

SPEEDX

DON'T FORGET



VOTE

September 1979

Vol. IX no. IX



KEYNOTES



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

CONGRATULATIONS TO 10 NEW FULL MEMBERS

GENE & GREG MARTIN WARWICK, RI	JAMES DREW SAN ANTONIO, TX	CARL DURNAVICH STONE PARK, IL	JOHN PAVELKA PITTSFORD, NY	RALF MUNSTER DECATUR, GA
WILLIAM DAVENPORT NASHVILLE, TN	DAVID SCHWEIKART FAIRFAX, VA	WILLIAM BEEMAN BELLBROOK, OH	TOIA AMELIO MILANO, ITALY	GREGG GOETZ GLADSTONE, MI

Certificates of FULL MEMBERSHIP and a copy of the SPEEDX constitution are on the way.

A BIG SPEEDX WELCOME TO THE FOLLOWING NEW ASSOCIATE MEMBERS

LAMONT JENSEN SALT LAKE CITY, UT	AUDIE KAUFMAN ALBUQUERQUE, NM	MICHAEL DAYEN PLYMOUTH, MN	PETER MURPHY EMPORIA, KS	JOHN ZANINI PUEBLO, CO
GARY BIASINI EDMONTON, CANADA	JON NIDA BLOOMINGTON, MN	SCOTT McLEAN TONAWANDA, NY	JIM HILLIKER ANAHEIM, CA	AL KINNEY AUBERRY, CA
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JON FRANKOVIC BATTLER GROUND, WA	GERALD HAYES LANGLEY, CANADA	BARTON EMANUEL ROCKPORT, ME	LEROY CAUDILL COLUMBIA, MO	STEFAN LOREN TARZANA, CA
GILBERT CHESNEY WILKES-BARRE, PA	RUTH HESCH WHITE PLAINS, NY	THOMAS CUTTERS IRONTON, OH	ANTON DUBRICK CHICAGO, IL	MARK CURNELL PORTLAND, OR
MELVIN PRATT MIDWEST CITY, OK	ARTHUR COBB NEW HARTFORD, NY	CARL KRETSCHMER SUNNYVALE, CA	ROBERT PRYOR CASTLETON, NY	CHRIS CROSBY LAKEWOOD, NJ
PAUL ROUTENBURG WILLIAMSFORD, CANADA	FRANKLIN BUTLER FREDERICKSBURG, VA	WILLIAM GUZMAN FPO SAN FRANCISCO, CA		

We welcome the above to the membership, as well as many folks who have rejoined this month(not listed)after an absense. We encourage you to become active in supporting our club. The more you put into the bulletin, the more you will get out of it!

Central Distribution Editor

To inform the new and remind the old, we have a place that you can send all your material to for the bulletin each month. Bob Zilmer, P.O. Box 679, Milwaukee, WI 53201 distributes material to all editors on the 7th of the month. Get items to Bob prior to that date and he will forward it. You are welcome to mail directly to the editors too. Their deadline in the 12th. A reminder to all, HQS is NOT the place to send material! Several are doing this, which delays the material and adds to the HQS postage bill to forward.

EDITOR CHANGES

Please note we have a new editor for STATION SCHEDULES. Dave McNally, P.O. Box 789, Huntington Beach, CA 92648 will be doing SKEDS from October issue on. Orla Reese had to resign due to an increased work load, plus he is a full time college student. SPEEDX says thanks to Orla for the fine job he has done for all of us!

With John Trautschold taking over the publishing of SPEEDX, we now have a new SPEEDXGRAM editor. Bob Bodell, 5230 S.E. 48th Avenue, Portland, Oregon 97206 is now the editor. We know our ex-A/O editor will do a FB job!

VOTE!.....VOTE!

FULL MEMBERS are encouraged to cast their votes for three positions open on the BOD. All FMs should have received a ballot with this issue. If you are a FM and did not receive a ballot, drop a line to HQS PRONTO. We will double check the FM list. FMs are requested to get their votes into Ollie(QTH on KEYNOTES) by the 30th of September! Late ballots will not be counted. Note that Bob Butterfield is the only incumbent on the ballot.

