

SPEED^{dx}

*the dx radio magazine
for active shortwave listeners*

IN MEMORIAM...

**O L I V E R
E L L S W O R T H**

MANAGING EDITOR

September 1980

vol. x no. ix

HELP WANTED. HELP! HELP! HELP!

We need a volunteer to replace Jim Mayer. Jim is going off to college this fall and must give up the A/O section. A replacement is needed ASAP! Jim will do the October issue and perhaps, if able, the November copy, if a replacement is not found by then.

General qualifications for an editorship are: Experience in the hobby. An ability to edit a column. A quality typewriter. A capable typist. A willingness to make a commitment on a long term basis to produce a regular column each month, meeting all deadlines. Must be mature and responsible, with a permanent address for the foreseeable future.

If interested, type up a letter with your qualifications on the machine you would use, and send it directly to club HQS. You do not need to be 'expert' in the area, just knowledgeable and willing to learn.

We are also interested in 'back-up' editors, to fill in when and if needed. This when an editor wishes a vacation or, for some other reason, is not able to do their column.

QSLs WANTED

Jose Barr (1500 Bunbury Drive, Whittier, CA 90601) is setting up a shortwave display in a library. He would like to borrow (they will be returned!) 2 or 3 of your "average" QSL cards to show. Nothing 'exotic' or 'common' please. Just the countries that are fairly well heard and known by the "un-SWers". Jose will be stressing the hobby in general and info will be provided about the various hobby clubs, with ANARC stressed as the place to go for more information. 'SPEEDX certainly commends Jose for his initiative in promoting the SW hobby. How about more of you folks trying something like this? And, please, lend Jose a hand with his project!

MASSACHUSETTS HOBBY MEET

The next BAD-GUYS meet will be held on September 14, 1980 at: 31 Beaverbrook Road, Burlington, MA 01803. Ex SPEEDX editor Peter Schipelliti will be the host. All hobbyists are welcome! For more info give Peter a call at: (617) 272-3142. Or give our SKED editor a yell at: (617) 321-6698. Chris should be over his honeymoon by now so.....

NEW SW SET FROM YAESU

Active SPEEDXER Jack Somers informs us of another SW receiver from Yaesu to be released soon. FRG-7700 appears to be an improved version of the popular FRG-7000. Variable selectivity and more. Watch for more info on this set. We will bring it to you as soon as we can.

QTH AFRICA

Miki Voelar (Box 28250, Pretoria 0132, South Africa) publishes a newsletter 2 to 4 times a month on the African radio scene. This one page flash sheet is available for \$6.00 airmail anywhere in the world. A sample copy is 2 IRCs. Miki also offers a complete list of external & internal services in English of African stations for 2 IRCs.

THE WORLD IN MY EARS

By Arthur Cushing (212 Earn Street, Invercargill, New Zealand) still has some copies of his 240 page book available for \$15.95. This autobiography covers the blind DXers 45 year career of radio listening and many years of radio broadcasting. Besides the ups & downs of his long career in radio, Arthur's book also includes many useful tips on SWling. If you don't believe that Arthur is an expert, look at these figures: Over 2,300 verified medium-wave stations. Over 4,500 shortwave stations QSLed. A world record for sure. An interesting book.

THE "TOP SECRET" REGISTRY OF US GOVERNMENT RADIO FREQUENCIES

CRB Research, P. O. Box 56, Commack, NY 11725 publishes this unique scanner data book. Written by Tom Kneitel, it covers 25 - 470 MHz with over 15,000 listings. This is the new, expanded third edition, covers info on station sites, frequency names & numbers, and more. A must for you scanner buffs out there in listener land. \$5.95 pp in the USA & Canada. Add \$1 for foreign.

A TIP OF THE SPEEDX HAT TO VERA CRABLE

Thanks to Vera Crable for compiling the contributors pages for nearly 1 1/2 years! Vera will continue her position as Membership Chairman.

LIST OF RADIOTELETYPE STATIONS

If your bag is RTTY, you might be interested in the second edition of this list produced by Pierre Gagnon(678 Bastien, St-Jerome, Quebec, Canada J7Y 2X8) 10 pages, offset printed on 8½" x 11" paper. Lists many RTTY stations between 2817 and 28095 kHz that use RTTY. We are not sure of the cost but, if you send Pierre a buck, you will no doubt get a copy of this useful aid.

RADIO FRANCE INTERNATIONAL LISTENERS CLUB OF NORTH AMERICA

President Matthew Brown(3310 Picardy Court, Mequon, WI 53092) informs us that this specialized club is still active and going. Matthew would like to hear from you folks interested in RFI programming. Write to above address for more info.

POSTAGE GOING UP? OF COURSE!

With the proposed domestic USA postage increase of 33% next year, did you think the foreign rates would stay the same? No way! Active SPEEDXer Mike Hardester informs us that the decision of how much to increase airmail overseas has not been made yet. But, the feeling is that it could be the same 33%. That would mean 41¢ for a ½ oz letter. or maybe, 56¢ for an IRC! How about them apples? While we all know a postage increase will come to pass, it might be a good idea to write to your Congressmen, Reps, etc asking to hold the rate increase as low as possible. It can't hurt and it might help!.....thanks Mike.

1981 ANARC CONVENTION

Two sites have bid on the 1981 ANARC Convention. The two sites are; St Louis, MO and Thunder Bay Canada. ANARC reps from all member clubs will vote on the site soon. We will keep you informed.

ANARC 1980

SPEEDX wishes to offer official congratulation to the people who won the awards at the 1980 ANARC Convention in Irvine, California in July.

North American Man of the Year - Larry Magne
International Man of the Year - Arthur Cushing
Broadcaster of the Year - Bob Zanotti of Swiss Radio
North American HAP Man of the Year - Sam Barto
International HAP Man of the Year - Johnathan Marks

Well done folks! Each of you well deserved this token of appreciation.

ENGLISH LANGUAGE SHORTWAVE SCHEDULE

The summer edition of this 17 page EE language schedules is available from Dan Ferguson(P.O. Box 8452, South Charleston, WV 25303)for just two bucks. Computerized, it is in two forms. One by country and the other by time. A very handy aid indeed!

WDX CALL NUMBERS

The WDX numbers that many use are available from Hank Bennett(P. O. Box 3333, Cherry Hill, NJ 08034). This is a central registration center for SWLs. Send a SASE to Hank for complete details. And, be patient. Hank is not the fastest person in the world to reply.

SPEEDX UTILITY GUIDE-1980

Compton/Butterfield/Hickman, the crew working on the new edition of the SUG, promise to have it out soon. Most material is now in final typing to make it camera ready for printing. Only a few loose ends need to be completed. Watch for an announcement in the next month or two. This edition is the best we have produced todate!

USSR NEWSLETTER

We mention the USSR HIGH FREQUENCY NEWSLETTER often because it is the best source for current info on times, frequencies, sites, QSLs received, etc from the USSR. If you are into DXing the USSR, this is a must for you! Write to: Roger Legge, P. O. Box 232, McLean, VA 22101. Cost is just \$3.00 for ten issues. A bargain!

RENEWALS AND CHANGES OF ADDRESSES

Please get your renewals and/or changes of QTH into HQS before the 15th of the month preceding the issue affected. This way you will avoid a several week delay in receiving your bulletin. Thanks. We want you to get your SPEEDX bulletin on time and your cooperation will help us do this. Don't wait until the last minute.

ANARC '80

NEWS, VIEWS, OBSERVATIONS, AND REDACTION

by Arthur S. Getzel

Upon arriving in Movieland, USA - commonly known as Los Angeles, the excitement of the moment made it difficult for me to breathe. Little did I realize that it was the smog. Catching my breath, I hopped into a rented Ford Fairmont an hour later. Off I went to lovely Irvine - some 40 miles south of Los Angeles. The billboards, factories, oil tanks, and power lines bordering either side of the San Diego Freeway was a sight to behold.

It was July 16th - two days before the start of the ANARC Convention. I would use this spare time for some sightseeing and to settle myself comfortably into the luxurious accommodations to be had at the University of California in Irvine. My room was unbelievable. It had air conditioning - a window - as well as two luxurious army bunk beds. It was well lit by one 10 watt bulb hanging from the ceiling. In addition, the communal bathroom which 12 of us had to share was truly spectacular. Maid service? Top rate! After all, if I do say so myself, I make a terrific bed. The next day, Stewart Mackenzie asked me how I liked the accommodations. I answered, "There is no way I can describe what I am feeling at the moment!!!"

Later that day, I met Ian McFarland, Jeff White, and Lena Cocquyt of the BRT. A lovely woman whose claim to fame is the fact that she is Dave Monson's boss. All four of us had supper before we took a short 40 mile drive back to Los Angeles Airport to pick up Alfonso Montealegre of Radio Nederland's Spanish DX program. We had two surprises at the airport. One, the airplane was over two hours late; and two, Dave Monson and his girlfriend Marianna were also on the flight. All I can say is luckily we took my Fairmont rather than Jeff's Toyota. However, it was a tight squeeze in which Dave and Alfonso functioned as two human rear-view mirrors. Imagine, I had so many international broadcasters in my car that I felt I was listening to a shortwave receiver. By the way, we returned to Irvine after 11 o'clock and unfortunately the accommodation office was closed. Thus, Dave, Alfonso and Marianna did not have a very comfortable night. Oh yes, Ian did complain the next morning of a slightly broken shoulder. I don't know why! Alfonso's suitcase only weighed several hundred pounds!

July 17th was a day to remember. In the morning, Dave, Alfonso and Marianna finally got rooms in a dormitory called Brisa. As for the rest of us, we were given a surprise by the accommodation office. We also had to move to Brisa. See, the college decided to give us different rooms for the convention. How logical! But I must admit Brisa was a step upwards from my previous accommodation. Here I got a 50 watt bulb and a wall outlet!

After exchanging rooms, Alfonso, Dave, Lena, Marianna and myself went to Disneyland. Dave Monson spent the day looking for Mickey Mouse in Fantasyland. Instead he ran into George Wood of Radio Sweden.

Returning from Disneyland to Brisa, we found ourselves in the middle of a beerfest put on by the Convention Committee. By the way, Brisa was ANARC's celebrity dormitory. Only top DXers like myself were allowed to reside here. (Such modesty!) I hate to name drop but I will anyway. In Brisa resided Clayton Howard, Bob Zanotti, George Wood, Jim Young, Dave Browne, Dave Monson, Jeff White, Lena Cocquyt, Alfonso Montealegre, Stewart Mackenzie, Glenn Hauser, as well as several others not worth mentioning.

July 18th was the official start of the convention. I was honored when Mike Maghakian placed me on the Convention Committee. My job - Head Table Mover. Don Erickson, ANARC's official photographer, came around with the namé tags. Don got upset later that day when he misplaced his 100 rolls of 35 mm film. But the highlight of the morning was when someone stole Glenn Hauser's name tag and started to impersonate him.

From 10:30 AM to about 1:30 PM everyone checked in at the Exhibition Hall. There were in the Hall displays by Radio West, McKay Dymek, Sony, various shortwave stations, ANARC, as well as various shortwave clubs. Some SPEEDXer walked out with 100 sample copies of FRENEX. Glenn Hauser's impersonator kept dropping Glenn's name tag so Lani Pettit, the ASWLC's Central Distribution Editor asked him to stop being a "name dropper." Eventually, the real Glenn Hauser did arrive, carrying a sign which said, "Spare RIB's \$1. Please. Pay Glenn Hauser."

At 1:30 within UCI's Concert Hall, Dave Browne called the ANARC Convention to order. Dave first called the roll call of clubs. 16 SPEEDXers were present. Though we were penalized when several SPEEDXers raised both hands for the head count. Then Dave read various letters of congratulations from ANARC's friends and enemies (i.e., the ARRL). Next, Jeff White of ANARC's Public Relations Committee greeted us with a commercial.

After Jeff plugged the sale of various ANARC items, Program Chairman Jim Young took center stage. He introduced Pete Grenier who honored us with a slide presentation of previous ANARC conventions, R. Australia, and his visit to CBC, Vancouver. However, the presentation got off to a peculiar start. First Pete wanted to see Jim Young ALONE in the back! Then he refused to turn off the lights so he could read his script. Someone was ingenious enough to recommend a flashlight. The highlight of the presentation was the fact that all slides of R. Australia were upside down. Yes Pete, I know R. Australia is down under.

Things turned around again when Glenn Hauser presented his RIB awards. Then the various delegates from overseas were introduced: Andy Sennitt - Assistant Editor of the WRTVH, Dave Kenny of the British DX Club, Chris Greenway also of the BDXC, Brian Marsh of New Zealand, Barry Williams also of New Zealand, and Michael Murry of the EDXC.

At 4:30, Jeff White introduced the international broadcasters who were in attendance. Each had to make a little speech. Tony King of RNZ announced that his station would start broadcasts in Special Maori. Alfonso Monteleagre had to specify that he was not Frits Greveling. Ian McFarland did not announce the demise of DX Digest. Lena Cocquyt announced her plans not to fire Dave Monson. Dave Monson made a 10 minute speech using one sentence. Bob Zanotti told of SRI's plan to sail a relay transmitter off the coast of NA and Clayton Howard said nothing.

At this point we broke up to have dinner. I dined with Glenn Hauser and Lani Pettit. Lani spent the meal showing Glenn how she can balance a spoon on her nose.

At 7:00 PM it was door prize time. And what a choice of prizes this year. Top prize was a record of Vladimir Pozner's best commentaries. As for myself, lady luck finally struck after 3 conventions. I won a Lenin pocket watch from the GDR.

After the door prizes were given out, it was time for the question and answer forum by the international broadcasters. For two hours Zanotti, Wood, McFarland, Monson, Cocquyt, Howard, King, and Monteleagre answered some of the strangest questions ever put to another human being. During this period, Lani Pettit formed a Dave Monson Fan Club with a constitution written in Monsonese - English written as one run-on sentence. I took a short catnap to ready myself for the beerbash to be held after closedown. Oh yes, one question did revitalize Dave Monson but he spent most of the time taking apart his microphone and falling asleep. By the way, later we found out it was Ian McFarland's birthday. He is 43 years old. Someone congratulated him by saying, "Ian, you don't look a day over 42!"

July 19th was a day that will live in. . . I won't say it! To start, Dave Brown made a short one hour speech. Afterwards was something new - an International DXers Forum. Here representatives of various foreign DX bodies fielded questions. Later, Larry McKinny reported on the EDXC. And to top off the morning, Glenn Hauser honored us with a slide show of his world travels. Then lunch broke out.

After lunch, George McKay showed a film on New Zealand and Ian McFarland talked about Radio Canada. Some more door prizes were given out. Then came the biggy - Women and DXing. Here Lani Pettit, Frances Appert and Agnes Herbold fielded questions from us male chauvinist pigs. To conclude the afternoon, Grant Manning fielded questions on everything.

Evening arrived along with ANARC's famed banquet. Clayton Howard gave the invocation as well as a tip for real living. Don Erickson took 34,372 photos. I learned from Lani Pettit that Iowa really does exist. And the raw meat was excellent.

After 150 ANARC delegates conspicuously consumed the edibles, Jim Young at the dais introduced the Convention Committee. All stood up, bowed and refused to sit down. Then it was award time. Ian McFarland gave to Bob Zanotti the Broadcaster of the Year Award. Mike Hardester gave the International DXer of the Year Award to Arthur Cushen. The North American DXer of the Year Award went to Larry Magne.

Some more door prizes were given out and Lani Pettit received a personal QSL card from Dave Monson - her love. Then it was time for the guest speaker - Andy Sennitt of the WRTVH. I woke up an hour later at the end of a very exciting speech on everything you always didn't want to know about the publishing of the WRTVH and would never ask. Andy fielded questions. One DXer asked, "When will I receive my 1978 WRTVH?" The audience clapped wildly when Andy finally sat down.

After our interlude with Andy, Jeff White presented the HAP North American DXer of the Year Award to Sam Barto of FRENDX and the HAP International DXer of the Year Award to Jonathan Marks of England. And the evening concluded with the HAP auction which lasted until the wee hours of Sunday morning. \$1500 to \$2000 were made for HAP at the auction.

Sunday was sadly the last day of this unbelievable convention. First, Dave Browne conducted ANARC's business meeting which was interrupted by Don Erickson selling magazines. Later George Wood and Alfonso Monteleagre conducted a forum on DXing in the Third World. After the forum, Ian McFarland decided to finish up the HAP auction. This lasted to closedown. At this point I said my good-byes to friends old and new. But not before I made sure Alfonso interviewed me for Radio Nederland. Well, on to Thunder Bay!!!

PROGRAM

SEPTEMBER 1980

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

PANORAMA

FAREWELL TO OLLIE...The death of SPEEDX Managing Editor Oliver Ellsworth is announced in this month's "Keynotes". Ollie not only was my "boss" on the SPEEDX staff for the past 2½ years, he was also my friend for the past 8 years. Conversations with him at the 1972 ANARC Convention in Boston played a major role in my joining the club that year. Ollie was always someone you could count on for advice, and he would give it with no holds barred. He worked hard to make the SPEEDX bulletin a quality radio publication. SPEEDX will continue to function without Ollie, but it won't be quite the same.

CANADA...For several years, RCI has been relaying THE WORLD AT SIX and AS IT HAPPENS to North America from 6-8 p.m. Eastern time Mon-Fri. Many SWLers have wondered why a relay of domestic programming was not scheduled for Saturdays and Sundays in this time period. This fall, fans of CBC domestic programming will get their wish when THE BEST OF CBC arrives on the scene. What specific programs will be broadcast has not been announced yet, but it is likely that the DX DIGEST will be moved to 7:30 p.m. Eastern time on Sunday nights. Tune in to see what develops. Frequencies should be the same as on the Mon-Fri broadcasts--most likely 5960 will be used. We don't have any information as to whether or not these changes will apply to the European relay time period. (Direct)

CONTESTS...Program Panorama doesn't usually publicize station contests, but announcements of two contests sent by members are worthy of note. John Fisher of Chelmsford, MA sends information on a contest on "What Do You Know About Vietnam?" sponsored by the Voice of Vietnam. Peggy Thompson of CA sends a brochure on Radio Havana's 20th Anniversary Contest. The latter contest has five 1st prizes of a week in Cuba. It doesn't mention a trip prize in Radio Hanoi's contest--perhaps they feel that there aren't many Americans that would want to go to Vietnam! What do these contests have to do with shortwave programming? Simple--you have to listen to these stations to be able to answer the questions, and that's why I won't enter either one of these contests. Seriously, if you want information on either contest, write the station directly or send me an SASE. (Woody Seymour, Jr.)

ECUADOR...HCJB has a weekly program of contemporary gospel music. SOUNDS OF JOY can be heard to North America on Sat 0230 GMT on 15155, 11910 and 9745 or Thu at 0500 GMT on 11910, 9745, 6095. For the South Pacific, tune in at 1000 GMT Sat on 11910, 9745 and 6130. It is scheduled for Europe at 2130 GMT on Tue on 21480, 17825 and 15300. Tune in for some good music. (Rex Whetzel, IN)

GREAT BRITAIN...Here are some highlights from BBC World Service for September...LONDON IN LITERATURE will look at some selections of prose and poetry about London, covering 500 years. Tune in Sat @ 0815 & 1315, Mon 0545, Tues 2315...THIRTY MINUTE THEATER presents "Double Bill", where each week you can hear a pair of 15-minute plays on Mon @ 1215, Tue @ 2330 and Thu @ 1715 GMT...DON'T MOCK THE INVENTOR is a sensitive look at what it's like to be an inventor--Mon @ 0315, Wed @ 0530, 0945 and 1630 GMT...ROCK PROFILE looks at The Boomtown Rats, Blondie, Thin Lizzy and Eric Clapton this month--Tue @ 0030 & 2030, Wed @ 1330...ASSIGNMENT is a program where the World Service reports in depth on important events and issues around the world. Tune in Wed @ 2030, Thu @ 0230, 1615 or Fri @ 1130 GMT...A TASTE OF HUNNI, IRISH STYLE returns for another series of programs on Sat @ 0630, Mon @ 1430, Tue @ 0830 and Fri @ 1830 GMT...YEARBOOK turns back the pages to recall the events and popular music of one year in the past half-century each week on Sat @ 0430 and Thu @ 0100 & 0730 GMT. (Thanks to Duke Crawford of CA and BBC London Calling, 9/1980)

HAITI...Radio 4VEH can be morning hours here with a gious programming. One is a request show called **WAY**. The local flavor of appealing. You can hear 1230 GMT on 9770 and 11835 kHz. (Woody Seymour, Jr.)

Radio 4VEH



BOX 1
CAP HAITIEN
HAITI
WEST INDIES

heard during the variety of reli- interesting program **MUSIC ALONG THE** the program is it weekdays at

HOLLAND...Frits Greveling hosted his last DX JUKEBOX on July 31. The well-known broadcaster left Radio Nederland to return to his native South Africa, where he is expected to join a commercial station in the near future. The new host of DX JUKEBOX is no stranger to SWLers. Jonathan Marks is well-known for his work with Austrian Radio, HAP and the European DX Council. On his first program as host August 14, Marks announced that DX JUKEBOX would keep many of its features, including the DX news and Wim Van Amstel's technical answers, but new features would be added. One interesting feature on the August 14 program was a report on Radio Afghanistan, including a recent recording of the station. It appears that DXJB is in good hands. (WS)

SOUTH AFRICA...Here's more of Radio RSA's English schedule, as promised last month: 1100-1156 GMT Daily NEWS, then Mon-Fri SOUTH AFRICAN PANORAMA, Sat SOUTH AFRICAN HIT PARADE, Sun LOOKING INTO AFRICA; other feature programs include Mon BUSINESS FRONT, UNDER THE SOUTHERN CROSS; Tue DX CORNER, FOCUS ON PROGRESS, INTERACTION, TALKING POINT; Wed THIS IS SOUTH AFRICA, SCIENCE WORLD; Thu SPECTRUM, THEY MAKE MUSIC, ON THE LAND; Fri SPOTLIGHT, TALKING SPORT; Sun P.O. BOX 4559, THE MESSAGE, THE WORLD AROUND US.....1300 GMT Daily NEWS IN BRIEF, then Mon YOURS AND MINE, LOOKING INTO AFRICA, P.O. BOX 4559; Tue DID YOU KNOW?, YOURS AND MINE, BUSINESS FRONT, ON THE LAND; Wed YOURS AND MINE, SPOTLIGHT; Thu DX CORNER, YOURS AND MINE, FOCUS ON PROGRESS, SCIENCE WORLD; Fri COMMENT AND OPINION, YOURS AND MINE, SPECIAL REPORT, P.O. BOX 4559; Sat SPORTS ROUNDUP; Sun LOOKING INTO AFRICA, TALKING POINT, THEY MAKE MUSIC, UNDER THE SOUTHERN CROSS, CONVERSATION CORNER.....1400 GMT Daily NEWS IN BRIEF, Mon-Fri AFRICA TODAY(including Economic News @ 1745); Sat SPORTS ROUNDUP; Sun THE MESSAGE, SPECTRUM, O COME LET US SING.....1500 GMT Daily NEWS, then Mon-Fri COMMENT, AFRICA TODAY, Sat SPORTS ROUNDUP, Sun MUSIC IN THE SUN, THIS IS SOUTH AFRICA; 1546 GMT Daily NEWS IN BRIEF; 1550 GMT Daily CLOSE DOWN. Frequencies for these transmissions are 15220, 21535 and 25790. (Paul Brewer, TN)

USA...Next month I hope to have a report on my recent visit to the Voice of America studios in Washington, D.C. (Woody Seymour, Jr.)... Family Radio has a MAILBAG program scheduled at the following times on Sundays: 0005-0035 on 17845 and 0305-0335 on 9715. Programming in English can be heard from 0000-0600 GMT nightly. With expanded transmitter facilities in Florida, Family Radio can be expected to offer more English programming in the future. (Dan Wolan, OH)

ZIMBABWE...The Rhodesia Broadcasting Corporation has become the ZBC with the coming of independence, and the following was heard at 0400 GMT recently: "The ZBC today becomes the voice of the working people of this country with the introduction of Radio One and Radio Two. A new series of people oriented programs will begin today on both services, which are designed to reflect the interests of all the people, rather than cliques, groups, races, tribes, regions or sectors..."(FBIS via Dan Robinson VOA in Review of International Broadcasting #42) It seems that Radio One is the former General Service in English, while Radio Two is the former African Service in English and vernaculars. There have been many reports that the programming has become anti-West and anti-white in tone, despite the public spirit of reconciliation of Prime Minister Mugabe. It remains to be seen what direction both the country and the ZBC take in the coming months. (WS)



RHODESIA

BROADCASTING CORPORATION

NEXT MONTH we hope to have some new schedules of programs from the broadcasters...but you, the membership, need to send them in! Until then, 8/19



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	?	SSB
AGC		LSB
GAIN		FADE
TUNER		NOISE
IMAGE		Smeter

Send Technical Questions & Technical Material To:

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

(((((M E M O R I A M))))))))

((In case you havenot heard, we have lost our Managing Editor,))
 (("OLLIE" ELLSWORTH))
 ((He has been sick for some time. I know you will join with me in))
 ((expressing sympathy to his family. R.I.P. Ollie.))

(((((*))))))))

BLIND DXers may have a frequency "talkout" before too long. I understand that Radio West is working on a variation of a "talking computer" that has been introduced some time ago. More information as rumor becomes fact.

 WEATHER broadcasts from various government and private coast stations are listed in a Government Printing Office publication: "Worldwide Weather Broadcasts", by NOAA/NWS/USN. Supt. of Documents stock nr. 003-018-00095-4. Cost varies. (About \$2.50) You maybe able to scrounge one from your local weather bureau. Lists SSB/CW/FAX frequencies and times of broadcasts, etc. Very interesting during the coastal hurricane season to keep track of storms, fronts etc. (This is really a UTILITY item. Yes, I'm a UTE DXer)

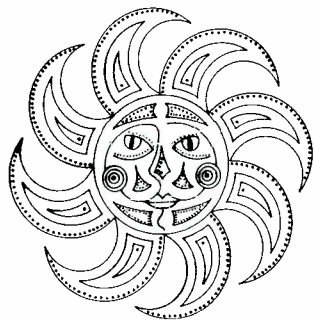
 San Diego DXers Club (Larry Brookwell) has a nice review of the new JRC-515 receiver compared to the Drake R-7. Larry says it is much easier to operate than the Drake. Send 75¢ for a sample issue of the "SDDXC Bulletin" to: SDDXC, 1826 Cypress St., San Diego, CA., 92154.

 RTTY/CW "READERS" (again!); Many comments received about this. One from Mike Hardester defending the "price" of a video terminal vs. learning the "code". Mike says he has tried many times and "can't learn the code!" In my past experiance with amateur classes, there is a very small percentage of people who CANNOT learn the Morse code. My comments about trying to learn it might be tried before one spends a kilobuck or better for a CW video terminal. As my observations have shown as well as those by others, most of these "readers" won't do a good job in heavy interference or on sloppy sending. That's where the human "computer" is still superior to ANY machine! Learning the code is usually not too difficult, but requires daily practice until you "catch on" to it. Remember when you fell off that two-wheeler many times when you were a kid before you managed to "keep it balanced" long enough to ride down the block?? Persistence pays off!! Code practice is sent several times daily by ARRL station W1AW. For information on their schedule, check "Operating News" in any "QST" magazine at your local library or "ham" supply store.

 FOR SALE: National HRO-500 in "as-is" condition. Physically in fair to good condition. Has circuitry trouble and is repairable. Will swap for a Mizuho "Audio processor" (new or mint) and a Datong active antenna or what have you? You pay shipping both ways. I'm too busy to fix this one, and have enough receivers anyway!! Write to the Editor at above address.

 COMMENT: Many thanks for the support in past months. Things are a little "thin" this time, so only one page. I will try to have two pages as often as possible provided there is material to work with. If you have sent in a tid-bit that has not yet appeared, remind me again. This is your column! Best of luck and good DXing in the future coming "Fall" months!.....73

"Sandy"



SPEEDX Western Hemisphere

EDITOR: Chris Hansen
2825 Webb Ave. 5F
Bronx, NY 10468

(212) 549-6613

Deadline: 12th

All times and dates UTC. All fqys in kHz

USE OF LISTS IN DXING

Lists have been a great part of DXing over the years. From that first Radio Log of the 1920's to the WRTH today, DXers have relied on lists to help in the identification of radio signals strange to them. However, there is a danger in using a list -- jumping to conclusions. To help clear up that problem, here are a few comments on lists in DXing.

A LIST IS ONLY AS GOOD AS ITS DATE. The WRTH is, of necessity, compiled in a period which ends sometime in the late fall. Therefore, after that time, any changes will be reflected only in the next year's WRTH. The same goes for DX magazine logging columns. The logging heard in July will be sent to the editor in August for inclusion in September's column. The logging is two months old when it gets to you -- it is a wonder that there are not more problems with loggings because of the long lead times. The solution to these problems is simple: keep up with DX programs, such as DXDigest on RCI, DX Jukebox on R. Nederland, and others -- the latest DX news is usually reported on these programs within a week of the event. Keep your WRTH up to date -- if a change occurs in a station's entry, make the change in the margin! Don't rely on your memory.

JUST BECAUSE IT'S LISTED DOESN'T NECESSARILY MEAN THAT YOU CAN HEAR IT. You know best the limitations of your receiver, antenna, and location. Take these limitations into consideration when searching your chosen list for aid in identification. As I mentioned last month, if you hear something (or, rather, think you hear something) out of the ordinary, take into consideration power limitations of the station, other possible stations on that frequency, time of the day, and the like in your identification. If the power is low, there are other possible stations on that frequency, or the time of day is unusual for that frequency, you should provide more details than you would have to provide for an unquestioned ID of a high-power station.

WHAT IS A LIST-LOGGER? A person who runs to consult his list as he hears an unknown signal, and who IDs that signal on the basis of frequency, or frequency and language alone, is a list-logger. List-logging is a common problem -- it can cause the DXer great problems with his reputation as a good DXer, since the taint of list-logging is hard to remove once acquired. To avoid list-logging, you must: (1) ID a station on the basis of a heard ID, or even part of one -- an identification based on only a frequency and language is very shaky indeed. (2) If you don't hear an ID, mark the logging as tentative even if you are sure in your own mind as to the ID of the station. (3) Remember that 'What else could it be?' is a terrible way to ID. (4) Provide details in any logging of a rare or unusual station. These details should include ID text, if heard, names of products mentioned in ads (if applicable), time checks heard, names of musical selections or type of music heard, and any other details you think helpful in IDing. A rare logging deserves more details than an oft-heard station's logging.

EXEMPLI GRATIA. In January 1979 I received a logging from a SPEEDXer which is a very good example of the problem. This DXer felt that he had heard R. Once del Noviembre in Ecuador on 4785, 0.5 kW, co-channel with Ecos del Combeima in Colombia. The details given were: 10605, R. Once del Noviembre, SS, IDs, tlk, local mx (322; 11/10) and that was it. A little investigation revealed that it had not been heard in NAM in the previous year (or, rather, reported to a DX bulletin). The tipoff as to the cause of the misID was this: the date of the logging was 11/10 - Once del Noviembre means Nov. 11th! Obviously, Ecos del Combeima (then active) had been talking about an event that would happen on Nov. 11th, and our DXer, not hearing (or ignoring) the Ecos del Combeima IDs, had picked those mentions of date up and, consulting the WRTH, said "Eureka!" and reported it. Don't jump to conclusions. I would like to recommend to all DXers (or aspiring DXers) a series which appeared in FRENEX several years ago: June-November, 1973 issues, On to the Top, by ace DXer Don Jensen, with special attention to the October article, which is on identification. Reprints are not available from NASWA, but I will xerox my copies for you if you wish -- send 50¢ for copying costs and postage. Spanish for DXers reappears next month.

I've just returned from a get-together of DXers in Maryland. I really can't stress too much the value of DXers gathering to exchange information, impressions, and tuning oils (hi!). I was very glad to meet my valuable contributors Jack Jones of MS and Henry Lazarus of LA. I also saw Perry and Jeanne Ferrell of Gilfer Associates, Dan Robinson of the VOA (late of NASWA/FRENDX), John Campbell of Great Britain, George Jacobs of RFE/RL, Jean-Jacques Bloch of France, Bill Oliver of NASWA, Don Jensen of EE (now called Science and Electronics) and other groups, Don Ferguson, Dan Henderson (who was our host), Bob Hill of CA (who outbid me for a Numero Uno towel at the auction), Tom Allen of NASWA Update, Jerry Berg, my predecessor as W/H Editor Jim "Cabezablanca" Whitehead, and many others (I believe 35 in all). We all had a wonderful time, and I'd hope that others who get a chance will go to DX gatherings in their vicinity -- you will enjoy it, I guarantee it! SPEEDXer Bob Foxworth and I traveled together (sort of).

So, it's time to begin the loggings. Remember that a logging without a language designation was heard in SS, that times and dates are in UTC, and that loggings are edited with regard to space and priority limitations. I present...

