minus 2.5 kHz" and indicate that the filter "narrows down the skirts to plus or minus 5 kHz."

What then about image rejection? Well, here are some data from which anybody may draw his/her own conclusions. While DXing soon after buying the set, I ran into a station - or so it seemed initially - on 21855 kHz with a reading of 6 or 7 on the S-meter that it didn't take long to identify as a Cuban, only that the announcer said it was on 17855 kHz. Switching over from the RF-4800's SW6 to its SW5 band and without any further adjustment, one lands from 21855 onto 17855 kHz and so as regards any number of images on the 13 m. band. Or how about some funny chit-chat on 31185 kHz? Well, that's an image of CB channel 19, operating on 27185 kHz. Worse yet, I have at various times found it impossible to listen to R.N.'s evening broadcasts, powerfully relayed on 9590 kHz via Bonaire, without encountering QRM from the DW, operating on totally different frequencies.

Is the RF-4800 then totally worthless? Not quite, for (1) I can hardly imagine a set with greater ease of operation so that one can check out a whole set of parallel frequencies practically within seconds and (2) I have also found the RF-4800 endowed with remarkable sensitivity so that on higher frequencies it can, in my estimation, be superior to a modified FRG-7 that I have on loan.

Now, just so that nobody jumps to the conclusion that may be only my set has the problems outlined and that Panasonic should be given an opportunity to respond, I have (1) checked my observations with a number of knowledgeable individuals who in principle fully concur in them and deem the set's image problems incurable without extensive redesign and (2) I have also written to Panasonic's USA headquarters at Secaucus, NJ. But while before my purchase, I promptly received two responses concerning specifications and related matters from the secretary of Mr. Hiro Kawabata, I have, after two months, received absolutely none in response to a letter setting forth some of the preceding.

In conclusion, I might still observe that the RF-4900 differs from its predecessor by having an "All Band Fluorescent Digital Display" whereas the RF-4800 LED readout covers only its SW bands from 2 - 8, i.e., 3 to 31 MHz. Though the two models may differ in some other minor aspects, I have not as yet discovered what they might be and Gilfer Associates indicates that "both receivers have basically the identical AM/SW integrated circuit IF with a 4-pole ceramic filter in the (so-called) "Narrow" mode".

SOUPING UP THE DX-160

by Steve Kennedy

The advent of the **Wadley-loop** as well as digital frequency readout caused a revolution in receiver design causing the popularity of the SWL/DXing hobby to take off like a rocket. Despite all these technical advances, there are many of us who must live with a budget receiver. . . simply because the above equipment is very, very expensive.

The Realistic DX-160 for its modest price of around \$180 new is still an excellent buy for the novice SWL/DXer. Often after about 1 year of using this basic SW rig, the user may decide that a more expensive set will enable him/her to hear that elusive DX in Nibi-Nibi. Granted, the DX-160 has some drawbacks, but for the money - it's hard to beat. . . with a few simple improvements.

The simple slide-rule dial of the DX-160 makes frequency determination quite difficult, if not impossible. The receiver manual has charts to enable the user to locate stations by using the 0-100 scale on the bandspread dial. With the addition of a crystal calibrator which will put out markers at 100, 50, 10, 5 kHz intervals, the finding of frequencies can be made a lot easier.

For about \$120, a frequency counter can be added to the receiver for a frequency readout of plus or minus 1 kHz. Be careful to purchase a counter designed to be used with the receiver. This type of counter has a frequency off-set to compensate for the difference of the receiver's local oscillator from the actual receiving frequency. If the BFO can be accurately set to the exact center of the IF passband, it is possible to measure frequency by zero-beating the station's carrier. Some counters will resolve the frequency to .1 kHz. That is better than the dial of a R-390!

Image and overloading problems from powerful stations can be best tackled with the addition of a RF preselector. The sharp selectivity of a preselector will improve image rejection nearly 20-25 db over the stock set's specs! This can be especially meaningful on the 12-30 MHz band. The image rejection on this band is probably around 12 db. . . this can be improved to 20-35 db with a preselector.

Overloading is cured with the preselector by using its gain and built in selectivity to tame the powerhouse stations making the weak one easier to hear.