GUIDE TO EUROPEAN DXING

SPEEDX is working on a Guide to European Dxing, similar to our USSR Guide. To make this the best we can, we are asking for your help in supplying information on European stations. We need info like: history, goals, objectives, etc. If you have info of any kind on European stations, send it to: Matthew Brown, 3310 Picardy Court, Mequon, WI 53092 as soon as possible. Station info needed include: R Tirana, R Sofia, R Praugue, R Denmark, R France, DW, Vatican R, RAI, R Luxembourg, R Norway, R Poland, R Portugal, R Bucharest, RNE, V of Greece, TWR Monaco, R Moscow, R Belgrade, etc.... The more info received, the more complete our guide can be. Whatever you have on European stations, send it in to Matthew Brown. Thanks!

OOPS! AMATEUR BAND DXING REVISITED

The mice must have gotten into the old typer last month. We neglected to give the full QTH of Allan Rosewarne(9661 Cherimoya Drive, Fontana, CA 92335) last month. Allan is interested in contacting members who like to tune the HAM bands, just to be tuning them. Drop Allan a line if you are interested.

CITIZENS BAND MAGAZINE

CB Magazine, published by Publishing Industries Inc., 531 North Ann Arbor, Oklahoma City, OK 73127, has diversified into all forms of two-way radio. They now feature shortwave coverage, plus monthly columns on VHF & UHF scanning, plus FM/TV DX. Send to them for info.

DX-300 FAN CLUB

Owners of the DX-300 might like to exchange info through "THE REALISTIC DX-300 RECEIVER FAN CLUB". Rob Harrington, 3181 South York Street, Englewood, CO 80110 is president of this club with Larry Cunningham as secretary. Bulletins published in Oct/Feb/June. Write to Rob for more info. Reviews and thoughts on this receiver are welcome. Membership 50¢ yr.

LOUISIANA HOBBYISTS

Bill Smith, 145 Deryl Street, Eunice, LA 70535 would like to hear from folks in this state interested in getting together for a hobby meet. Drop Bill a line or give a call(no collect) at 318-546-6769. Eye-ball sessions are always enjoyable.

SPEEDXERS ARE WINNERS!

HQS offers congratulations to two members. Tony Buhagiar of Downsview, Ontario and Costa Constantinides, who recently moved to South Africa. Tony & Costa were among the ten prize winners of Radio Tashkent's 1978 Quiz, just announced this summer. Tony reports he received a splendid photo album and records. At this time we are not aware of the prizes Costa received. We commend these SPEEDXERS for their achievement! Not for the prizes they won but for BEING INVOLVED! They took the time and effort to get involved with an International Broadcaster. SUPPORT! That's what the hobby is all about.

DON'T HAVE YOUR SPEEDX DELAYED

As mentioned last month, it is important to get your renewals in early. With HQS(who prepare the address labels) and the publisher in different locations now, there is a 'time lag' as to how late we can make additions, changes and corrections. Renewals and QTH changes should be received at HQS no later than the 10th of the month preceding the next issue. After that date, your copy could be delayed 1 - 2 weeks! Get the info in early folks.

JIM WHITEHEAD IS ALIVE AND WELL

HOW MANY HEARD JIM WHITEHEAD ON HCJB? Yes, our ex- W/H editor for many years, ex-President of the BOD, and still friend of us all, was interviewed on DX Party Line the 4th of August. This on one of his many trips to South America. Good show Jim!

RANDOM NOTES....

Cover designs should be sent directly to JOHN TRAUTSCHOLD, W174 N9459 Devonwood Road, Menomonee Falls, WI 53051. Our new publisher would appreciate your efforts.... KEYNOTES is short this month as our esteemed Managing Editor is on vacation. Some mail was not forwarded, as he was not there to forward it! Ollie will be back next month with more info. So.....I hope you appreciate the typos for this September issue via your ex-publisher.....