SOUTH AMERICA

ARGENTINA

- 6060 0705 R. Nacional, SS mx (333; 7/6. O'Brien, NSW)
 6120 0910 R. El Mundo, OMM tlk, many ments. of Argentina, then several IDs @0930, elided 's' es at end of Buen(os) Air(es), f/o @0940; (322; 7/28. Greenwood, PA
 11755 0815 R. El Mundo, tangos, ranchera mx; deds to listeners in Nicaragua, Maracaibo, etc (343; 7/19. Flynn, CA)

BOLIVIA

- 3480 0135 R. Padilla, LAm tunes/vocals, OM w/ tlk, ID @0145 and 0201 f/o (232; 7/2./ Cucura, PA)

BRAZIL

- 3375 *0900, per tip from Stu Klein, in PP, s/on w/ mx @0900, first anmt @0905 when OM gave full ID w/ these words, "R. Nacional de São Gabriel de Cachoeira, uma emissora transmitindo _____ onda media em 600 kHz e onda tropical em 90 metros, 3375 kHz." Then a px of almost continuous Brazilian mx w/ only three other amnts - all full IDs by same ancr - @0917, 0935 and 0950. Some QRM from CW station and some static but otherwise excellent signal. Thanks, Stu! (7/25. Lazarus, LA)(Henry, I was really pleased and surprised to meet you in Jessup this weekend! Keep reporting great loggings like this. ch)(0922; non-stop Braz. folk to 0935, then clear ID, "R. Nacional de São Gabriel...uma emissora de Radiobras (Great, this fills up one of the blanks above. ch). Good level, minor CW beacon QRM. Best signal by far in 90 m this AM, and a real surprise. 7/25. Cunningham, OH)
 4765 0250+ R. Nac. Cruzeiro do Sul, PP, Braz. pop mx; many ID, fighting w/ another station, quick fades, new (333; 7/24. Novello, NY)
 4835 0955 R. Nacional de Boa Vista, PP, tlks by OM, IDs, LAm mx, het, much QRM (323; 8/6, Miller, CA)
 4905 0308 R. Relogio Federal, PP, AM pop mx (gd; 7/26. Holmes, TX)
 4915 0620 R. Nacional de Macapá, PP, general tlk, heavy QRM, ID (pr; 7/29. Holland, NY)
 4985 0445 R. Brasil Central, PP, pop mx, QRM, ID, ads (fr/pr; 7/28. Holland, NY)
 5045 0725 R. Cultura do Pará, PP, LAm mx, ID (fr/gd; 7/29. Holland, NY)
 11765 0855 R. Tupi, PP, px "De Madrugada ao Tupistas de São Paulo" (253; 7/19. Flynn, CA)
 11780 0234 R. Nacional Brasília, PP, mx (433; 7/15. Berkholtz, MN)(0057; 455; 7/16. Rocha, CA)(545; 8/4. Miller, CA) (Lowe, TN)
 11805 0016 R. Globo, PP, OM tlk, YL w/ ads and etc., jammer QRM on channel (322; 7/18./
 11815 0018 R. Brasil Central, PP, OM ancing sx event w/ a lot of vigor, co-channel QRM; (322; 7/18. Lowe, TN)
 15125 2024 RBraS, EE, mx, short info pieces about Brazil (444; 7/22. Westbrook, FRG)
 15189 2149 R. Inconfidência, PP, good mx, poss. ads, usual type of Brazilian station styling (343; 7/12. Calver, UK)
 15290 0332 RBraz, EE, OM w/ ID, mx, no QRM (454; 7/18. Forbes, TX)(0234; 444; 7/19. Silva, CA)(0243; 343; 8/4. Fournier, VA)(0305; song in honor of soccer final; 544; 7/13. Moman, AB)(0205; 422; 7/23. Grenier, CA)(0300; 444; 7/21. Kopriva, CA)+7
 15445 0030 Radio Nacional Brasília, PP, local mx, many IDs (555; 7/3. Van Beurden, CA)(0110; 544; 8/4. Miller, CA) (Rocha, CA)
 17815 2356 R. Cultura de São Paulo, PP, "Nostalgia Brasileira," ID @2359 (344; 7/15./
 I'd like to remind everyone, courtesy of notes from Maxfield Greenwood and Henry Lazarus, that R. Clube do Pará has changed frequencies from 4855 to new 4885. This change was effected sometime in the beginning to middle of July, I believe. Thanks for the info. ch

CHILE

- 9630 1039 R. Agricultura, OM, "Informativa," px, bank ads, electrical effects (332; QRM; 7/12. Lowe, TN)
 9750 *1000 R. Minería, OC to 1000:45; then chimes twice, NA(?), full ID by OM w/ fqys; meter bands, mention of Santiago, station director's name is Don Carlos Bulnes; (322; 7/19. Cunningham, OH)
 15150 2222 LWCH, EE, OM, LAm mx, QRM; (333; 7/13. Bickel, CA)(MORE CHILE ON P.3 OF W/H)

CHILE -- (Continued)

17789 0240 LVGH, EE, mx of Chile, tlk by YL (323; 7/9. Miller, CA)

COLOMBIA

- 4812 1025 R. Guatapurí, constant tlk by OM w/ ID (353; 7/29. Van Beurden, CA)(4813; 0555; 433; 7/13. Forbes, TX)(4813; 433; 7/24. Leeman, RI)
- 4855 0955 R. Neiva, campesino mx px, complete ID w/ calls, fqys @1000 by OM; tlks, armts, back to campo mx, first for me (333; 7/10. Cunningham, OH)(333; 7/24. O335; Leeman, RI)(0425; En R. Nueva y la hora nacional, las 11 y 30 minutos, veinte minutos para las doce,"(Great example of old and new methods of telling time. ch) 333; 7/29. Greenwood, PA)
- 4875 0200 R. Super de Medellín, SS, ma, tlk (322; 7/29. Pyatt, GA)(Great to see your contributions again, Ed! ch)(0615; ex; 7/29. Holland, NY)(0625; 333; 7/31. Thompson, NY)
- 4945 1015 R. Colosal, ID @1015; (333; 7/5. O'Brien, NSW)(0515; gd; 7/28. Holland, NY)(CA) (0758; 252; 8/5. Munster, GA)
- 4965 0450 R. Santa Fe, class. SS mx; ID, QRN, TC (gd; 7/28. Holland, NY)
- 5010 0928 R. Surcolombiana, "Escuchan R. Surcolombiana, ...Emisora CARACOL," (343; 7/22. Jones, MS)(Jack, it was an honor to meet you this weekend -- hope that when you finally retire you get more DXing time for these great reports. ch)
- 5040 *1008; R. Cinco, s/on, announcements, mx; (gd; 7/31. Brewer, TN)
- 5075 1011 R. Sutatenza, OM/YL hosting px; many IDs, not // to 5095 (431; 8/6. McLean, NY) (0126; 544; 8/1. Heyman, NY)
- 5095 0110 R. Sutatenza, OM, many IDs, ads, ns; (444; 8/6. McLean, NY)
- 5955 0959 LV de los Centauros, clear ID, then vocal LAm mx (333; 6/28. Moman, AB)
- 6065 0845 R. Super, LAm mx, armts, ID (333; 8/5. Alexander, PA)
- 6085 0840 R. Super de Cali, tremendous signal, LAm ballads, romantic mx; ID: (R. Super de Cali, la Radio que tiene siempre algo bueno para ustedes," (544; 7/8. Greenwood, PA)(0900; 343; 8/5. Alexander, PA)
- 6115 0748 LV del Llano, ID, LAm mx, (352; 7/31. Munster, GA)(0815; 343; 7/8. Huddleston, TX)(1045; 354; 7/29. Van Beurden, CA)
- 6150 0610 LV del Huila, LAm mx, many IDs (333; 7/21. Moon, CA)(0725; 343; 8/5. Alexander, CA)
- 6251a 0243 R.dif. Nacional de Colombia, light class. mx, OM tlk 0250; into operatic mx, YL ancr ID @0259; foll. by another OM ID @0300. Another strange frequency for R.d.N. (232; 8/2. Lowe, TN) Novello, NY)
- 6253 0400+ R.dif. Nacional de Colombia, class. string quartet mx //15500; (352; 8/2./
- 11780? 0433 R.dif. Nacional de Colombia, ID, mx, QRM @0446; (444; 8/2. Lambert, IL)(Are you sure about the fqy?? Usually heard around 11790 or so. ch)
- 15030h 0517 Harmonic of Radio Surcolombiana, fundamental on 5030, (332; 8/2. Lowe, AR) (Good a place as any here to remind reporters of harmonic signals that most will be edited out of the column unless they have either (1) some intrinsic value, as the harmonic of R. Victoria (La Líder) in Nicaragua had several years ago, or (2) there is reason to warn the DXer that a signal in that place is actually a harmonic and therefore nothing to get het up about -- the above logging comes under No. 2. A logging of a harmonic of your local 500 W BCB station, while interesting to your friend next door, and his friend down the street, is of little use to SPEEDDXers a continent away. Same goes for a harmonic of an international SWBCer which appears in the 30 mHz range or so -- few, if any, DXers listen up there. Under No. 1 above would come harmonics which appear in or near an SWBC band, or which come from a country which had no SW to speak of (Nicaragua once had to SW to speak of). ch)
- 15335 0403 R.dif. Nacional de Colombia, mx (444; 7/21. Berkholtz, MN)(1050; 544; 6/30 Miller, CA)

ECUADOR -- HCJB

- 3220 1100 "V" time pips, Andean flute mx (322; 7/30. (322; 7/30. Blaize, LA)
- 9745 0602 EE, Heavens Declare, (444; 6/14. Zehr, NV)(DXpl, 0230; 444; Kopriva, CA) (0900; 443; DXing the Earth from Outer Space (Get me there with my R-390A and I'll DX -- otherwise, I'm stuck here. ch) 443; 7/28. Clark, KS)
- 15115 1436 EE, letters, ID (fr; 7/6. Holland, NY)
- 15155 0038 EE, "Encounter With Truth," about the duty of a husband to understand his wife; (Duty? Heck, that's a full time job! ch)(444; 8/4. Traver, CA)(0230; A Japanese interviewed by Clayton Howard says we are all pronouncing Yaesu wrong -- it should be "Yah-ES-oo" (I'm crushed. ch) 444; 7/24. Farmer, TN)
- 21480 2155 EE, DXpl (444; 7/5. Berkholtz, MN)
- 26020 0030 EE, for West Coast (353; 7/23. Thompson, NM)(Don Jensen visited HCJB's xmitter site in February, and he says that the 26020 xmitter is in a broom closet! No wonder it's swept us off our feet! (Remeber, rotten vegetables can't be posted, hi! ch. Don't shoot the editor, he's doing the best he can)(2145; 221; 7/13. Whetzel, IN)+21
- 4800+ 0934 R. Popular Independiente, ID, TC, mx (433; 7/26. Jones, MS)
- 4820 *0924 R. Paz y Bien, NA, ID, complete sked for day (Only SW until late afternoon when joined by MW xmitter)(342; 7/23. Jones, MS)(0905; 433; 7/24. Greenwood, PA)
- 4850 0403 R. Luz y Vida, mx, ID, several armts (333; 7/22. Bickel, CA)
- 4920 0522 R. Quito, OM tlk, ID, violin version of "Indian Love Call," 0525* suddenly; (333; 7/21. Thompson, CA)
- 5061 0510 R. Nacional Progreso, tlk by OM, mx; (232; 8/4. Alexander, PA)

GALAPAGOS - LV de Galapagos
4810 0200 vocals (333; 7/29. Pyatt, GA)

GUYANA -- GBS
5950 0736 EE, Pledge of Allegiance, ID, gave two MW and one FM // fqy; into class mx; stronger @0730 than at 0100 or 0200; (444; 7/24. Cereghin, MD)(0900; 322; 6/27. Moman, AB)(0815; 333; 8/5. Alexander, PA)(0810; 353; 7/7. Huddleston, TX)(0750; awful reception tonight; 322; 7/30. Marshall, AZ)

PARAGUAY -- (This is taken from 8/80 FRENDX Listeners' Notebook, an item from Tony Jones in Paraguay): "Bad news for those wishing to hear R. Nacional: 6025 is on its last legs and is only barely audible a few miles from xmitter, while there is little hope of the 9 MHz xmitter being put into operation in the near future -- it has been plagued by tech problems right from the very start, and is not a very good ad for U.S. technology! The only ZP stations currently on SW are those of LV del Amambay, 5995, and Emisoras Paraguay, 6015." (report dated 6/20).

PERU
4860 0735 R. Chinchaycocha, wild huaynos, chants, flutes, drums, what a way to get up! (322; 7/25. Greenwood, PA)

SURINAM
4850 0430 SRS, EE, "Rock & Roll and Clap Your Hands," (444; 7/13. Forbes, TX)
4950 0830 R. Apintie, clear ID by OM, into Indian folk mx, px hosted in Hindi by YL; fade by 0900; ex-4795, I guess; (poor; 7/31. Lobdell, MA)

URUGUAY -- S.O.D.R.E.
11885 0013 mx, tlk, several SS/EE IDs, welcomed reports (323; 7/28. Raymond, MA)(0100; 343; 7/21. Flynn, CA)(0008; 0055*; 322; 7/13. Huddleston, TX)

VENEZUELA
3225 0144 R. Occidente, LAM pop tunes 0159; OM w. ID (322; 7/20. Cucura, PA)
3275 0330 R. Mara, LAM mx, ID, NA, 0355* (fr; 7/6. Holland, NY)
3395 0405 R. Universidad, LAM mx; ID, heavy QRN (fr; 7/6. Holland, NY)
4760 *0958 R. Frontera, Marimba/MOR mx to 1006, then NA. At 1008, complete ID as "R. Frontera Internacionalísima," w/ calls, fqys, QTH ("San Antonio, la republica de Venezuela"), 2 more IDs, more of NA, then tlks of OM ancr; destroyed by het @1012, otherwise good level (333; 7/22. Cunningham, OH)
4800 0020 R. Lara, US pop mx, ID between each selection (333; 7/21. Alexander, PA)
4880 0155 R. Universo, LAM mx, arnmts, ID (333; 7/31. Alexander, PA)
4900 0055 R. Juventud, excellent sign; ballads (sounds like a SS Peter, Paul & Mary group)(Pedro, Pablo y Maria?)(434; 7/30. Blaize, LA)
4940 0625 R. Yaracuy, LAM mx, heavy QRN (pr/fr; 7/29. Holland, NY)(0958; 353; 8/2. Van Beurden, CA)
4970 0400 R. Rumbos, LAM mx, ID, good listening mx (433; 7/13. Forbes, TX)(0918; 343; 7/7. Van Beurden, CA)(0048; 333; 7/30; Blaize, LA)
4980 0122 Ecos del Torbes, LAM mx, ID by YL (433; 7/31. Conover, KY)(0130; 444; 8/1. Heyman, NY)
4990 0135 R. Barquisimeto, mx, OM ID, ads, (433; 8/1. Heyman, NY)
5030 0040 R. Continente, nice typical LAM mx, (333; 7/30. Blaize, LA)(0150; 333; 7/15. Alexander, PA)(0450; 443; 0502*; Rocha, CA)
5040 1000 R. Maturín, marimba mx, QRM from TIPC, (fr; Brewer, TN)
6120 0930 R. Angostura, mixing w/ unIDed; LAM upbeat/hyper ancr; made ID out of jumble; (312; 7/29. Greenwood, PA) Thompson, CA)
9660 0000 R. Rumbos, lively LAM mx, OM ID, ballads and more lively mx (443; 7/31./

NORTH AND CENTRAL AMERICA

ANTIGUA
6040 0122 DW Relay, EE, nx, relay ID @0150; (454; 7/15. Raymond, MA)(0139; 433; 7/25; Grenier, CA)(0120; 444; 9/31. Kopriva, CA)
6175 0400 BBC, EE, nx; (433; 7/23. Berkholtz, MN)(0330; 444; 7/22. Kopriva, CA)
6195 1150 BBC, EE, "Farming World" discussion (poor; 7/30. Blaize, LA)
9510 0452 BBC, EE, agricultural prices (444; 8/2. Berkholtz, MN)
9545 0525 DW, EE, px for Nam.; 0550* (444; 7/27. Kopriva, CA)
11785 0020 DW, SS, OM, Note that this px is not // to the SS px from Malta on at the same time; (343; 8/4. Traver, CA)
15275 2021 DW, GG, cmt on right to asylum in FRG (433; 7/5. Berkholtz, MN)

BELIZE -- Radio Belize
3285 0440 EE, 0510*, mellow LAM mx, long s/off (222; Greenwood, PA)(0110; 211; 7/31. Conover, KY)(0410; fr; 7/6. Holland, KY)(0300; 222; 7/30. Pyatt, GA)(1105; prayer w/ "Finlandia" played in background (422; 7/30. Blaize, LA)(0335; 242; 7/9. Huddleston, TX)

ARE THERE ANY FELLOW MEMBERS OF MENSA OUT THERE?? IF SO, I'D LIKE TO HEAR FROM YOU! PERHAPS WE COULD FORM A SPECIAL INTEREST GROUP WITHIN MENSA. M SWL's, ARISE!! (hi!)

CANADA

- 5960 0219 RCI, EE, Canadian oil news story (444; 7/18. Sanderson, AZ)(0400; 333; 7/30; Zeyn, NV)(0315; 444; 7/16. Silva, CA)(0220; 555; 7/3. Lindley, AL)(0200; 544; 7/16; Whetzel, IN)(0415; 555; 7/3. Smith, FL)
- 6070 2138 CFRX, EE, nx, MOR/soft pop mx, community items, (333; 7/20. Whetzel, IN) (1200; 444; 8/5. James, MI)
- 6160 0832 CKZN, St. John's, EE, EZL mx, sx, wx, 0832-0855 f/o. TCs were GMT - 2½ hrs; (222; Greenwood, PA)
- 6195 0406 CBC Northern Quebec Shortwave Service (new name of CBC Northern Service); EE OM anc; nx, wx, fqy; "Dave & Carol Show" (433; 7/13. Lindley, AL)
- 9535 0204 RCI, EE, nx; (444; 7/21. Berkholtz, MN)
- 9625 0150 CBCNQSWS(Oh Lord, the acronym is much too long for a poor editor, hi! ch); EE; class mx, later nx in FF (333; 7/15. Berkholtz, MN)(1228; 333; 7/21. Farmer, TN) (0231; 433; 7/21. Grenier, CA)(2200; 443; 7/4. Huddleston, TX)
- 9655 0400 RCI, EE, ID, nx and sx; DXD from ANARC; (444; 7/28. Kopriva, CA)(0214; 455; 7/11. Lindley, AL)(0211; 444; 7/19. Silva, CA)(0217; 433; 8/5. Fournier, VA)
- 9755 0000 RCI, EE, DXD, ANARC Report; (544; 7/28. Pettit, IA)
- 11720 1806 CBCNQSWS, EE, jazz; Info on Al Bowlie Fan Club (Could someone tell me who Al Bowlie is?? ch)(444; 7/23. Berkholtz, MN)
- 11845 0300 RCI, EE, Ginger da Silva subbing for the regular anc; (544; 8/6. Miller, CA) (0425; 555; 7/7. Lindley, AL)(0210; fr; 8/3. Zehr, NY)(0300; 444; Berkholtz, MN)
- 11955 1300; RCI, "Sunday Morning" in EE until 1600 (544; 7/6. Whetzel, IN)
- 15150 2135 RCI, EE, OM ID w/ world nx; for Africa (555; 7/16. Schroeder, WI)
- 15160 1552 RCI, EE, nx, 1559* (343; 7/11. Huddleston, TX)
- 15190 0045 RCI, SS, ID in FF @0100; YL, ID, het (333; 8/4. Traver, CA)
- 15325 *2100 CBC Domestic Service; EE, "World @ 6" "As It Happens" to 2300 end of px; (555; regular; Whetzel, IN)
- 17710 1433 CBC Domestic Service; "Sunday Morning" interview w/ Glenda Jackson; (333; 8/7. Berkholtz, MN)
- 17820 0124 RCI, EE, cmt; Teflon and the Pill are Canadian inventions (Out of the frying pan into the sirt? ch)(444; 7/6. Berkholtz, MN)(0115; 222; 7/31. Grenier, CA) (1800; 555; 7/2. Whetzel, IN)
- 17830 1834 BBC Sackville Relay, EE, nx, sx (454; 7/14. Stroh, IL)
- 17875 2105 CBC Domestic Service; "Is Billy (Carter) Silly or Subversive?" (444; 7/24. Silva, CA)(2005; 444; 7/27. Maise, LA)

COSTA RICA

- 4832 0705 R. Reloj, ID, TC, SS pop mx (343; 8/5. Alexander, PA)(0300; gd; 7/2. Holland, NY)(0700; 433; 7/31. Pettit, IA)(0417; 444; 7/30. O'Dell, AR)
- 5055 0330 Faro del Caribe, TIFC, EE, ID @0330, then rel. px, mx, etc.; definitely hrd s/off @0405 (333; 7/30. O'Dell, AR)
- 5954 0432 TIQ, R. Casino, EE, EZL mx w/ few TCs, full IDs @0432, 0447, 0500 (444; 7/30; O'Dell, AR)(0509; ID: "You're in tune to Port Limón's original broadcasting station, TIQ, the Queen of the Caribbean," 444; 6/18. Hook, FL)
- 6075 1101 R. Rumbo, "En Rumbo..." "Música ranchera..." (333; 7/19. Jones, MS)(6076; 0501; R. Rumbo, TICAI; 333; 7/30. O'Dell, AR)(6075; 0945; 123; 7/5. O'Brien, NSW)
- 9615 0254 R. Noticias del Continente, Undermodulated IAm mx, foll. by ID and Costa Rican nx report, ID @0300; (232; 7/16. Cereghin, MD)

CUBA

- 6060 0145 R. Havana Cuba, Station ID, into FF @0200 (333; 7/21. Stone, ON)
- 9525 0730 RHC, EE, ID, "P.O. Box 7026" (352; 7/14. Huddleston, TX)(0750; fr; 8/3. Zehn, NV)
- 9600 0201 RMWS, EE, report on Olympic games (444; 7/22. Grenier, CA)
- 11760 0506 RHC, EE, OM anc; tlk on African Problems (555; 7/7. Lindley, AR)(1745; 212; 7/22. Cereghin, MD)(1230; Castro speech in Managua, Nicaragua; 433; 7/25. Leeman, RI)(0410; gd; 7/25. Zehr, NV)(0339; 333; 7/18. Sanderson, AZ)(1745; 453; 7/16. Stroh, IL)
- 11920 0430 RHC, EE, mailbag (gd; 7/31. Zehr, NV)
- 14800-15000 -- Spurious signals of RHC, cross-modulation with RTTY. RHC shares xmitter site w/ principal HFPTP facility in Cuba (8/1. Stanbury, ON)
- 15155 2041 RHC, EE, px of Cuba's Best Music" (7/31. Newton, GA)(2039; 434; 8/3. Fournier, VA)
- 15230 1645 RHC, FF, OC @1654, ID in SS, into FF and nx. (555; 7/23. Cereghin, MD)
- 17705 1425 RHC, mx, QSB, ID (gd; 7/4. Holland, NY)
- 17855 0315 RHC, regional nx, ID, flutter (fr; 7/5. Holland, NY)

DOMINICAN REPUBLIC -- R. Mil

- 4830 0340 Musica Romantica to 0400*; calls, fqys, ID given several different ways at s/off, then NA (322; 7/25. Greenwood, PA)(0600; 333; 8/5. Alexander, PA)

GRENADE -- R. Free Grenada

- 15045 2345 EE, mx, fqys, 2400* (433; 7/20. Moon, CA)(2300; BBC world nx; 233; 7/30; O'Dell, AR)(2225; ads, obits; 333; 7/12. Newton, GA)(2240; "Keep your cool with Cool men's deodorant," 343; 7/7. Farmer, TN)(Grenada continued on next page)

GRENADA -- RFG, (Continued)

15045 2332 (0000* (or 2400*, as someone else had it last page. It all depends on your point of view. ch) Lindley, AL)(2330; 433; 7/22. Thompson, CA)

GUATEMALA

3300 0140 R. Cultural, mx, SS ID @0137; soft mx (353; 7/29. D'Angelo, PA)(0300; 444; 7/30. Pyatt, GA)(0400; 333; 7/7. Moman, AB)
 4820 0345 R. Mam, marimba mx, tlks, 0300* (444; 7/15. Thompson, NM)
 5979.8 0455 TGMUA AWR; EE, "Quiet Hour" relg. px; 0500 ID, requested reports, 0509; (433; 7/12. Moman, AB)
 6180 1038 LV de Guatemala, EE tlk (title seemed to be 'Guatescope') cmt on how the facts of physical science undermined the power of the aristocracy (special interest in Galileo); EE ID @1049, said would continue talk same time, channel next day; tones like the old N-B-C Radio Network, SS ID and into marimbas; (fair; 8/5. Lobdell, MA)(0849; EE, ID: "TGW, the International Service of the Voice of Guatemala" MW, FM & SW fqys; bc for Guatemaland abroad and for friends of Guatemala, wants reports. Back to SS after this amt; 454; 7/29. Jones, MS)(1120; 343; 7/23. Farmer, TN)(0810; SS/EE, end of tlk in EE; 352; 8/5. Munster, GA)(0403; 433; 7/12. Moman, AB)(0810; 444; 7/8. Huddleston, TX)

HAITI -- R. Station 4VEH

11835 1115 EE, The Living Bible (233; 8/7. Miller, CA)(1220; 433; 7/6. Forbes, TX)
 11238; 232; 7/25. Moman, AB)(1130; 333; px on evils of marijuana and other drugs; 8/6. Evans, TN)

HONDURAS

4820 0404 HRVC, LV Evangelica, EE, relg. px to 0455* (343; 7/27. Whetzel, IN)(0450; 0505*; 444; 7/14. Lindley, AL)(0245; fr; 7/2. Holland, NY)(0100; 322; 7/31. Conover, KY)(0345; 343; 7/29. O'Dell, AR)
 4890 0230 R. Lux, pop vocals (333; 7/8. Pyatt, GA)
 4920 0407 R. Progreso, OM w/ ID, Lam mx, ad for Salda Tea (353; 7/20. Cucura, PA)

MEXICO

2390 1115 H. Huayacocotla, ranchoero mx, lots of static; only 120m heard last 3 months; (222; 7/20. Blaize, LA)
 5985 0137 R. México, EE, "The Mexican Hour" - travelog-like tour of Mexical coastal towns. PX ended w/ long list of credits (writers, producer, narrators, etc., etc., ad infinitum) ID @0140 as "R. Mexico Internacional" (444; 7/25. Jones, MS) (0023; GG "Mexico in eine minute" @0227; 333; 7/26. Huddleston, TX)
 6115 2200 R. Univ. de Sonora, IDs, class mx, amnts (454; 8/5. Thompson, NM)
 6165 1041 LV de América Latina, XEW ID, Mexican pop mx (332; 7/25. Jones, MS)
 t6185 1155 R. Educación, very nice ranchoero mx -- SS tlk, YL w. ID? mucho static; (423; 7/30. Blaize, LA)

MONTSERRAT -- DW Relay

11705 *0530 EE, nx, cmt; (333; 7/12. Bickel, CA)
 11865 0247 DW, cmt on Lam events (433; 7/15. Berkholtz, MN)

NETHERLANDS ANTILLES

6165 *0230 RN, EE, nx, features, mx, DXJB (444; regular, Whetzel, IN)(0252; last DXJB hosted by Fritz Greveling; new host is Jonathan Marks; 454; 8/1. D'Angelo, PA) (0620; 333; 7/12. Lindley, AL)(0600; px on the subject of death in pop music writing; 444; 7/27. Kopriva, CA)
 9590 0320 RN, EE, DXJB, (444; 7/18. Sanderson, AZ)(0241; 444; 7/21. Berkholtz, MN) (0228; 444; 7/11. Kopriva, CA)(0330; Espacio DXista w/ ANARCon report by Alfonso Montealegre, // 15315 (444); (544; 7/26. Pettit, IA)(*0229; 454; 7/15. Heyman, NY)
 9715 0601 RN, Happy Station, usual horseplay (555; 7/14. Thompson, CA)(0855; to Australia, 544; 7/29. Clark, KS)
 15255 1254 TWR, EE, Back to God Hour" (333; 8/3. Cereghin, MD)(1259; 333; 8/3. Farmer, TN)
 17605 1948 RN, EE, ID, OM/YL His&Hers (333; 7/8. Hodsdon, MN)

NICARAGUA

5949.5 0235 LV de Nicaragua, OM/YL tlks, many IDs, marimba and other Lam mx, QRMing/QRMEd by ORF (4 3/2 4 4 3/2; 8/1. Munster, GA)(0130; 544; 8/6. Evans, TN)(0245; "son las ocho cuarenta y ocho minutos en Nicaragua libre" by YL, nice IS: phrase from Sandinista anthem on chomes; 444; 7/19. Lowe, TN)(0128; 544; 7/25. Jones, MS) (0045; 433; 7/29. D'Angelo, PA)(0230; 423; 7/28. Van Beurden, CA)
 6120 1119 R. Zinica, Ranchera mx, OM TC, ID, "Música de Guatemala" (433 het; 7/12. Lowe, AR)

UNITED STATES OF AMERICA

4004 0401 R. Indiana, EE, repeated IDs by OM buried in QRM, fqy given as 4004 kHz shortwave, one rock song, more IDs w/ fqys, then "Auf Wiedersehen." 0407* (222; 7/4. Cunningham, OH)
 6240 0409 Voice of the Pyramids, EE, ID by slow-speaking, mellow OM, gave several fqys including this one, times in GMT; FRC address for QSLs (More on next page. ch)

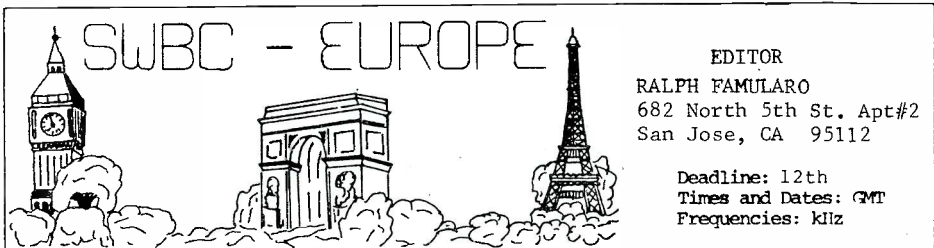
UNITED STATES OF AMERICA -- Voice of the Pyramids, (Continued)

- played one rock song ("Smoke on the Water") then more IDs, fqs, and times. Said they'd be back on at 5 o'clock GMT on 9330, but unheard due to QRM. Off at 0420. (222; 7/6. Cunningham, OH)
- 6420 0615 KVHF, EE, played "The Gambler" by Kenny Rogers, ID @0618, into oldies mx (544; 6/24. Snowden, CA)(KVHF presumed the one here with rock and disco mx; "Groove Line" by Heat Wave, nice signal but RTTY QRM made it tough; 323; 7/28. Lowe, TN)(6425; 0800; no ID but heard at ANARC '80 so other CA DXers recognized style, 0950*; 544; 7/20. Pettit, CA)(6430; 0630; 454; 7/3. Bickel, OR)
- 6983 0301 R. Indiana, EE, repeated IDs as "Radio Indiana, the Voice of Indiana," gave fqs as 6990, phone as 212-766-9979. Talk over pop mx, more IDs, off 0306; better fqs than 4004 (232; 7/5. Cunningham, OH)
- 7355 0543 R. VCR, EE pop mx by Kansas, vocals, ID by OM @0605 claiming "25 watts from Middle America," no address or phone given (433; 7/28. Lowe, TN)(0236; 444; 8/7. Baxter, KS)
- 7390a 0315 LV de la Junta Patriotica Cubana, off-air relay of statement by Costa Rican President Carazo. Note that in ID the word "junta" has replaced "republica." (222; 8/1. Stanbury, ON)(I was very surprised to learn that there actually is a Junta Patriotica Cubana, or Patriotic Cuban Board in existence in the United States. It is an umbrella organization for some 100 Cuban resistance and aid societies in the United States and various other countries. On this same subject, Comandante David has finally been detained on charges of operating an illegal radio station. I understand he has been indicted on that charge in Miami. This according to a recollection of a DXD report by gh.)
- 9715 0355 WYFR, EE, world mx (555; 8/1. Wolan, OH)
- 11830 0030* The Voice of the OAS, EE, mx, ID, YL ancr; end of bc; (444; 7/18. Bickel, CA)
- 14550 0131 R. Confusion, EE s/on @0130 instead of ancd 0100 (per DXD), "Crazy Roger" B'cong old rock records, into the "Crazy Contest" with the \$19,81 prize (I've already sent in my entry -- I need the money), album reviews, read reception reports from Tom Semesky (whose name they pronounced "Sesame-sky"), gave FRC address and promised bumper stickers and QSLs. Jingle ID had a professional sound (434; overmod and razz; 7/28. Lowe, TN)(0130; though some who tried for R. Confusion's July broadcast report it was not on the air, others including myself did hear it, though apparently starting about half an hour later than sked-0130 7/28. Was poor with fading, distortion and unstable carrier; ran to 0212 or so (Hauser, TN) (This is R. Confusion International, *0056; was heard above utes -- then actually came on @0100 w/ mx and ID; not very good until utes quit, about 0125; "This is Crazy Roger here," offering bumper stickers "Radio Men do it with more frequency," ad for Free Radio Campaign, content to ID parts of 6 songs; QSL via FRC, 0212*; (533; 7/28. Pettit, IA)(How odd -- they must be close to you since you apparently heard a half-hour which Derek and Glenn missed. ch)(0140; 0211*; had accurate GMT time checks; 433; 7/28. Baxter, KS)(0140; 322; 7/28. Farmer, TN)(0104; definite ID, signal often faded, very weak (241; 7/28. Whetzel, IN))
- 15350 2055 Rock & Roll Radio, EE, rock mx, OM ID, tape of ABC nx (322; 7/27. Newton, GA)
- 17720 1730 WINB, EE, Jewish Voice bc from Phoenix (433; 7/14. Berkholtz, MN)+19

A word is in order here about my sorting and editing policies. When I receive all the loggings I feel I am going to use (about the 12th of the month), I cut them apart (although I'd appreciate it if all reporters would use SPEEDX forms if possible and cut apart their own loggings), then I sort by country and fqs. Most months I have more than I can use, and therefore, while sorting, I edit out those loggings which I don't feel I'll be able to get in. Most often edited out are loggings of USA other than pirates, Netherlands Antilles, and some of the more powerful IAm SS stations. I do try to put in at least one logging, if not more, from each contributor. However, if your loggings do get to me in time, you are credited with a membership point whether your logging is printed or is inadvertently sorted out. So, when I got to the USA this month in typing, I discovered that I had not needed to cut so much -- however, the loggings were already gone, as I don't keep them after they are sorted out (I have too much paper now). I only keep those I am going to use.

I guess it's time to reintroduce myself to those who have just joined or rejoined SPEEDX. I am 28, single (male), and have been a DXer for 10 years. I have lived in New York for the past 10 years as well, but I was born and raised in Marblehead, Massachusetts. I am a graduate of Columbia College in New York, with an A.B. in Latin and Greek. I entered St. Joseph's Seminary in Yonkers in 1976, two years after graduating college, but left in 1978 to work for the Harris Poll in New York. I've changed jobs again recently, and I now work for Deloitte Haskins and Sells, an accounting firm, on the 99th floor of the North Tower of the World Trade Center. I was an editor for ASWLC from 1973-1977, and have been a SPEEDX editor since 1978 -- I was elected a Director of SPEEDX in 1979.