The IF selectivity can be easily improved by installing a pair of transfilters in the emitter circuits of the IF amplifier transistors. A pair of transfilters can be purchased from Radio West for about \$10, and can be installed by anyone handy with a soldering iron and able to read a schematic diagram. The addition of transfilters are not a cure all for all selectivity problems, but it is a vast improvement over the unmodified stock selectivity in the DX-160.

The S-meter in the DX-160 has much to be desired. The meter will pin onto S-9 for nearly every signal which the set is tuned to. A simple cure is to connect a 5 K ohm pot in parallel to the S-meter. Locate the 5 K pot where it can be adjusted from the rear of the receiver. Carefully clip the S-meter leads, noting which wire goes to which terminal on the S-meter. Connect the white lead to one of the ends of the pot (one of the outside tabs on the pot), then run a white lead from the same terminal to the meter. The red lead connects to the other end of the pot (opposite outside tab) and is connected to the wiper (middle tab), which in turn is connected to the other terminal on the S-meter.

Many receivers being marketed today have coaxial cable input connectors. This can be easily added to DX-150/160 receivers by drilling a hole near the antenna terminals, and running a short wire from the center terminal of the coaxial terminal to the antenna terminal inside the receiver. Be sure to hook up the wire to antenna terminal 1. When using coax, place a shorting wire between terminal 2 and ground. If you wish to use a crystal calibrator, you can add a connector for it too. Instead of a direct wire connection, use a 5-10 pfd capacitor for the calibrator input.

If you expect to use the receiver on MW band with a loop antenna, the built in ferrite rod will distort the pattern of the external loop. Simply remove the loop, and wire the antenna switch so that it conforms to those used on the SW bands.

The DX-160 receiver does not have a jack for the connection of a tape or cassette recorder. While the bottom is off the set, go ahead and add an additional jack for your recorder. Run a shielded lead from the volume control. In most sets, the detector side of the volume control is usually connected to one side of the pot, and the audio amplifier is connected to the wiper inside the pot. The total resistance of the pot provides a constant resistance load to the detector. . .and recorder.

When all the modifications described herein have been performed, the user of a DX-160 may have invested about \$180-200 in equipment to improve a useful receiver. If the receiver was purchased new at \$180, this may mean that \$360-380 has been invested in receiving equipment, not including a preselector which may sell for \$80 more. All in all, over the long run, this may require an investment equal to that of a FRG-7. But the DX-160 with the counter will read frequencies to within .1 kHz. . .whereas a stock FRG-7 can read only to 10 kHz. This is 100 times better frequency resolution as compared to the FRG-7. The FRG-7 has a fixed BFO, and requires an additional BFO set to exactly 455 kHz to properly read frequencies. Selectivity-wise the FRG-7 is no better than a stock DX-160. . .the transfilter gives the DX-160 a slight edge. Manually tuning the FRG-7 and DX-160 puts the DX-160 out ahead because of the bandspread. The FRG-7 takes 100 kHz per turn, whereas the DX-160 will cover 40-60 kHz per tune of the bandspread knob. The extra controls on the DX-160 makes it a little more flexible than the FRG-7.

This article is not to discourage any future use of the FRG-7. However, since there are many DX-160 receivers in use, this writer feels that this simple set should not be cast aside in favor of the new breed of receivers. It is still a useful set, and when modified can do a creditable job for itself. By the way, I have had an opportunity to operate both receivers modified. . .and I prefer the Frog-7. However, if I could not afford to get the FRG-7, I would get the DX-160, and make the mods described herein as finances permit.

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NRD-505

by Nobuaki Takahashi

I have read several articles about the new generation of receivers, such as the DX-300, FRG-7000, the Panasonic RF-4800, and the ICF-6700. No doubt, these receivers are very popular and reliable. however, if you can afford the price, I recommend the NRD-505 receiver.

The NRD-505 was developed for amateurs by the Japanese Radio Company - one of Japan's leading manufacturers of radio equipment. The receiver features the latest in digital and transistor technology.

The NRD-505 has a frequency coverage of 100 kHz to 30 MHz. The receiver operates in all modes and has high stability. It also has a built-in memory component for up to 4 stations.