Best of listening to all

73 Don
DON JOHNSON

ANARC 79

Part II

by John R. Trautschold

Welcome back to the report of the 1979 ANARC Convention. We take up where we left off last month with Larry Magne's talk on WARC '79. He was mentioning that out-of-band broadcasting is legitimate if registered with the IFRB and if it isn't QR'ing anyone else. Larry also mentioned that some of the proposals for WARC '79 include possibly new bands, a limit on power, and the use of SSB. Most countries favor band expansion, except for Moscow. Larry points out that they operate where ever they want to anyway, so it would not make any difference to them. The US proposals to WARC '79 will include addition of 5 more tropical bands (5850-5900, 7500-7550, 9825-9875, 11500-11550, and 13900-14000), create 2 new international bands (13600-13850 and 19750-19990). Present bands would be expanded. Power would be limited to 250kW in international bands and 50kW in tropical bands. Also, only 1 transmitter per band per service per station would be permitted. A shocker to all was when Larry mentioned that tropical band broadcasting is legal in some parts of the US!! There seems to be a hidden law, that the FCC recently confirmed, permitting such activity. The Voice of the Voyager might have a chance yet! Not permitted anymore would be the shotgun technique used by station such as the DW, which is using 2, 3, or 4 transmitters per band hoping one will get through. In order that political pressure is more equal, each country participating in WARC 79 will have only 1 vote. That gives 3rd World countries equal chance, and might also help save tropical bands for DXers.

The convention continued Saturday afternoon, after everyone had a chance to relax and find a place for lunch. Common hangouts were Arbys, across the street, and McDonalds down the road. After a 5 dollar lunch at one of the fine hotel restaurants, most decided they'd had enough, suffer at McDonalds, and save up some money for Sundays HAP auction. In any case, at 2 pm, the DX Panel began with Ian McFarland, Glenn Hauser, and Bob Zanotti presiding. It was asked why Ian spends so much time trying to persuade RCI to keep we DXers informed. Well, it's because he enjoys doing it! What better reason! Glenn Hauser took an informal survey and asked whether DX Programs should have music breaks. Four attendees said yes, the majority pronounced NO!!! It was asked whether stations ever read the mail we send them. Bob Zanotti of SRI says they do, and if the letter is well written with logical criticisms and/or comments, it can cause changes to be made in programming, at least at SRI. Ian & Bob both concurred that most of the mail they receive ask very basic questions. This is why many on-air answered questions are simple. Those of us in the hobby are the minority, compared to the vast amount of others that listen to SW. Programs of course must appeal to everyone. Ian thought that maybe clubs could form committees to collect opinions on station policies to send to those stations. Ian and Bob also mentioned that they both read the log columns in magazines, and appreciate getting those magazines from the clubs. They look for comments on their programs in the magazines, and wish that DXers would send, and editors would print, these comments in the magazines. Also, Bob pointed out that it was very important when writing to a station whether or not you want a QSL from them... It helps cut down on staff time and saves money if you don't.

At 3:20 pm Prof. Brown from the Univ. of Minn. and Kim Elliott discuss survey methods used for determining the types of programs listened to on various SW stations. They also looked at the results from past surveys. Believe it or not, there is a vast audience out there, besides DXers. As mentioned above, we are not the majority.

At one point in the convention George Link, one of the nicest guys I've met at any convention (George is from California which is no doubt why), was talking to Ian McFarland and others. George happened to mention to Ian how fine he looked, that with all the running around he had been doing helping with convention activities he was not even sweating. Ian said that was because he was visiting another country, "I only sweat at home" was his final remark!

The International Broadcasters Forum began at 4:30 pm with a most impressive panel. Larry Magne represented Israel Radio, Dave Monson the BRT, Rudy Espinal from Radio Clarin, Stewart Spencer from the VOA, Ekber Menemencioglu from the Voice of Turkey, Bob Zanotti from SRI, Ian McFarland from RCI, Roger Stubbe from HCJB, and John Zacari from Voice of Nigeria. Each representative gave a short talk about their station, and why they operate as they do. Rudy mentioned that Clarin was currently off because of government regs, costs, etc. They do hope to get back on the air soon, on 11700, but in any case, when Rudy finishes his work in Venezuela, he hopes to start an English show on RIVD. John Zacari mentioned that Nigeria plans on putting three 500kW transmitters on the air within a year, hopefully with one destined for a North American Service.