I'd like to add my condolences to those of the club on the sad occasion of Oliver Ellsworth's death on 8/9. He was Managing Editor in most trying times, and did quite a good job despite it all. With 73's, then, I'll see you next month. CH/Arkie *Chris H/Arkie!*



EDITOR

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

ALBANIA

- 6200 0335 Radio Tirana: OM nx, ID, comtrys (333 7/28 Audette-MA)
- 7120 0240 R. Tirana: YL w/ "Outstanding Revolutionary Events & Figures" (444 8/6 Hackney-TN)(333 Sanderson-AZ)(343 Cereghin-MD)
- 9500 0400 R. Tirana: Interval Signal (232 7/29 Hall-CA) More details..rmf.
- 9750 0250 R. Tirana: YL nx & tlk completely covered by UNID @0254 (433 7/12 Lindley-AL)
- 9775 0150 R. Tirana: ID, political harangue re: Venezuelan Communists, 0200* (444 7/29 Huddleston-TX)
- 16230 0549 R. Tirana: CC YL singing w/ stringed instrument (252 Traver-CA)

ANDORRA

- 6220 1939 World Music Radio: Program on Eyebrows - Well Why Not! (453 7/9 Calver-UK)

AUSTRIA

- 5945 0155 Osterreichischer Rundfunk: YL nx & tlk, mx, OM ID, IS, freqs and schedule (433 7/12 Forbes-TX)
- 9770 0130 ORF: ID, Austrian nx, cmtry (222 6/22 Hodsdon-MN)(422 7/9 Lindley-AL) GG program (555 1035 7/28 Westbrook-FRG)
- 12015 0430 ORF: "Report from Austria" (323 7/4 Silva-CA)(343 Kopriva-CA)(444 Sanderson-AZ)(343 Cereghin-MD)(433 Whetzel-IN)(353 Rust-OR)(555 Coleman RJ-MA)(222 Grenier-CA)(333 Berkholtz-MN)(544 Hall-CA)
- 15440 0735 ORF: GG nx items between mx bcst to Australia/New Zealand. To be changed to 17830 S-80 (343 8/1 Munster-GA) EE cmtry w/ Moscow co-channel QRM (322 0838 7/13 Lucas-CA)
- 15560 1838 ORF: OM nx, commentry (242 7/15 Lucas-CA)
- 21655 1230 ORF: "Letter from Austria", "SW Panorama" (353 7/13 Fraser-MA)

BELGIUM

- 15175 0025 Belgische Radio en Televisie: Lite mx followed by World nx & special on Ugandan famine (444 8/6 McLean-NY)
- 15210 0505 ORU (French Language Network): FF nx & mx pgm (433 Eddie-MO)
- 15385 0015 BRT: Nx, cmtry, mx, press review (433 regular Whetzel-IN)(433 Newton-GA)(323 Miller-CA)(444 Earhart-PA)(534 Lindley-AL)(444 Thompson-NM)(433 Kopriva-CA)(433 Moman-ALB)(444 Heyman-NY)(444 Aucoin-LA)(443 Byron-NY)(333 Berkholtz-MN)(343 Smith-FL)(433 7/12 Blaize-LA)
- 21460 1800 ORU: FF OM tlk, pop & Afro mx (545 7/6 Miller-CA)
- 21515 1606 BRT: ID, mention of new freqs, contest offer, "Today in Belgium" (444 8/4 Leeman-RI)

BULGARIA

- 11750 0430 Radio Sofia: ID, nx, cmtry on U.S. Olympic boycott (433 Kopriva-CA)(544 7/7 Lindley-AL)(322 Zilmer-NM)(533 Cucura-PA)(454 Smith-FL)(333 Forbes-TX)(232 Hall-CA)
- 15135 2142 R. Sofia: DX news (333 7/18 Sanderson-AZ)(fair Holland-NY)(333 *2100 Burgess-SASK)(434 Worman-WI)(443 Zilmer-NM)(454 Fraser-MA)(322 Hodsdon-MN)(343 Smith-FL)(233 Hall-CA)
- 15330 *0000 R. Sofia: Nx, ID, "Youth Corner" (544 7/24 Cucura-PA)(222 7/29 Hall-CA)(433 Lindley-AL)(344 8/1 Wolan-OR)
- 15530 2228 R. Sofia: SS IS, ID, nx (333 7/2 Smith-FL)
- 17825 2200 R. Sofia: PP IS, 2200 ID, program to Brazil (322 7/10 Moman-ALBERTA)

CZECHOSLOVAKIA

7345 0400 Radio Prague: End of EE pgm w/ ID & IS (433 7/12 Lindley-AL)
occasional editorial comment (433 8/6 McLean-NY)

9540 0318 R. Prague: OM tlk on Moscow Olympics (322 7/28 Audette-MA)

9605 1530 R. Prague: Mx & tlks, QRM by UNID. (323 8/2 Miller-CA)

9740 0308 R. Prague: Cmtry on Wildlife Preserves (333 7/14 Berkholtz-MN)

11990 0124 R. Prague: Olympic history & nx, ID @0127 (344 Wolan-OH)(444
Forbes-TX)(545 Carson-WV)(433 Berkholtz-MN)(454 Conover-KY)
(333 Sanderson-AZ)(333 Kopriva-CA)(434 Johnson-IL)(243 Burgess-
SASK)(332 w/ local QRN Earhart-PA)(533 0306 Hall-CA)

21505T 1820 R. Prague: Mx, 1825 s/off (444 7/15 Stroh-IL) Any ID heard?...rmf

21615 1806 R. Prague: UN coverage on South Africa, 1810 Prague ID (232
7/17 Cereghin-MD)

DENMARK

15165 2259 Radio Denmark: IS, EE/DD ID, Danish OM tlk, mx (333 Kopriva-CA)
(333 1756 Moman-ALB)(322 Lindley-AL)(232 *2059 Huddleston-TX)
(333 1940 Hodsdon-MN)(555 0933 Westbrook-FRG)(333 Berkholtz-MN)
(222 7/29 Marshall-AZ)

FINLAND

15400 0335 Radio Finland: OM nx on Nuclear power plants (343 7/29 Hall-CA)
(332 Earhart-PA)(433 Kopriva-CA)(234 Wolan-OH)(333 Hodsdon-MN)
(fair Shepherd-IL)(454 Fraser-MA)(433 Moon-CA)(333 Blaize-LA)
(444 w/ slightly distorted audio Newton-GA)(242 Raymond-MA)

21475 1430 R. Finland: ID, interview, tlk about Namibia (343 Fernando-NY)
(434 Berkholtz-MN)(344 Lindley-AL)

FRANCE

11845 1600 Radio France International: Nx, ID/TC, tlk on Olympic Boycott
during "Paris Calling Africa" pgm (332 Snowden-CA)

15135 0500 RFI: FF DJ w/ mx (544 7/10 Pettit-IA)

15190 1653 RFI: FF jazz pgm, OM ID/QTH @1657 (233 ??? Hall-CA)

15300 1628 RFI: PCA w/ ID (333 7/8 Newton-GA)(222 1731 7/13 Hodsdon-MN)

17720 1620 RFI: Nx & cmtry, pop mx, press review, sports (333 Whetzel-IN)
(333 7/18 Sanderson-AZ)(excellent 7/4 Holland-NY)

17775 0925 RFI:FF nx, ID, DW QRM (excellent 7/4 Holland-NY) -NY

17795 0937 RFI: Nx,IS, "Ici Paris, Cooperation Radio Phonique" (exc Holland)

17845 1900 RFI: FF mixing w/ WYFR, but France overpowered. Beamed 162 degrees
to Central Africa. ID & nx (433-111 7/17 Cereghin-MD)

17850 0435 RFI: FF mx, tlk by 2 OM // 17865 & 17800 (444 7/10 Blaize-LA)
(good 1045 Holland-NY) "PCA" w/ frequent QSB (232 Audette-MA)

17865 1232 RFI: FF OM tlk behind mx (243 Hall-CA)(excellent *1055 Holland)

21515 1625 RFI: "PCA" report on Olympics (544 Schroeder-WI)(444 Johnson-IL)

21520 1615 RFI: "PCA ID, pgm on French history (344 Lindley-AL)(Stone-ONT)

21580 2115 RFI: FF OM w/ jazz mx // 21520 though sked calls for 21515.
Probably moved to avoid Moscow (443 7/31 Earhart-PA) EE "PCA"
(433 7/15 Newton-GA)(344 Miller-CA)(544 1640 Schroeder-WI)

21595 1623 RFI: "PCA" "P.O. Box 9516" (343 7/27 Audette-MA)

21620 1619 RFI: "Paris Calling Africa" (544 7/15 Stroh-IL)

21645 1542 RFI: FF mx // 21580 & 21595 (fair-poor ??? Berkholtz-MN)

21705 1600 RFI: "Paris Calling Africa" (555 Stroh-IL) Details please...rmf.

25900 1610 RFI: "PCA" African news program (333 7/27 Maise-LA)

GERMAN DEMOCRATIC REPUBLIC

9730 0130 Radio Berlin International: IS, ID, YL nx on S. African racism
(222 Hodsdon-MN)(233 0214 7/29 Hall-CA)

11840 7777 RBI: EE World nx (333 7/22 Sanderson-AZ)(322 0244 Lindley-AL)
(433 0240 8/3 Audette-MA)(333 0230 7/21 Kopriva-CA)

11890 0240 RBI: Nx, ID, mx, cmtry (434 7/25 Huffaker-MEXICO)

11960 0315 RBI: GG IS, ID, nx (222 7/25 Cereghin-MD)

11975 0231 RBI: Nx, ID, TC/freq, pop mx (332 Smith-FL)(343 8/4 Fournier-VA)
(454 7/14 Earhart-PA)

15240 1330 RBI: YL w/ nx (322 7/8 Newton-GA)(333 7/19 Zilmer-NM)

17845 1355 RBI: Pop mx selections, ID (excellent 7/4 Holland-NY)

21464 1300 RBI: EE nx // 21540 (222 7/26 Zilmer-NM)

21540 1300 RBI: Nx, cmtry, Olympic Report, Freqs, sked, & address
(322 7/27 Zilmer-NM)

GERMAN FEDERAL REPUBLIC

7285 0125 Deutsche Welle: OM world nx, cmtry on power struggle in Iran, ID, "Roundabout" // 7210 (232 7/24 Audette-MA)
 9650 0538 DW: World news (333 7/19 Sanderson-AZ)
 11850 1000 DW: OM w/ Olympic review, GG mx, TC (232 8/1 Audette-MA)
 11905 0530 DW: Nx pgm & "Current Affairs Magazine" HCJB QRM (434 Silva-CA)
 17715 0910 DW: Pushto nx, ID, freq, 0915* (excellent 7/4 Holland-NY)
 I believe this was the language you heard.....rmf.
 17780 *0930 DW: IS, ID, NA, nx, "Panorama" // 17800 (excellent Holland-NY)
 17875 1100 DW: Pop/rock mx, Moscow QRM (good 7/4 Holland-NY)
 21600 1805* DW: Closing to E. Africa w/ ID & sked (454 8/2 Earhart-PA)

GREECE

9515 0340 Voice of Greece: ID, nx, Greek TC/ID (333 7/3 Smith-FL)
 11730 0330 VOG: "This is Athens, the Voice of Greece", nx into Greek @0350 (433 7/18 Kopriva-CA)(333 Lindley-AL)(333 Sanderson-AZ)
 Greek mx program (544 0230 8/4 Miller-CA)
 11860 *1902 VOG: Greek anthem, OM nx, mx, EE @1920 (433 7/4 Westbrook-FRG)
 15205 0440 Voice of America Kavala: "Breakfast Show" (444 7/6 Eddie-MO)

HUNGARY

6025 2002 Radio Budapest: World nx, Olympic results. bad QRM - // 7165 much better (233 7/27 Westbrook-FRG) McLean-NY)
 9835 0124* R. Budapest: YL interviewing OM w/ Energy-saving ideas (433 8/6 (443 0030 7/16 Smith-FL)
 11910 0111 R. Budapest: OM nx // 15220, 17710 (534 7/29 Hall-CA)
 15220 0200 R. Budapest: Nx, Olympic highlights (342 7/28 Rust-OR)(523 8/1 Heyman-NY)(333 Sanderson-AZ)(433 Audette-MA)
 17710 0100 R. Budapest: Olympic news (555 7/29 Stone-ONT)(444 Silva-CA) (excellent Holland-NY)(544 Lindley-AL)(444 Kopriva-CA)(433 7/13 Byron-NY)(333 Hodsdon-MN)(444 Berkholtz-MN)(454 Huddleston-TX)
 17785 0126 R. Budapest: Sports - QRM noted (333 7/15 Berkholtz-MN) Details?

ITALY

9575 0119 Radiotelevisione Italiana: S/off w/ID (222 7/11 Moman-ALB)
 11800 *0100 RAI: YL ID, QTH, nx (434 7/8 Heyman-NY)(454 Earhart-PA)(444 Lindley-AL)(454 Thompson-NM)(333 Kopriva-CA)(433 Blaize-LA) (544 Hall-CA)(322 Whetzel-IN)
 21560 1833 RAI: Italian IS, YL IDs, Nanthem, S/on (344 7/29 Hall-CA)

LUXEMBOURG

6090 0130 Radio Luxembourg: Usual pgm, slop from DW (222 7/31 Conover-KY) (343 0000 7/13 Fernando-NY)(343 0101 8/1 Audette-MA)
 15350 2205 R. Luxembourg: FF OM announcer w/ pop, New Wave mx, jingle ID (433 8/6 Worman-WI)(333 8/3 Hackney-TN)(434 8/6 McLean-NY)

MALTA

6100 *0119 DW Relay: IS, S/on, site ID into nx (453 7/29 D'Angelo-PA)
 9565 0137 DW: ID, OM tlk on Martin Luther, nx, "Current Affairs", 0150* (333 Hodsdon-MN)(444 Kopriva-CA)(333 Moman-ALB)(333 Berkholtz)
 XM: "Malta Calling" requesting letters, choral mx, report on relations with Libya (232 Huddleston-TX)(333 7/19 Audette-MA)
 11865 0120 DW: IS, ID, world nx (455 Lindley-AL)(455 Wolan-OH)(533 Hall-CA)
 15105 *0120 DW: World nx (445 Johnson-IL)(344 Lindley-AL)(444 Traver-CA) (454 Thompson-NM)(444 Kopriva-CA)(555 Somers-CA)(433 Hodsdon-MN) (333 Getzel-CA)(555 Van Beurden)(444 McLean-NY)
 30210 2256 DW: PP good signal 8/2 2256 at same time 30820 and 29295 were in, making it seem likely from same site, tho listings indicate three different ones; 15105 supposedly Malta after 2300 for Spanish (Hauser-TN)
 (15235) 0220* DW: End Xmission to S. Asia // 7210, 7285, 9690, 11945 (0120 - 0220) (333 8/4 Hackney-TN) Sorry, this one is Federal Germany but got mixed in with Malta loggings.....rmf.

MONACO

9495 0621 Trans World Radio Monte Carlo: IS, s/on, sked followed by Christian pgm (444 7/29 Farmer-TN)(434 7/28 Westbrook-FGR)

NETHERLANDS STARTS NEXT PAGE.....

NETHERLANDS

15380 2250 Radio Nederland: SS sounded like DX pgm. Gave addresses of
LAm radio stations, U.S. 50's pop mx. Dutch ID (454 7/4 Fraser)
17605 *1830 R. Nederland: Nx, DX Jukebox - Fritz's last show! (sob!
sniffle!) - we'll miss him! (444 7/31 Pettit-IA)(454 Eddie-MO)
(445 Johnson-IL)(322 1340 Forbes-TX)(444 Lindley-AL) Dutch pgm
(242 1750 7/14 Berkholtz-MN)

NORWAY

9610 0200 Radio Norway: "Norway This Week" w/ report on oil strike (333
7/21 Sanderson-AZ) covered by RSA on 9610 (311 7/7 Moman-ALB)
Norwegian cmtry (333 0147 7/15 Berkholtz-MN)
15175 2216 R. Norway: EE OM DJ w/Norwegian mx (444 7/27 Newton-GA)(243 8/3
Hall-CA)(444 Audette-MA)(333 7/28 Lindley-AL)
15345 2200 R. Norway: Tlk on jazz festival (433 8/3 Aucoin-LA)(333 8/5 Hall)
(Norwegian 333 2100 8/3 Hackney-TN)
17795 2200 R. Norway: "News and Views", report on Arctic fisheries // 15345
- very poor (454 7/13 Fraser-MA)
17840 1400 R. Norway: Northern Report w/ cmtry on Houston, Texas (443 7/6
Farmer-TN)(good 1400 7/4 Holland-NY)
21730 1355 R. Norway: Mx, EE ID @1400, nx by YL (343 Forbes-TX)(Berkholtz)

POLAND

7270 0217 Radio Polonia: Olympic Report (222 7/22 Cereghin-MD)
9525 0215 R. Polonia: Tlk on Polish University, folk mx, ID (333 Smith-FL)
(343 Sanderson-AZ)(222 RSA QRM Cereghin-MD) Polish nx (Berkholtz)
11815 0211 R. Polonia: OM nx, review of Polish press // 9525, 7270, 7145
(433 8/5 Fournier-VA)(333 7/28 Moon-CA)(322 Lindley-AL)(444 7/28
Cucura-PA)(333 Cereghin-MD)(333 Farmer-TN)(433 Kopriva-CA)
15120 0203 R. Polonia: North American sve w/ YL nx/cmtry (333 7/29 Hall-CA)
(333 Huddleston-TX)(444 Smith-FL)(333 Berkholtz-MN)

PORTUGAL

9575 0520 Radio Portugal: Pgm on Portuguese Monarchy, ID, mx (433 7/31
Audette-MA)(533 7/12 Moman-ALB)(533 Hall-CA)(PP 0340 Berkholtz)
11925 0505 R. Portugal: OM nx (322 7/27 Traver-CA)(433 7/29 Hall-CA)(433 7/28
Cucura-PA)(333 Cereghin-MD)(343 Rust-OR)(444 Silva-CA)(353 0316
Earhart-PA) PP pgm (455 7/17 Rocha-CA)
15125 *0300 R. Portugal: "Report from Portugal" concerning the environment &
industry (333 7/21 Burgess-SASK)(454 Rocha-CA)(444 Hackney-TN)
(544 Cucura-PA)(333 Sanderson-AZ)(433 Kopriva-CA)(444 Audette)
(454 Thompson-NM)(555 Johnson-IL)(343 Traver-CA)(544 Lindley-AL)
(333 2040 8/3 Fournier-VA)
15180 2200 Radio Japan Sines Relay: Freq/sked., nx, cmtry (333 Zilmer-NM)
15255 0351 Radio Free Europe (per August SPEEDX Station Skeds...rmf):
Czech cmtry (333 7/21 Berkholtz-MN)
15270 2320 RFE: Above jammer OM/YL tlk, mx, 2342* // 15255 (333 Pickard-IL)
15435 *0700 R. Japan Sines: EE nx to 0715 into JJ. Bcst to Eu/ME (343 7/27
Munster-GA)
17735 2130 RFE: Romanian OM/YL alternating (332 Eddie-MO)
21530 1814 R. Portugal: News, ID (544 7/15 Stroh-IL)
21700 1859 R. Portugal: PP mx (232 7/20 Berkholtz-MN)
21720T 2055 RFE: EE tlk on Trade Unions in Czechoslovakia, anti-Soviet news
slants (444 8/1 Korneke-VA) Did you hear an ID????...rmf.

ROMANIA

9570 0400 Radio Bucharest: IS, ID, nx, BBC QRM (343 7/20 Smith-FL)
9690 2108 R. Bucharest: OM nx & cmtry // 7195 heavy QRM (343 Fournier-VA)
weak co-channel QRM de Moscow (433 1920 Westbrook-FGR)
11940 0139 R. Bucharest: Tlk on Soviet-Romanian relations (423 Heyman-NY)
(534 Hall-CA)(333 Sanderson-AZ)(444 Kopriva-CA)(311 Johnson-IL)
(333 Lindley-AL)(332 Forbes-TX)(353 Smith-FL)

SPAIN

7880 0600 Spanish Foreign Radio: Medieval Christian mx, tlk on Jews of
Spanish ancestry. A weird freq - nothing at half or double that
so not a harmonic??? (544 7/6 Pettit-IA) Perhaps a receiver-
produced image - especially w/ RF=2800.....rmf.
9630 0005 SFR: Requests for letters, TC, pgm rundown, nx (433 Thompson-CA)
(Hall)(Lindley)(Kopriva)(Zilmer)(Moman)(Hodsdon)
9765 2136 SFR: Nx, Olympic nx, ID @2149 (333 7/27 D'Angelo-PA) NF?..rmf/
11840 *2010 SFR: YL TC/ID, sked, nx, mx // 9685 (232 7/29 Audette-MA)

SPAIN (Continued)

11880 0140 SFR: YL/OM world nx, ID @0143 (444 Lindley-AL) + a multitude.
11945 0216 SFR: SS OM nx (433 7/26 Korneke-VA)
17890 *2030 SFR: SS OM ID & freqs, nx (433 7/29 Audette-MA)

SWEDEN

11705 0240 Radio Sweden: Panorama, SCDXers (343 6/30 Nebron-CA)+++++++
15290 0230 R. Sweden: Tlk on Sweden's WWII neutrality (454 Earhart-PA)++++
15315 0230 R. Sweden: ID, nx, Panorama, SCDXers (444 Kopriva-CA)(Hauser)++++
15380 2300 R. Sweden: ID, nx, religious discussion (333 Huddleston-TX)++++
17845 1728* R. Sweden: OM w/ s/off ancmnts (444 7/8 Newton-GA)
21615 *1400 R. Sweden: "Panorama" "Stamp Corner" (433 Whetzel-IN)(McLean-NY)
21700 1400 R. Sweden: Nx, "Panorama" // 21615 (322 8/1 Zilmer-NM)

SWITZERLAND

9725 0431 Swiss Radio International: "Dateline" w/ EUR/World nx (533 7/30
Thompson-CA)(Sanderson)(Hackney)(Grenier)(Lindley)(Smith)+++++++
11715 0441 SRI: "Dateline" (444 7/31 Zehr-NV)(Coleman-MA)(Aucoin)(Rust)++++
15305 0145 SRI: OM nx (544 Valentine-CA)(Thompson-NM)(Traver)(Pettit)+++++
21550 *1527 SRI: IS, ID, OM nx (433 Newton-GA)
21570 1313 SRI: IS,TC, nx of Thai border skirmishes (232 Blaize-LA)(Hodsdon)
21585 *1815 SRI: News, Swiss Shortwave Merry-go-Round (333-222 Moman-ALB)

UNION OF SOVIET SOCIALIST REPUBLICS

11720 0316 Radio Moscow: Discussion of Arms Race (353 7/6 Earhart-Pa)
11920 0422 R. Moscow: Cmtry on free medical care in USSR (544 Lindley-AL)
11960 0930 R. Moscow: Non-stop music (good 7/17 Brewer-TN)
15275 0050 R. Kiev: Pgm for Radio Amateurs (343 Van Beurden-CA)(444 Zehr-NV)
2318 R. Vilnius: Lithuanian festival mx, tlk on army officers (444
7/24 Huffaker-MEXICO)(555 7/12 Johnson-IL)
15455 1943 R. Moscow: Music, ID (444 7/11 Beeman-OH)(555 2115 Stone-ONT)
15535 2022 R. Moscow: Closing Olympic speech by Lord Kilannin (444 Fournier)
15540 0530 MAYAK: RR YL tlk, CW QRM (534 7/10 Pettit-IA)
1524 R. Moscow: Cmtry on discrimination of Indians(333 Berkholtz-MN)
15580 2310 R. Vilnius: News (454 8/4 Zehr-NV)
21530 0320 R. Moscow: World Service w/ "Magazine" program (444 7/30 Moon-CA)

VATICAN CITY STATE

6015 0100 Vatican Radio: Mx, reading of John-Paul II's letter (333 Audette)
9605 0115 VR: FF ID, Xmission for Canada (444 7/15 Stone-ONT) EE // 6015 &
11845 (222 0110 8/5 Hall-CA)
9645 0600 VR: II/FF/EE/SS "4 Voices" (433 7/4 Pettit-IA)
11740 0645 VR: report of Papal visit to Brazil (333 7/8 Huddleston-TX)(Hall)
15120 2222 VR: Religious tlk, OM ID, 2225* (433 7/27 Newton-GA)
21585 1100 VR: FF OM nx (444 7/2 Fraser-MA)

END-NOTES

First of all I would like to request that the membership keep Ollie Ellsworth in their prayers. Ollie died on August 9th. Though I never met him in person, I came to realize the fine gentleman and able Managing Editor he was through his letters and directives to me. He will be notably missed.

By permission of the BBC Monitoring Service.....

Listeners in Europe may wish an attempt at logging Radio Leningrad which broadcasts programs for Soviet fishermen (in Russian) on Fridays at 2200-2300 GMT on 9560 & 6200 khz.

Gripe Dept.- A number of problems with the loggings keep occurring. Please be sure of the station you are listing. Make sure you get an ID or sufficient information about program details before jumping to conclusions. I cannot catch all the mistakes and wrong information is of no help to anyone. Please write legibly, particularly when reporting frequencies and times. Include as many details as possible AND cut your loggings into separate strips. Thanks for your cooperation. Sorry I had to cut loggings for this.

IMPORTANT - If you do not receive next month's issue (October) by October 7th then please send EURO loggings to our CDE Editor, Peggy Thompson. Her address is: 2706 Alabama Street, La Crescenta, CA 91214. I will be heading back to school in September and my address will change.

Until next month..... Ralph 8/15/80

SWBC DX

AFRICA

Editor: WAYNE OLIVER
 P.O. Box 355
 Plaistow, NH 03865



FEBA
 Seychelles

Radio Television Kaduna

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

Hope everyone is enjoying some fine DX! Lots of loggings this month...last month's CDE logs were received late, so are included with this month's. Over 75 reporters for August/September...keep them coming guys and gals!!! On to the loggings...just a reminder dates/times are GMT....frequencies are in kilohertz....

ALGERIA

11740 *2000 RTVA: EE nx, mx pgm, ID at 2028 (434 7/4 Westbrook-FRG)
 21635 1950 RTVA: EE pgm at 2000, nx at 2005 (243 7/24 Hall-CA)(McLean-NY)(Farmer-TN)(Huddleston-TX)(Worrel-ND)(Hauser-TN)(Kopriua)
 21725t 0415 RTVA: YL AA tlks, AA mx, no positive ID (222 7/10 Blaize-LA)

ANGOLA

6175 1322 R. Nacional: PP nx by OM, ID (333 6/28 Thompson-CA)
 7245 0426 R. Nacional: PP tlks, nx at 0425, ARO QRM (232 7/25 Cereghin-MD)
 9535 2338 R. Nacional: PP pop ballads, YL tlks, 2345 ID, (333 6/22 Cunningham-OH)(433 8/1 1515 Vern Thompson-CA)(Maise-LA) (352 7/27 2030 PP D'Angelo-PA)
 11955 1300 R. Nacional: PP political tlks, many ID's (333 7/5 Nebron-CA)

ASCENSION ISLAND

6005 0525 BBC-Atlantic Relay: EE African nx (433 7/21 Moon-CA)
 9580 0630 BBC: EE "Jolly Good Show" (454 7/30 Thompson-NM)
 11860 0730 BBC: EE "News of the African World" (353 8/4 Rust-OR)
 15260 0118 BBC: EE to S. America/Falkland Is. (443 8/4 Traver-CA) (Berkholtz-MN)(Whetzel-IN)(Huddleston-TX)
 17880 1600 BBC: EE ID, world nx (353 6/14 Huddleston-Texas)
 21550 1623 BBC: EE news and talks (343 7/15 Stroh-Illinois)

BENIN

4870 0440 ORTB: FF tlks, drums/chants (322 7/21 Moon-CA)(Hall-CA) (Greenwood-PA)

BOTSWANA

4845 0410 Radio Botswana: EE/Setswana tlks, 0500 ID, EE nx (322 7/31 Cucura-PA)

CAMEROON

4000 0500 Radio Bafoussam: EE ID at 0500, nx (222 7/19 Lentz-PA)
 4850 0505 Radio Yaounde: FF nx, ID, EE nx at 0520 (343 6/7 Faccioli)
 5010 0455 Radio Garoua: Afro mx, FF OM, EE nx at 0504 (243 6/13 Huddleston-TX)(Bickel-CA)(Thompson-CA)(Calver-UK)
 9745 2359* Radio Yaounde: Clear after Iraq s/off, FF tlks, NA, s/off (343 6/23 D'Angelo-PA)

EGYPT

9475 0200 Radio Cairo: EE YL cmnty on Palestine (222 6/29 McSkimming-CA) (Wampler-VA)(Schroeder-WI)(Moon-CA)(Kopriva-CA)
 9805 2215 Radio Cairo: EE feature programs (322 7/27 Pyatt-GA)(Newton)
 12050 0209 Radio Cairo: EE pgms (T. Hall-CA)(Berkholtz-MN)(Miller-CA) (Hodson-MN)(Sanderson-AZ)
 15375 0204 RC: AA chants (333 8/4 Traver-CA)(Berkholtz-MN)
 17670 1849 Radio Cairo: AA tlks by Sadat to Parliament (??? 6/9 Hill-VA) (131 7/9 1900 AA Beeman-OH)

Hope everyone had a good time at ANARC '80!!!

GABON
4777t 0520 RTVG: FF OM tlkks, under heavy QRN (322 7/21 Famularo-CA)
(444 7/6 0001 FF Cucura-PA)
15250t 1800 Africa #1: Abrupt s/on and off without any anns (434 6/14/15 &
16 Faccioli-URUGUAY)

GHANA
4915 0608 GBC: EE OM nxcast (233 7/31 T. Hall-California)

GUINEA
9650 0646 La Voix de la Rev.: FF tlks, afro vocals, ID //to slightly
worse 15308 (6/17 Radcliff-IL)

IVORY COAST
4940 0610 Radio Abidjan: FF pgms, afro mx (7/31 ???-CA)(333 7/6 2339
FF Cunningham-OH)(343 7/27 2326 FF Cucura-PA)

KENYA
4915 0300 Voice of Kenya: Swahili tlks,mx, cmnty, nx (343 6/20 Faccioli)
4804 2021 VOK: Continuous afro mx (342 7/6 Calver-UK)

LIBERIA
3255t *0455 ELBC: Drum IS, NA, mention of 41mb freq, could not make out
ID (weak 8/3 Brewer-TN)
4765 2034 ELWA: EE rlg tunes, severe QRN (353 6/7 Calver-United Kingdom)
7175 0715 VOA: FF pgms, OM ann, EE ID at 0730* (242 7/8 Huddleston-TX)
(444 7/21 0635 FF Moon-CA)
11830 0706 ELWA: EE Rlg pgms, ID, into Lang pgm at 0729 (7/13 Westbrook)
11860t 1858 ELWA: IS, no ID heard, into listed Ibo (122 7/28 Heyman-NY)
11930 *0630 ELWA: IS, tlks in vern, mx (422 7/10 Pettit-IA)(T. HALL-CA)
17870A 1930 VOA: EE w/"Press Conference U.S.A." (333 7/26 Whetzel-IN) ???

LIBYA
11825 0030 SPLAJBC: AA tlks,vocals, instrumentals (454 8/2 Thompson-NM)
(454 8/8 0124 AA Raymond-MA)(545 8/2 0210 AA Korneke-VA)
17930 1540 SPLAJBC: AA pgms, chants //15425/15435 (233 8/3 T. Hall-CA)
(good 7/4 1345AA Holland-NY)(254 7/20 1600 AA Flynn-CA)
(454 7/7 1600 AA Lentz-PA)

MADAGASCAR...misplaced my new RN sked...sites not verified...wlo.....
3290 0315 Radio Malagasy: Distinctive afro mx, EE ID at 0330, then FF
tlks until 0345 fade out (222 8/8 Greenwood-PA)
11735 1432 Radio Nederland: EE "Happy Station" (222 7/27 Grenier-CA)
15220 1840 Radio Nederland: EE political commentary (332 7/26 Farmer-TN)
(422 6/22 2100 EE Forbes-TX) //21640B much better at this time
17695 *2030 Radio Nederland: EENx, ID, cmnty (343 7/22 Bickel-CA)
17810 0945 Radio Nederland: Indo pgm, EZL mx (exc 7/4 Holland-NY)
21480 1450 Radio Nederland: EE "DX Jukebox" in Asian Service (333 6/5
Van Beurden-CA)(533 7/2 *1700 DD Thompson-CA)

MALAWI
3380 0448 MBC: Afro mx, chanting, EE ID, TC (good 6/24 ????) .

MALI
11960 1758 RNM: OM w/FF military advs, ID at 1800 Ici Bamako.... (322
6/2 Faccioli-URUGUAY)

MAURITANIA
4845 0607 RNM: AA tlks, chants (good 7/29 Holland-NY)(242 7/23 0610 AA
Huddleston-TX)(333 7/25 2315 AA Cereghin-MD)(Cucura-PA)
9610 0649 RNM: FF ID "Ici Nouakchott, station de la...Mauritanie"
(222 6/22 Faccioli-URUGUAY)

MOROCCO
15245 0415 VOA: "Stranger in Paradise" AA tlks (544 6/15 Byron-NY) ?

MOZAMBIQUE
3280 0348 RCM: Vern OM tlks, afro and local mx (353 7/31 Cucura-PA)
(333 8/9 0355 Vern Oliver-NH)
4865 *0355 RCM: IS, ID's in PP/EE/FF/Swahili, External Service IDs
(444 6/10 Faccioli-URUGUAY)
4925 2026 RCM: ??? lang, PP?,mx, chants, more tlks (433 6/7 Calver-
UNITED KINGDOM)

NIGERIA

4770 0510 FRC Kaduna: Long EE tlk by OM on Muslims, afro rlg song into pop mx at 0529, ID's (433 7/4 0510 Cunningham-OHIO)
 4990 *0430 FRC Lagos: Vern HS, IS (211 7/8 Pettit-Iowa)
 5965 0448 Plateau Broadcasting Corp: EE/Vern, OM anns, local nx, Id at 0529 (243 7/30 S. Hall-CA)
 6050t 0503 FRC Ibadan: OM in EE w/african nx items, mentions of Nigeria no ID though, horrible QRN (Radcliff-IL)
 7255 0535 Voice of Nigeria: EE OM world nx, IDs, TC's (422 7/14 Thompson CA)(333 8/4 0510 EE Moon-CA)
 11770 2059 VON: EE ID, TC by OM as 10 PM Nigerian time (222 7/18 Lentz)
 15120 0610 VON: EE pgm of Nigerian music (233 8/5 T. Hall-CA)(333 7/29 0604 EE Farmer-TN)(242 6/24 0605 EE VanBeurden-CA)(433 7/13 0627 EE Westbrook-Federal Republic of Germany)

RWANDA

6055 *0400 Radio Rwanda: YL vern Station ID (434 6/22 McSkimming-CA)
 9695 0131 DW: IS, EE OM ID's, nx (544 8/5 T. Hall-CA)
 15410 0115 DW: Vocals, mx, GG Tlks, ID 0150* (454 7/30 Thompson-NM)
 21600 1715 DW: World nx, EE ID's "Window of the World" (Whetzel-IN)
 30820h 2255 DW: GG on 8/2 on 2 x 15410, which I always thought to be Rwanda, but in at same time as DW/BBC on 29295 and 30210. Since these were the only harmonics audihle at the time above 29 MHz, it would seem likely, though not positively that they are at the same site. Trouble is, three different ones are listed but recent info not available (Hauser-TN)

SEYCHELLES

11855 1320 FEBA: EE/?? tlks, mx w/drums, EE ID at 1330 (343 7/27 Flynn-CA)
 11860 1636 FEBA: IS, severe QRM/QRN (222 8/3 T. Hall-CA)
 15180 *1800 FEBA: Swahili ID after IS, (544 6/15 Faccioli-URUGUAY)
 15325 *1520 FEBA: IS to *1520, EE s/on (322 6/17 Thompson-CA)(242 7/22 1515 EE Van Beurden-CA)
 15400 0310 FEBA: Farsi rlg pgms (322 7/30 Pyatt-GA)(333 6/20 0308 Farsi Binau-MD)(454 7/20 *0343 ??? D'Angelo-PA)(0405 7/15 Farsi Thompson-NM)

SIERRA LEONE

5980 0705 SLBC: EE BBC nx, //(6175 BBCWS), EE OM ID (332 7/? Famularo) (333 7/29 0557 EE Farmer-TN)(333 6/6 0735 EE Faccioli-URU.)