I purchased my receiver two years ago and the longer I have owned it, the better I have liked it. The following are the features of the NRD-505:

1. PLL DIGITAL SYNTHESIZER SYSTEM: This synthesizer is of the phase-lock type with a reference crystal oscillator and VFO assuring outstanding frequency stability. The synthesizer is housed in an aluminum diecast case and employs a drift-cancel circuit as well as a full-scale double-loop PLL circuit which ensures high quality circuit performance.
2. 4 CHANNEL MEMORY CIRCUIT: The memory circuit can store up to 4 frequencies and can be manipulated by means of 4 push button switches on the front panel. When the set's memory circuit is in operation, up to four frequencies can be recalled no matter where the frequency dial is set to. In addition, the memory frequency is digitally indicated.
3. UP-CONVERSION SUPERHETERODYNE: The NRD-505 is an up-conversion type double superheterodyne receiver which converts frequencies of 100 kHz to 30 MHz into the first IF of 70,455 MHz. It features a high performance PIN - diode attenuator, a push-pull RF amplifier consisting of low-noise, high power transistors, a FET balanced mixer,

and a crystal filter in the first IF stage. All this improves image rejection and co-channel interference.

4. **COMPLETE MODULAR CONSTRUCTION:** The set is of a complete modular design offering plug-in printed circuit boards for ease of servicing. The PC boards employ glass epoxy construction as well as completely automatic soldering. A unique connecting method is employed by the use of a mother board as well as flexible printing techniques.

SPECIFICATIONS:

Receiving frequency range	100 kHz to 30 MHz (30 bands in 1 MHz-increments)	
Receiving modes	AM (W), AM (N), LSB, USB, CW (W), CW (N), RTTY	
Receiving system	Double superheterodyne 1st IF 70.455 MHz 2nd IF 455 kHz	
Sensitivity (S/N 10 dB)	CW/SSB	AM
1.6-30 MHz	Less than 0.5 uV	Less than 2 uV
100-1600 kHz	Less than 10 uV	Less than 40 uV
Selectivity	-6 dB	-60 dB
AM (W)	4.4-7.0 kHz	10 kHz or less
RTTY/CW (W)/SSB/AM (N)	2.0-2.6 kHz	6 kHz or less
CW (N)	0.5-1.0 kHz	3 kHz or less
Frequency stability	Less than 100 kHz per hour after warm up	
Image rejection ratio	70 dB or more	
IF rejection ratio	70 dB or more	
Power requirements	AC 100/115/200/230V, 50/60HZ approx. 50 VA	
Semiconductors	66 ICs, 18 FETs, 54 Transistors, 103 Diodes	
Dimensions	340 (W) x 140 (H) x 300 (D) (mm)	
Weight	approx. 10 kg	

**LIST OF BROADCASTING STATIONS...
BELOW 5950 KHZ: A REVIEW**

by Michael S. Hardester

On returning to the United States, from Okinawa, my wife and I traveled around the country and one place we visited was the United Nations in New York. While there, I checked out the UN Bookstore, in the basement, which offers ITU publications. I had hoped to pick up a couple of current "Lists" for DX purposes, but was more than a little unhappy to note that the selection was poor and outdated. However, I was able to review some "Lists" which I had heard of, but had no idea of the material contained within. So, it was on this occasion that I had the opportunity to look through a, very, dated copy of the ITU publication entitled List of Broadcasting Stations Operating in the Bands Below 5950 kHz.

After looking through the book, I was convinced it had potential value and decided to purchase a copy from the ITU in Geneva. I waited until the Tenth Edition, February 1979, was available figuring it would have current information including the changes brought about by the November 1978 switch to a 9 kHz frequency allocation. . .was I ever wrong!

The book, printed in French, English and Spanish, clearly states "The present edition of this list is printed from information recorded in the Master International Frequency

Register at 1st February 1979." It went on to mention that a computer had been used in preparation of the material for publication, so I assumed the information would be very current. . .wrong again.

Before mentioning some of the errors (?) noted, the format should be mentioned. The main section of the book is divided into "countries" based on the ITU abbreviations for countries. Before the main section are 36 pages (12 per language) of instructions on how to use the list. After the main section are 24 pages of explanation from the "Remarks" column. Under each country are ten columns: supposed transmitter site (in alphabetical order); frequency in numerical order to each city; station call-sign (if any is known); geographic coordinates (degree/minute); the area of intended coverage (local, all over the country, etc); power output in kilowatts; antenna direction (most are listed as non-directional); sign-on/sign-off times of the stations based on GMT/UTC; the operating agency/company; and remarks.