An excellent banquet began Saturday evening in the fabulous Gold Room. The program began

by announcing the HAP Award for 1979. It went to Jeff White of Illinois for all the work he has done for HAP. It was presented by last years winner Ian McFarland. Ironically, in Montreal Jeff presented the HAP 1978 award to Ian!

Kim Elliott talked about a new area of DX! Audio Frequency DXers! Kim mentioned a guy that sits in his back yard around Kim's area, who has the ability to listen to people talk to one another across town. Sounds more like eavesdropping to me!

Rudy Espinal was guest speaker at the banquet. He gave a short history of his life, being born in Curasol, Neth. Antilles in 1942. His father was a Consulate General in Santo Domingo. Rudy used to make speeches when he was a youngster, standing on chairs, or what ever. He also directed operas and such while listening to his mothers records. Rudy had the opportunity to move to Beirut, Lebanon for a few years while his father was ambassador there. When he came back home he hung around R. Mill and did voice intros to programs. He did his first English program on Sunday nights and the local people really enjoyed it. It was called "Sleep Walk" and was on MW only. After this he went to R. Universo and a pgm called "Europa Musical". He also did "Universo Morning", along with some English news-casts. He had his chance to break into TV at RTVD. Columbia Pictures was another employer and this job gave Rudy the chance to travel a lot. He finally came back to Sto. Domingo in 1975 and decided to get back into radio. Rudy has also had the chance to host the Miss Universe contest for Spanish speaking audiences as well as the Oscar Awards in Spanish. After these last TV jobs he went to Clarin. Response to "Here is Santo Domingo" was unbelievable with over 300 letters per week at one point. Rudy hopes to get a program on R. Nacional in Caracas during his current stay in Venezuela.

Other awards were presented at the banquet including ANARC yearly awards mentioned earlier, and door prizes.

The final day of the convention started Sunday morning at 9:30 am. The usual ANARC business meeting took place with committee reports, etc. Of note, the Equipment committee is creating a lot of havoc, especially with the DX300 from Radio Shack. Dr. Frank Roberts of Radio Shack attended the convention to try and help straighten out any problems DXers might be having. For those with problems that local stores won't straighten out, he asked to have anyone call him at Tandy Corp., telephone (817) 390-3244, in Fort Worth, TX. They absolutely will correct any problems!

Of course, the final part of the convention was the HAP Auction. This years was exceptional. Examples include an official RCI "Exploding Pizza" T-shirt for \$41; Voice of Vietnam pennant for \$5.50; BBC World Radio Club pennants for \$20, 18, 30 & 34, VOA pennants (always a hot seller) for \$35, 31, & 40; SRI "Swiss" watches for \$40, 31, and 36; R. Clarin QSL card for \$13; R. Canada Jumbo QSL cards for \$31; a 1950 edition of the WRTH for \$32; a really "hot" item - Voice of the Voyager crystals for \$6.50 (5850kHz) and \$7.00 (6220kHz). The final total of money raised for HAP is believed to be around \$2000!

Hats off and thanks to everybody who attended this years ANARC and made it the best ever. There's no doubt that if you missed this years convention, you missed one of the best!

Jeff White of the ANARC Public Relations Committee wrote to mention that tapes are being made available of many of the talks at the convention. Ten different cassettes of the main programs at the convention are available for only US\$3.00 per tape (Includes postage worldwide) Please pay by check or money order for those in the US, Canadians should pay by Postal Money Order. Overseas please pay by International Money Order payable in US dollars. Make all checks and money orders payable to ANARC. The complete set of 10 tapes can be had for only \$23.00. DEADLINE FOR ORDERS IS SEPTEMBER 30th.