SOUTH AFRICA

3250 0120 SABC: Afrikaans pgm, MOR mx, very poor signal (222 7/30 Blaize-LA)(222 7/31 0113 Afrikaans Conover-KY)
 4835 0445 SABC: EE world nx, cmnty (443 7/16 Rocha-CA)
 4880 0435 SABC: Afrikaans nx, tlks (444 7/21 Moon-CA)(333 7/19 0429 AK Lentz-PA)(543 7/14 0513 AK Thompson-CA)(444 6/16 0435 AK McSkimming-CA)
 4990 0308 Radio RSA: EE news (2343 6/4 Moman-ALBERTA)(222 6/30 0309 EE Bickel-California)
 5980 0200 Radio RSA: EE nx, "South African Panorama" (454 8/2 Rust-OR) (Blaize-WI)(Earhart-PA)(B. Miller-CA)(VanBeurden-CA)(Mc-Skimming-CA)(Moon-CA)(Kopriva-CA)(Nebron-CA)
 7270 0400 Radio RSA: EE "Economic Review" (322 8/2 Rust-OR)(VanBeurden-CA)(McSkimming-CA)(Grenier-CA)(Moon-CA)
 9585 0200 Radio RSA: EE tlks on Egypt/Libya, Ugandan killings (322 6/17 Blaize-LA)(1455 FF Miller-CA)(Conover-KY)(*1500 Lozi Thompson-CA)(Schroeder-WI)
 9610 *0158 Radio RSA: EE s/on, Mailbag (444 8/6 Thompson-NM)(T.Hall-CA) (Sanderson-AZ)(Oliver-NH)(Snowden-CA)(Grenier-CA)
 15220 0604 Radio RSA: OM EE tlks on shipping (343 8/3 Traver-CA) (242 6/31 1535 EE Beeman-OH)(433 7/21 1322 EE Newton-GA)
 17780 0600 Radio RSA: EE news, commentary (444 8/5 Rust-OR)(1847 GG Berkholtz-MN)(B. Miller-CA)(Kopriva-CA)
 21535 1752 Radio RSA: EE ID into GG pgm (333 7/7/ Farmer-TN)(1100 EE B. Miller-CA)(1420 EE Forbes-TX)
 25790 1430 Radio RSA: EE commentary, orcestral mx, economic nx, TC's, Freqs "Africa Today" pgm (353 8/6 Thompson-NM)(333 7/6 1410 EE Forbes-TX)(544 7/21 1500 EE "Africa Today" RJ Coleman-MA)

THANKS TO ALL WHO CUT THEIR LOGS!!!

SWAZILAND

5950 0430 Trans World Radio: GG rlg sermon, YL ID at 0445 (222 6/17
McSkimming-CA)(333 7/21 0455 EE Moon-CA)

TANZANIA

4785 0258 Radio Tanzania: IS, Swahili ID, chants (242 8/6 Raymond-MA)
15435 1820 Radio Tanzania: EE/AA pgm, EE ID at 1825 (222 7/25 S. Hall-
CA)

TOGO

5047 *0525 RTT: Clear 7 tone chime IS, NA, FF presumed ID but not intell-
igible, choral mx at 0530 (252 7/30 Munster-GA)(Famularo-
CA)(Hill-VA)(Holland-NY)(Bickel-CA)(Moman-ALBERTA)(Moon-CA)
(Huddleston-TX)(Calver-UK)(Pettit-IA)(Farmer-TN)

TUNISIA

7225 2300 RTT: AA IS, ID, nx at 2300, ARO QRM (222 7/22 Cereghin-
MD)

UGANDA

5027 2040 Radio Uganda: EE political nx, local mx (352 7/7 CALVER- UK)
15250 1750 Radio Uganda: EE nx, ID "This is the External Service of
Radio Uganda" pop mx 1855* w/NA (444 6/13 Faccioli-Uruguay)
15325 0300 Radio Uganda: EE pgm, music (433 4/2 Kern-CA)

ZAMBIA

4911m 2124 Radio Zambia: OM w/vern tribal chants in background (353
7/12 Calver-United Kingdom)(322 6/4 0312 EE/Vern Faccioli-
Uruguay)

ZIMBABWE

4765 0435 ZBC-A Voz da Africa Livre: PP/vern tlks, 0455* w/ID as
"Acabaron de escutar a voz da Africa Livre..." (343 6/5
Faccioli-Uruguay)

CLANDESTINE

15555 *1705 Radio Vatan: IS, OM w/Farsi ID & freqs, many mentions of ex-
Shah, Billy Carter etc (343 7/28 Kegel-MD)(Hauser-TN)

AFRICAN DRUMBEAT

From SPEEDX'er Mike Hardester who is currently in California, comes the following bit of info...On a QSL Mike received from the Voice of Kenya the station informed Mike that Mombasa only has a MW transmitter and SW transmitters are located at Langala near Nairobi...perhaps not all SW but 4934 kHz is definetly from Langala...tnx Mike for the info....wlo

The following items appear courtesy of the BBC Monitoring Service and cannot be used/reproduces without the permission of the BBCMS:
LIBERIA: Observation on July 1 showed that ELWA (Eternal Love Winning Africa) run by the Sudan Interior Mission- continues to broadcast on 711 kHz but also announced a shortwave outlet on 6135 kHz. These transmissions are in English for Monrovia and the surrounding areas....ZIMBABWE: The Zimbabwe Broadcasting Corporation on 25th June broadcast the reomendations of the British Broadcasting Corporation report for the future of the ZBC. The prime requirement was that Zimbabwe's National Broadcasting Setvice be independent of government, party political, commercial and other pressures, The ZBC should serve all the Zimbabwean people, Shona and Ndebele, black and white, rural and urban. The BBC report also recommended that television fees be doubled from 20 to 40 dällars in two years time and radio raised from five to seven dollars.....Observations on July 1st confirmed that ZBC began broadcasting its new "Radio One" service as previously announced. The transmission opened at 0325 on 3396 kHz with the announcement: "This is the Zimbabwe Broadcasting Corporation, Radio One". The first program, a religous program, was followed by the "Bright and Early Show" Ten minute news summaries were broadcast at 0400 and 0500. The 0400 news carried an item which said "The ZBC today becomes the voice of the working people with the introduction of Radio One and Radio Two. A new series of people oriented programs begin today on both services, which are designed to reflect the intetests of all the people. Radio Montrose and Mtwakazi have been abolished.....BBCMS

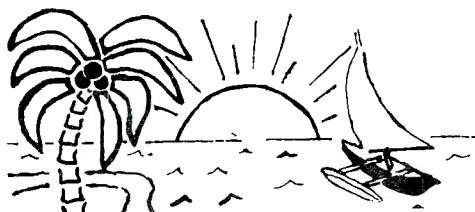
ASIA-OCEANIA

EDITOR:

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

0000=sign on 0000=sign off



ASIA

AFGHANISTAN

4740 1925 R. Afghanistan: EE OM w/ political nx (353 7/6 Calver-ENG)
15075 1900 RA: EE w/ ID by OM, gave local + GMT time (233 7/17 Lentz-PA)(Schroeder-WI)

CHINA

3400 1134 FFS 2: CC w/ YL singing pop mx (333 7/4 Lattemann-WA)
4380t 1110 FFS 2: CC typical CC singing (222 7/30 Blaize-LA)
4759 2255 Kunning: CC tlk (222 6/27 Constantinides-S. AFRICA)
5020 1234 Nanchang: CC pgm w/ CC songs (333 7/29 Hall-CA)
5880 1345 R. Peking: Lang. tlk by OM (122 7/18 Getzel-NY)
5950 1400 Heilongjiang: CC mx, tlk by YL, people laughing (333 7/18 Getzel-CA)
6000t 1145 FFS 2: CC songs w/ CC tlk, whiny singing (222 7/30 Blaize-LA)
6520 1302 RP: EE w/ nx by YL, // 15280 (233 7/29 Hall-CA)
7140 *1500 RP: RR IS, "Govorit Peking", YL tlk (132 7/21 Famularo-CA)
8566 1213 Beijing: Huhhot OM/YL w/ cmtly (?? 7/29 Hall-CA)
9020 1507 RP: CC OM anncr w/ mx, YL anncr @ 1515 w/ folk vocals (444 7/31 Thompson-CA)
9080 1104 Beijing 1: CC tlk by OM, much QRN w/ jammer (534 7/27 Miller-CA)
9725 1300 RP: RR IS, ID, into RR, jammed (332 7/25 Zilmer-NM) Hmm, why would they jam?
11290 1120 RP: CC w/ lite oriental mx, YL tlk, // 11330 (454 7/29 Van Beurden-CA)(353 Thompson-CA)
11600 2040 RP: EE mx, cmtly on Viet. policies, travelogue feature, CC records inbetween (333 7/4 Westbrook-FRG)
15030 2346 RP: CC w/ YL singing (252 8/3 Smith-CA)
15045 2350 RP: CC w/ YL tlk, sounds like jamming, why bother? (322 8/3 Smith-CA) My feelings exactly, Traver..... jwm
15120 1642 RP: EE mx, rpt. on cancer research (232 7/13 Silva-CA)(Smith-CA)(Flynn-CA)(Famularo-CA)(Earnart-PA)
15165 1130 RP: SS IS, IS, nx (333 7/15 Smith-FL)(Hall-CA)
15520 1230 RP: EE rpt. on CC cartoonist, 1258* (443 6/24 Huddleston-TX)(Huffaker-MEXICO)(Hall-CA)(Hodsdon-MN)(Newton-CA)
15600 1000 RP: Lang. w/ local nx, news of Vietnam/Cambodia (good 7/5 Holland-NY)(Smith)
15790 1500 V. of the Malay Rev.: EE summary, cmtly on the rev. in CC (454 7/26 Van Beurden-CA)(Miller-CA)(Brewer-TN)
17650 0030 RP: SS CC mx, ancmnt by OM (253 7/21 Famularo-CA)(Hall-CA)(Getzel-CA)
17680 0315 RP: EE cmtly on Vietnam situation (333 7/18 Sanderson-AZ)
17700 0900 RP: EE w/ CC mx, ID (good 7/4 Holland-NY)
17855 0100 RP: EE IS, ID, nx, CC mx, cmtly on Africa, "Listener's Letterbox" (433 7/7 Kopriva-CA)(Hall-CA)(Stone-ONT)(Silva-CA)(Bickel-CA)(Earnhart-PA)(Berkholtz-MN)

RADIO AFGHANISTAN

CYPRUS

7230 2215 CBC: Greek nx, story (433 7/5 Constantinides-S. AFRICA)
11955 *1600 BBC relay: EE w/ s/on by OM, YL ID/TC, wld. svce. nx (433 7/10 Thompson-CA)
15420 0429 BBC relay: EE w/ radio play, // 15280 (333 7/14 Berkholtz-MN)(Hall-CA)

INDIA

11620 2108 AIR: EE YL w/ nx, AA mx, distorted (333 7/9 Newton-CA)(Moman-ALB)(Fraser-MA)
15335 1336 AIR: EE wld. nx, ID @ 1340, cmtly on Pakistan, Indian mx (333 7/18 Rocha-CA)
17870 1008 AIR: EE nx to 1008, cmtly (333 7/3 O'Brien-AUS)

INDONESIA

3215t 1037 RRI Menado: Lang. w/ OM/YL tlk, instrumental mx, interludes, more tlk (333 7/4 Lattemann-WA)
3215t 1125 RRI Ujung Pandang: Indo mx, // 4719, very poor (212 7/30 Blaize-LA)

INDONESIA (continued)

- 3427 1137 RRI Manokwari: Indo YL anncr w/ tlk, C&W vocals w/ EE lyrics, good signal (433 7/4 Lattemann-WA)
 4753 2235 RRI Ujung Pandang: Indo nx (434 6/27 Constantinides-S. AFRICA)
 5885t 1350 RRI Pekanbaru: Lang. w/ constant mx (222 7/18 Getzel-CA)
 6045 2340 V. of Indonesia: Indo nx (444 7/5 Constantinides-S. AFRICA)
 6207 1053 RRI Biak: Indo pop mx, into AA-like walls @ 1056, ID by OM @ 1100, YL nx which was not // 4719 UP, new freq. (332 w/ QRN 7/8 Lowe-TN)
 11790 1215 VOI: Indo w/ mostly OM/YL tlk, piano mx, vocals (444 7/16 Thompson-NM)(322 Smith-CA)(Hardester-CA)(Van Beurden-CA)(Kopriva-CA)(Zilmer-NM)(Grenier-CA)
 15200 1450 VOI: EE w/ South Seas mx, nx, ID (322 7/6 Forbes-TX)(Grenier-CA)

IRAN

- 9022 2318 VOIRI: Lang. w/ AA mx, YL ID, tlk by OM @ 2330 (544 7/14 Newton-GA)
 15084 2247 VOIRI: Farsi speech w/ excited speaker, ments of the word "Islam" (323 7/22 Burgess-SASK)(Holland-NY)(Cereghin-MD)(Bickel-CA)(Smith-FL)(Pettit-IA)(353 Earhart-PA)(Thompson-NM)(Newton-GA)

IRAQ

- 9745 2136 R. Baghdad: EE OM w/ nx, ID, AA mx, econ. pgm (353 7/27 Cucura-PA)(Farmer-TN)(Moman-ALB)(Newton-GA)

ISRAEL

- 9815 0204 Kol Israel: EE nx by OM, ID, more nx, mx, "TGIF" w/ a Jewish Poet (544 8/1 Heyman-NY)(Hall-CA)(Kopriva-CA)(Fournier-VA)
 11610 2000 KI: EE nx to 2010, then "TGIF", into FF @ 2030 (433 7/25 Kowalski-WI)(343 Audette-MA)(Newton-GA)
 11637 0058 KI: EE IS, pips, ID's, TC, nx from Israel, mx, tlk on the Bible (454 8/1 Thompson-NM)(Hall-CA)(Lambert-IL)(Byron-NY)(Grenier-CA)(Newton-GA)(544 Schroeder-WI)(Earhart-PA)(Hauser-TN)
 15105 0502 KI: EE nx by YL, ID, wx, editorial, // 15584, 11637 (343 7/31 Audette-MA)(233 Hall-CA)
 15200 *0258 KI: Hebrew w/ "Reshet Bet" pgm, IS, jammed during 0400-0430 pgm (454 8/3 Munster-GA)(Levin-NJ)
 15584 0500 KI: EE nx, review of editorials from Israeli papers (252 7/28 Rust-OR)(454 Thompson-NM)(Earhart-PA)(Sanderson-AZ)(Holland-NY)(Smith-CA)(Audette-MA)(443 Levin-NJ)(Berkholtz-MN)(Kopriva-CA)
 17630 2154 KI: Hebrew w/ short story, Midnight nx roundup (444 8/6 Levin-NJ)(Blaiuze-IA)(Stroh-IL)(Hewton-GA)
 17685 *2000 KI: EE nx, "TGIF", to Africa (232 8/1 Munster-GA)
 17815 2005 KI: EE nx by OM: "Candidate John Anderson visits Israel", // 21675, 17685, 21495 (444 7/8 Fournier-VA)(Audette-MA)(Nebron-CA)(Maise-IA)
 21710 0102 KI: EE w/ nx of the ME (454 7/13 Somers-CA)(Forbes-TX)(Berkholtz-MN)

JAPAN

- 3910 1238 FEN: EE w/ C&W mx pgm, hit parade, OM anncr (443 8/7 Rocha-CA)
 9505 1807 R. Japan: EE OM w/ nx to 1810, cmty on JJ politics, into JJ @ 1815 (343 7/15 Lucas-CA)(Earhart-PA)(Newton-GA)(Berkholtz-MN)(Lambert-IL)(Miller-CA)(323 Smith-FL)(Clark-KS)(Van Beurden-CA)(Kopriva-CA)(Grenier-CA)(Pyatt-GA)
 9530 1008 RJ: JJ mx, YL/OM in animated tlk, mx, lots of gongs (322 7/9 Smith-FL)
 9675 1245 RJ: EE OM w/ cooking lesson, mx, editorial, cmty (232 8/3 Farmer-TN)
 11705 1102 RJ: SS tlk by YL/OM, mx, ID @ 1130, to SAM (544 7/12 Miller-CA)
 11815 1700 RJ: EE ID, freqs. given, nx, "Current Topics", into JJ @ 1715 (333 7/4 Kopriva-CA)
 11855 1845 RJ: EE w/ nx by OM (343 7/27 Smith-CA) **Radio Japan**
 11875 0950 RJ: EE nx, mx, new broadcast to Australia (333 7/26 Korneke-VA)
 15270 0700 RJ: EE OM w/ nx and "Current Topics" (252 7/30 Rust-OR)(Somers-CA)(Pettit-IA)
 15310 *1800 RJ: EE ID, nx, cmty (352 7/16 Stroh-IL)(Pettit-IA)(Zehr-NV)(Audette-MA)(333 Berkholtz-MN)(Wetzel-IN)
 15435 1900 RJ: EE ID, nx, rpt. on death of Ohira (343 7/8 Huddleston-TX)
 17755 2207 RJ: EE wld. nx by OM, ID, cmty on the Socialist Party (232 7/26 Audette-MA)(444 Sanderson-AZ)
 21610 0800 RJ: EE nx, ID, to Europe (343 7/21 Huffaker-MEXICO)
 21640 0136 RJ: EE nx abt. JJ's recognition of the Palestinian state (222 7/20 Getzel-CA)(Berkholtz-MN)

KAMPUCHEA

- 9694 1204 VOKP: EE w/ Asian mx, cmty by YL on CC/American subversion in Indochina, ID @ 1215, into FF (333 8/1 Rocha-CA)(Van Beurden-CA)
 11938 *1200 VOKP: EE nx w/ Asian mx, QRM (222 7/15 Bickel-CA)(Lucas-CA)

Had a great time at ANARC 80 at UCI. Thunder Bay in 81????????.....

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

2300t 1142 Hyesan? w/ seemingly RR classical mx, YL anncr, 3 or 4 low & 1 high pip on hr. (352 8/8 Hardester-CA)
7290 1000 R. Pyongyang: Lang. w/ national anthem, into pgm (453 7/30 Van Beurden-CA)
9977 1134 RP: EE w/ usual propaganda--tirade abt. Kampuchea and innocence of Vietnamese (433 7/16 Blaize-LA)(Kopriva-CA)(Farmer-TN)(Pyatt-CA)(Earhart-PA)(454 Thompson-NM)
11350 1125 KCBS: KK w/ dramatic soap-opera pgm (454 7/29 Van Beurden-CA)(Korneke-VA)
11895 1605 RP: EE nx, march mx interlude, tlk on agriculture (344 7/13 Flynn-CA)(343 Zilmer-NM)

REPUBLIC OF KOREA

7275 1030 R. Korea: EE w/ sked, nx, pgm (444 7/30 Van Beurden-CA)(Miller-CA)
7550 1325 KBS: EE w/ "History of KK", KK lang. lessons, "Invitation to KK", YL anncr (544 7/18 Rocha-CA)(Hall-CA)
9570 0928 RK: SS YL w/ repeated ID, OM w/ nx (322 8/9 Lambert-IL)(Conover-KY)(Pyatt-CA)
9720 1600 RK: EE nx, magazine pgm, // 9870, 11830 (443 7/27 Zilmer-NM)
9870 1600 RK: EE nx, highlights of past week (232 7/27 Zilmer-NM)
11725 1015 RK: EE nx, cmt, "Perspective on KK" w/ tlk on shipbuilding (554 7/29 Van Beurden-CA)(Lambert-IL)
11810 0730 RK: EE nx, cmt, feature pgm (353 8/5 Rust-OR)(Huffaker-MEXICO)
11830 1700 RK: EE ID, OM nx abt. Miss Universe contest, KK nx (222 7/8 Hodsdon-MN)(Rust)(Hall-CA)(Smith-CA)(Zehr-NV)(Somers-CA)(Berkholtz-MN)(Kopriva-CA)(Forbes-TX)
15375 2140 RK: EE nx, cmt, KK mx (333 7/24 Sanderson-AZ)(Zilmer-WI)
15570 2000 RK: EE ID, OM w/ nx, YL ID, cmt (222 7/7 Hodsdon-MN)(Hall-CA)(Smith-CA)

KUWAIT

11665 2020 R. Kuwait: EE OM ID @ 2022, disco mx (444 7/9 Coleman-MA)
15345 2020 RK: EE pcp mx pgm, // 11665 (322 7/8 Newton-GA)
21545 0530 RK: EE ID @ 0530, YL w/ cmt, mx, feature pgm @ 0630 (253 7/25 S. Hall-CA)(Smith-CA)(Hall-CA)(Moon-CA) Ed. note: Being that there are two Hall's this month runs me into a little problem. So, to differentiate betwn. the two, Hall-CA is Tim Hall while S. Hall is Stuart Hall. Hope that clears the air a little. Sorry abt. that guys.....jwm

LAOS

6130 1331 Vientiane: Lao w/ OM tlk, nx?, ethnic dance mx (322 7/22 Rocha-CA)
6629a 1200 Pakse: Lao nx from 1200 to 1232 w/ OM/YL anncrs, operatic chanting (222 7/9 Rocha-CA)

FAR EAST

LEBANON

6550 2105 V. of Lebanon: AA mx, nx (434 6/24 Constantinides-S. AFRICA)
15375 0238 R. Lebanon: EE YL nx, mx pgm, ID's by OM, into SS @ 0258 (222 8/3 Hall-CA)(Audette-MA)(Whetzel-IN)

MALAYSIA (Peninsular)

15295 0925 V. of Malaysia: Malay? w/ pop mx, time pips, ID, into OM/YL tlk to 0943, s/off ancmts by OM w/ freqs./times & ID, 1000* (242 7/27 Cunningham-OH)

Sarawak

4835 1230 RMS Kuching: Malay tlk by YL, mx, pop mx, ID's (544 7/27 Miller-CA)(333 6/7 Constantinides-S. AFRICA)
4895 1300 RMSK: Lang. ID by OM, nx by YL (433 7/27 Grenier-CA)
4950 1225 RMSK: CG tlk, time pips, ID, CG vocals (444 7/15 Thompson-NM)(Van Beurden-CA)
5030 1239 RMSK: Bidayah w/ OM anncr, mx pgm, ID's (533 7/29 Hall-CA)
7160 1134 RMSK: EE/Malay w/ EE nx to 1140 then EE lessons, TC, pips @ 1200, repeat of nx (333 7/30 Lucas-CA)

MONGOLIA

6383 *1220 R. Ulan Bator: EE w/ YL cmt on Olympics, severe co-channel on 11825, 6383 seems only poss. freq. here now w/ 12070 off (322 7/22 Lucas-CA)

OMAN

15310 1305 BBC relay: EE OM w/ nx headlines (322 7/9 Newton-GA)



PAKISTAN

17910 1515 R. Pakistan: Urdu nx, to ME (253 7/20 Flynn-CA)
21590 0231 RP: EE w/ slo-speed nx, // 21755 (222 7/25 Cereghin-MD)(Newton-GA)

PHILIPPINES

7225 1507 FEBC: Mandarin w/ YL tlk, hymns, ID, to Mainland CG (343 7/21 Famularo-CA)
9580 1015 VOP: EE w/ full ID, into "World in Motion" pgm (444 7/7 Van Beurden-CA)(Miller)

EMILIPPINES (continued)

- 11735 2230 VOA relay: Malayan tlk (222 7/5 Constantinides-S. AFRICA)
- 11775 1025 RVA: Indo tlk by OM on Asia (544 8/7 Miller-CA)
- 11890 0828 FEBC: EE OM w/ rel. pgm, ID @ 0830, YL nx, good signal (333 8/3 Marshall-AZ)
(Korneke-VA)(Moman-ALB)
- 11955 1430 RVA: EE TC, ID, freqs. given, "My Neighbor and Me" pgm, nx, mx (333 7/27
Kopriva-CA)
- 15440 1405 FEBC: EE "Haven of Rest" pgm, ID w/ freqs./TC, nx by YL (454 7/30 Thompson-CA)
(Hall-CA)
- 15450 2318 FEBC: EE w/ rel. pgmning (232 8/4 Hall-CA)
- 17740 2210 VOA relay: EE w/ special EE nx, ID (242 8/1 Audette-MA)
- 17820 2215 VOA relay: EE OM w/ "The Breakfast Show", country mx, tlk on past events,
// 17740 (232 8/1 Audette-MA)
- 21490 1331 VOA relay: EE "Magazine Show" pgm (333 7/9 Newton-CA)



SAUDI ARABIA

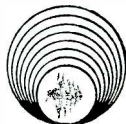
- 15060 2000 BSKSA: AA OM w/ nx, ID @ 2013, mx, tlk, singing, UTE QRM (232 7/29 Marshall-AZ)(Bickel-CA)(Holland-NY)(Beeman-OH)(Forbes-TX)(Newton-CA)(McLean-NY)

SINGAPORE

- 5052 1318 R. Singapore: EE OM/YL tlk abt. hearing aid for lion (332 7/18 Lucas-CA)(322
Moman-ALB)
- 11940 1307 RS: EE weekly pgm "Songs for Your Special Day", birthday dedications, ID (444
7/15 Rocha-CA)(Van Beurden-CA)(Getzel-CA)(Grenier-CA)(Kopriva-CA)
- 11955 1600 BBC relay: EE ID, IS, OM tlk, QRM de RVA (333 6/29 Bickel-CA)
- 15280 0857 BBC relay: EE w/ chimes IS, ID as FE Relay Station, into nx (343 7/20 Lentz)
- 17880 1510 BBC relay: EE tlk on Africa (222 7/26 Grenier-CA)

SRI LANKA

- 9720 0107 SLBC: EE w/ requests (222 7/6 Constantinides-S. AFRICA)
- 15120 1800 SLBC: EE nx, ID, freqs. given (322 7/11 Moman-ALB)
- 15425 1230 SLBC: EE w/ pop mx (322 7/24 Zilmer-NM)



TAIWAN

- 9765 *1400 VOFC: CC anthem, OM/YL w/ s/on, tlk, nx? (433 7/26 Thompson-CA)
- 11825 1100 VOFC: JJ anthem, ID, tlk by YL, mx, much 3RN (534 7/6 Miller-CA)
- 11935 1300 VOFC: JJ anthem, ID, OM/YL tlk, mx, QSB (323 7/29 Miller-CA)
- 15270 2140 VOFC: EE nx, "International Scene", mx, lang. lessons (333 7/19 Silva-CA)
(Kopriva-CA)(Sanderson-AZ)(Zilmer-NM)(Moman-ALB)(Miller-CA)(Van Beurden-CA)

TURKEY

- 9515 2211 V. of Turkey: EE nx, // 11955, 7215 (232 6/25 Moman-ALB)
- 11895 *2058 VOT: EE YL w/ s/on, "Oldies but Goodies" pgm (444 7/9 Newton-CA)
- 15250 2205 VOT: EE nx by YL, ID, "Spotlight on Turkey", covered by VOA, // 15360 much
better (222 7/27 Audette-MA)
- 15360 *2200 VOT: EE IS, ID, wld. nx, DX pgm, pop mx (434 7/12 Johnson-IL)(Heyman-NY)
(Kopriva-CA)(Zilmer-NM)(Huddleston-TX)(Newton-CA)(Moman-ALB)(Whetzel-IN)

UNITED ARAB EMIRATES

- 21700 0430 RCTV Dubai: EE C&W mx, ID's w/ QTH, still testing (353 7/25 Flynn-CA)

UNION OF SOVIET SOCIALIST REPUBLICS

- 4485 1118 R. Tikhiv Okean/Petropavlovsk: RR w/ "Patriotic" singing, tlk (222 7/30
Blaize-LA)(Van Beurden-CA)
- 5015 1313 RTO/Vladivostok: RR tlk by OM, lite mx (444 7/21 Getzel-CA)(Van Beurden-CA)
- 5940t 1135 RTO/Magadan: RR tlk, typical RR mx, UTE QRM (222 7/30 Blaize-LA)
- 7200 1130 RM/Yakutsk: RR w/ lite classical mx pgm w/ OM ancmts (444 7/30 Van Beurden)
- 7210 1000 RM/Khabarovsk: RR IS, ID by YL, classical mx (443 7/30 Van Beurden-CA)
- 7320 1045 RTO/Magadan: RR w/ opera mx, live audience, // 4485, 5015 (555 Van Beurden)
- 11690 1828 RTO/Khabarovsk: RR OM annrc w/ pop mx, nx @ 1830 (322 7/27 Smith-CA)
- 15180 0506 RM/Komsomolsk: EE YL w/ nx, // 12050 (232 7/29 Hall-CA)(Smith-CA)
- 15180 0351 R. Yerevan: EE mx, *0353, ID, Armenian nx (6/28 Brewer-TN)
- 17700 0538 RM/Petropavlovsk: EE w/ Olympic swimming results (444 7/25 Huffaker-MEXICO)

Tadjik S. S. R.

- 4635 0022 R. Dushanbe: RR tlk (434 7/6 Constantinides-S. AFRICA) How abt. more details?

Uzbek S. S. R.

- 15460 1207 R. Tashkent: EE nx by OM, ID @ 1210, mx, cmty on results of the tlks held
btwn. the USSR and Yemen (333 7/8 Heyman-NY)(Bickel-CA)

80 contributors this month for A/O. Let's keep up the great support!.....jwm

VIETNAM

10010 1400 VOV: Lang. tlk by YL, orchestral mx, tlk abt. Carter (454 8/6 Thompson-NM) (Rocha-CA)
 10040 1023 VOV: EE tlk, anthem, ID, nx (222 7/17 Smith-FL)
 10080 1015 VOV: EE nx, cmty, // 12035 (333 8/4 Evans-TN)(Rocha-CA)(Korneke-VA)(333 Newton-GA)(Zilmer-NM)
 12030 1120 VOV: EE space discussion (343 7/25 Korneke-VA)
 15012 1800 VOV: EE mx, OM ID, times/freqs. given of EE bdsts, mx, nx by OM (243 7/8 Heyman-NY)(Thompson-NM)(Valentine-CA)(O'Brien-AUS)(Lentz-PA)(Kopriva-CA)

OCEANIA

AUSTRALIA

4920 1118 ABC Brisbane: EE jazz, OM DJ, comedy records (444 7/5 Huffaker-MEXICO)(343 Moman-ALB)(Getzel-CA)
 5995 1030 RA/Lyndhurst: EE rock mx, "Waltzing Matilda", ID (fair 7/28 Holland-NY)(333 Blaize-LA)
 6035 1610 RA/Carnarvon: EE tlk (434 6/25 Constantinides-S. AFRICA)
 6060 1444 RA/Shepparton: EE OM tlk, C&W mx, // 6080, 5995 (343 7/15 Lucas-CA)
 6140 0952 ABC Wanneroo: EE wx warning, horse racing results (333 6/28 Moman-ALB)
 6150 1101 ABC Melbourne: EE w/ brief nx of Australia (322 6/28 Moman-ALB)
 9560 1121 RA/S: EE "Focus on Australia", TC's. (333 7/16 Cereghin-MD)
 9570 0807 RA/S: EE wld. nx, "International Report" on Iran. (544 7/28 Miller-CA)
 9580 1242 RA/S: EE "Mailbag" w/ Keith Glover (544 7/13 Newton-GA)(Holland-NY)(Fraser)
 9610 1350 ABC Wanneroo: EE OM w/ Aussie nx, local TC, wx, "ABC Olympic Game Studio" pgm (544 7/28 Thompson-CA)(Moman-ALB)(Constantinides-S. AFRICA)
 9660 0710 ABC Brisbane: EE local nx, ID as "Radio 3", into mx @ 0715 (354 7/18 Van Beurden-CA)(Moman-ALB)
 9680 0910 ABC Melbourne: EE nx, local nx items (333 6/27 Moman-ALB)(Hall-CA)(Van Beurden-CA)(Jarrett-CT)
 9760 0907 RA/S: Pld mx, OM DJ, to PNG and Solomon Islands (444 6/27 Moman-ALB)
 9770 1040 RA/S: EE pop mx, ancmnt by YL, OM w/ freqs., ID, nx (333 8/7 Lambert-IL)(444 Cereghin-MD)(Grenier-CA)
 11705 1134 RA/S: EE OM ID, Aussie nx; feature pgm (333 7/27 Audette-MA)(Miller-CA)
 11740 0845 RA/S: EE pop mx, OM w/ wx, interview w/ sheep herder (333 7/30 Audette-MA)
 11790 0825 RA/S: EE mx, ID, nx, severe QRM de DW (poor 7/4 Holland-NY)
 11865 1641 RA/S: EE request for no more reception reports, info. on yacht racing (444 7/20 Calver-ENG)
 11925 1400 RA/S: EE ID, IS, freq. given, wld. nx (333 7/29 Zilmer-NM)(Nebron-CA)
 15145 0850 RA/S: EE farm rpt., mx, nx on the hr., "Countdown", interviews, 1030* (444 7/25 Clark-KS)(Rust-OR)(Zilmer-NM)(Earhart-PA)
 15160 0700 RA/L: EE IS, ancmnt, "Waltzing Matilda", sked by YL (544 7/9 Pettit-IA)
 15230 0755 ABC Lyndhurst: EE orchestral mx, ID, TC (333 6/27 Moman-ALB)(Van Beurden-CA)
 15240 0513 RA/L: EE rugby match, interrupted for horse race, other sports event scores (444 7/27 Westbrook-FRG)(Audette-MA)
 15320 0548 RA/S: FF w/ "This Week in Science" pgm to 0557, tlk by OM, into s/off ancmnts, ID's, 0600* (544 6/12 Kathy/John Trautschold-WI)(Smith-FL)(D'Angelo-PA)
 15425 0910 ABC Wanneroo: EE OM w/ nx, ID, Charlie Daniels (242 7/7 Huddleston-TX)(Van Beurden-CA)(Moman-ALB)
 17755 0400 RA/C: EE nx (222 7/26 Zilmer-NM)
 17795 0440 RA/S: EE pop mx, YL anncr, organ mx @ 0447, into FF @ 0459 (353 7/22 Earhart)(Holland-NY)(Berkholtz-MN)(Kopriva-CA)(Moman-ALB)(Newton-CA)(Miller-CA)
 17890 0310 RA/S: EE political tlk on NSW (433 7/30 Moon-CA)(Zilmer-NM)
 21525 0440 RA/S: YL anncr w/ C&W mx, tlk w/ OM, IS @ 0458, ID by OM w/ freqs., to Africa* (232 8/6 Munster-CA)(Earhart-CA)
 21650 0245 RA/S: EE w/ Aussie nx, mx, tlk of farming problems (433 7/11 Smith-FL)(454 Thompson-NM)(Hodsdon-MN)(Somers-CA)(Berkholtz-RN)(Newton-CA)
 21680 0400 RA/S: EE ID, TC @ 0400, wld. nx by OM, Aussie nx in brief (343 7/3 Kopriva)(Silva-CA)(Berkholtz-MN)(Blaize-LA)(Conover-KY)(O'Brien-AUS)
 21740 0300 RA/S: EE pop mx, GMT TC's, ID, nx, great signal (444 7/16 Cereghin-MD)(544 Miller-CA)(Audette-MA)(Johnson-IL)(Hodsdon-MN)(Maise-LA)(Sanderson-AZ)