If the information contained in the publication is taken as accurate, it would provide an excellent source by which transmitter sites of European longwave stations, broadcast band, and shortwave broadcast stations (below 5950 kHz) could be confirmed. Additionally, the dispute over transmitter site, by frequency, could be resolved. However, this would be true only if the information is considered as accurate.

The ITU states the information is from information on file, so it is either the error of the ITU computers or the broadcasting agencies involved which allowed, as examples - and not at all totally inclusive, the following errors to be printed: Fiji listed with shortwave stations active on 3230, 3284, 3935, 3980, 4756 and 4785 kHz; Gilbert Islands with a 2 KW transmitter on 4912.5 kHz operating at 0400 to 0700 GMT/UTC; or how about this - ZBW on 3940 kHz, with 2000 watts of non-directional power, from 2200 to 1500 hours GMT/UTC from, are you ready for this?, Hong Kong!!! The listings for Okinawa (Ryukyu Islands), Japan, are at least three years old. I could continue, but this is enough for now.

After reviewing the book it would appear to have very limited value for most DXers, and at US\$42.00 or so (plus approximately US\$10) it isn't something you add to your reference shelf simply because someone else has one! With the exception of listing all of the coordinates of the stations listed, the remaining information can be found, in a more up-to-date form, in the current World Radio-TV Handbook. If, for whatever reason, you decide you need a copy, it can be ordered direct from the ITU in Geneva. I would, however, suggest you write the ITU to check on the current availability/price plus the surcharge for airmail postage, if desired. And when sending payment (not to advertise), I have found the most widely accepted form of payment, and least expensive, when a personal check will not be accepted is an American Express Money Order.

RADIO IN BANGLADESH

by Adrian M. Peterson

Last year, during a week long itinerary in Bangladesh, I took the opportunity of viewing as many of the installations of Radio Bangladesh as possible. This visit, together with some additional information that has come to light, gives a clearer picture of the radio scene in this small country with such a large population.

DACCA: The major building, housing the studios and offices for Radio Bangladesh are in down town Dacca. All programs from the Dacca MW and SW stations originate here, as well as all programs intended for relay by the MW country network. At least 2 FM transmitters are located here, for use as a program link with nearby radio bases.

MIRPUR: The outer suburban installation of Radio Bangladesh is located at Mirpur, right close to the Bangladesh headquarters of the Seventh-day Adventist Church. This station came into operation in 1949, when a 7½ kW SW transmitter designated as APD2 was installed. There are probably 2 MW and 2 low powered SW transmitters at this location now. There are four old style multiple T antennas for use on tropical SW bands, and there is one vertical radiator suppressed on top in 3 directions for use on MW.

NAYARHAT: This large megawatt MW transmitter is located at Nayarhat, 25 miles from Dacca. This is the only transmitter at this location, and it employs a single vertical radiator. The feeder system is threefold in concentric circles, and the antenna radiator system seems to favour both the sky wave and the groundwave.

SHAVAR: A few miles from Nayarhat is Shavar, which contains another complex of SW and

MW transmitters. At this location, there is a 100 KW MW transmitter; and several SW transmitters of 100 kW and lower. The SW antenna system consists of 6 new multiple T antennas for use on tropical SW, and a 4 bay curtain antenna with reflectors. These curtain antennas are of varied sizes, giving coverage on all international SW bands.

MW STATIONS: In addition, I have seen two of the MW stations in Bangladesh, one at Faridpur and one at Goalbathan. The station at Faridpur is a normal country relay station emitting through a single vertical radiator. Programs are received by landline, and there is no FM link with Dacca. The station at Goalbathan is just beyond the Bangladesh Seventh-day Adventist College, and uses a single vertical radiator. This outlet is not included in any station listings, and could be perhaps a standby station to give emergency coverage to Dacca. Power output would probably be 10 kW.

In addition to the official broadcasting service operated by the various governments in what is now Bangladesh, there was also a small network of AFRTS stations during World War II. These were all low powered stations operating on MW channels in the 1300 kHz range. At the time, they were broadcasting from British India, but they were located in what is now Bangladesh. These 50 watt stations were on the air for approximately 2 years between 1944 and 1946, and they operated with licensed Indian callsigns in the sequence VU2.