<u>TAPE</u>	<u>CONTENTS OF TAPE</u>	<u>LENGTH</u>
1	Opening remarks, RIB Awards by Glenn Hauser, talks by electronics dist.	55
2	Seminar on clear channel AM besting in US, with experts from WCCO radio	50
3	Larry Magne's talk about the WARC79	60
4	DX Program Seminar - with DX shor hosts	60
5	Studies of NAM SW Audience, with Kim Elliott and Dr. Donald Brown	60
6	Broadcasters Forum: Part One - Speeches by the station reps.	55
7	Broadcasters Forum: Part Two - Question and Answer Session	50
8	ANARC Award Presentations, Rudy Espinal Keynote Speech Part One	60
9	Rudy Espinal Keynote Speech Part Two; Mediumwave DX Seminar	60
10	ANARC Business Session	60

Send your order and payments to ANARC Public Relations Committee, 409 Laconia Lanes, Schaumburg, IL 60193, USA. Remember, deadline is Sept. 30th!

This is a summary of the SPEEDX & SPEEDXTRA accounts for the period of July 1, 1978 to June 30, 1979 inclusive. A more complete report is sent to the BOD each month. SPEEDX publishes this annual report each year so all members are informed of how their money is being handled.

\$SPEEDX ACCOUNT\$

Balance on hand July 1, 1978.....\$6,491.71

RECEIPTS	Prepaid Subscriptions.....	\$6,027.50
	Prepaid Renewals.....	7,208.50
	Misc. income(Sample sales, etc.).....	679.32
	<u>Total Receipts</u>	<u>\$13,915.32</u>

DISBURSEMENTS	Bulletin Printing(12 issues).....	\$6,063.64
	Bulletin Postage.....	4,454.70
	HQS Printing(GRAM/NMP/Forms/etc.).....	651.10
	HQS Postage.....	1,236.82
	HQS Supplies.....	378.06
	MISC(POB E/CDE/BBC-MS/ANARC/etc.).....	412.69
	Mailing labels.....	165.00
	<u>Total Disbursements</u>	<u>\$13,362.01</u>

Balance on hand June 30, 1979..... \$7,045.02

SPEEDXTRAS ACCOUNT

SPEEDXTRAS is the project division of SPEEDX. It is designed to be self-supporting by producing hobby items for sale at, or just above cost. Items included in this department are:LL Guide, SUG, Country List/Awards Program, USSR Guide, SS Booklet, Tri-Lingual forms, Club Rubber Stamps, BIPs, Bumper Stickers, etc..

Balance on hand July 1, 1978.....\$748.79

RECEIPTS \$2,255.45

DISBURSEMENTS 664.75

Balance on hand June 30, 1979.....\$2,375.49

I certify this summary of SPEEDX and SPEEDXTRA accounts are true & accurate to the best of my knowledge for the period July 1 1978 to June 30, 1979.

Don Johnson
Don Johnson - Treasurer

(Note: Combined accounts = \$9,420.51 or \$8.63 in reserve per member)

PROGRAM

SEPTEMBER 1979

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

PANORAMA

BBC WORLD SERVICE

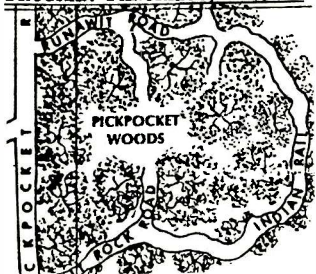
T H R E A T E N E D A G A I N !

(Richard N. Allen, OK in Review of International Broadcasting #30, August 1979): "It appears that shortwave listeners will again have to do battle with the British government in order to save the BBC's External Services. I consider this a much greater threat to the future of the BBC than the Central Policy Review Staff's proposals of two years ago. These latest proposals come from within the British Cabinet and are part of a larger package of overall reductions in public spending. No definite action is expected until Mrs. Thatcher returns from the Commonwealth Conference in Zambia. (She returned in mid-August-ED. WS)...The proposed reductions in public spending by the British government are very unpopular in Britain. The total reduction is in the area of \$8.8 billion (4 billion pounds). The proposals have been deferred until a 'white paper' can be presented to Parliament, sometime in the autumn. It all should be interesting to see the final results. The situation is best explained in (this) transcript from BBC broadcast." (Only one of Mr. Allen's transcripts is presented here due to lack of space-ED. WS) (NEWS ABOUT BRITAIN, BBCWS, 0309 GMT, 23 July 1979): "The Managing Director of the BBC External Services, Mr. Gerard Mansell, has given a warning about the possible effects of the Government's cutting its financial grant for BBC overseas broadcasting by four million pounds. Speaking in a radio interview, Mr. Mansell said, 'cutting the BBC External Services budget on this scale, by about ten percent, as had reportedly been proposed, would mean a loss of program output of much more, between 17 and 25 percent. It would take Britain from its fifth place in the league table of international broadcasters to below North Korea, Albania and Egypt. Cuts of this nature could not be carried out without cutting broadcasts to major parts of the world.' Mr. Mansell went on to say that 'External Services had a regular audience of 75 million people all over the world, and he was sure that many of them would make their feeling known if they were threatened with the loss of their BBC service'." RIB Editor Glenn Hauser adds: "And should anyone wish to write the Embassy of the United Kingdom, in Washington, DC, the new British Ambassador is Sir Nicholas Henderson."