GUAM

11840 0900 KTRW: EE ID, rel. tlk, DX pgm @ 0915 (444 6/27 Moman-ALB)(Van Beurden-CA)

NEW CALEDONIA

3355 1126 R. Noumea: FF w/ pop mx, lite rock, UTE QRM, // 7170, 11710 (322 6/28 Moman)
 7170 0850 RN: FF OM/YL nx, cmty, ID @ 0900, QRN (433 7/24 Coleman-CA)(Moman-ALB)(444 Moon-CA)(Huddleston-TX)(Jarrett-CT)
 11710 0815 RN: FF OM w/ constant tlk, // 7170 (354 8/4 Van Beurden-CA)

NEW ZEALAND

- 6105 1053 RNZ: EE pop mx, YL ID's @ 1100 (232 7/6 Farmer-TN)(Moman-ALB)(Coleman-MA)(443 Zilmer-NM)
- 11945 0835 RNZ: EE OM w/ regional/wld. nx, wx, YL ID, lite mx (232 7/30 Audette-MA)(333 Zilmer-NM)(Korneke-VA)
- 15345 0459 RNZ: EE TP's, ID, nx, local wx, pgm on the Boston Pops (544 7/11 Famularo-CA)(Smith-CA)(Hodsdon-MN)(Silva-CA)
- 17860 0500 RNZ: EE mx, TC, nx w/ YL anncr (222 7/22 Grenier-CA)(Nebron-CA)(Zilmer-NM)(Earhart-CA)(Kopriva-CA)(Thompson-CA)(Sanderson-AZ)

PAPUA NEW GUINEA

- 2340 1057 R. West New Britain: Pid w/ OM tlk, chanting w/ drums, China underneath (232 6/22 Lattemann-WA)
- 2376 1116 R. Chimbu: Lang. w/ OM tlk, drums @ 1116, more tlk, rhythmic singing (232 6/22 Lattemann-WA)
- 2410t 1127 R. Eastern Highlands: Lang. w/ OM anncr, no ID heard, weak signal (232 6/22 Lattemann-WA)
- 2428t 1159 R. New Ireland: Pid w/ OM tlk, MOR to pop mx, no ID's or TC's noted (353 7/30 Hardester-CA)(Lattemann-WA)
- 2468t 1203 R. Northern District: Lang w/ rhythmic vocal mx, high static level (232 6/22 Lattemann-WA)
- 3205 1211 R. West Sepik: EE nx by OM, ments of PNG, C&W mx @ 1213 w/ EE lyrics (333 6/22 Lattemann-WA)
- 3220 1214 R. Morobe: Pid OM anncr, chanting w/ drums (333 6/22 Lattemann-WA)
- 3245t 1218 R. Gulf: Lang. vocal mx w/ ukeleles, battling local QRN (232 6/22 Lattemann)
- 3260 1139 R. Madang: Pid w/ mx by America, TC, native chants, drums (333 6/28 Moman-ALB)(Lattemann-WA)(Farmer-TN)
- 3275t 1030 R. Southern Highlands: Lang. w/ slow tempo mx, OM anncr, no ID heard (141 7/17 Flynn-CA)(Lattemann-WA)
- 3322 1221 R. North Solomons: Pid w/ gospel singing w/ EE lyrics, OM anncr, tlk w/ ments of PNG, ukelele and choral mx (333 6/22 Lattemann-WA)(Moman-ALB)
- 3335 1210 R. East Sepik: Pid w/ dedications, tlk (333 6/28 Moman-ALB)(Lattemann-WA)
- 3385 1125 R. East New Britain: Pid TC, "El Paso" by Marty Robbins (333 6/28 Moman-ALB)
- 3905 1110 R. Manus: Pid vocal mx, OM anncr w/ rapid-fire delivery, ment of PNG (433 7/4 Lattemann-WA)
- 3925 2010 NBC Port Moresby: EE nx (223 6/28 Constantinides-S. AFRICA)
- 4890 0715 NBC Port Moresby: EE/Pid w/ "Nx from the Pacific", nx @ 0715, ID, TC (333 6/21 Snowden-CA)(Bickel-CA)(Getzel-CA)
- 9520 0807 NBC Port Moresby: EE nx, local nx, ID, // 4890 (333 6/27 Moman-ALB)



SOCIETY ISLANDS

- 11825 0550 R. Tahiti: Tahitian/FF island mx , OM ID, FF rundown, TC, lite mx (444 7/31 Thompson-CA)(Rust-OR)(Forbes-TX)(Van Beurden-CA)
- 15170 0536 RT: FF native mx, OM tlk (333 7/13 Newton-GA)(Smith-CA)(Thompson-CA)

SOLOMON ISLANDS

- 5020 0758 SIBC: EE rock mx w/ OM anncr, TC's, ID by OM (322 6/27 Grenier-CA)(Getzel-CA)(Moman-ALB)(Marshall-AZ)(O'Brien-AUS)
- 9545 0730 SIBC: EE rock mx featuring the Stones and ELO, OM anncr (444 6/27 Grenier-CA)

VANUATU (New Hebrides)

- 3945 0828 R. Vanuatu: EE ID, nx in EE, loud & clear most nites (242 6/26 Moman-ALB)
- 7260 0830 RV: EE wld/local nx to 0845, FF nx (243 7/7 Van Beurden-CA)(Moon-CA)(Lowe-TN)(Huddleston-TX)(Flynn-CA)

BECMS copyrighted

DATELINE

BECMS copyrighted

Afghanistan-RA has replaced 15075 by 17745 as of 7/19 for external service transmissions in Pashto/Dari from 1730-1830 and for the EE bdcst from 1900-1930. Due to severe co-channel QRN, the 1700-1730 bdcst in AA and the 1830-1900 bdcst in GG has not yet been established. RA's 1630-1700 bdcst in RR continues to be on 11805.....

China-Fuzhou's external services are as follows: Standard CC (0000-0030) 5040, 4975; (1400-1430) 4975, 2340; (2100-2130) 4975, 2340. Amoy (0130-0200) 5040, 4975; (1500-1530) 4975, 2340. Broadcasts are to Quemoy and Matsu.....

Philippines-RVA's sked reads: EE (0030-0100) 17785, 15285, 15135; (0300-0330) 17785, 15320, 15285; (1130-1200) 15215, 11775, 9615; (1430-1500) 15215, 11955, 9605. JJ (0100-0130) 17785, 15285, 15135; (1230-1300) 11935. Burmese (0230-0300) 17785, 15320, 15285; (1200-1230) 15215, 9615.....

Tnx everybody; 73's Jim

WORLD SERVICE STATION SKEDS

ÉMISSIONS

PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

CHRIS LOBDELL

PROGRAMS

ENGLISH SERVICE

P.O. Box 146

02180

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

All schedules, unless otherwise stated, are for English programs, and all times are in Greenwich Mean Time (GMT). Also, schedules credited to the "BBCMS" are courtesy of the BBC Monitoring Service, and are used by permission. The J80 transmission period will be ending on September 6th at 0000 GMT; the new "S80" period will be effective from September 6th until November 2, 1980.

ALBANIA. Radio Tirana, current external service sked.

0000-0030	7065	North America
	9750	" "
0130-0200	7120	" "
	9750	" "
0230-0300	7120	" "
	9750	" "
0330-0400	6200	" "
	7300	" "
0430-0500	7065	Africa
	9480	" "
0630-0700	7080	Europe
	9500	" "
0700-0730	9500	Australia/Asia
	11985	" "
0930-1000	9500	" "
	11985	" "
1230-1300	9515	North America
	11965	" "
1400-1430	9500	SE Asia/Australia
	11985	" "
1630-1700	7065	Europe
	9480	" "
1730-1800	15440	Africa
1830-1900	7065	Europe
	9480	" "
1930-2000	7075	Africa
	9500	" "
2030-2100	7065	" "
2200-2230	7065	Europe
	9480	" "

(BBCMS)

AUSTRIA(Continued)

1805-1830*	6155	Europe
	15155	East Africa
	15560	Middle East
	21740	South Africa
1830-1900	6155	Europe
	15155	East Africa
	15560	Middle East
	21740	South Africa

(R. Munster) * = Sunday only.

BELGIUM. The RTBF (the French language network) has this current sked. Language is French. Valid until September 27th.

MONDAY - SATURDAY

0400-0515	11880	Africa
0400-0615	15210	North Africa
0515-0615	21460	Africa
1030-1230	15210	North Africa
	21460	Africa
1400-1545	5965	Europe
	21460	Africa
1600-2030	15210	North Africa
	21460	Africa

SUNDAY

0500-2000	15210	North Africa
	21460	Africa

(T. Smith)

BULGARIA. Radio Sofia, current sked.

0000-0100	15330	North America
0430-0500	11750	" "
1830-1900	15310	Africa
	17825	" "
1930-2000	9700	Great Britain, Ireland
	11720	" "
2030-2130	11735	Africa
	15310	" "
	17825	" "
2130-2200	11750	Great Britain, Ireland
	15135	" "

(BBCMS)

CUBA. Radio Habana, J80 sked.

0100-0450	11930	The Americas
0100-0600	11725	" "
0330-0600	11760	" "
0630-0800	9525	" "
1700-1800	17710	Africa
2010-2140	15155	Northern Europe
2050-2140	9770	The Americas
	17750	" "
2200-2300	11705	Northern Europe

(J. Barr, R. Ross)

AUSTRIA. The ORF in Vienna has this tentative sked from S80, effective on September 7th.

0130-0200	6155	North America
	9770	" "
0330-0400	5945	" "
	9770	" "
0430-0500	12015	N. America(West)
	21735	SE Asia/Australia
0830-0900	6155	Europe
	15410	Middle East
	17830	Australia/N.Z.
	21640	East Asia
0900-0915*	6155	Europe
	7170	South Europe
	9770	Europe
	21595	Southeast Asia
1230-1300	9770	Europe
	21655	North America
	21725	SE Asia
	6155	Europe

EGYPT. Radio Cairo. Here is the
 J80 sked
 0200-0330 9475 North America
 12050 " "
 1215-1330 17920 South/SE Asia
 1630-1830 15255 Africa
 2030-2200 15375 "
 2215-2345 9805 Europe
 (BBCMS)

GERMANY. Radio Liberty, J80 sked.
 Transmitters located in Germany,
 Portugal & Spain.

3960 0100-0400 Russian B
 5955 2100-0500 " L
 6105 0800-2100 " L
 6170 0500-0800 " L
 7155 0100-0600 " B,L
 7220 0600-0400 " B,L
 9505 0300-0600 " L,P
 2100-2300 " "
 9520 0100-2100 " B,L
 2100-2200 " "
 2200-2300 " "
 9555 0100-0400 Russian B
 9565 2000-2200 Ukrainian H
 9625 0300-0600 Ukrainian H
 9660 0100-0300 Russian L
 9680 0100-0200 " B
 0200-0230 Estonian "
 0230-0300 Latvian "
 0300-0330 Lithuanian "
 0330-0400 Belorussian "
 0400-0430 Estonian "
 0430-0500 Latvian "
 0500-0530 Lithuanian "
 0530-0600 Belorussian "
 9725 2200-2300 Ukrainian H
 9750 2300-0200 Russian P
 11725 0000-0100 " H
 0100-0300 Tatar-Bashkir H
 11770 0100-0600 Russian P
 11875 0000-0100 " L,P
 0100-0200 Azerbaijani "
 0200-0300 Armenian "
 0800-2300 Russian "
 11885 1200-1500 " H,L
 1500-1600 Latvian "
 1600-1700 Lithuanian "
 1700-1800 Estonian "
 1800-1900 Belorussian "
 1900-2000 Latvian "
 2000-2100 Lithuanian "
 2100-2200 Estonian "
 2200-2300 Belorussian "
 2300-0000 Russian "
 11915 0200-0230 Estonian B,H
 0230-0300 Latvian "
 0300-0330 Lithuanian "
 0330-0400 Belorussian "
 0400-0430 Estonian "
 0430-0500 Latvian "
 0500-0530 Lithuanian "
 0530-0600 Belorussian "
 11935 0300-0600 Ukrainian B,L,P
 1800-2300 " "
 2300-0300 Turkeستاني "
 11970 0100-0800 Russian B,L
 1500-2300 " "
 15115 1300-1500* " G,H
 2100-0300 " "

15130 0300-0330 Lithuanian H,L,P
 0330-0400 Belorussian "
 0400-0430 Estonian "
 0430-0500 Latvian "
 0500-0530 Lithuanian "
 0530-0600 Belorussian "
 1300-1500 Russian "
 1500-1600 Latvian "
 1600-1700 Lithuanian "
 1700-1800 Estonian "
 1800-1900 Belorussian "
 1900-2000 Latvian "
 2000-2100 Lithuanian "
 2100-2300 Russian "
 2300-0300 Turkeستاني "
 15145 0100-0300 Tatar-Bashkir B,G
 0900-1500 Russian "
 15170 0200-0230 Estonian H,L,P
 0230-0300 Latvian "
 0500-1400 Russian "
 1400-1500 Armenian "
 1500-1600 Azerbaijani "
 1600-1700 Russian "
 1700-1800 Georgian "
 1800-1900 Azerbaijani "
 1900-2000 Armenian "
 2000-2100 Georgian "
 2100-2300 Russian "
 15290 0300-0600 Ukrainian L,P
 1300-2200 Russian "
 15300 2200-0000 Russian P
 15340 24 Hours " B,G,L
 15355 1500-0900 " G,H,L
 15370 24 Hours " L,P
 15380 0600-1600 " L
 1600-1800 Tatar-Bashkir "
 1800-2300 Ukrainian "
 15445 0100-0200 Azerbaijani "
 0200-0300 Armenian "
 0300-0400 Georgian "
 0400-0500 Azerbaijani "
 0500-0600 Russian "
 17705 0100-0300 Tatar-Bashkir B
 17725 0000-0300 Russian G
 17750 0300-0600 Ukrainian H,P
 0600-1100 Russian "
 1100-1600 Turkeستاني "
 1600-1800 Tatar-Bashkir "
 1800-2300 Russian "
 2300-0100 Turkeستاني "
 17760 0100-0200 Azerbaijani L,P
 0200-0300 Armenian "
 0300-0400 Georgian "
 0400-0500 Azerbaijani "
 0500-1400 Russian "
 1400-1500 Armenian "
 1500-1600 Azerbaijani "
 1600-1700 Russian "
 1700-1800 Georgian "
 1800-1900 Azerbaijani "
 1900-2000 Armenian "
 2000-2100 Georgian "
 2100-0000 Russian "
 17770 2200-0600 " G,P
 1330-1800 " "
 17835 0100-0300 Turkeستاني G,H
 1600-1700 Russian "
 17845 1500-1600 Latvian P
 17865 2300-0300 Turkeستاني "
 17885 0100-0400 Russian L,P
 1600-1700 Lithuanian "
 1700-1800 Estonian "
 1800-1900 Belorussian "

GERMANY-Radio Liberty(continued):

17885	1900-2000	Latvian	L,P
	2000-2100	Lithuanian	"
	2100-2200	Estonian	"
	2200-2300	Belorussian	"
17895	0400-1100	Russian	L,P
	1100-1600	Turkestani	"
	1600-1800	Russian	"
	1800-2300	Ukranian	"
21455	0300-0400	Georgian	L
	0400-0500	Azerbaijani	"
	0500-1400	Russian	"
	1400-1500	Armenian	"
	1500-1600	Azerbaijani	"
	1600-1700	Russian	"
	1700-1800	Georgian	"
	1800-1900	Azerbaijani	"
	1900-2000	Armenian	"
	2000-2100	Georgian	"
	2100-2300	Russian	"
21510	0100-0200	Azerbaijani	H,L
	0600-1200	Russian	"
	1200-1600	Turkestani	"
	1600-1800	Tatar-Bashkir	"
	1800-2000	Ukranian	"
21530	1500-1600*	"	G
21580	1500-1600**	"	"
21720	1600-1700	Russian	"
21730	1600-0000	"	"
21745	0630-1500	"	"
25690	0800-2000	"	G

* = Monday through Saturday.
 ** = Sunday only.
 Transmitter Sites:
 B = Biblis, Germany
 G = Gloria, Portugal
 H = Holzirchen, Germany
 L = Lampertheim, Germany
 P = Playa de Pals, Spain
BOO BOO DEPARTMENT: Last month, I forgot to mention the English transmission from Radio Free Europe at 20:45 GMT on 15420 is on Friday only! Sorry. (T. Klasek)

HUNGARY. Radio Budapest, current sked, valid until November 1st. To North America.
 0100-0130 6000, 9585, 9835, 11910, 15220, 17710 (except Mon.)
 0200-0230 6000, 9585, 9835, 11910, 15220, 17710
 0300-0315 6000, 9585, 9835, 11910, 15220, 17710
 (DX program; Wednesday & Saturday only)
Days are GMT. Sept. 28th, all programs (R. Ross) are 1 Hour later.

JAPAN. Here is Radio Japan's S80 sked for the Americas.
 0130-0230 15235 N/S America, Hawaii
 17725 " " "
 17825 " " "
 21640 " " "
 2345-0045 15270 Eastern North Amer.
 17825 " " "

GENERAL SERVICE
 0000-0015 17755 0400-0415 17755
 0100-0115 " 0500-0515 15270
 0200-0215 " 0600-0615 "
 0300-0315 " 0700-0715 "

JAPAN(General Service-Continued).
 0800-0815 9505 1600-1615 9505
 0900-0915 " 1700-1715 "
 1000-1030 " 1800-1815 "
 1100-1115 " 1900-1915 15270
 1200-1215 " 2000-2015
 1300-1315 " 2100-2115 "
 1400-1430 " 2200-2215 17755
 1500-1515 " 2300-2330 "

MOROCCO. Here is an undated sked recently received from the Moroccan Radio & Television in Rabat.
 1000-0100 15335 Central Europe & West Africa
 1000-1700 15360 Western Europe, Sahara, Mauritania, West Africa
 1100-0100 21735 Middle East, North Africa
 1700-1900 15155 W. Europe, N. Africa & W. Africa
 1900-0000 9540 W. Europe, N. Africa & W. Africa

No languages given but programs are relays of the national medium wave service, so mostly Arabic. (M. Oakley)

NORWAY. Radio Norway in Oslo, S80 sked for Americas. Sunday only * = Monday GMT
 0000-0030* 15345 East Coast N. America
 0200-0230* 9590 " " "
 9610 N. America, W. Indies
 15175 Western N. America
 0400-0430* 9550 Western N. America
 11895 N. America, W. Indies
 0600-0630* 9645 Western N. America
 1400-1430 17840 Eastern N. America, West Indies
 1600-1630 21655 North America
 1800-1830 15175 Western N. America
 2200-2230 15135 Eastern N. America
 15175 Americas
 15345 N. America, West Indies

Underlines indicate 250 kw transmitter; all others are 100 kw. (W. Pickard II)

PAKISTAN. Here is the latest schedule from the May issue of "Pakistan Calling".
 0230-0245 17835 Southeast Asia
 21590 " "
 21730 " "
 1100-1115 17662 Western Europe
 21655 " "
 1600-1615 17660 East Africa
 17910 Middle East
 21485 " "
 21635 East Africa
 21755 " "
 1700-1730 9460 Beam not given
 11680 " "
 (D. Godfrey, J. Westbrook)

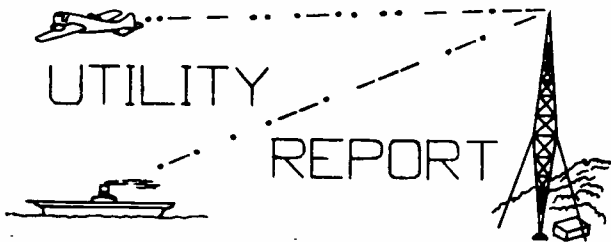
It was a moment of great sadness to learn of the death of Oliver Ellsworth. I knew Oliver since the ASWLC days in 1969. He was a real friend as well as a loyal SPEEDX co-worker. We'll miss him.

73
 Chris

Editor:

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

Deadline: 12th



AT THIS TIME I WISH TO OFFER MY CONDOLENCES TO THE FAMILY, FRIENDS AND RELATIVES OF OLIVER ELLSWORTH, MANAGING EDITOR OF SPEEDX, WHO PASSED AWAY ON 9 AUG 80.....

Well gang, I managed to put together a utility column, as promised. While doing this task, I found two areas which need some corrective measures. First and foremost -- PRINT CLEARLY!!! If I cannot decipher your scribble, I will not be able to use your logging. Second item: try to include ALL pertinent data on each logging. If you monitor 2-way comms, then ID BOTH stations. Don't just put- wkg traffic, a/c, ship, or whatever. If you didn't copy the other ID, at least say, wkg unknown sta, a/c, ship, etc. Full data printouts require that everyone do his or her share, to supply complete data wherever possible. To those who print clearly and include full data, many thanks!

There are two minor printout modifications to the column format. The first is - the xmsn mode will immediately follow the freq. This is to aid in rapidly establishing freq/mode relationships, in regards to the logging itself. This will not affect RTTY loggings, since they are grouped as a separate sub-section.... Second change is the elimination of EE/OM or EE/YL when it is an obvious english voice mode xmsn. This will affect mainly USA, Canada, Ship, Aircraft & Tactical. Here I agree with several utes that language & gender is a non-essential element to these type of loggings. Gender and language will of course be included for anything other than english, and where EE is only one of several languages normally available for use.... Check the printouts and if you object to either of these changes, let me know..... All of you have the opportunity to voice his or her opinions, suggestions and comments concerning the Speedx utility column, as it now stands, and its future possibilities. I am open to all correspondences, regarding this matter.

CORRECTION to the Weather Reconnaissance mailing address data for: SWAN a/c, 54th WRS, Andersen AFB... Although GUAM 96334 is correct, the USAF is reluctant to have mail forwarded addressed as such. A more reliable method is to use - "APO San Francisco CA 96334", in place of Guam 96334.

Follow-up on freqs used by NOAA/ERL Miami (KJY-74) more commonly known as the national hurricane center. Freqs in use include: 4.668, 6.645, 8.962, 13.260 & 17.901 Khz. All carry voice mode xmsns. (see loggings for current hurricane recon activities)

From Bob Rankin comes the observations that NOAA a/c, when wkg USAF airways stas, are using 15.015 & 13.210 Khz as daytime primary, with 8.993 as day secondary and night-time primary. 13.260 Khz appears to be primary day freq for NOAA a/c wkg KJY-74, along with 17.901 & 11.396 (a new freq!) as backup.

One note about the column due date. I see by the postmarks, that mail takes anywhere from 2 to 4 days to reach me. (4 days being east coast areas) So to insure that your loggings will be included in the next bulletin, try and mail no later than the 8th or 9th.

I wish to thank everyone of you who sent in loggings this month. We had 35 contributors, and considering the four month lapse in the utility column, that was quite a surprise for me. That's enough talk from me, now onto the loggings.....

**** NORTH AMERICA ****

ALASKA:	6506.4	USB	1252	NOJ- CS Kodiak wkg CGC Confidence (Chabak-AZ)
	8627	CW	1230	NOJ- USCG CS Kodiak - DE mkr (Thompson-NM)
	8938	USB	1427	Anchorage Aeradio clg flight 273 (Thompson-CA)
	8938	USB	1410	Anchorage Aeradio clg Pan Am 487 (Thompson-CA)
CANADA:	5638	SSB	0435	Gander Aeradio wkg ??????(with whom?) (Blaize-LA)
	8910	SSB	0530	Cambridge Bay Aeradio wkg Speedbird 288 (Hall-CA)
	8910	USB	2140	Gander Aeradio wkg Laker 25 (Fitzgerald-RI)
	8945	USB	2144	Gander Aeradio wkg TWA 841 (Fitzgerald-RI)
	14670	AM	1424	CHU- Ottawa- Time pips & FF/EE/OM annnts (Thompson-CA)
	15035	USB	1830	CHR- Trenton Military with aero WX (Moman-Alberta)
MEXICO:	8568.4	CW	0929	XFM- Coastal Radio-Manzanillo- CQ mkr (Alexander-IA)
U.S.A.:	4638	USB	0312	KFC 677 - Snake River wkg WCU542 Boise (Stock-CO)
	5400	USB	1311	WUD 6 - USACE-St. Paul MN wkg WUD 640 (Stock-CO)
	5696	USB	0315	NOY 9- Houston Air wkg CG Rescue 5806 (Stock-CO)
	5696	USB	0505	NMC- CS San Fran clg CG helo 1503 (Coleman-MA)

U.S.A.:	5870	CW	0415	NAM- USN Norfolk VA - Multicall V mkr (Blaise-LA)
	6212.4	USB	1200	WKG- RCA St. Louis- wkg @ 25 barges (Alexander-IA)
	6506.4	USB	0950	NMA- CS Miami - clg CGC Eagle (Coleman-MA)
	6506.4	USB	0940	NMC- CS San Fran -clg CGC Sherman (Coleman-MA)
	6506.4	USB	1844	NMN- CS Portsmouth VA wkg USS Myers & Tacoma(Fitzgerald)
	6925a	CW	0043	KKN 50- State Dept, Wash DC - DE mkr (Chinsky-NY)
	8125	USB	1358	KCP 63- FAA Denver- wkg KPA 65 DCPA Denton TX (Stock-CO)
	8570	CW	1646	WNU - ?? ID mkr (Brewer-TN)
	8728.2	USB	1346	KMI- Long Beach CA - clg vessel Phoenix (Thompson-CA)
	8760.8	USB	2235	NMC- CS San Fran - NTM b/c (Thompson-CA)
	8868	AM	0245	WSY 70- New York Radio - Aero WX b/c (Stroh-IL)
	8917	USB	0127	Lockheed LA wkg Lockheed 101 & 106 (Lucas-CA)
	8984	USB	1243	NOF- Clearwater Ops(St. Pete Air) wkg CG 1351 (Chabak)
	8984	USB	2157	NCM- Miami Air wkg CG 5785 (Fitzgerald-RI)
	9018	USB	1437	AFA- Andrews AFB MD wkg SAM 24197 (Stock-CO)
	10493	USB	1623	KPA 66- DCPA Denver CO wkg KPA 64-Battle Creek(Stock-CO)
	11249	USB	2110	AFA-Andrews AFB MD wkg CG 01 (Stock-CO)
	11249	USB	0223	AFA-Andrews AFB MD wkg Air Force One (Stock-CO)
	12135	CW	2254	NAM- USN Norfolk VA - CQ mkr (Thompson-CA)
	12435	USB	1210	WMP- W. Palm Beach FL wkg vessel Angus Bay(Ricciuto-NY)
	13272	SSB	2347	WSY 70- New York Radio - Volmet b/c (Thompson-CA)
	14870	CW	1545	ITT- NY ID mkr (Pettit-IA)
	15542	CW	0530	KKN 50-State Dept Wash DC - ID mkr (Pettit-IA)
	15031	USB	2348	AFI- McClellan AFB CA with patch (for?)(Thompson-CA)
	16213	CW	0040	ITT New York DE mkr (Blaise-LA)
	16590.2	USB	2105	KEO- New Orleans LA wkg Ocean Victory (Fitzgerald-RI)
	16587	USB	1930	KUS 773- Marcus Hook PA wkg New Jersey Sun(Ricciuto-NY)
	16594	USB	1440	WWD- BUCOM La Jolla CA wkg WMCU (Stock-CO)
	17408.6	USB	1533	WWD- BUCOM La Jolla CA -tfc check (Thompson-CA)
	18490	USB	2010	AFA- Andrews AFB MD wkg Air Force One (Stock-CO)
	19481	ISB	2220	VOA Feeder - Delano CA - CC/EE (Brewer-TN)
	22413	CW	1113/1703	- KOK-ITT Cerritos CA-CQ mkr(Alexander-IA)(Thompson-CA)
				**** CENTRAL AMERICA ****
CANAL ZONE:	13204	USB	0204	AHF- Albrock AFB wkg USN a/c Alfa Echo 723 (Chabak-AZ)
	15015	USB	1806	AHF- Albrock AFB wkg NOAA 42 & GULL 24 (Rankin-KS)
COSTA RICA:	13100	CW	0352	TIM- RCR- Limon V mkr (Walters-NJ)
NICARAGUA:	8847	SSB	0608	Managua Aeradio SS/YL wkg unid a/c (Hall-CA)
				**** CARIBBEAN ****
BARBADOS:	10115	CW	1150	8PX- C&W Ltd- Bridgetown clg HIA Santo Domingo(Chinsky-NY)
	8448	CW	0025	8PO- C&W Ltd- Bridgetown DE mkr (Thompson-NM)
CUBA:	15499a	CW	1928	CMU 967- Navy?? call up to UMGY (Alexander-IA)
	21813	CW	1642	CLN 653- PTT Havana- QRZ UCA Odessa (Stein-NJ)
GITMO:	10222	ISB	0045	AACR Guantanamo Bay OM/EE wkg ATT NY (Chinsky-NY)
MARTINIQUÉ:	13031a	CW	1509	FUF- French Naval R.-Pt.de France-V mkr(Alexander-IA)
TRINIDAD:	8945	SSB	0634	Piarco Aeradio OM/EE wkg a/c (callsigns???) (Hall-CA)
				**** SOUTH AMERICA ****
ARGENTINA:	17235	USB	0445	LPL- Coastal R/T- Buenos Aires-SS/OM-VM (Rocha-CA)
	22419	CW	1500/1950-	LPD91-Gen Pacheco R.-V mkr(Alexander-IA)(Blaise-LA)
BELIZE:	11234	SSB	1645	RAF- Belize Flight Watch wkg a/c 5118 (Blaise-LA)
	11234	USB	1451	RAF- Belize Flight Watch wkg Ascot 4088 (Chabak-AZ)
BRAZIL:	8502	CW	0310	PPL- Belem Radio- DE GSX mkr (Gunningham-OH)
	8520	CW	0850	PPO- EMBRATEL- Rio de Janeiro - V mkr (Alexander-IA)
	8847	SSB	0605	Manaus Aeradio- OM/EE wkg Clipper 454 (Hall-CA)
	14605	USB	0157/0250-	PPQ7- EMBRATEL -OM/PP/EE-VM (Rocha-CA)(Moman-Alberta)
CHILE:	22072	CW	2256	CCS- Navy-Santiago - ID mkr (Thompson-CA)
COLUMBIA:	8574.2	CW	0445	HKC- ENTEL- Buenaventura - ID mkr (Blaise-LA)
	8700.5	CW	0348	HKB- ENTEL- Barranquilla - CQ mkr (Blaise-LA)
	8847	SSB	0618	Bogota Aeradio OM/EE wkg Clipper 454 (Hall-CA)
	12853.5	CW	0348	HKC- ENTEL- Buenaventura - ID mkr (Walters-NJ)
	13089a	CW	0925	HKB- ENTEL- Barranquilla - CQ mkr (Coleman-MA)
ECUADOR:	3810	AM	0617	HD210A- INOCAR- Guayaquil-Time-SS/OM (Thompson-CA)
	7600	AM	0455	HD210A- INOCAR- Guayaquil-Time-SS/OM (Coleman-MA)
URUGUAY:	12750	CW	0336	CWA-Cerrito R.-Montevideo - V mkr (Walters-NJ)
				**** EUROPE ****
BELGIUM:	8652	CW	0527	OST 42- Oostende - V mkr (Blaise-LA)
	13070a	CW	0918	OST 4 - Ostend Radio - CQ mkr (Coleman-MA)
	22351.5	CW	1523	OST 72 - Oostende - V Mkr (Blaise-LA)
BULGARIA:	12840	CW	0359	LZW- MINCOM- Varna - ID mkr (Walters-NJ)