VU2ZJ Tesgaon (Dacca) 50w 1305 kHz 1944 to 12-45
VU2ZK Lahmanirhat (Rangpur) 50w 1350 kHz 1944 to 10-45
VU2ZT Ramgarh (Chittagong) 50w 1330 kHz 12-44 to 1946

(Adrian M. Peterson produces and is host of the DX program "Radio Monitors International" which is broadcast over SLEB.)

TIDBITS

BOO BOO DEPARTMENT: The two TIDBIT items about the VOA last month are from Craig Mellinger. Sorry Craig for the omission. In addition, the article about shortwave published in POPULAR MECHANICS appeared in the November 1979 issue and not in the October 1979 issue. Sorry again.

BEC ADDENDUM: According to a November 19, 1979 BBC broadcast, the Thatcher government has decided to postpone all cuts of BBC foreign language broadcasts. Thus, all cuts mentioned last month will not be introduced in 1980.

THE HAZARDS OF PIRATING: According to the November 1979 issue of QST magazine, Michael J. Martin, W0DAYM, of Minneapolis MN, recently had his Novice Amateur license suspended by FCC Administrative Law Judge Joseph Stirmer because of his involvement with the pirate radio station The Voice of the Voyager. The VOV operated from December 1977 to August 1978 on 5850 and 11700 kHz and had a program format which consisted mostly of talk, music, and record requests. When the FCC finally located the station, they issued a warning letter and violation notice but the Judge found that willful and repeated violations continued. Thus, Judge Stirmer concluded that since Martin repeatedly violated Section 301 of the Communications Act of 1934 which forbids anyone from operating a radio station without a license, there are ample grounds for revoking his amateur station license and suspending his amateur operators license. (From Craig Mellinger.)

CFRX, TORONTO: CFRX began its first shortwave transmissions in 1938 with a homebrew 1 kw transmitter constructed by the technicians at CFRB. The transmitter is located in Clarkson, Canada. The Antenna system is made up of 2 vertical towers beamed north, 50 feet high. CFRX's transmissions are intended for Northern Canada. CFRX's normal reception area during a summer day is estimated to be close to a 1000 miles. But at night the reception area increases to 2000-3000 miles, but is limited by interference. The majority of CFRX's listeners and mail responses are from the USA but CFRX reports frequently receiving reports from Europe and occasionally from Africa and Asia. Reception reports should be sent to: CFRB Limited, 2 St. Clair Avenue West, Toronto, Ontario M4V 1L6, Canada. (Craig Mellinger and Kirk Trummel)

ARTICLES: I am actively soliciting articles from the membership. I am most interested in receiving reviews of new receivers on the market, i.e., Kenwood, Sony, etc. In addition, product reviews on antennas, preselectors, filters, etc., would be most welcome. Also, I would appreciate several articles on WARC '79. All I ask is that manuscripts be typed double spaced on 8 1/2" x 11" paper if possible. If not, please print your manuscript so as to make it easier to read. Thank you.

NEXT MONTH: I plan to publish in the February 1980 issue of T & T an article by world renown DXer Dr. Richard E. Wood. Don't miss it, for it is a very thought provoking piece. I hope you all had a very happy New Year. I remain,

73's, Arthur Heston

CONTRIBUTORS FOR JANUARY



Each name is preceded by a number, indicating how many SPEEDX columns you contributed to this month. An * preceding a number indicates credits given for the previous month. PLEASE NOTE: Credits other than SWBC/UTE/QSL/SKEDS are NOT listed here, they are recorded in the permanent file of the member and added to their total. Inquiries regarding credit totals should be sent to: Vera M. Crable, 5114 N.17th St. Coeur d'Alene, Idaho 83814 USA. PLEASE enclose a SASE for a SPEEDY SPEEDX reply, TNX. GUD DX and 73's..... *Vera*