**** EUROPE ****

CZECHO-
SLOVAKIA: 3170 AM 0130 OLB 5 - Time Sta - Time Pips (Kapinos-MA)
CYPRUS: 11234 USB 0223 MKE-RAF Akrotiri-wkg AK460 & RAF Uphavon (Russell-IL)
14360 CW 2019 KWS 78- US Embassy Nicosia -QRA/QSX (Fitzgerald-RI)
DENMARK: 12329 CW 0450/2100-OVG-Frederikshaven Naval R.-V mkr(Coleman-MA)(Thompson-NM)
12916.5 CW 0056/0345- OX 26-DGPT Lyngby- CQ mkr(Alexander-IA)(Walters-NJ)
17068.4 CW 0045 OXZ 88- DGPT Lyngby - CQ mkr (Thompson-NM)
ENGLAND: 8625.2 CW 0531 GYU 4- RN London - DE mkr (Blaize-LA)
11140a CW 2137 KRH 50- US Embassy London- QRA/QSX (Fitzgerald-RI)
11200 USB 0037 to 1917- MVU-West Drayton Volmet - Aero WX (Lowe-TN)
(Chabak-AZ)(Blaize-LA)(Fitzgerald-RI)
11680 SSB 0154 BBC- Daventry Feeder- SS/OM/YL (Blaize-LA)
12740.2 CW 0510 GYA- RN London - DE mkr (Blaize-LA)
12835.5 CW 2250 GKB- Portishead R. DE mkr (Coleman-MA)
12788.5 CW 0338 GKD- BPO Portishead ID mkr (Walters-NJ)
22407.3 CW 1503 GKC 7- BPO Portishead DE mkr (Blaize-LA)
22503 CW 1347 GKG 7- BPO Portishead - Traffic (With whom??)(Blaize-LA)
FINLAND: 12669.3 CW 0440 OFJ 3- Helsinki Coastal R. ID mkr (Blaize-LA)
12687 CW 0445 OFJ 4- Helsinki Coastal R. ID mkr (Blaize-LA)
16923.6 CW 0110/0158- OFJ 5-Helsinki R. DE/QSY mkr(Thompson-NM)(Blaize-LA)
FRANCE: 12912.6 CW 0550 FFL 6- St. Lys R. CQ Mkr (Coleman-MA)
17039 CW 1455 FFS 8- St. Lys R. CQ mkr (Thompson-NM)
17316.6 USB 2104 FFL ??- St. Lys R. FF/OM with ????(Thompson-CA)
GIBRALTAR: 8625 CW 0325 GYU- Royal Navy DE mkr (Thompson-NM)
GERMANY, WEST: 6738 USB 0048 Ramstein Rescue (USAF) wkg LaJes (Chinsky-NY)
12763.5 AM 0000 DAM- Time Sta - Time pips (Kapinos-MA)
17048 CW 2130 DAF- Norddeich R. V mkr (Thompson-NM)
20710 ISB 1520 Radio Free Europe Feeder ???/? (Brewer-TN)
GREECE: 8692.5 CW 0352 SVF 4- Athens Coastal R. DE mkr (Blaize-LA)
8704 CW 0350 SVB 4- Athens Coastal R. DE mkr (Blaize-LA)
12720 CW 0332 SVG 5- Athens Coastal R. ID mkr (Walters-NJ)
17094.4 CW 0011 SVB 6- Athens Coastal R. Tfc list (Blaize-LA)
22327.5 CW 1530 SVG 7- Athens Coastal R. DE mkr (Blaize-LA)
HOLLAND: 8952 USB 0248 KLM LDOC Amsterdam OM/EE/DD- wkg KLM 612 (Russell-IL)
12853.5 CW 2245 PHC- Scheveningen R. V mkr (Coleman-MA)
22324.5 CW 1528 PHC 70- Scheveningen R. CQ mkr (Blaize-LA)
22539 CW 1940 PHC 71- Scheveningen R. CQ mkr (Alexander-IA)
ICELAND: 13069.5 CW 0920 TFA - Reykjavik Coastal R. CQ mkr (Coleman-MA)
IRELAND: 8945 SSB 0517 Shanwick Aeradio OM/EE wkg Santa Maria/KLM772(Hall-CA)
ITALY: 8648 CW 0245 ICB- Genova Coastal R. V mkr (Thompson-NM)
8656 CW 0525 IAR 38- Rome Coastal R. V mkr (Blaize-LA)
8685 CW 0354 IRM 6- CIRM Rome V mkr (Blaize-LA)
8875 USB 0417 Rome Aeradio EE/OM wkg Athens Aeradio(Fitzgerald-RI)
12978 CW 0245 ICB- Genova Coastal R. V mkr (Blaize-WI)
13015.5 CW 0043/0505-IAR3-Rome Coastal R. V mkr(Alexander-IA)(Coleman-MA)
13657 CW 0215 IDR- Naval R. Rome V mkr (Alexander-IA)
17105 CW 0055 IRM 6- CIRM Rome V mkr (Thompson-NM)
22376 CW 1519 IAR 2- Rome Coastal R. V Mkr (Blaize-LA)
NORWAY: 8683.5 CW 0356 LFB 2- Rogaland Coastal R. CQ mkr (Blaize-LA)
12727.5 CW 0334 LGJ - Rogaland Coastal R. CQ mkr (Walters-NJ)
13098 CW 0020/0340- LGB-Rogaland Coastal-TLX mkr(Alexander-IA)(Blaize)
17223 CW 0025 LGB- Rogaland Coastal R. TLX mkr (Blaize-LA)
POLAND: 13616 CW 1840 SON 36- PAP Warsaw- Olympic News (Alexander-IA)
PORTUGAL: 8924 SSB 0632 Lisbon Aeradio OM/EE wkg Unid a/c (Hall-CA)
22479 CW 1421 CUL 24- Lisbon Coastal R. CQ mkr (Blaize-LA)
SCOTLAND: 11176 USB 0505 AJE- USAF Croughton wkg USN a/c 52687 (Chabak-AZ)
SPAIN: 5918.5 CW 0413 AOK- USN Rota- Multicall V mkr (Blaize-LA)
22533 CW 1414 EDZ 7- Vallecas R, Madrid CQ mkr (Blaize-LA)
SWEDEN: 12880.5 CW 2235 SAG - Goteborg Radio CQ mkr (Coleman-MA)
SWITZERLAND: 13190.7 USB 2124 HEB 33- Berne R. wkg YTBD "Dunav"OM/EE/GG(Fitzgerald-RI)
USSR: 10508a CW 0104 RIW- Soviet Navy Khiva clg UXRN (Chinsky-NY)
12055a CW 2139 RIW- Soviet Navy Khiva clg RMNJ (Chinsky-NY)
12795 CW 0300 UXN - Archangeal DE mkr (Blaize-WI)
12978a CW 0239 URL - Sevastopol V mkr (Blaize-WI)
YUGOSLAVIA: 8700 CW 0300/0350- YUR- Rijera V/QSX mkr(Thompson-NM)(Ricciuto-NY)

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

AFGHANISTAN: 19637.5 SSB 0509 R. Afghanistan Feeder to USSR (Lowe-TN)
CONGO: 10073 AM 1423 Brazzaville - VOLMET b/c OM/FF (Thompson-CA)
DJIBOUTI: 13042.5 CW 0250 FUV- French Naval Radio V mkr (Thompson-NM)
16961 CW 0310 FUV- French Naval Radio V mkr (Thompson-NM)
EGYPT: 8959 USB 0411 USC 51- Cairo Aeradio OM/EE wkg Khartoum(Fitzgerald-RI)

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

GUINEA:	8847	SSB	0600	Conakry Aeradio OM/EE with a/c??? (Hall-CA)
ISRAEL:	17146	CW	0032	4XO- Haifa Radio CQ mkr (Cunningham-OH)
LIBERIA:	17426a	CW	1933	KKN 44- US Embassy Monrovia-clg KWR96 (Alexander-IA)
MADHRA:	8460	CW	0100	CUB- Funchal Radio CQ mkr (Thompson-NM)
MALI:	12255	SSB	0655	TIM- Bamako VM YL/FF/EE (Pettit-IA)
MAURITANIA:	10919a	SSB	0312	OPIPOSTEL- Nouakchott-VM OM/FF (Osterman-KY)
REUNION IS:	8475	CW	0115	FUX- French Naval R. V mkr (Thompson-NM)
	13215a	CW	0357	FUX- French Naval R. V mkr (Walters-NJ)
SENEGAL:	8993	CW	0605	6WW- Dakar Naval R. DE mkr (Cunningham-OH)
	16951	CW	0040	6WW- Dakar Naval R. V mkr (Thompson-NM)
SO. AFRICA:	4318	CW	0102	ZSC 33- Capetown Radio CQ mkr (Cunningham-OH)

**** ASIA/FAR EAST ****

COCOS IS:	8882	USB	1324	Cocos Aeradio OM/EE wkg Colombo Aeradio (Chabak-AZ)
DIEGO GARCIA:	11234	USB	1309	NKW- Diego Tower(USN) wkg Cocos Island (Chabak-AZ)
HONG KONG:	8840	USB	1310	Hong Kong Aeradio OM/EE wkg Luftansa 661 (Chabak-AZ)
	17096	CW	2125	VPS- Cape D'Aguillar R. DE mkr (Thompson-NM)
INDONESIA:	8436	CW	1235	PKC- Palembang Radio CQ mkr (Thompson-NM)
	8868	AM	1317	Jakarta Aeradio OM/EE wkg Speedbird 12 (Chabak-AZ)
JAPAN:	5000	AM	1220	JJY- Time Sta JJ/YL-under WWV/H (Moman-Alberta)
	8000	AM	0930	JJY- Time Sta JJ/YL (Van Beurden-CA)
	8547.5	CW	1432	JFA- Chuo Gyogyo R. Matsudo - CQ mkr (Thompson-CA)
	8938	USB	1403	Tokyo Aeradio OM/EE clg Speedbird 8 (Thompson-CA)
	8967	USB	1249	AIF- Yokota- p/p for a/c WS 110 (Chabak-AZ)
	13008	CW	1310	JOR- Nagasaki Coastal R. CQ mkr (Alexander-IA)
	13063	CW	1255	JDB- Nagasaki Coastal R. CQ mkr (Alexander-IA)
	17093.6	CW	0005	JOR- Nagasaki Coastal R. CQ mkr (Alexander-IA)
MALAYSIA:	8882	USB	1345	Kuala Lumpur Aeradio wkg Singapore 49 OM/EE (Chabak-AZ)
OKINAWA:	8854	USB	1309	Naha Aeradio wkg Singapore 2 OM/EE (Chabak-AZ)
PHILIPPINES:	8578	CW	1235	DZO- Lustre Inc-Bulacan CQ mkr (Thompson-NM)
	8587	CW	1225	DZG- Globe McKay R.-Las Pinas- CQ mkr (Thompson-NM)
	8603	CW	1230	DZJ- Manila Radio CQ mkr (Thompson-NM)
	8614	CW	1235	DXU- Catabato Radio DE mkr (Thompson-NM)
	13201	USB	1204	AIC - Clark AFB wkg a/c Romeo Golf 788 (Chabak-AZ)
	8868	USB	1334	Manila Aeradio YL/EE wkg Philippine 824 (Chabak-AZ)
SINGAPORE:	8475	CW	1315	9VG59- Singapore R. CQ mkr (Thompson-NM)
	8709	CW	0025	9VG- Singapore Radio CQ mkr (Thompson-NM)
	8728.2	USB	1338	9VG63 - Singapore R. YL/EE wkg m/v Ioawa(Thompson-CA)
	8840	USB	1413	9VA27- Singapore Aeradio-YL/EE wkg Philippine 503(Chabak)
	8868	USB	1352	9VA27-Singapore Aeradio-YL/EE wkg Malaysian 731(Chabak-AZ)
	8868	AM	1354	9VA27-Singapore Aeradio-EE/OM wkg Flight 350(Thompson-CA)
SOUTH KOREA:	8496.5	CW	1220	HLJ-Jeju Fisheries Seoul CQ mkr (Thompson-NM)
	8577	CW	1220	HLO- MINCOM Seoul CQ mkr (Thompson-NM)
	8634	CW	1225	HLW- MINCOM Seoul CQ mkr (Thompson-NM)
	17118	CW	1240	HLG- MINCOM Seoul CQ mkr (Thompson-NM)
SRI LANKA:	8882	USB	1250	Colombo Aeradio OM/EE wkg Clipper 155 (Chabak-AZ)
THAILAND:	8840	USB	1404	Bangkok Aeradio OM/EE wkg Clipper 5 (Chabak-AZ)
VIETNAM:	8590	CW	1225	XVS8-Ho Chi Minh City CQ mkr (Thompson-NM)
	8840	USB	1311	Hanoi Aeradio OM/EE wkg Alitalia 1991(Chabak-AZ)

**** PACIFIC OCEAN ****

AUSTRALIA:	3432	AM	1203	VIS- Sydney Aeradio -VOLMET b/c (Moman-Alberta)
	7500	AM	1340	VNG- Lyndhurst Time Sta EE/OM (Thompson-CA)
	8478	CW	1102	VHP4- RAN Canberra V mkr (Alexander-IA)
	8847	SSB	0613	Sydney Aeradio wkg Quantas 8801 (Hall-CA)
	8975	USB	1240	AXF- Air Force Sydney wkg a/c N.L.G. (Chabak-AZ)
	12000	AM	0559/0830-	VNG-Lyndhurst Time sta (Thompson-CA)(Van Beurden-CA)
	17161.3	CW	0020	VIS6- Sydney Radio V mkr (Blaize-LA)
	17236	USB	0529	VIS-Sydney R. VM OM/EE (Lucas-CA)
	22474	CW	0030/2215-	VIS42-Sydney R. V mkr(Alexander-IA)(Thompson-NM)
	22485	CW	0035	VHP2- RAN Canberra V mkr (Thompson-NM)
FIJI IS:	5638	AM	1313	Nandi Aeradio OM/EE wkg Quantas 3 (Chabak-AZ)
GUAM:	5505	USB	1302	KCD72-Guam R.(Aeradio) wkg Braniff 506 (Chabak-AZ)
	8964	USB	1238	AIE- Andersen AFB wkg a/c Papa Romeo 033(Chabak-AZ)
	10524	USB	1402	NRV-USCG Guam wkg NRT3 Iwo Jima Loran (Stock-CO)
HAWAII:	5519	AM	0531	KVM70 Honolulu - VOLMET b/c (Thompson-CA)
	8984	USB	0323	NM012- USCG Barb Air wkg CG 1340 (Chabak-AZ)
	8903	AM	1402	KVM70- Honolulu - VOLMET b/c (Thompson-CA)
NEW CALEDONIA:	8645	CW	1225	FUJ- French Naval R. V mkr (Thompson-NM)
NEW ZEALAND:	8598.4	CW	1030	ZLO-NZ Naval R. Waiouru DE mkr (Coleman-MA)
	8847	SSB	0610	Auckland Aeradio wkg flight 936 (Hall-CA)
	22543	CW	2020	ZLB7- NZPO Awarua tfc list (Alexander-IA)

TAHITI: 8625 CW 0320 FUM-French Naval R. Papeete- V mkr (Thompson-NM)
 17380a CW 0115 FUM-French Naval R. Papeete- V Mkr (Alexander-IA)

**** ANTARCTICA ****

12257 USB 0832 VMJ- Casey Sta. OM/EE with VM & talk (S. Hall-CA)
 13973.5 USB 0420 NNØICE-MARS McMurdo OM/EE p/p via NNØAYP, etc (Moman-Alberta)
 14255 USB 0420 KC4JUSV-McMurdo Amateur R. clg Calif. for p/p tfc (Snowden-CA)
 14415 USB 0430 VLV- Dawson Base OM/EE with VNM Melbourne (Moman-Alberta)
 14415 USB 0520 VLZ- Davis Base OM/EE with VNM Melbourne (Moman-Alberta)

**** SHIPS ****

2387a AM 0607 USS Fletcher clg San Pedro Marine Op for p/p tfc (Thompson-CA)
 6506.4 USB 1246 NRPQ- CGC Citrus wkg NMC CS San Fran (Chabak-AZ)
 6506.4 USB 1233 WTES- NOAA ship Surveyor wkg NOJ CS Kodiak (Chabak-AZ)
 8241.5 USB 2353 KNBD- NOAA ship Delaware 11 wkg NMG CS New Orleans (Chinsky-NY)
 8396 CW 2045 YTBX- DRZIC wkg VCS Halifax (Fitzgerald-RI)
 11252a LSB 0210 USNS Redstone p/p via unid USN? shore sta (Chabak-AZ)
 16590.2 USB 1910 KRTB- Ocean Ranger wkg KEO New Orleans (Fitzgerald-RI)
 16590.2 USB 2031 WHMD- Exxon Baltimore wkg KHT (Fitzgerald-RI)
 17762 CW 0042 UYCG- YOUNYI LENINETS wkg NMR USCG San Juan PR (Fitzgerald-RI)
 22093 USB 1700 SWDA- THASSOS ISLAND GR/OM clg Athens Radio (Blaise-IA)

**** AIRCRAFT ****

5610 USB 0523 KLM 771 wkg New York (M. Holmes-IL)
 5610 USB 0442 Eastern 59Ø wkg New York-returning with emergency (Blaise-IA)
 5673 USB 0229 Iberia 936 wkg New York (M. Holmes-IL)
 6540 USB 0140 Dominicana 9Ø4 wkg New York (M. Holmes-IL)
 8882 USB 0452 Argentina 124 wkg Dakar Aeradio EE/OM (Fitzgerald-RI)
 8889 USB 0352 Seaboard 7Ø2 wkg Shanwick EE/OM (Fitzgerald-RI)
 8889 USB 0020 Aeromexico 451 wkg New York (M. Holmes-IL)
 8925a USB 0203 Zambia 7Ø2 wkg Algiers Aeradio EE/OM (Fitzgerald-RI)
 8931 USB 0523 United 184 wkg Honolulu (M. Holmes-IL)
 8945 USB 0203 Aeroflot 333 wkg New York (M. Holmes-IL)
 8945 SSB 0518 Bahaman 8Ø2 wkg New York (Hall-CA)
 8959 USB 0452 Panama 89 clg San Andreas EE/OM (Fitzgerald-RI)
 8959 SSB 0526 Aeroflot 333 wkg New York (Hall-CA)
 8993 SSB 1415 TEAL Ø8 wkg McDill AFB FL (Blaise-IA)
 8993 USB 1849 TEAL 14 wkg Miami Monitor via McDill p/p (Russell-IL)
 9006 LSB 1424 SAM 26ØØØ wkg Andrews AFB MD (Chabak-AZ)
 9010 USB 1336 SWAN Ø4 wkg Swan Monitor via Andersen AFB p/p-YL/EE aboard(Chabak-AZ)
 9018 USB 2345 Navy 5Ø496 clg Andrews AFB MD for r/c (Chinsky-NY)
 10017 USB 0145 Varig 821 wkg New York (M. Holmes-IL)
 11176 USB 0423 Air Force One wkg Elmendorf AFB AK (Chabak-AZ)
 11182 USB 1941 TROUT 99 wkg Trout Ops via Scott AFB p/p (Russell-IL)
 11226 USB 1255 SWAN 12 wkg Swan Monitor via Andersen AFB p/p (Chabak-AZ)
 11239 USB 0135 SAM 12499 wkg Elmendorf Metro via McClellan p/p (Chabak-AZ)
 11246 USB 1834 Lightening 14 with r/c with McDill AFB FL (Russell-IL)
 11246 USB 2102 Lima Yankee Ø3 (P-3a/c) wkg McDill AFB FL (Fitzgerald-RI)
 11396 USB 2345 NOAA 43 wkg KJY74 Miami(Hurricane Center) (Huddleston-TX)
 13228 USB 2023 Air Bahama 6 wkg New York (M. Holmes-IL)
 13201 USB 0310 KING 86 wkg Letterman via Hickam AFB HA p/p (Russell-IL)
 13260 USB 1739 NOAA 42 wkg KJY74 Miami - in eye of hurricane Allen (Rankin-KS)
 13260 USB 1900 NOAA 43 wkg NOAA 42 and KJY74 Miami (Huddleston-TX)
 13328 USB 2054 Air Jamaica 95 wkg New York (M. Holmes-IL)
 15015 USB 1815 GULL 24 wkg Albrook AFB CZ (Rankin-KS)
 15015 USB 1848 KING 24 wkg Homestead Metro via Scott AFB p/p (Chabak-AZ)
 18027 LSB 1800 SAM 24126 wkg Andrews AFB MD (Russell-IL)

**** TACTICAL ****

4732 USB 1321 FLOOD CONTROL (Edwards AFB CA) wkg a/c FLOOD Ø1 (Chabak-AZ)
 6697 USB 0030 USN Ponce PR-HAMPSHIRE clg BARBARIC (Gitmo) (Chinsky-NY)
 8461 USB 2238 STONEBLOOD wkg STONEBLOOD AXLE OM/EE (Stock-CO)
 8972 USB 1239 CROSSCUT (Barbers Pt NAS) wkg Lima Lima 948 (Chabak-AZ)
 9023 USB 1335 GOLLIATH (Duluth IAP-NORAD) wkg DISPENSE (Chabak-AZ)
 9027 USB 1745 AVON CONTROL wkg AVON 12 (Pettit-IA)
 9567a USB 2322 DELTA 6 VICTOR (Army/NG??) with r/c's (Lucas-CA)
 9650 USB 2158 HERALD wkg BOOKSHOP BASE (Lucas-CA)
 10479a USB 0025 CRAFTY clg HAMMOND & others (Chinsky-NY)
 11176 USB 0435 INTIMATE (SAC-NEACP a/c) wkg Elmendorf AFB AK (Chabak-AZ)
 11214 USB 1246 RAYMOND 24 (Tinker AFB OK) Direct comms with EDGY 15 (Chabak-AZ)
 11243 USB 1053 BASEBALL (SAC-NEACP a/c) best to SKYBIRD (Chinsky-NY)
 11243 USB 1055 ANALYTIC (SAC-NEACP a/c) clg FOUNDER (Chinsky-NY)
 11243 USB 1746 ANACONDA ckg SKYPOST (Pettit-IA)

11254a USB 1830 DRAGNET GOLF wkg Trenton Military (Fitzgerald-RI)
 11441 USB 1848 DERBY Ø2 wkg ENCOMPPOSE(?) (Russell-IL)
 11494 USB 1813 CONCRETE wkg SKULL 89 (Russell-IL)
 13210 USB 2102 IRONWORK wkg McDill AFB FL with voice & data (Russell-IL)

**** NUMBERS/BEACON ****

3815a AM ????-0415 SS/YL 4dgps -21July80- Finale (Coleman-MA)
 4025 AM 1010-???? SS/YL 5dgps "ATT 704-45"-26June80-ended with Quebrar?(Boehm-TX)
 6916.9 AM 0817-0825 SS/YL 5dgps "ATT 280-83"-19June80-Finale x 2 (Munster-GA)
 6920 AM 0810-0820 SS/YL 5dgps "ATT 287-42"-31July80-Finale (Alexander-IA)
 7341.5 AM 0801-0807 SS/YL 5dgps "ATT 846-50"-19June80-Finale x 2 (Munster-GA)
 8871 AM 0723 SS/YL 5dgps -8July80- (Hall-CA)
 9109.4 AM I/P -0711 SS/YL 5dgps -29July80-Finale x 2 (Munster-GA)
 9265 AM 0115 GG/YL 4dgps -15July80- Ende (Stone-Ontario)
 9540 AM 0825 SS/ dgps "ATT -7June80- (Van Beurden-CA)
 10015 AM I/P -0620 SS/YL 5dgps 1July80-Finale (Pettit-IA)
 10500a USB 0205 EE/YL 5dgps "Papa Uniform"-15July80- (Fitzgerald-RI)
 11545 AM? I/P -0550 GG/YL 5dgps -10July80-ended with tone(Pettit-IA)
 12092 USB 0148 GG/YL 5dgps -26July80-Ende & music (Stone-Ont)
 15479a AM 2230-2235 SS/YL 5dgps "ATT 579-30"-4Apr80- Finale (Munster-GA)
 15578.2 AM I/P -2236 SS/YL 5dgps 30May80 -Finale x 2 (Munster-GA)
 15610 AM I/P -1513 ??/YL 4dgps 16June80 (Van Beurden-CA)
 15612a AM I/P -1237 SS/YL 5dgps 21May80-Finale x 2 (Munster-GA)
 15638 AM I/P -0515 SS/YL 5dgps 11June80-Finale x 2 (Munster-GA)
 17428.3 AM I/P -1712 SS/YL 5dgps 10June80-Finale x 2 (Munster-GA)
 13640a CW ???? TE or F beacon-very slow-5sec per character (Thompson-CA)
 17015.5 CW 2354 C beacon (Blaize-IA)

**** UNIDENTIFIED ****

5750 CW 0417 XRDF-ID mkr sent repeatedly by sloppy hand keying (Blaize-LA)
 9255a CW 2225 8KF2 - marker "CQ DE 8KF2" (Chinsky-NY)
 9427a CW 0139 UXR - Soviet Navy??? marker "RIT DE UXR" (Chinsky-NY)
 11191a CW 1126 BOF - "CUB DE BOF" followed by coded tfc (Chinsky-NY)
 11281a CW 1153 BOF - coded tfc (Mainland China???) (Chinsky-NY)
 12840a CW 2255 LWZ - DE mkr- very slow keying (Lithuania???) (Coleman-MA)
 14867.5 CW 1830 WAS - marker "CQ DE WAS" followed by coded tfc (Chinsky-NY)
 14968a RTTY 2345 YBU - RY tape 66/425 with 5 letter tfc (Alexander-IA)
 16300a USB 2305 NIMRD - EE/CM-1234554321- mentioned Gulfport (Thompson-CA)
 17040 CW 1500 UKA - USSR?? V/CQ mkr (Thompson-NM)

**** RADIOTELETYPE ****

BRAZIL: 12279 0023 PWZ- Brazilian Navy, Rio- ??/??? RY test/wkg CXR (Stein-NJ)
 CONGO: 10137 0230 TNL97-Brazzaville Metro- 66/850 - CQ tape (Alexander-IA)
 CUBA: 20932a 2011 CLP 1 - EMBACUBA- Havana- 66/425n-SS News (Stein-NJ)
 12005a 1050 COY895-Havana- 100/850- coded tfc to RIW (Chinsky-NY)
 CYPRUS: 19061a 2055 MKD- RAF Akrotiri- 66/425r - RY Fox test (Stein-NJ)
 19431.8 1659 MKD- RAF Akrotiri- 66/425r - RY Fox test (Stein-NJ)
 24656a 1327 MKD- RAF Akrotiri- 66/425r - RY Fox test (Stein-NJ)
 CZECHO-SLOVAKIA: 18985 1500 OLD2- CETEKA- Prague- 66/425r - SS news (Stein-NJ)
 ENGLAND: 14975 1900 GBW34B- A.P. London- 66/425r -EE news (Alexander-IA)
 19976.2 1245 GPA39- London Press Service-66/425r- EE news (Stein-NJ)
 20232a 1217 MKG- RAF London- 66/425r - RY Fox test (Stein-NJ)
 22552a 1527 GYA- RN London- 66/425r - RY Fox test (Stein-NJ)
 GIBRALTAR: 23417a 1530 GYU- RN Gibraltar- 66/425r - RY Fox test (Stein-NJ)
 GERMANY, 17394.8 1820 Y7A73-M.F.A. Berlin- 66/425 - QRA tape (Alexander-IA)
 EAST: 19947.1 1209 Y3F2- D.P. Berlin- 66/425r - QRA tape (Stein-NJ)
 GERMANY, WEST: 11638.5 1245 DJF8- Frankfurt- 66/425r- 5F Metro & tape (Alexander-IA)
 IVORY COAST: 9847a 0305 TUH- Abidjan - 66/850 - RY test & tfc GBLD (Alexander-IA)
 KENYA: 13737 1838 5YD7- Nairobi Air- 66/425r- RY tape (Stein-NJ)
 MALTA: 19960.5 0213 9HA- Luqa Air- 66/425n - RY test (Stein-NJ)
 MOROCCO: 19171.1 1701 CNM85- M.A.P. Rabat- 66/425r- FF news (Stein-NJ)
 NEW ZEALAND: 21790 2150 ZL047- NZ Navy- Irirangi- 100/850- Fox test (Alexander-IA)
 NIGER: 14937a 2230/2353 5UA-FCR Niamey-66/425r- RY tape(Alexander-IA)(Osterman-KY)
 NO. KOREA: 11424.6 2128 HMN52- Pyongyang- 66/425r- FF news (Stein-NJ)
 PERU: 11241a 0326 OBY- Paita - 66/850r - RY test (Osterman-KY)
 POLAND: 14362 ---- S0023- PAP Warsaw- 66/425n - RY test (Osterman-KY)
 23522a 1355 3ZB2Ø- PAP Warsaw- 66/425n - wkg 3ZB3Ø/3ZL3Ø (Stein-NJ)
 PUERTO RICO: 10710 0034 NAU- USN San Juan- 66/425n- RY Fox test (Stein-NJ)
 SAUDI ARABIA: 14372.5 0220 HZJ- Jeddah Air- 66/425n- RY tape (Stein-NJ)
 SENEGAL: 10492 2325 RFTJ- French Navy-66/425r- RY Fox test?? (Stein-NJ)

SPAIN:	12932.5	1843	EBA- Madrid R. Naval- 66/425r- RY tape (Stein-NJ)
	22470a	2150	EBA- Madrid R. Naval- 66/425- RY test tape (Alexander-IA)
SUDAN:	11062	0230	STK- Khartoum Air- 66/425r- RY test tape (Osterman-KY)
	11509	2322	STK- Khartoum Air- 66/425r- RY test tape (Stein-NJ)
	18165.7	2210	STK- Khartoum Air- 66/425- RY test tape (Alexander-IA)
SWITZERLAND:	19922.5	1241	4UZ39- Geneva - 100/425r- EE news, telex tfc (Stein-NJ)
TAIWAN:	13563	1345	3MA22- China News Agy. 66/850- QRA tape (Alexander-IA)
U.S.A.:	8025	1040	NAM-USN Norfolk- 100/850- coded tfc (Chinsky-NY)
	9050	0020	NAM-USN Norfolk- 100/850- coded tfc (Chinsky-NY)
	10130	0035	NAA-USN Cutler MA-100/850- coded tfc (Chinsky-NY)
	13997.5	0345	AIR-Wash DC- 60/850-Armed Forces Day test msg (Ewing-IL)
	22782.5	2030	US Info Agency-100/425- (Alexander-IA)
U.S.S.R.:	17155	2252	UFB- R. Odessa- 66/170r-3rd shift Cyrillic tfc(Stein-NJ)
	18834.7	1535	RWN74/RCE59-TASS-Moscow-66/425r- EE news (Stein-NJ)
	22176a	1434	vessel Krasnokamsk-66/170n-3rd shift Cyrillic(Stein-NJ)

**** QSLs ****

AUSTRALIA: VHP- RN HMAS Harmon, Canberra f/d ltr in 9mo for 2 IRCs 12907.5 Khz
vs: D.E. McKee, W.O. (Chinsky-NY)

BELGIUM: OST- Oostende Radio f/d B&W card in 116d for FF rpt. 13.067 khz (Chinsky-NY)

CANAL ZONE: NBA-USN Balboa f/d PFC in 35d for ms 17136.8khz
vs: R.D. Huber, watch supv. (Walters-NJ)

COCOS ISLAND: Aeradio- PFC in 35d air for 2 IRCs 11234khz USB 10kws Huber Omni ant.
vs: Ivan P. Hastie (Chabak-AZ)

ENGLAND: MTI- RN Plymouth f/d ltr in 47d for 2 IRCs 4310khz
vs: W.R. Downey, CRS Oper. (Walters-NJ)

ENGLAND: MTI- RN Plymouth ltr in 17 d for 1 IRC 4310khz (Holbrook-MD)

FRANCE: HWN- Naval R. Paris FF ltr in 48d for 1 IRC 4230khz (Holbrook-MD)

GIBRALTAR: GYU- Royal Navy f/d PFC in 55d for 2 IRCs 6371.2khz (Walters-NJ)

ICELAND: TFA- Reykjavik PTT f/d Card in 21 d for 2 IRCs 13.169khz (Walters-NJ)

ISRAEL: 4XC- Haifa Radio f/d ltr in 133d for 2 IRCs 17146.4khz (Chinsky-NY)

SCOTLAND: GXH- USN Thurso ltr in 194d for ms 7504.5khz (Chinsky-NY)

SOUTH AFRICA: ZSC- Capetown Radio f/d card for 1 IRC 17018khz (Kapinos-MA)

U.S.A.: AIR- Wash DC Certificate of merit for armed forces day test message-18may80
13997.5khz RTTY (Ewing-IL)

SHIPS: * NCDS- USNS CATAWBA (T-ATF 168) f/d PFC in 14d for ms 8241.5khz
vs: Allen R. Howard OIC Military Dept. (Chinsky-NY)

* EWBK- ODESSA (USSR cruise ship) ltr & pic pc of vessel in 12d for 1 IRC
500khz 250w (2nd USSR vessel QSL for Hank) (Holbrook-MD)

* JBUO- TOYOTA MARU #2 (Japanese car carrier) PFC for 1 IRC 22.234khz(Holbrook)

* KNIJ- MANULANI (container ship) ltr in 22d for ms 8370khz 500w (Holbrook-MD)

I am seeking data on the following tactical callsigns. Respond only if you have a positive ID on them. (send any data directly to me)

ACCORDION MAN (USAF?)	QUELL (a/c-USAF/ANG?)	SIERRA 4 JULIET GOLF (USN?)
APPLESAUCE (USAF?)	SUNNY VALLEY (USAF?)	WAR ROCKET (USN)
ABNORMAL 5Ø WTR-USAF)	DOG POUND (USAF?)	FISH HEAD CONTROL (USAF?)
COCK (a/c-USAF/ANG?)	MULTIPLY (USAF?)	KITE (a/c-USAF/R?)
BURNING BUSH (USN)	CACTUS ROSE (USAF?)	DISH PAN (USN)

While I'm at it, if you have any tac callsigns, (plus their IDs, which pertain to military/gov't comms) and are not shown in the SUG, Handler lists or whatever, send them along to me. If I can assemble a fair amount of them, I will offer the list for an SASE, to any Speedx ute.

After stumbling through my first column, I have these comments. Number fans, note the format I will use. Data printout for Time, is from when you first heard it until s/off... I/P indicates that xmsn was In Progress when you tuned in. After #dgps, give s/on identifier (if you heard it).. After date is s/off identifier. Finale x 2 (word Finale, repeated two times) if that is what you logged for the SS/YL 5dgps type xmsns. As you can see, I'm trying to compress all pertinent data, per logging, onto one line. Hope this method is helpful for you number buffs. If not, jump all over me with your gripes.

I goofed: All (Hall-CA) specifically means you Tim... In the future, same last name and state will, in addition, get the first initial. This goes for any other similar name/state monitors.

I have more QSLs, but they will show up next month.
To all utes: You've seen how I printout your loggings. If you have any objections, now is the time to set me straight. Once again, please print clearly, and include all pertinent data on each logging. This will keep me from going bananas when it comes time to type the column.

Otherwise, that's a wrap.

QSL REPORTS

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

September, and a sad note is brought forward from August. On Saturday, 9. August. 1980 the Managing Editor of SPEEDX, Oliver Ellsworth, passed away while recuperating from an operation at a Los Angeles Hospital. Ollie, who was in his late seventies, started with SPEEDX in 1971 handling secretarial duties, and the contributors lists. In about 1973, he became Managing Editor, and continued at this post until his death. I understand that SPEEDX, and the growing of tomatoes became the high-points of his life during his later years.

This month, John Kapinos checks in with a QSL from Voz Do Sao Vicente located in the Cape Verde Islands. This station is not heard very often. Alex O'Brien of Australia, and Craig Rocha of California report QSLs from The Burma Broadcasting Service. Reports on QSLs from this station are not received frequently. Charley Hoffman provides the correct address for Radio Clube de Dourados in Brazil. It is, Rua Ciro Melo 2015, Caixa Postal 68, Dourados, MS, Brazil. This differs from the address listed in the 1980 World Radio TV Handbook.

It is interesting to note that The Socialist People's Libyan Arab Jamahiriya Broadcasting Corporation has started verifying reports with a QSL card. Few verifications have been received from them since they put their 500KW transmitters into operation. Four members reported such cards from them this month.

A reminder about reports of verification from Standard Frequency and Time Signal Stations, these should be sent to The Utility Column, and not to yours truly. Postal expenses prohibit my passing them on to the Utility Editor. Recently I have been receiving reports with such information as frequency, and card description missing. Please be aware of this, since this information may be of use to other club members.

A great number of reports from 82 reporters this month, four for the first time. I hope that I can get them all in !

Away we go !

Europe

- ALBANIA: R. Tirana, 7065, f/d "Haut Leve L'esprit Revolutionaire" cd in 75d air, for 1 IRC (McLEAN NY), 7120, same cd in 80d sfc, for 1 IRC (CRAWFORD CA), 7300, same in 65d air, for 1 IRC (WITTE CA)
- ANDORRA: R. Andorra, 9220(?), f/d Young Couple with Mountains and Antennas cd in 31d sfc, no rp. (WESTBROOK APO NY)
- World Music R. via R. Andorra, 6215, f/d "Dial" cd in 114d air, for 3 IRCs. Mailed to Holland, received from Denmark (KEGEL MD), f/d Logo cd in 120d, for 2 IRCs (MEEHAN CT), 6219, f/d red/black cd via Holland in 60d, for EE rpt. and 3 IRCs (LOBDELL MA)
- AUSTRIA: ORF, 5945, 9770, 12015, 15260, 21655. F/d cds in 15-91ds air, for 1-2 IRCs no rp. "Contemporary Art", "Adam", "Snail with Castle" etc. (MILLER CA)(SMITH FL)(CARANNA VA) (SHEPHERD IL)(LOREN CA)(FRASER MA)
- BELGIUM: BRT/ORU, 15175, 15210, 15385, 17730, 21460. F/d cds in 18-65ds air, for 1-2 IRCs no rp. "Market Square", "ORU-3 Modulator in Transmitter" etc. (EDDIE MO)(BYRON NY) (ROCHA CA)(BAXTER KS)(MILLER CA)(SMITH FL)(HEYMAN NY)(THOMPSON NM) I am sorry, some of the above received f/d form ltrs. I always seem to make this mistake. bd
- BULGARIA: R. Sofia, 11750, f/d "Nessebur" cd in 57d air, no rp (OLSON CA), f/d "The Bachkovo Monastery" cd in 57d air, no rp (OLSON CA)
- CZECHOSLOVAKIA: R. Prague, 7345. F/d cds in 38-110ds air, for 1 IRC no rp. "Konopiste Chateau", "Tavern in the High Tatra Mountains" etc. (STONE ONT)(CRAWFORD CA)(LOREN CA) (REKICH PA)
- DENMARK: R. Denmark, 15165. F/d "Radiohouse Aerial Tower" cds in 14-39ds air and sfc, for 1 IRC no rp. (ZELLE MAN)(FARMER TN)(OAKLEY OR)(WESTBROOK APO NY)
- FINLAND: R. Finland, 15400, f/d "Finland in Spring" cd in 48d air, no rp (LOREN CA), no/data "Glass Industry" cd in 27d air, no rp (JONES VA), 21450, no/data "Spring in Finland" cd in 98d air, no rp (SMITH FL), 21475, no/data "Glass Industry" cd in 38d air, no rp (SMITH FL)

.. Conceit is the quicksand of success ..

FRANCE: R. France International, 21520, f/d Air view of Paris cd in 23d sfc, no rp (WEST-BROOK APO NY), 21595, f/d "Tour Eiffel" cd in 16d air, no rp (MILLER CA), 25820, f/d Seine River cd in 47d air, for 2 IRCs (THOMPSON NM)

GERMANY(Democratic Rep.) RBI, 9730, f/d Marathon cd in 53d air, no rp (SMITH FL), 11975, f/d Statue cd in 52d, no rp (BICKEL CA), 11890, f/d Map cd in 90d air, no rp (CARANNA VA), no freq. given, no desc. cd in 40d, no rp (BREWER TN)

GERMANY(Federal Rep.) Deutsche Welle, 6100, no/data Logo cd in 71d sfc, no rp (CARANNA VA) 6145, no/data Logo cd in ?d air, no rp (SMITH FL)

Sddeutscher Rundfunk, 6030, f/d Stuttgart Broadcasting House cd in 181d sfc, for 2 IRCs (McCURDY CA)

Sudwestfunk, 7265, date/freq. Abstract Ear Design cd in 38d air, no rp (FISHER MA)

GREAT BRITAIN: BBC, 9620, no/data "Tower Bridge" cd in 30d air, no rp (ZEHR NV), 15260, same cd in 21d air, for 1 IRC (SILVA CA)

GREECE: V. of Greece, 9655, f/d "Poros Island" cd in 38d air, for 2 IRCs (GONZALEZ NY) 11730, f/d Nicolaos Beach cd in 16d air, for 1 IRC (McCURDY CA), f/d "Chios-Seaside View" cd in 58d, for 1 IRC (SHEPHERD IL)

HOLLAND: R. Nederland, 9590, 9715, 15210, 17615. F/d cds in 31-78ds air, for 1 IRC no rp. "Special Inauguration of Queen Beatrix" (AUCOIN LA)(CUCURA PA)(COLLINS OR)(CLARK KS), (FARMER TN)

MALTA: Xandir Malta, 9670, f/d ltr. in 105d sfc, for 1 IRC, v/s Victor Aquilina (GODFREY ONT) Out of order - Wow ! bd

Deutsche Welle Relay, 11765, no/data Logo cd in 28d air, no rp (WITTE CA), 11865, same cd in 90d, no rp (KOPRIVA CA)

HUNGARY: R. Budapest, 9585, f/d Cathedral cd in 70d air, no rp (CRAWFORD CA), 9835, f/d Map cd in 50d air, no rp (BICKEL CA), f/d "Costume of Rimoc" cd in 59d air, no rp (OLSON CA)

ICELAND: R. Reykjavik, 12175, f/d "Autumn at Thingvellir" cd in 33d air, for 1 IRC (Hall CA)

MONACO: TWR, 9495, f/d Map with transmitter sites cd in 43d air, for 1 IRC (ZELLE MAN)

NORWAY: R. Norway, 9590, 9610, 15175, 15345, 17840, 21730. F/d cds in 20-81ds air and sfc, for 1 IRC no rp. "Hotel Mundal", "Steindalsfoss Waterfall" etc. (MCLEAN NY) (FARMER TN)(MEEHAN CT)(WESTBROOK APO NY)(AUCOIN LA)(HASKETT IN)

POLAND: Polskie R./R. Polonia, 9525, 11815, 15120. F/d cds in 31-43ds air, for 1 IRC no rp. "Steel Mill", Sailboat on Lake etc. (SMITH FL)(HOFFMAN PA)(CUCURA PA)(CRAWFORD CA) (KOPRIVA CA)

PORTUGAL: R. Portugal, 9575, 11925, 21530. F/d cds in 27-60ds air and sfc, no rp. "Winter Mosaic", Antique Table etc. (BAXTER KS)(SMITH FL)(VAN BEURDEN CA)(REBBETON ONT) (BICKEL CA)(MILLER CA)(O'DELL AR)(BEEMAN OH)(CUCURA PA)

R. Japan Relay/Sines, 15180, date/freq. "Strawhorse" cd in 18d air, no rp (REKICH PA), 15305, same cd in 26d air, no rp (OLSON CA), 15435, date/freq. "Koto Doll" cd in 41d sfc, no rp (WESTBROOK APO NY)

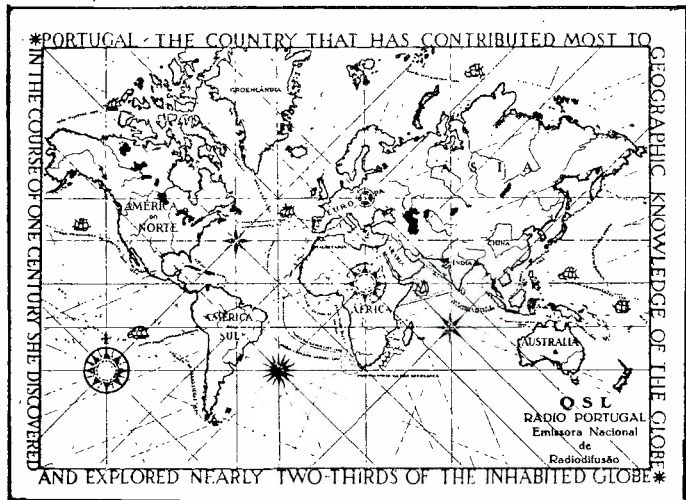
ROMANIA: R. Bucharest, 5990, 9570, 11940. F/d cds in 55-135ds air and sfc, no rp. "Moldova Spa", Modern Art etc. (SMITH FL)(MEEHAN CT)(HUFFAKER MEXICO)

SPAIN: R. Exterior De Espana, 11880. F/d cds in 15-35 ds air, no rp. "Sierra Nevada", Spanish Architecture etc. (VAN BEURDEN CA) (KOPRIVA CA)(ZEHR NV)

SWEDEN: R. Sweden, 11705, f/d fill-in cd in 29d air, no rp (HEYMAN NY), 15380, f/d forest and river cd in 16d air, no rp (JOHNSON IL), no freq. given f/d Map cd in 25d air, no rp (SMITH FL)

SWITZERLAND: Swiss R. International, 9725, 11715, 21520, 21570, 21585. F/d cds in 21-60 ds air and sfc, for 2 IRCs no rp. Swiss Countryside, Mountain Scene, "Jungfrau" etc. (REBBETOY ONT)(SILVA CA)(VAN BEURDEN CA)(MUNSTER GA)(SMITH FL)

.. Some people will believe anything if it is whispered to them ..



A Radio Portugal QSL from the past

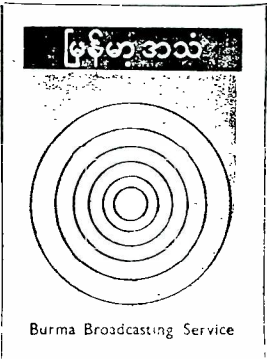
USSR: R. Moscow, 9710, 11960, 11750(Lvov), 11920(Moscow)(Baku), 12030, 12050, 15100, 15110(Kiev), 15150(Minsk), 9750(Pet-Kam), 12035(Moscow), 12055(Armavir), 11710 (Vinnitsa), 11715(Orsha), 15195(Moscow), 12070(Chita), 12060(Vinnitsa), 15245(Pet-Kam), 15330(Starobelsk), 15405(Khabarovsk), 15455(Simferopol), 17720(Moscow), 17770(Pet-Kam), 17765(Dushanbe), 21490(Irkutsk), 21530(Irkutsk). F/d cds in 27-79ds air no rp.
"Clock Tower", "Fireworks over the Kremlin", "Birch Trees" etc. (OLSON CA)(SMITH FL) (DESROSIERS MA)(FRASER MA)(FISCHER GERMANY)(LOREN CA)(HALL CA)
R. Kiev, 9795, f/d "Lybid Hotel" cd in 98d air, no rp (SMITH FL), 15270, f/d Economic Exhibition cd in 67d air, no rp (FRASER MA)
R. Minsk, 9785, f/d "Kharkovskaya Street" folder cd in 47d air, for 1 IRC (HALL CA)
R. Tallinn, 6085, f/d "Bits-3" airplane cd in 90d air, no rp; this received after letter follow-up because first cd had no/data (LOBDELL MA)
R. Tashkent, 15460, f/d Logo and Circus cds in 30d air, no rp (BAXTER KS), f/d Mosque and Skyscraper cd in 40d air, no rp (HUDDLESTON TX)
Ufa/Bashkir, 4485, no/data RR ltr. giving current schedule, also 2 post cds in 129d air, for 1 IRC (HALL CA) Their address was provided in Stuart's ltr. as CCCP, Bashkirskaya ACCP, 2-Ufa-80, U1. (Mendeieeba) 142 kb7 bd
R. Vilnius, 11735, f/d white cd + greeting cd in 88d air, no rp (HEYMAN NY), 15100, f/d folder cd in 136d sfc, no rp (BICKEL CA) (Ed. note: Do not indicate USSR sites unless they are designated on your OSL. These are even suspect. Please use one form for each QSL reported. This month, 20 R. Moscow reports were listed on one form. This helped get me out of order on R. Moscow frqs.)
VATICAN CITY STATE: Vatican R., 6015, 9605, 11700, 11845. F/d cds in 16-35ds air, for 1-2 IRCs no rp. Trees and Antennas, 500KW Rotating Antenna etc. (REBBETOY ONT) (HEYMAN NY)(SHEPHERD IL)(CURNELL OR)

Africa

BENIN(People's Rep.): ORTB, 4870, date/time five drawings Logo cd in 33d air, for 2 IRCs and cassette report (LENTZ PA)
CAMEROON: R. Yaounde, 4850, f/d green/white Map cd in 165d air, for 2 IRCs (SCHWEIKART VA)
CANARY ISLANDS: R. Exterior De Espana Relay, 15365, f/d "Carteles Turisticos" cd in 21d air, for ? postage, this after 3 follow-ups (WITTE CA)
CAPE VERDE(Republic): R. Voz Do Sao Vicente, 3930, date/freq. white cd in 42d, for 2 IRCs rptd. in PP (KAPINOS MA) Very good John ! bd
ETHIOPIA: V. of Revolutionary Ethiopia, 9560, f/d Antenna Tower cd in 112d air, for 3 IRCs (ROCHA CA)
GHANA: GBC, 4915, f/d Logo cd in 67d air, for 2 IRCs (HASKETT IN), date/only ltr. in 155d sfc, for 2 IRCs returned (HUDDLESTON TX)
KENYA: V. of Kenya, 4915, 4934, f/d ltr. in 121d, no rp, ltr. stated that all shortwave xmtrs. were located at Langata near Nairobi (HARDESTER CA)
LYBIA: SPLAJBC, 11690, f/d "Montage of Tripoli" cd in 80d air, no rp (FLYNN CA), 15105, same cd in 150d air, for 2 IRCs (MAISE LA), 15235, same cd in 40d air, for 1 IRC (JARRETT CT), 17930, same in 113d air, for AA rpt. and 3 IRCs (HARDESTER CA) Their address as listed on one QSL is; Secretariat of Information, Planning Dept. P. O. Box 3781, Tripoli, Libya
MADAGASCAR(Democratic Rep.): R. Nederland Relay, 11740, f/d "Happy Station" cd in 18d air, no rp (OLSON CA), 21480, f/d "Authentic Costumes" cd in 20d sfc, no rp (WESTBROOK APO NY), f/d Dutch Girl cd in 18d sfc, no rp (WESTBROOK APO NY)
MAURITANIA: Rdif. Nationale Rep. Islamique Mauritanie, 4845, f/d Map cd in 37d air, for 1 IRC (JARRETT CT), same cd in 33d air, for FF rpt. and MS (HOFFMAN PA)
NIGERIA(Rep.): V. of Nigeria, 7255, f/d "Remembrance Arcade-Lagos" cd in 160d sfc, for 2 IRCs returned (HUDDLESTON TX), same cd in 208d sfc, for 1 IRC (CRAWFORD CA)
FRCN Enngu, 6025, date/freq. ltr. in 130d air, for MS (VRANES PA), same ltr. in one year air, for 2 IRCs, v/s F. O. Adophy (SCHWEIKART VA)
FRCN Biafra, 6050, f/d ltr. in 35d, for 2 IRCs (KAPINOS MA)
FRCN Ibadan Zone, 6050, f/d form ltr. in 55d air, for MS (VRANES PA)
FRCN Lagos, 4990, f/d ltr. in 42d, for 2 IRCs, ltr. requested reports on International Service (KAPINOS MA)
RWANDA: Deutsche Welle Relay, 11965, no/data Logo cd in 200d sfc, no rp (EVANS TN)
SEYCHELLES: FEBA, 15400, no/data ltr. in 187d sfc, for 1 IRC (ZELLE MA)
SIERRA LEONE: SLBS, 5980, f/d no desc. ltr. in 49d sfc, for 3 IRCs (GEORGE TX), f/d personal ltr. in 65d air, for MS (KOWALSKI WI), f/d typed ltr. in 120d air, for 2 MS (TIMMER IN), f/d no desc. ltr. in 85d sfc, for 1 IRC (BERES CT), f/d no desc. ltr. in 70d, for 2 IRCs (KAPINOS MA) All v/s H. A. Lynch bd
SOUTH AFRICA: RSA, 5980, f/d "Cheeta" cd in 22d air, for 2 IRCs (SILVA CA), f/d "The Wary and the Weary" cd in 24d air, no rp (VAN BEURDEN CA), 17780, f/d "Cheeta" cd in 68d air, no rp (FISCHER GERMANY), 25780, same cd in ?d sfc, no rp (WESTBROOK APO NY)
TRANSKEI, Capital R. 7160, f/d ltr. + stickers in 120d sfc, v/s JTM Moody (LOBDELL MA)
TOGO: Rdif. TV Togolaise, 5047, f/d Map-Globe cd in 60d air, for 2 IRCs (WITTE CA)
UGANDA: UBC/R. Uganda, 15250, f/d "Studio Complex" cd with wrong freq. listed in 390d air, for 1 IRC (RZEPKA WI)

Asia

BANGLADESH: R. Bangladesh, 15285, f/d Aerogramme in 388d sfc, for MS, v/s Mobarak H. Kahn (HASKETT IN)
BURMA: Burma Broadcasting Service, 5040, f/d Logo cd, no other info. provided (O'BRIEN Australia), 5985, f/d Logo cd in 117d sfc, for 3 IRCs (ROCHA CA)
CHINA: R. Peking, 15520, 17855.

VERIFICATION CARD		QSL.
 <p>Burma Broadcasting Service</p>	Location.....	<u>AUSTRALIA</u>
	Wavelength	<u>50.40. KHz</u>
	Date	<u>9-1-80</u>
	Time.....	<u>21.00 to 16.00</u> (GMT)
	Your reception report has been examined and found correct <input checked="" type="checkbox"/> incorrect <input type="checkbox"/>	
<p><i>C. g. c. j.</i> Director (Broadcasting) Information and Broadcasting Department, Rangoon, Burma.</p>		

Thanks to: Alex O'Brien

INDIA: AIR, 11620, 15205, 15335. F/d cds in 159-320ds air and sfc, for 1-3 IRCs no rp. "Flamingos", "Kangra Temple" etc. (HALL CA)(JONES VA)(CLARK KS)(SNOWDEN CA)(BAXTER KS) (CURNELL OR)(KOPRIVA CA)(FISCHER GERMANY)

INDONESIA: V. of Indonesia, 11790. F/d and date/freq. cds in 87-162ds air, for 1-3 IRCs no rp. "Wedding Ceremony in Java", "Tanah Lot Temple on Bali" etc. (GODFREY ONT) (HOFFMAN PA)(DESROSIERS MA)(McLEAN NY)(KEGEL MD)(BREWER TN)(BERES CT)(ROCHA CA) RRI Manokwari, 6187, personal hand-written ltr. in Indo. with verie. statement in 35d air, for MS (LAZARUS LA) RRI Wamena, 5043, date/only personal ltr. in Indo. with verie statement in 49d air, for MS, v/s Benny Rumaropen (LAZARUS LA)

IRAQ: R. Baghdad International, 9745, f/d folder cd in 108d air, no rp (REKICH PA), same cd + pennant and travel info. in 46d air, for 3 IRCs (DONLY SC)

ISRAEL: IBA/KOL Israel, 9815, 11637, 11855, 15105, 15582, 21710. F/d cds in 30-108ds air, no rp. "The Tribes of Israel", "Chalutzim After the Day's Work" etc. (SMITH FL) (ZEHR NV)(REBBETOY ONT)(BAXTER KS)(KOPRIVA CA)(THOMPSON NM)

JAPAN: R. Japan, 9505, 15195, 15270, 17755, 17825. F/d and date/freq. cds in 11-26ds air, for 2 IRCs no rp. "Koto DoIt", "Straw Horse", "Pagoda and Sarusawa Lake" etc. (CLARK KS)(SMITH FL)(HUFFAKER MEXICO)(VAN BEURDEN CA)(SILVA CA)(THOMPSON NM)(OLSON CA)

JORDAN: R. Amman, 9560, f/d ltr. + schedule and post cd in 250d, for 2 IRCs (KAPINOS MA)
KOREA(Demo. People's Rep.): R. Pyongyang, 9977, f/d "Theatre Scene" cd in 90d air, no rp, also received pennant + post cds. (PETERS KY), same cd + poem book, pennant and Japel pin in 115d air, no rp (CONOVER KY)

KOREA(Rep.): R. Korea, 9720, 9810, 11830, 15570. F/d cds in 21-53ds air, for 4 IRCs no rp. Green Logo, KBS Building with Tower on Roof etc. (STROH IL)(SMITH FL)(LENTZ PA) (HASKETT IN)

LEBANON: R. V. of Lebanon, 6550, f/d ltr. in 150d air, for 2 IRCs, v/s Joseph EL-Hachem (PETERS KY)

MALAYSIA: V. of Malaysia, 15295, f/d "Garden City-Kuala Lumpur" cd in 34d air, for 1 IRC (MARSHALL GA), same cd in 30d air, for MS (VRANES PA)

BBC Relay, 9740, no/data Thames River cd in 14d, for 1 IRC, follow-up on 1978 rpt. (KAPINOS MA)

MONGOLIA: R. Ulan Bator, 12070, f/d blue folder cd + schedule and Pennant in 70d, no rp (EDDIE MO), f/d Mongal Horse and Rider cd in 140d sfc, for 2 IRCs (HUDDLESTON TX) Howard, The USPS tells me that even though a ltr. has no stamps on it the countries through which it must travel will honor the mode in which the originating country sends it. There has been strange happenings with mail from Mongolia lately. bd

OMAN: BBC Relay Masirah Island, 11955, no/data "Tower Bridge" cd in 53d air, for 4 IRCs (STROH IL)

PAKISTAN: R. Pakistan, 21755, time/freq. "Mosque at Lahore" cd in 90d sfc, no rp (GODFREY ONT)

PHILIPPINES: FEBC, 15440, No/data personal ltr. + schedule in 36d air, for 3 IRCs (MILLER CA), 17810, f/d Lake Scene with Hut cd in 113d air, for 3 IRCs, also received pennant (EDDIE MO)
R. Veritas Asia, 9605, 11935, 11955. F/d and one no/data cds in 18-53ds air, no rp. Veritas Tamil Staff, EE Programe Staff etc. (MILLER CA)(PAGANO DC)
VOA Relay, 15215, f/d "Satellite Americom" cd in 6d sfc, no rp (EDDIE MO)
V. of Philippines, 9580, date/freq. ltr. in 30d air, no rp (MILLER CA)
SAUDI ARABIA: BSKSA, 15060, f/d white cd with wrong date in 127d registered air, no rp (JONES VA)
SINGAPORE: R. Singapore, 11940, f/d "Singapore by Night" cd in 54d air, for 1 IRC (OLSON CA)
BBC Relay, 9740, no/data "Tower Bridge" cd in 24d sfc, no rp (WESTBROOK APO NY)
TAIWAN: VOFC, 11935, f/d "Jadite" cd in 25d air, no rp (MILLER CA), 15270, f/d "Ming Dynasty Vase" cd in 18d air, for 1 IRC (VAN BEURDEN CA), 15425, f/d "Horse Painting" cd in 43d air, no rp (LOREN CA)
TURKEY: V. of Turkey, 15360. F/d cds in 45-59ds air, for 1-3 IRCs. "Old Castle" (FRASER MA), Men with Flowers + pennant (HUDDLESTON TX), Sunshine Radio + pennant, and stick pins (OAKLEY OR)
UNITED ARAB EMIRATES: R. Colour TV Dubai, 21485, 21700. F/d Map cds in 25-56ds air, for 1-2 IRCs no rp, v/s Harold Robin. (VRANES PA)(WESTBROOK APO NY)(MAISE LA)(MARSHALL GA)(MUNSTER GA)
VIETNAM (Socialist Rep.): V. of Vietnam, 12035, f/d Dancing Girls cd + greetings cd and pennant in 51d air, no rp (ROCHA, CA)

Oceania

NEW ZEALAND: R. New Zealand, 15345, f/d View of Lake and Mountains cd + flag in 17d air, for 3 IRCs (LOREN CA), f/d Gate of India cd + schedule in 19d air, for 2 IRCs (BYRON NY)
PAPUA NEW GUINEA: NBC, 4890, f/d Map cd in 51d air, for 2 IRCs (FARMER TN), same cd + pennant in 45d, no rp (CURNELL OR), same in 72d air, for 1 IRC (JARRETT CT), same in 50d air, for 2 IRCs (VAN BEURDEN CA) 9520, f/d Map cd in 25d sfc, for 1 IRC (MARSHALL GA)
R. Manus, 3905, f/d ltr. via Lorengau in 17d air, for EE rpt. and 3 IRCs (Hardester CA)
R. North Solomons, 3322, f/d typed ltr. in 119d air, for 1 IRC, v/s Aloysius Sahoto (HALL CA), same in 250d, for 2 IRCs (KAPINOS MA)
VANUATU: 7260, f/d "Tam Tam- Head of Slit Gong" cd in 28d air, no rp (McLEAN NY), same cd in 21d air, for 2 IRCs, v/s I, J. Irving (VRANES PA)

Antarctica

ESPERANZA BASE: LRA-36/R. Nacional Arcangel San Gabriel, 6029, date/only "Certificado Confirmando Escucha" with station seal in 270d sfc, for 2 IRCs, rpt. sent to Esperanza Base, v/s Alberto Calmon, Director LRA-36 (RANKIN KS)

South America

ARGENTINA: R. Rivadavia, 5882, f/d "Double Bird" cd in 20d air, for 2 IRCs, v/s Jorge Falcone (JARRETT CT)
BRAZIL: R. Nacional/R. Bras, 15290, f/d cd Studio Building in 125d air, for 3 IRCs (EDDIE MO)
R. Brazil Central, 4985, f/d PP/EE ltr. also another personal ltr. in 210d sfc, for MS (VRANES PA), f/d PP/EE ltr. in 51d, for 1 IRC, v/s Jose Castro Jr. (JARRETT CT), same in 100d air, for 2 IRCs (BREWER TN), same in 83d air, for 2 IRCs (ROCHA CA)
R. Clube de Dourados, 3375, ltr. with verie. statement + pennant, post cds and key chain in 53d air, for PP rpt. and MS (HOFFMAN PA)
R. Dragao Do Mar, 4925, no/data personal PP ltr. + post cd in 120d air, for PP rpt. and MS (LAZARUS LA)
R. TV Cultura, 17815, f/d Bureau cd + post cd and Ltr. in 21d air, for 2 IRCs, v/s Jose Carlos da Silva (ROCHA CA)
R. TV Gaucha, 11915, no/data PP ltr. with station info. in 37d air, for 3 IRCs, v/s Celso Ferreira (ROCHA CA)
CHILE: R. Agricultura, 9630, date/only statement written on pennant in 34d, for 1 IRC (EDDIE MO)
R. Universidad de Concepcion, 6135, no/data white cd + personal ltr. in SS in 90d, for SS rpt. and MS, v/s Carlos Godoy (LOBDELL MA)
COLOMBIA: R. Sutatenza, no freq. given, date/freq. Christmas Tree folder cd in 30d air, for SS rpt. no rp (LENTZ PA)
ECUADOR: HCJB, 9745, 11740, 11775, 11900, 11910, 17825, 17890, 26020. F/d cds in 14-60ds air, for 2 IRCs no rp. "Totita-potteryhead", Jungle Scene, "Colonial Architecture" etc. (LOREN CA)(OLSON CA)(SILVA CA)(McLEAN NY)(CURNELL OR)(SMITH FL)(MILLER CA)(HEYMAN NY)(HOLBROOK MD)(THOMPSON NM)(JOHN REP. GUYANA)

ECUADOR(continued): La Voz de Galapagos, 4810, freq./only "Iguana" cd in 82d, for 2 IRCs (EDDIE MO), freq./only no desc. cd in 124d, for IRCs (DESROSIERS MA)
 R. Quito, 4920, freq. only multi-lingual folder cd in 47d sfc, for 1 IRC (JARRETT CT)
GUYANA(Rep.): GBS, 5950, f/d form ltr. in 40d air, for 1 IRC (HASKETT IN), same in 180d air, for 2 IRCs (SCHWEIKART VA)
SURINAME: SRS, 4850, f/d ltr. + folder cd in 90d air, for 1 IRC (EDDIE MO)
 R. Apintie, 4794, f/d ltr and pennant via air, v/s E. Vervvuurt (HARDESTER CA)
VEZUELA: R. Continente, 5030, no/data form ltr. in 210d air, for MS (MCCURDY CA)
 R. Juventud, 4900. F/d and date/freq. "Jitterbugs" cds in 36-231ds air and sfc, for 2 IRCs (HASKETT IN)(HALL CA)(HUDDLESTON TX), also pennant (ROCHA CA)
 R. Lara, 4800. F/d and date/freq. Globe-Logo cds in 74-125ds air and sfc, for 2 IRCs no rp. (MCLEAN NY)(WITTE CA)(GONZALEZ NY)
 R. Rumbos, 4970, f/d Fountain cd in 49d sfc, for SS rpt. and 2 IRCs (ROCHA CA)

North America

COSTA RICA: R. Casino, 5954, f/d EE/SS cd + pennant in 38d, no rp (HOOK FL)
 R. Rumbo, 6075, f/d Bumper Sticker Decal in 59d air, for SS rpt. and 2 IRCs (HOFFMAN PA)
 TIFC, 5055, f/d Microphone cd + pennant in 15d air, for 1 IRC (BICKEL CA), 6175, same in 207d air, for 3 IRCs (HASKETT IN)
CUBA: R. Habana, 9525, 11760. F/d cds in 32-172ds air, no rp. "Morro Castle and Light" etc. (HUDDLESTON TX)(ROCHA CA)(BICKEL CA)
 R. Moscow Relay, 9600, 11840. F/d cds in 40-59ds air, no rp (HALL CA)
DOMINICAN REPUBLIC: HIBE, 4930, date/only form ltr. in 55d air, no rp (HUFFAKER MEXICO)
GREENLAND: R. Gronlands, 9570, freq./only Repeter station cd in 122d air, for 1 IRC (DESROSIERS MA)

GUATEMALA: La Voz de Guatemala, 6180, f/d Logo cd + pennant in 103d sfc, for 1 IRC (BERES CT)

R. Mam, 4825, date/only ltr. featuring pennant copy on one side in 72d air, for 1 IRC (EDDIE MO)

TGUMA/Adventist World Radio, 5980. F/d Globe/Logo cds in 18-93ds air, for 1-2 IRCs, in 90d for MS, in 92-100ds no rp. (VRANES PA)(CARANNA VA)(MARSHALL GA)(FISHER MA)

(BREWER TN)(FARMER TN) This is new AWR Station, their address is: Programming Dept. AWR. Apartado 35-C, Guatemala City, Guatemala. Thanks to Alex Vranes for address bd

TGNA, 3300, f/d Microphone cd in 25d air, for 1 IRC (HASKETT IN)

HAITI: 4VEH, 9770, 11835. F/d Chidren cds in 121-149d sfc, for 2 IRCs no rp.(BAXTER KS)(MCLEAN NY)

(HEYMAN NY)

MEXICO: XERMX, 17765, f/d Logo cd in 62d sfc, for 1 IRC (BAXTER KS)

XEWW, 15160, freq./only ltr. in 358d air, 240d after follow-up, for MS, v/s Rafael Cardona Lynch (HARDESTER CA)

MONTSARRET: Deutsche Welle Relay, 9545, no/data

multi-coloured DW Logo cd in 28d air, for returned postage, v/s Thiele (WITTE CA)
NETHERLANDS ANTILLES: R. Nederland Relay, 6165, 9590, 9710, 9715, 15220, 17610. F/d cds in 15-90ds air, for 2 IRCs no rp. (NEBRON CA)(SILVA CA)(REBBETOY ONT)(KEGEL MD)(FLYNN CA)(BYRON NY)(VAN BEURDEN CA)(LOBDELL MA)

TWR, 15350, 15440. F/d cds in 25-27ds, 1-3 IRCs (SILVA CA)(SHEPHERD IL)

NICARAGUA: LVN, 5950, no/data ltr. + pennant in 210d, for 2 IRCs (KAPINOS MA)

CANADA: (CONOVER KY)(JAMES MI)(CUCURA PA)(WITTE CA)(AUCCOIN LA)(BAXTER KS)(JONES VA)

(MAYSE LA)(GONZALEZ NY)(LOREN CA)(OLSON CA)
USA: (BICKEL CA)(LOREN CA)(MILLER CA)(EDDIE MO)(SILVA CA)(MCCURDY CA)(HASKETT IN)

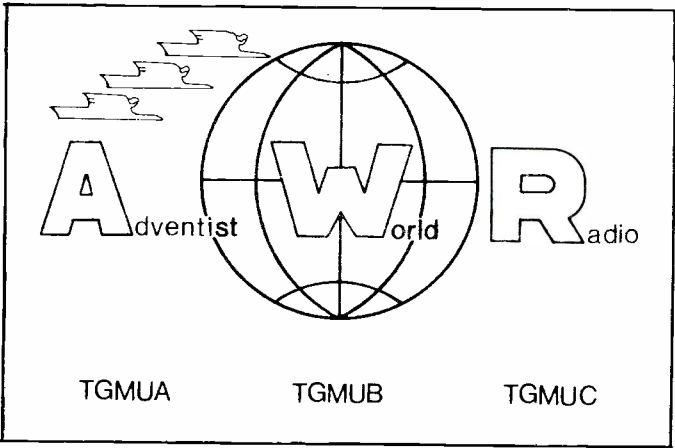
Clandestine

USA: Moonshine R. (BICKEL CA), R. Confusion (HASKETT IN)(CONOVER KY), Syncom(HASKETT IN)

Catch up with you again in 30 !

Bob

17. August. 1980



Thanks to: John Fisher, and Paul Brewer



THE COAT OF ARMS OF SIERRA LEONE



VERIFICATION CARD

Location U.S.A. QSL

Wavelength 5040

Date 31. 10. 74

Time 14:48 to 15:20 (GMT)

Your reception report has been examined and found correct/incorrect.

Am Yew 10/12/74

for Director,
Information and Broadcasting Department,
Rangoon, Burma.

QSL
POTPOURRI

Tips and Topics

The Feature Section of SPEEDX

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

CEYLON AND THE MALDIVES

by Adrian M. Peterson

Several months ago, I made a 10 day itinerary to Sri Lanka and the Maldive Islands, for the purpose of making my annual visit to the two radio stations.

While in Colombo, I met with the UADX members in the friendly home of Victor Goonetilleke. About a dozen DXers turned up, and of interest were the new UADX Certificate, their "Country List", and the "Tropical Band Survey".

I was pleasantly surprised to find that SIBC in Colombo had already commenced the broadcasting of "Radio Monitors International" on the popular HS network, Channel 2 English. This service is heard on a total of 5 outlets, 2 FM, 2 MW and 1 SW.

While in Colombo, I noticed that Wekikada 1 kw 975 kHz was temporarily off the air. This was pending a slight frequency change. This lonely little MW transmitter is used as a back up and fill in service for the stronger Diyagama outlet. The 20 kW MW station at Amparai is now on 861 kHz, ex 855. TWR Puttalam changed frequency in January from 891 to 882 kHz.

I also visited the new TV station in Colombo. It operates on Channel 12, with 1 kw video and 100 watts audio. Honestly, it is the smallest TV station I have ever been into! However, in all fairness I must say that it is only a temporary fill in station, pending the erection of a large new station. The temporary station is on the edge of suburban Colombo. The big new studio block will be opposite the present SIBC studios, and the transmitter will be high up in the mountains where coverage of much of Sri Lanka can be achieved from one location.