*5 ALEXANDER, BRIAN	PA.....RF-4900	1	FRANZIS, PATRICK	CT.....DX-160
1 ARIDA, SHIGEKI	JAP..... ?	5	FRASER, ROBERT	MA.....XCR-30
*5 AUDETTE, DAVID	MA.....DX-300	1	FRENCH, ROBERT	MD.....NRD-505
1 BEAUREGARD, DENIS	QUE.....FRG-7	*6	GAEDE, ALLAN	CA.....R-390
*2 BEEMAN, WILLIAM	OH.....RF-2800	2	GAVARAS, TOM	MN.....HQ-180
*6 BERKHOLTZ, NICHOLAS	MN.....RF-2800	*4	GEORGE, CHARLES	TX.....SSR-1
*5 BLAIZE, 'SANDY'	LA.....EDY 830-7	2	GRANONE, PAUL	NM.....FRG-7
5 BLOM, GORDON	NY.....DX-160	2	GRENIER, PETE	CA.....FRG-7
4 BOEHM, JAMES JR.	TX.....R-4C	2	HAGEN, STEVEN	IL.....SSR-1
*1 BRATLIE, ALLEN	MN.....DX-160	1	HANSEN, CHRIS	NY.....SPR-4
*6 BREWER, PAUL	TN.....DX-40	2	HARRINGTON, ROB	CO.....DX-300
1 BROOKWELL, LARRY	CA.....DX-300	3	HASKETT, THOMAS	IN.....RF-2200
2 BROWN, CLIF	IL.....FRG-7	*5	HASSELKUS, CHRIS	OH.....RF-4900
*5 BROWN, NATHAN	OR...ICF-5900W	3	HAUSER, GLENN	TN.....FRG-7
1 BUHAGAIR, TONY	ONT.....SX-190	2	HAYES, GERALD	B.C..GRUNDIG-YB
*5 BYRON, LESLIE	NY.....PTL-9	*3	HENSLEY, BAXTER	TX.....FRG-7
*1 CALVER, STEVE	ENG...FRG-7000	1	HESCH, RUTH	MY...FR-6600JW
1 CARLSON, ROY	CA.....DX-300	6	HEYMAN, STEPHEN	NY.....DX-160
1 CEREGHIN, JOHN	MD.....AR-2	2	HILL, NORMAN	VA...ICF-5900W
1 CHABAK, MIKE	AZ.....HQ-180	1	HILLIKER, JIM	CA.....XCR-30
1 CHINSKY, MARK	NY.....RF-2800	*5	HODSDON, THOMAS	MN.....FRG-7
*6 COLEMAN, ROBERT	MA.....FRG-7	2	HOLBROOK, HANK	MD.....SP-600
1 COMPTON, KEN	MA.....DX-150A	*5	HOLLAND, DARRYL	NY.....FRG-7000
*1 CONNELL, CHARLES	CA.....CRF-320	1	HOOK, JERRY	FL.....DR-22
3 CONSTANTINIDES, C.	S.AFRICA...XCR-30	1	HOPKINS, JEFF	NY.....DX-160
1 CONWAY, PETER	MALAWI.....51J4	1	HOWARTH, CHESTER	WA.....SPR-4
*1 COOK, DAVID	CA.....FRG-7	1	HOWELL, JOE	CA.....FRG-7
*4 COOMLER, BOB	CA.....FRG-7	4	HRIVNAK, DONALD	IL.....FRG-7
2 COSSABOON, WALTER	NWT.....DX-160	1	IRELAND, JEROLD	TN.....FRG-7
1 CRAWFORD, DUKE	CA.....RF-2800	*1	JOHNSON, KEVIN	MN.....FRG-7
*4 CROSBY, CHRIS	NJ.....FRG-7	*2	JONES, DAVID	VA...5-151-1A
*4 CUCURA, VLADIMIR	PA...FRG-7000	2	JONES, JACK	MS.....DX-150A
*2 CUNNINGHAM, KEN	CA.....DX-160	1	KASPRZYK, EMIL	TX.....R-4C
*1 CUNNINGHAM, LARRY	OH.....DX-300	4	KAVALESKY, ED	OH.....SPR-4
3 CURNELL, MARK	OR.....RP-8880	4	KERN, STEVE	CA...ICF-6700W
*1 CURTIS, FREDDIE	TN.....RF-2800	2	KERRIGAN, PAT	IL.....FRG-7
*5 DAVENPORT, WILLIAM	TN.....DX-160	5	KNEARKERN, BILL	NY.....DX-300
4 DAVIS, CHARLES	GA.....DX-300	*7	KOWALSKI, PAUL	WI.....SX-190
1 DEVENDORF, J.C.	CA.....SPR-4	5	LATTEMANN, JACK	WA.....RF-2800
*1 DILK, JOHN	NJ.....DX-160	1	LAZARUS, HENRY	LA.....SX-190
*1 DOBBINS, CHARLES	MD.....DX-160	3	LEZMAN, JOSEPH	RI.....FRG-7
*7 DONLY, BOB	SC.....EDY-8302	4	LEVESQUE, DIANE	IL.....FRG-7
1 DRAESEKE, GORDON	CA.....DXR-1	5	LIPPMANN, KEVIN	FL.....SSR-1
2 DREW, JAMES	TX.....FRG-7	4	LOBDELL, CHRIS	MA...FRG-7000
*6 DUNN, DUNCAN	CA.....FRG-7	2	LOREN, STEFAN	CA.....FRG-7000
*5 DURAN, RICHARD	NJ.....DX-300	*4	LUCAS, RICHARD	CA.....DX-300
*4 DURNAVICH, CARL	IL.....RF-2800	*4	MAISE, CLARENCE	LA.....FRG-7
*5 EARHART, KEN	PA.....NRD-505	2	MAPPIN, RUSS	WA.....FRG-7
3 EVANS, JAMES	TN.....RF-2200	4	MARTIN, GENE	RI.....DX-160
*1 FACCIOLI, DAN	URUGUAY..ARC-28/70	1	MASON, ALEXANDER	ONT.....FRG-7
1 FALLOWS, JOHN	ONT...ICF-6700W	1	MATTHEW, RICK	B.C.....DXR-2
*6 FAMULARO, RALPH	NJ.....RF-2800	1	MAYER, JIM	CA.....FRG-7
1 FISCHER, MIKE	W.GERM...RF-2900	*1	McCOOL, KEVIN	MS.....DX-160
3 FISHER, JOHN	MA.....GPR-90	4	McGREW, GERALD	SPAIN...RF-2800
1 FITZGERALD, JOHN	RI.....R-300	*1	McKINNEY, LARRY	PA.....RF-2800
*6 FORBES, LEWIS	TX.....FRG-7	*5	McLEAN, SCOTT	NY.....SW-717
*1 FORRESTER, BOB	OKI.....FRG-7	*7	MELLINGER, CRAIG	NJ.....FRG-7
2 FORSMAN, STAN	CA.....R-392	1	MESSINEO, CHRIS	MA..... ?
1 FOURNIER, EDWARD	VA.....FRG-7000	*6	MILLER, BILL	CA.....DX-160