In the Maldive Islands, I also visited both the radio and TV stations. The radio station, previously known as MIBS, "Maldive Islands Broadcasting Service", is now known as the "Voice of the Maldives". Currently, there are now 5 transmitters in Male which are in daily use. The 3 new Racal transmitters of $7\frac{1}{2}$ kW from the British Forces Base on Gan Island are all used on 4754 kHz. One transmitter is used for the morning service, one for the evening service, and the other as a standby. The old 41 m band transmitter has been converted to MW and it is operating with about 1 kW output on 1485 kHz (not 1458 as listed in other publications). The old 1 kW MW outlet previously used on 1501 kHz nominal, (but which was about 10 kHz wide on each side band!) is now kept as a standby. The old 49 m band transmitter is now used in the midday service on the 31 m band. It emits about 1 kW.

There are also two Racal transmitters of 30 kW each installed in the Male radio station. These also came from the BFBS Gan Island Base. They were tested on one occasion in Male about 3 years ago. However, because of an electrical fault, they have not been used since.

While in Male, I checked all 3 channels, and I found that 4754 is right on frequency. The MW outlet 1485 is actually on about 1485.5, and 9550 is on 9552.

Previously, MIBS used to operate a continuous broadcast service throughout the day from local early morning to late evening. As the propagation conditions changed throughout the day, then different fixed frequency transmitters were switched into service accordingly. The Commercial Service was a second, and external service in the evenings. However, there are now separate time blocks for programming, morning, midday and evening, and no Commercial service which was deleted in January 1979. The SW channels carry in parallel the MW service, and only 2 SW Channels are now in use.

The TV station in Male is a fine new installation. It operates from 7 p.m. - 8.45 p.m. each evening on Channel 7. When the station opened on March 29, 1978, there were only 35 TV sets in the Maldive Islands. At the time of my visit to the Maldives, there were 650 TV sets in use. Well actually, on the first day of my visit I watched TV on my hosts TV receiver, but that evening the set went out. That meant only 649 TV sets in use. Then, when I was in a shop (the only one I could find which had a TV set on the shelves, and there were only 3 in that shop!) watching TV, a customer came in and bought the set I was watching. So, that restored the number of TV sets in use in the Maldive Islands bank to 650!

Both Ceylon and the Maldives are delightful islands to visit. They are splendid tourist locations in addition to their excellent DX potential.

PANASONIC RF-2600

by Bob Palmer

DXing with the RF-2600 is a lot like being marooned on a desert island with seven cases of warm beer and a 160-pound blonde. That is, it's a whole lot better than nothing.

To those who are eyeing the RF-2600 because it seems like a lot of radio for the money (around \$200), my advice is to shop and compare before buying. There are far better receivers for, say, twice to three times the money - real communications receivers built for DXing - but for just listening, the RF-2600 is hard to beat for \$200. FM reception is superb and SW is far better than what one would expect from a receiver in the \$150-250 bracket.

One serious failing is its lack of capability on mediumwave. It is insensitive and hardly capable of directional reception in the MW band with its built-in ferrite loop. I obeyed the manufacturer's instruction to not try to get inside the set; however, one of bolder nature than my own might find that one could adapt the set for use with an external loop antenna with much better results. Strong local BCB stations splatter beyond 10 kHz either side of their carrier frequency even in the "narrow" bandwidth position.

Several other outstanding deficiencies must be mentioned, as these mar SW reception considerably:

The SW spectrum from 3.9 - 28.0 MHz is tuned in only 4 bands, thus allotting 6 MHz per band, which makes the tuning rate far too high. This excessively high tuning rate is replicated in the shortwave calibration and BFO pitch controls, the result being that SSB reception is marginal to say the least! This condition is further aggravated by a weak BFO and what appears to be backlash in the gear train which accomplishes the main tuning. On my RF-2600 a drift of 2 kHz within any 10-15 minute period after initial warmup (usually down the band) is to be expected. If you are really into SSB reception, you should probably look elsewhere, as the RF-2600 will disappoint you badly.

Grant Manning, of Radio West, tells me that the RF-2600 incorporates a 3 MHz first IF. Inasmuch as this situation produces very audible images 6 MHz away from the fundamental frequency of any strong station, you will hear 19 meterband stations down among the few stations which are supposed to be between 9.0 and 9.5 MHz, any time when 19 meters is perking. You will also experience 31 mb images later in the evening up among the 19 mb stations. This condition can be damped somewhat by NOT using the built-in whip, but rather an external antenna and ground. One can further defeat the image problem by inserting a simple pi-section antenna tuner between antenna/ground and the RF-2600. Presumably a true preselector would wipe them out entirely.

Selectivity, as one might expect, is inadequate for serious DXing. The "wide" bandwidth position permits excellent audio if the nearest station is at least 15 kHz away (in the case of weaker adjacent stations, 10 kHz). For DXing in crowded bands the "narrow" position just doesn't do it. Sideband "splatter" from strong stations 5 kHz away (10 kHz on the BCB) cuts intelligibility of the tuned signal badly - especially so when the interfering station is transmitting "rock" music.

The RF-2600 possesses very good control over audio quality. With the base control completely clockwise the audio is quite "bass-y." However, by turning the bass control completely counterclockwise and "treble" completely clockwise, very accurate and pleasant reproduction of speech is obtained. Even music is aesthetically acceptable with the controls in these positions. Static crashes and various and sundry other noises are more annoying, but these can be minimized by rotating the "treble" counterclockwise (at the expense of very "bass-y" audio).

If you buy the RF-2600, FORGET the whip antenna and install and use a good ground and outdoor longwire (or vertical) antenna. In either case reception can be enhanced by use of an outboard antenna tuner or preselector.

A big "plus" for the RF-2600 is its easily-readable blue-green digital frequency display. I've never known it to be inaccurate, and it measures frequency to the nearest kHz, on MW and SW; 0.1 MHz on the FM band. Formats are: XXX.X MHz on FM, XXXX kHz on MW, and XX.XXX MHz on the four shortwave bands. BCB DXers who may be lured by the prospect of digital readout on the MW band should consider carefully the drawbacks outlined in paragraph three, though.

One last big "plus" for this receiver is an effective rotary RF gain control rather than a 2 or 3 step attenuator. It is very useful for getting exactly the desired amount of

attenuation on strong signals. And it is this last feature which makes possible a very big surprise! Even with main tuning and BFO controls which vary the received frequency much too rapidly, (a highly tenuous form of) ECSS reception is possible!

ECSS reception is accomplished by making very judicious use of the RF gain control as follows:

1. Tune an AM station to either sideband somewhere within 2 kHz of the carrier.
2. Retard the RF gain control to the 9 or 10 o'clock position.
3. Switch on the BFO and tune the BFO control to a position just a hair lower in frequency than exact zero beat.
4. Advance the RF gain control clockwise until exact zero beat is obtained and the signal is again entirely readable.

ECSS reception in any receiver takes a skilled and steady hand; much more so with the RF-2600 because of its propensity to excessive down-drift. The surprising thing is that ECSS can be had by means of the very slight increase in frequency that can be obtained by advancing the RF gain control from a retarded position, which allows it to act as a fine-tuning vernier. You might expect to make several very minute adjustments of the main tuning and/or RF gain controls while tuning in ECSS because of the drift factor in any 5 to 10 minute period. In other words, with the RF-2600 you don't leave the receiver and go into the other room to enjoy what you've tuned in ECSS. You sit right in front of it and tune VERY carefully as it drifts. I had never tried tuning ECSS before, and was amazed at the improvement in reception on weaker or crowded signals, or those beset by some noise.

Thus in my analogy of the desert island, perhaps the beer turns out to be Guinness Stout and the blonde has her 160 pounds attractively distributed on a six-foot frame; my point being: one can be very content on a desert island under the right set of circumstances, and one can be very content with an RF-2600 once you learn what it will and won't do and have learned how to make it do a few things for which its manufacturer may not have designed it. If you're new to DXing and haven't much for an initial investment in the hobby, or if you just enjoy good shortwave reception, as I do, you'll love your RF-2600 and the extra \$250 - \$1000 you didn't have to spend on it.

The author would appreciate hearing from other RF-2600 owners about how THEY get along with their sets. Write to him at E. 3908 Cleveland, Spokane, WA 99207.

DXING FINITE LIMITS

by Steve Kennedy

Writer's Note: This paper may contain statements which some readers may not agree with, and are considered a matter of opinion. However, it is felt that there are limits to which a SWL/DXer can expect to attain after several years of great activity. This should not be a deterrent to continuation in the hobby; but be forewarned - the going may well enough get quite difficult.

Currently, there is a great change going on within the SWL/DX hobby. Primarily this stems from the change of emphasis from QSL hunting to more actual programme listening. In reality, the broadcasts are intended to be listened to as a means of exchange of ideas from the station to the listener. The broadcaster is presenting the programme in hopes that the listener will enjoy it, write to the station with some form of "feedback"...and hopefully the listener's interest in the programme is high enough to merit regular listenership to the station.

The initial listening of a SW broadcast often means a new station/country for the DX/SWL fan. In this light, the first letter sent to the station is a reception report for a QSL ...and often the station is forgotten after the card finally arrives. This is obviously the normal habit of beginning SWLs and QSL hunters.

After a few years, the QSLs get harder to obtain; interest may wane and the SWL/DXer becomes bored...either gives up or tries another type of listening activity.

There are finite limits to how far the average SWL/DXer can expect to hear new stations. In this paper, the writer will assume that the listener uses a popular receiver such as a FRG-7, RF-4800, DX-160, or the like. We shall also assume the receiver is connected to a decent outdoor type antenna.

At present there are approximately 90 different SWBC organizations in the world which program for a foreign audience. This does not include the commercial domestic SW outlets

in the SWBC bands. There are approximately 1550 HF SWBC transmitters in about 110 countries on the 49-11 meter bands. Remember again we are at present looking at the international broadcasters.

Depending upon the location, the SWL/DXer on the East Coast of the US will hear different stations than his counterpart located on the West Coast. Generally speaking, the WC DXer will fare better with Pacific and Asia DX, hear little African DX and some European stations. The reverse of this is true of the EC DXer. In either location, generally 80-90 of the stations which are international SWBCers can be heard with ease.

The HF IBCer is willing to accept reception reports, and usually these are the ones that most beginning and intermediate SWL/DXers go after. These stations account for much if not most of the countries which can be QSLed.

The next level of SW DXing is of course the domestic stations in the tropical bands and also on the lower HF bands. These stations are not intentionally broadcasting to a foreign audience, and often are not really interested in reports. However, due to good public relations some SWL/DXers have had with many of these stations...a QSL can be had if the DXer is willing to really work at it.

We all know that many domestic SW outlets are low powered outfits, with small staffs, and few dollars to be spent on DXers. In order to hear many of the domestic SW stations, a very selective receiver, and a very good antenna is needed. Also bear in mind the listener will have to put up with far worse interference than that which is heard on the international bands. Approximately 30-40 countries can be heard and QSLed with the typical equipment mentioned earlier. These are often the forgotten stations...once QSLed, the station never will hear of the DXer again. At this point, the SWL/DXer will have reached his limit of being able to reasonably QSL most of what he can hear.

The totals finally have reached maybe 130-140 countries verified on the tropical and HF bands. What else is there to do?, is often asked. Why not move into Utility DXing, MW DXing, Ham DXing, or just simply start to sit back and listen to some programming instead of chasing after DX!

This writer is not a DX specialist...interested in just one type of DXing activity. From personal experience, the type of DX sought after changes from season to season, and year to year. MW and tropical bands are of interest during the winter months. Also some long-wave DXing is done during good winter nights. HF bands with SWBC and some Ute DX dominate the summer months. FM DXing is done on exceptionally good summer days. When ever the SWBC DXing gets tiresome, then it's off to try for ham DX.

The most important thing to remember is that total emphasis on one single aspect of DXing can eventually...and does...lead itself to a feeling of boredom. For continuous satisfaction in the hobby, it cannot be over emphasized that several DX interests are needed to sustain a good healthy interest in the hobby. Amazingly enough, this can eventually lead to becoming an excellent all-around DXer.

In conclusion, there are limits to the SWL hobby which do not mean that it is time to give up the hobby...really it's time to change the area of specialty...and go on listening. Thar's still lots of good DX gold on them thar bands...it ain't all SWBC, and MW ...can be them utes or the hams...maybe FM or longwaves...but thar's DX gold in them bands! Go Get Them!

=====

THE END OF ANOTHER ERA-VOA BETHANY

by Adrian M. Peterson

At the time when VOA Dixon was removed from active service last year, it was announced that VOA Bethany would be retired at the end of August, 1980. Although no new information is available, it is presumed that VOA Bethany will make its last broadcast on Saturday September 6, at the end of the period J80. Thus, VOA Bethany joins VOA Dixon, as a station redundant, but maintained.

The VOA transmitter base at Bethany was itself a part of the American historical heritage, and it was on the air for some 35 years. Its origins go back to the beginnings of radio broadcasting in the very early pioneer days.

This is the story of VOA Bethany.

The Crossley Corporation launched its first radio broadcasting service in April 1921, just a few months after the inauguration of the famous KDKA in Pittsburgh, Pennsylvania. The new Crossley station operated on MW with a power of just 20 watts. Its programs originated in the home of the owner, Mr. P. Crossley, in Cincinnati, Ohio.

From this modest beginning, radio station WLW developed into a multi-band radio outreach, utilizing many transmitters in the MW, SW, FM and TV bands.

In the year 1933, the FCC in the United States authorized the construction of a 500 kW super power transmitter for station WLW. This huge experimental transmitter of half a megawatt output was located at Harrison, on the western edge of Cincinnati. The antenna 831 feet high, was at the time, one of the world's tallest structures, being just a little shorter than the famed Eiffel Tower in Paris. The huge new transmitter was licensed with the experimental callsign W8XO, and it began after hours test broadcasting in February 1934. The programs originated in the city studios of WLW, and it used the 700 kHz channel normally employed by the 50 kW WLW transmitter at Mason, north of Cincinnati.

The 500 kW W8XO-WLW was erected to determine the feasibility of establishing a small network of super power stations to give nation-wide coverage throughout the United States. It was heard in every country of the world, and it was on the air until the early days of World War II. It's slogan "The Nations Station" epitomized its gigantic role in pre-war radio broadcasting.

The first SW broadcasts from a Crossley station began in 1925, when a small 50 watt transmitter was installed in conjunction with the MW transmitter. This outlet was licensed with the experimental callsign W8XAL. It was allocated the 49 m band channel 6060 kHz. Also in 1925, a 250 watt SW transmitter was installed at Mason for WLW, and in the 1930's a 10 kW unit was brought into service.

At the commencement of the international crisis in 1939, the experimental callsign W8XAL was regularized to WLWU, and again 6 weeks later to WLWO. At the same time a CP was issued permitting the installation of a 50 kW SW transmitter at Mason. This new unit became operational in early 1940.

On February 24, 1942, the 50 kW WLWO at Mason, Ohio was incorporated into the OWI-VOA network. On July 3, in the following year, another 50 kW transmitter went on the air at the Crossley radio base. This was a converted MW transmitter, KFAB, and it was re-licensed as WLWK. These two transmitters continued in active VOA service to 11 years.

Of interest is the fact that the prewar W8XAL was re-activated in the summer of 1947 for the National Bureau of Standards. By now W8XAL emitted 1 kW with unmodulated signals on the familiar frequency of 6080 kHz. This radio service from W8XAL on behalf of WWV was on the air for four years until 1951, under a new callsign KQ2XAU.

The Mason SW station, WLWO-WLWK retired from active service in 1953, when it was replaced by the nearby VOA station at Bethany.

Construction work on the new VOA station at Bethany, Ohio commenced in November 1942. The 729 acre transmitter base was located at Tylersville Road, 26 miles north of Cincinnati, and the 30 acre receiver base at Tolbert Road, 16 miles NW of the transmitter site. The station was erected to serve as a feeder to Africa and Europe, and as a direct broadcaster to Latin America.

The first transmitter, 200 kW WLWL became operational on July 1, 1944. Subsequently, WLWR and WLWS, both of 200 kW were added. The lower powered WLWI was installed somewhat later. Three more SW transmitters were installed at Bethany during the 1940's and these were designated WLWL WLWR and WLWS with the digit 2 appended.

The VOA station at Bethany replaced the older facilities operated by Crossley at Mason, Ohio, and the NBC-RCA station at Bound Brook, New Jersey.

In 1951, the callsigns of the 8 transmitters at Bethany were allocated the general callsign WLWO, with the numbers 1 to 8 indicating the specific transmitter.

In 1963, the Crossley SW base at Bethany was handed over to the Federal Government, and 2 years later, a modernization program was implemented. In 1964, all callsigns were dropped, and the station identified on air as the Voice of America, Bethany.

The first Collins transmitter of 250 kW became operational on November 20, 1967, and the final Collins transmitter was switched onto full power on August 22, 1968.

In recent time, VOA has turned to the use of satellites for relaying its programs from the studios in Washington to the overseas transmitter bases. Consequently the Bethany relay station has become redundant, and it is scheduled for retirement in August this year.

Currently, VOA Bethany contains 10 transmitters ranging in power from 5 kW to 250 kW, and 22 antennas. There are three transmitters of 250 kW; three of 175 kW; two of 50 kW; one of 15 kW and one of 5 kW. The lower powered transmitters were used for communication traffic and the high powered for program relay. There are 8 high gain curtain antennas at Bethany and 14 rhombics, directed towards Europe, North Africa, West Africa and Latin America.

At the height of its usefulness, VOA Bethany was on the air for 120 hours daily. However, from September 1980 onwards, it is silent, kept in readiness for possible usage, but not

in active service.

VOA Bethany was itself on the air for 36 years; the Mason-Bethany SW stations were on the air for a total of 55 years.

Goodbye Bethany!

SONY ICF-2001

by Vijay S. Tripathi

The newly announced Sony ICF-2001 is destined to offer the degree of accuracy and convenience in tuning and pinpointing a station, never before available to an average SW enthusiast. Consider the fact that listening to SW, and DXing in particular, depends not only on the ability to tune a station's frequency but also on other characteristics of the receiver such as its sensitivity, stability, interference and noise rejection capability, and dynamic range to mention a few. These receiver characteristics in conjunction with the power (in kW) of the desired station, propagation condition and receiving antenna determine how well one can listen to a given station. In view of all of this and ever advancing technology, no receiver can be called an ultimate receiver, however, it is certain that the Sony ICF-2001 has become the first in its class of consumer receivers. The following is a review of some of the features of the ICF-2001 based on a brochure I obtained from the Sony Corporation. I hope to be a proud owner of a Sony ICF-2001 as soon as it is available in my area (price around \$330.00); at that time I will also write some "users comments".

The ICF-2001 is a microprocessor controlled receiver with Phase Locked Loop (PLL) circuitry. It covers the AM frequency range of 150 kHz to 29999 kHz and the FM frequency range of 76 - 108 MHz. It lacks conventional tuning dials. Tuning is accomplished via calculator type push buttons and the tuned frequency is displayed on a LCD display.

TUNING: For AM, 2 PLL circuits are used. The PLL 1 circuit has 100 kHz steps and the PLL 2 circuit has 1 kHz steps; both of these circuits are controlled by a quartz oscillator. There are 4 ways of tuning as outlined below -

Direct Access Tuning - For tuning stations with known frequencies. We just need to push the calculator type buttons to get the desired frequency.

Preset Tuning - The tuning frequencies of up to 6 stations (AM/FM) can be stored in the memory so that any of the preset stations can instantly be recalled. In addition to these 6 memory registers, 2 additional registers are also available when Auto Scan Tuning is not needed, thus allowing a maximum of 8 preset stations.

Manual Tuning - Two buttons allow manual tuning in precise 100 kHz (FM) or 1 kHz (AM) steps. Momentary press of the DOWN or UP button decreases or increases the tuned frequency. Pressing the FAST button simultaneously with the DOWN or UP button increases the tuning steps to 200 kHz (FM) and 10 kHz (AM). The manual tuning function is needed for distant or otherwise weak stations because the Auto Scan Tuning does not function below the threshold level.

Auto Scan Tuning - This feature is very nice for tuning in stations with frequencies not precisely known, or for just finding out whether a desired station or language is audible in a given frequency range (band). This function can be used by first setting the lower and upper limit of scanning area in L1 and L2 (registers). Following this, pressing the START/STOP button starts the SCANNING. The tuning frequency is increased in 3 kHz steps in the AM mode and 100 kHz steps in the FM mode. When the Scan Auto Stop switch is ON, scanning stops automatically at the first encountered station. When this switch is OFF, scanning continues without stopping. When the upper limit of the scanning range is reached, scanning restarts at the lower limit.

LCD Display: The low battery consumption LCD display equipped with a dial light has 5 modes: 1 - frequency readout, 2 - sleep timer setting, 3 - number of preset stations, 4 - malfunction alarm "TRY AGAIN", and 5 - scanning limit (L1 & L2) readout.

SENSITIVITY, SELECTIVITY & IMAGE REJECTION ON AM: No sensitivity or selectivity data are given in the brochure I have. I have written to the Sony Corporation and requested them to send this information. I would hope that this receiver would be at least as sensitive as e.g., the ICF-5900W. In the AM mode the 2nd IF of 10.7 MHz utilizes a crystal filter. The brochure notes that the front end of the AM section consists of all-FET circuits for "effective rejection of intermodulation, cross modulation, and spurious interference". On AM, the ICF-2001 is a dual conversion receiver with the 1st IF at 66.35 MHz and the 2nd IF at 10.7 MHz, so it should have very good image rejection.

Other Features: Signal strength is indicated by 5 LED's - a trend also visible in many portable radio/cassette recorders as well as tape decks. Also provided - AM antenna

trimmer, 3-step RF gain control, SSB/CW compensator and external antenna terminal. I personally feel that a radio with such novel features should have a variable (wide/narrow) bandwidth, a continuous RF gain control and a noise blarker.

I hope to have the opportunity to operate this receiver in the very near future. In the mean time I would greatly appreciate hearing from any fellow club member who owns or has operated this receiver (my QTH - 120 C Escondido, Stanford, CA 94305. No return postage necessary).

SPECIFICATIONS -

- Semiconductors - 9 ICs, 1 LSI, 11 FETs, 42 transistors, 24 diodes, 5 LEDs.
- Speaker - 10 cm (4")
- Jacks - Earphone, Rec. out, DC in, Timer input.
- Power - DC 3V (2AA) for the microprocessor section
Radio: DC 4.5V (3 D) or AC 110, 120, 220, 240 V
50/60 Hz with optional adapter. Optional car adapter.
- Dimensions - 12 1/2" (W), 2 1/2" (H), 6 3/4" (D)
- Weight - 1.8 kg (3 lb 15 oz) with batteries.

Optional accessories include antenna and ground wires.

=====

RADIO HUAYACOCTLA

by Carl Huffaker

Although Radio Huayacocotla was originally government sponsored, it is now commercial as it continues its original mission as a cultural service to the indigenous population of the region.

When I visited the station several months ago, I found Huayacocotla a pleasant town with good restaurants, a gasoline station that consisted of 50 gallon drums on the porch of the general store, a market, and the usual stores and services of a small Mexican town. Perhaps the most unusual characteristic is the number of young people in evidence as it is the educational center for the region.

Huayacocotla is somewhat off the main roads, but may be easily reached by a route involving only ten kilometers of unpaved roads. Within the town, the antenna itself is a landmark as offices and studios are located directly under the guyed tower. The mail address "Domocilo Conocido" indicates that street numbers are not generally used.

Coordinador of the station, Ing. Javier Diez de Sollano, showed us around and introduced us to the rest of the friendly staff. They were pleased with the DX reports they'd received and showed considerable interest in that aspect of broadcasting.

Beyond listing the technical details, I might mention that they use "marine band" rather than "120 meter band" when referring to their frequency. They are on 2390 kHz and use a 500 watt Gates transmitter along with a vertical (ND) antenna. Their scheduled time of broadcast is 2100 to 0200 GMT. You can get in touch with them by writing to Domocilo Conocido, Huayacocotla, Veracruz, Mexico.

=====

TIDBITS RECEIVER REVIEWS: The July issue of Consumer Reports has an interesting review of SW receivers. Their findings on the DX-300 were amazing. It might be worth getting your hands on just to see what they think of some of the more popular RXs (Peggy Thompson.)

GMT DIGITAL WATCH: The GMT digital watch advertised in the May TIDBITS is no longer carried by A-TRONICS because the manufacturer sold large quantities to TIMEX, a well-known national brand. Look for it, therefore, at many jewelry and department stores. (Dave Maxfield)

POPULAR ELECTRONICS: In the September 1980 issue, Glenn Hauser's DX Listening column talks about the use of radar by the USAF on the shortwave broadcast bands and recent developments at the VOA.

FEATURE ARTICLES: Tips and Topics desparately needs articles. Any topic will do. Manuscripts pertaining to new receivers, equipment reviews, and antennas are most welcomed. In addition, articles about radio stations and the hobby in general are also wanted. It is best to type your manuscript double spaced on 8 1/2" X 11" paper. But if you must write, please be neat.

ODDS AND ENDS: Many members have sent letters to me in recent months. I must ask all of you to please send me a SASE if you wish a reply. I hate to do this but postage costs are very high at present. Have a pleasant fall. I remain, 75's, Arthur

RADIO OF YESTERYEAR

by DONALD D. DICKEY

In 1921, at the age of 12, I constructed my first radio receiver with the aid of an older boy in our neighborhood, who had previously entered the great hobby of "radio listening". It was a crystal detector radio with its 'cat-whisker', using either a small piece of silicone or galena. The tuner was a tapped variable inductance. The balance consisted of hardware, hookup wire and a set of inexpensive earphones. My antenna was 50' of 14 gauge single strand copper wire mounted between our house and garage.

The receiver components were mounted on a breadboard. The amazing thing about all this was not the way it looked, but the fact that it did actually work! Picking up such local broadcasts that were "on the air" at that time, this crystal receiver had a listening range of about 30 miles.

My next project was a one vacuum tube in a single circuit receiver with a variable capacitor and inductive tuning. This receiver provided a bit more distant reception. In fact, from my home in Minneapolis, I managed to hear broadcasts from Chicago (about 400 miles away), but not with great fidelity.

Then I tried my hand at a three tube job known as an "Armstrong Regenerative Receiver". It employed variable capacitance, variable inductance, a series of seitch points or contacts, and a variable resistor known as a "rheostat", something similar to our present day wire-bound potentiometer. In all, the operator of the regenerative receiver had five controls to adjust when tuning a signal!

The "Armstrong Regenerative" operated on the principle of controlled feedback from a point of higher to lower signal potential. The feedback was controlled by the rheostat, or what we would today call the volume or gain control. If the operator of a regenerative receiver advances the rheostat too far (past the half-way mark) the receiver would break into oscillation and set up squeals and howls beyond description. In addition to the annoyance that was experienced by the person tuning such a receiver, these noises were fed back into the signal input and from there to the external antenna, then broadcast to other listeners in the neighborhood!

My final experience in "home brew" receivers was a five tube configuration known as the "Neutrodyne circuit". This was a prototype of the "tuned radio frequency" type. This turned out to be a vast improvement over my previous attempts. But, this too had its own built-in evils to plague the listener. Its main problem arose from the fact that the vacuum tubes would not amplify all carrier frequencies with equal results. Reception was not stable, nor was the fidelity too good, and the tuning of such a unit still required too many knobs and dials.

By the way, most of these early receivers were limited to medium wave reception.

I might mention another chronic complaint of early radio listeners. It was a thing called "body capacity". It manifested itself as follows: If one's hand approached the front panel of the receiver, the radio would go into oscillation and squeal! The human body acted as one plate of a capacitor (the front panel), the dielectric and metal components inside the cabinet acted as the opposite plate, thereby setting up stray or unwanted capacitance!

Early radio experimenters tried to solve "body capacitance" by various means. One was lining the inside surface of the front panel with tin or copper foil, then connecting this shielding to a good ground. This helped, but did not solve the whole problem.

Another gimmick involved a remote tuning device which resembled a "plumber's friend". A long handle with a rubber suction cup attached to one end to engage and tune the tuning controls. This kept hands and other parts of the body away from the front panel. It helped some, but not all that much.

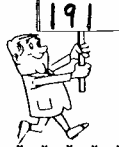
Of course, all the difficulties of early radio reception were not completely due to poor and inefficient receivers. Transmitters also had not come of age. When the "Armstrong Hazletine superheterodyne" was introduced, radio had arrived! Today, the "super-het" remains the basic circuit for TV and radio receivers. In the early 1920's, wireless radio was in the "horseless carriage" stage, hardly looked upon as a practical medium for home entertainment. Radio was, for the most part, the concern of hobbyists & experimenters.

There were a few factory-made radio receivers available at that time, which were both massive and elegant, with prices that regulated their purchase to the affluent few. The performance of those early factory constructed sets were rarely better than the "home brew" type. I recall one such professionally manufactured set that sold for almost \$1000 (a LOT of money in those days!) and it is amusing to note that a present day \$15.00 micro mini transistorized radio can out perform anything made in those days by far!



SPEEDX CONTRIBUTORS

compiled by DON JOHNSON



NUMBERS PRECEDING EACH NAME INDICATE HOW MANY COLUMNS REPORTED TO. AN "*" SIGNIFIES CREDITS GIVEN FOR A PRIOR MONTH. SECTIONS OTHER THAN SWBC/QSL/UTE & SKEDS ARE CREDITED DIRECTLY BY THE MEMBERSHIP CHAIRMAN.

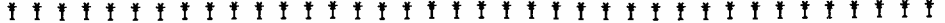


Table with 3 columns: Name, Country/Code, and Column Count. Includes names like BRIAN ALEXANDER, ROD ALEXANDER, JIM ASHABRANER, etc., with codes like PA...RF-2800, IA.....SPR-4, etc.

1 R COLIN NEWELL	NB...DX-150B	4 SCOTT SILVA	CA...DX-160
4 ANDY NEWTON	GA...RF-2200	10 TOM SMITH	FL...XCR-30
2 JAY NOVELLO	NY...XCR-30	5 TRAVER SMITH	CA...NRD-505
4 MARJORIE OAKLEY	OR...FRG-7	7 BEN SNOWDEN	CA...FRG-7
5 ALEX O'BRIEN	AUSTRALIA...FRG-7	3 JACK SOMERS	CA...R-1000
2 DAVID O'DELL	AR...DX-160	1 C M STANBURY II	ONT.....?
1 JAMES OLSON	CA...R-392	2 RICKEY STEIN	NJ...FRG-7000
1 AARON OSBORNE	MI...SW-717	1 LEONARD STOCK	CO...FRG-7000
1 FREDERICK OSTERMAN	KY.....R4B	8 WILFRED STONE	ONT...FRG-7000
1 FRANK PAGANO	DC...RACAL	7 ED STROH	IL...SPR-4
1 DAVID PETERS	KY...SPR-4	10 GLENN THOMPSON	NM...FRG-7
6 LANI PETTIT	IA...RF-2800	14 PEGGY THOMPSON	CA...FRG-7
4 WILLARD PICKARD	IL.....R7	2 DAVID TIMMER	IN...RF-2200
2 STEPHEN PITTS	UT...DX-300	3 JOHN TRAUTSCHOLD	WI...SP-600
7 ALAN PLOTNICK	CT...XCR-30	2 VIJAY TRIPATHI	CA...RF-2200
2 EDWARD PYATT	GA...ICF-2001	1 JOE TRUEBLOOD	WI...FRG-7
4 BEN RADCLIFF	IL...SB-310	2 FRED VALENTINE	CA...RF-4800
2 ROBERT RANKIN	KS.....R7	14 TED VAN BEURDEN	CA...FRG-7
1 RICHARD RAY	PA...DX-160	1 ALEX VRANES	PA...FRG-7
2 BOB RAYMOND	MA...SX-190	5 JOHN WALTERS	NJ...R-1530
1 JACK REBBETOY	ONT...RF-2800	7 MICHAEL WAMPLER	VA.....R4C
4 DEAN REKICH	PA...RF-2800	1 ROBERT WENTZELL	MN....SSR-1
2 ALBERT RICCIUTO	NY...DR-22C	7 JOHN WESTBROOK	GERMANY...FRG-7000
5 CRAIG ROCHA	CA...FRG-7	11 REX WHETZEL	IN...RF-2200
1 GARY RUSSELL	IL....SSR-1	2 MARJORIE WITTE	CA...FRG-7
1 BOB RUST	OR...GR-78	2 JEFF WORMAN	WI...DX-160
1 ROBERT RZEPKA	WI...RF-2200	6 RICK WORREL	ND...DX-160
9 JOHN SANDERSON	AZ...R-1000	3 ROBERT YAJKO	PA....SPR-4
5 ART SCHROEDER	WI...DX-160	1 BILL YOHANA	NJ...RF-1150
1 DAVID SCHWEIKART	VA...SW-717	6 PAUL ZEHR	NV...DX-160
1 THOMAS SEMESKY	IN...FRG-7	3 ROBERT ZELLE	MAN...RF-5000
2 GREG SHEPHERD	IL...DX-300	3 BOB ZILMER	AZ...ICF-5900W
2 VASANT SHRIDHARANI	NY...FRG-7		

Just enough space left to say thanks to 191 reporters amassing over 800 credit points for the months of August & September. Again, Africa is not included this month.....dj

FOR SALE/TRADE/WANTED

FOR SALE Sony ICF-6700w. All-band digital readout. 4.0 kHz modification. Great audio. Excellent condition. Carton & manual included. \$265.00. Malcolm Kaufman, 244 Fieldston Terrace, Bronx, NY 10471

FOR SALE New/unused JVC model 3060 AM/FM/TV player/cassette recorder. Runs off AC/DC or 12 volt car battery. Counter & automatic shut-off. \$300.00 if interested. Mike Hardester, 574 Deer Springs Road, San Marcos, CA 92069.

WANTED Any edition of Radio Spectrum Handbook by James Moore. Advise price and condition. Mike Hardester at above address.

FOR SALE Sony ICF-6700w. 1.6 - 29.5 MHz plus AM/FM. Digital readout on all bands. AC/DC operation. Like new \$275 includes UPS shipping and insurance. Don Johnson, P. O. Box E, Elsinore, CA 92330

FOR SALE 1 RAK Listeners 3 Double Dipole Antenna. New, never used. \$300 or will swap for best offer. Bob Wirrell, 85 Stillman Ave, Brockton, MA 02403

FOR SALE Yaesu FRG-7. Gilfer 4 kHz filter & AVC Mods. \$250 via UPS. Harry Helms, 1100 One Tandy Center, Ft Worth, TX 76102.

FOR SALE Drake R-7/DR-7 with additional 6 kHz AM filter. 0-30 MHz w/digital readout to 1/10 kHz. 4 months old and in perfect condition, but I need the \$1175.00. Tim Tillson, 2712 Adobe, Ft Collins, CO 80525. (303) 223-7364.

FOR SALE FRG-7 w/Gilfer 3 kc filter, AGC mod, plus MFJ-901 Ant tuner (\$50 sold seperately), MFJ-752 Dual Tunable Signal Enhancer II for AM/SSB/CW (\$70), Tenna Boost AM Preamp-antenna (\$22), YH-55 Headphones (\$12). All mint shape. Whole works for \$510 ppd. Mike Feeley, 51 Pond St., Natick, MA 01760. Phone (617) 655-6859.

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