4	MOMAN, DON	ALB.....FRG-7	1	SERSHON, ED	IL.....DX-160
4	MOORE, DON	PA.....XCR-30	*1	SHOCKLEY, MIKE	NV.....FRG-7
*1	OAKLEY, DAVID	CA.....FRG-7	*3	SHRIDHARANI, V.	NY.....FRG-7
*3	MOSS, MARC	CA.....SW-717	1	SLOVINSKI, GEORGE	CA.....?
6	MUNSTER, RALF	GA.....FRG-7	*6	SMITH, THOMAS	FL.....XCR-30
1	NIDA, JON	MN.....RF-2800	4	SMITH, TRAVER	CA.....NRD-505
2	NOLDEN, PHILLIP	CT.....SPR-4	*1	SOMERS, JACK	CA.....FRG-7
1	NOVELLO, JAY	NY.....RF-2800	1	STEIN, RICHARD	NJ.....FRG-7000
1	OAKLEY, MARJORIE	OR.....FRG-7	1	STOCK, LEONARD	CO.....FRG-7000
6	OEXNER, MICHAEL	W.GERM...SAT-3400	*1	STONE, GARY	NC.....DX-300
2	OSSEGE, TED	OH.....DX-160	*6	STONE, WILFRED	ONT.....FRG-7000
1	OSTERMAN, FRED	OH.....HQ-129X	*1	STREIKER, SCOTT	WA.....FRG-7
2	OWSLEY, BENTON	CA.....DX-300	1	TANNENWALD, LEON	NY.....SPR-4
1	PETERS, MICHEAL	MAN.....R-4B	*7	THOMPSON, GLENN	NM.....FRG-7
*6	PETTTIT, LANI	IA.....RF-2800	*6	THOMPSON, PEGGY	CA.....FRG-7
5	POKATILOFF, RON	IL.....SSR-1	1	TIMMER, DAVID	IN.....RF-2200
2	PRATH, JOHN	FL.....FRG-7000	*7	TRUMMEL, KIRK	IL.....S-38E
*3	PROOM, STEPHEN	ENG....SAT-3000	*1	UERLINGS, JAMES	OR.....SPR-4
3	RADCLIFF, BEN	IL.....SB-310	3	VALENTINE, FRED	CA.....RF-4800
*6	RAY, RICHARD	PA.....DX-160	2	VISCUSI, GREGORY	CT.....?
*1	REESE, ORLA	KS.....QR-666	*7	VRANES, ALEX	PA.....FRG-7
2	RICHARDSON, KEN	AZ.....HQ-129X	1	WAGNER, LAWRENCE	PA.....FRG-7
*1	ROSEWARNE, ALLAN	CA.....FRG-7	2	WALCUTT, DAVID	TX.....HQ-160
3	RUCKMAN, ROBERT	OH.....FRG-7	*2	WALLACE, ROBERT	HI.....CF-9505
*3	RUDOLPH, WILLIAM	AL.....DX-300	1	WALTERS, JOHN	NJ.....R-1530
1	RUSSELL, GARY	IL.....SSR-1	5	WILLIS, FRED	PA.....SPR-4
5	RZEPKA, ROBERT	WI.....RF-2200	*4	WITTE, MARJORIE	CA.....FRG-7
*2	SANDERSON, JOHN	AZ.....DX-160	2	WOLTMAN, FRANK	WI.....FRG-7
1	SAUNDERS, PAUL	FL.....DX-160	*3	WORREL, RICK	ND.....DX-160
*5	SCHROEDER, ART	WI.....DX-160	*7	YAJKO, ROBERT	PA.....SPR-4
1	SCHWEIKART, DAVID	VA.....FRG-7	1	ZANINI, JOHN	CO.....DX-300
*1	SCOTT, THOMAS	OK.....ICF-6700W	*5	ZILMER, BOB	WI.....R-390A
*6	SEMESKY, THOMAS	IN.....FRG-7	2	ZIMAROWSKI, MARK	MA.....SX-190

SANTA has held up the SKEDS list.....will add those credits next month

Many thanks to 184 active reporters this month, nice going!

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SPEEDX welcomes 13 members who are reporting for the first time, listed below.

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GORDON DRAESKECA	DON MOMANALB, CAN	DAVID TIMMERIN
JAMES EVANSTN	ROBERT RUCKMANOH	GREGORY VISCUSICT
HARRY HELMESTX				

ITEMS FOR SALE/TRADE/WANTED

PREPARED BY OLIVER ELLSWORTH

FOR SALE: Hallicrafter SX-110, re-tubed & aligned. Bandsread dial re-cal. for shortwave BC present & proposed bands. Has crystal phasing similar to exciting synchro-phase of new Drake R-7. Exc cond. \$150 ppd. Dymek w/2.2 Collins filter in both LSB/USB & jack for digital readout on the "Clarifier" Still under factory warranty. \$800. Contact: Larry Brockwell, 1826 Cypress St., San Diego, CA 92154 for both items, 714-429-9728

FOR SALE: FRG-7 Modified w/4 kHz filter for broad & 2.9 kHz mech filter for sharp. Built in digital readout. \$450. Contact: Ralph Sanserino, 8422 Crane Circle, Huntington Beach, CA 92646.

WANTED: Junque. I need parts for my receiver acquisitions, and would be interested in obtaining receivers that have breathed their last. I especially need parts for XCR-30. I would appreciate the remains all DX-300's that you have not been able to dispose of and any other carcasses will be considered. I will pay shipping. Contact: Diane S. Levesque, P.O. Box 2573 Carbondale, IL 62901.

FOR SALE: Mizuho SX-59 Preamp/preselector, modified by Gilfer. Hardly used. Will ship in original carton w/all cables & assessories. \$65 ppd.

WANTED: Radio West Loop Ant. w/tropical coverage. Contact: Herb Shatz 80-35 Springfield Blvd Apt 2M, Jamaica, NY 11427 re both items. 212-464-8561.

FOR SALE: Collins R-390A. \$375.00, Contact: Greg Poole, 1730 Belcher Circle Austell, GA 30001. 205-871-2791.

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX
BOARD OF DIRECTORS... John Trautschold; Bob Bodell;
 Sandy Blatze; Chris Hansen; Vera Crable

MANAGING EDITOR..... Oliver Ellsworth
PUBLISHER..... John Trautschold
BUSINESS MANAGER/TREASURER..... Don Johnson
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COVER DESIGN FOR JANUARY: ALAN BROOKS

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