COMMENT...A substantial portion of this month's column has been devoted to the BBCWS news due to its importance. When the world's best supplier of shortwave programming is threatened with a cutback, it's time to take note. Those readers who like the BBCWS should act promptly to let the British government know your sentiments. SWLers have saved the BBCWS and other services in the past, so the situation is not hopeless. However, the time for action is now! (Woody Seymour, Jr.)

LONDON CALLING...celebrates its 40th year in September, and the issue for this month does not reflect the possible economic woes of the BBCWS. To the contrary, it contains several pages featuring full color photos of World Service announcers. There's also a one-page full color spread on London art galleries, as well as two pages reproduced from the first issue of London Calling, September 24-30, 1939. It's a memorable issue, but I have a feeling that the October issue will not be as elaborate.

SEPTEMBER IS...the time when many international broadcasters change their schedules. When you are doing your listening this month, be sure to note any new programs or new times for old programs so that you can report them to Program Panorama. This column depends on your contributions for its continued existence. So be sure to send in a contribution for next month's column by the special deadline for the October issue...SEPTEMBER 17. Let's hear from YOU!!!



MISSION TO EXETER (Continued from the August 1979 DX Montage)...When we left you last month, we were in the quiet, peaceful town of Exeter, NH. Finding the Alan Brooks residence is no problem. Just locate "Pick-pocket Woods" (that's no joke, folks!) and nearby is 6 Tilton Avenue. We enjoyed a good meal with Alan, Gloria and their children. During our conversations, I discovered that DX Montage was receiving competition from some of the following activities: (a) soccer coaching (b) administration of the Luthero Toledo Fan Club (c) basketball coach-

ing (d) a comprehensive study of the location of Tristan da Cunha (e) softball coaching (f) all of the above (g) none of the above. It was good to see the Brooks family again, and their "Yankee hospitality" will not soon be forgotten.

CANADA...Some concluding observations on the trip to Montreal (see last month's DX Montage)...A common theme of our conversations with RCI personnel was that it was important for listeners to write to RCI commenting on the programming. It seems that the Canadian government is not completely "sold" on international broadcasting, and with sufficient listener input, a change in attitude might be accomplished. If you want to see an increase in RCI transmission time, you can help by keeping in touch with RCI. Let them know your feelings. Address your letters to: Radio Canada International, P.O. Box 6000, Montreal, Quebec CANADA H3C 3A8.....The RCI personnel seemed pleased with the success of the relay of THE WORLD AT SIX and AS IT HAPPENS.....The CBC has a pavilion at Man and His World (the exhibition at the Expo '67 site). It is well worth a trip if you are in the Montreal area.....The CBC has a T-shirt for sale with a multi-colored CBC logo (pictured in last month's DX Montage) on it. The price is \$4.50 Canadian, and it is available at the Boutique at the Maison de Radio Canada or at the CBC pavilion at Man and His World (a tip--get your shirt one or two sizes larger than your normal size).....We stayed at a hotel located near the Maison de Radio Canada, and the view from the window included an unobstructed view of the Maison.....In my conversations with Lions from around the world, the subject of shortwave radio came up more than once. A man from Perth, Australia was surprised that the local ABC station could be heard well in the Eastern USA via shortwave. A Lion from Invercargill, New Zealand was acquainted with Arthur Cushen as a "ham". A South African Lion (of the human variety) was more intent on discussing sports than Springbok Radio, but he was interested in the fact that it was relayed over shortwave until recently.....This concludes the report on the trip to Montreal. And now, the regular news:

AUSTRALIA...The ABC in Perth on 9610 kHz has an interesting program at 1115 GMT on Saturdays. It's called SENTIMENTAL JOURNEY, and it features tunes from the 1920's, '30's and '40s. (Leland Swenson, WI)

IRAQ...Radio Baghdad has the following English programs scheduled daily from 2130-2230 GMT on 9745 and from 0300-0400 GMT on 11925. Daily features include the NEWS and a POLITICAL PROGRAM at the beginning of the broadcast and PRESS NEWSREEL at the end. In-between are the following feature programs: Saturday--TOURISM IN THE IRAQI CITIES; Sunday--ECONOMIC PROGRAM; Monday--WITH THE WORLD PRESS; Tuesday--VARIETIES; Wednesday--CULTURAL PROGRAM; Thursday--VOICE OF PALESTINE; Friday--POST BAG CORNER. They additionally have two bi-monthly programs--QUESTION AND ANSWER on Tuesdays and IRAQ AND MARCH OF THE FUTURE on Fridays, added to the beautiful Arab music and songs. (Shawn Sylvester, TX) Welcome!!!

SOUTH AFRICA...The Saturday Radio RSA lineup includes NEWS, TOURING RSA, SATURDAY NIGHT RSA and DX CORNER. Listen at 2100 GMT to Europe, repeated 0200 GMT Sunday to North America. (Stephen Proom, ENGLAND)

USA...Family Radio, WYFR, has a MAILBAG program on weekends (it appears Saturday-Sunday) at 0335 GMT. (Clayton Stapleton, TX) Next month, we'll be back to the regular format. 73, W4J 8/20/79





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

BIRDIE?? IMAGE?? WHAT'S THE DIFFERENCE??... There's quite a lot.. In these days of a multitude of new receivers, often the manufacturer must "market" a set that has a few "bugs". The reason for this is one of economy. If the manufacturer were to completely eliminate ALL the small faults of a particular design, it might double or triple the price. One that a lot of you are familiar with is the spurious signal every MHz. on the FRG-7 and other Wadley-Loop sets. This can be called a "Birdie". Specifically, a "Birdie" is an internally generated signal that can be heard on your receiver, even with the antenna terminals shorted out. It usually sounds like an "open carrier". This should not be confused with the "Image", which is still a fault of the receiver, but for it to appear, one must feed in an EXTERNAL signal. This usually a strong one! For instance, let's say you have a SUPER BLOOPER DX-999 (fictitious) and you are listening to BBC-Antigua on 6175 khz. While tuning around, you discover BBC again on 7085!!!!? But they don't broadcast on that 41 metre frequency, or do they?? Later you listen to RSA on 9610 KHZ. only to discover a few minutes later that you can hear them on 10520!!!!? Aha! Your suspicions are aroused? OR is it a feeder on that channel?? NO...your receiver has IMAGES!! In this case the receiver's "I.F." frequency is 455 khz., so the images will appear either at TWICE the I.F. above or below the true frequency. (6175+455+455=7085) In this case, note that the images are ABOVE the true signal. In the case of DUAL conversion sets, it will be twice the FIRST I.F. frequency. Dual-conversion is no insurance you won't be plagued by images. The cure? Use less antenna OR some kind of attenuator to cut the signal strength down so that your receiver's first few stages won't be so overloaded. Preselectors are sometimes useful in helping with the image problem. I hasten to add that "Images" are a drawback of the "superheterodyne" or "superhet" receiver. They are a problem the design engineer must pay close attention to in order to build a set that rejects these pesky "false signals"!

ZENITH RADIO has a new "transoceanic" on the market, Model R-7000. Said to be quite different from previous models. Twelve bands: LW, MW, FM, SW1 to SW7, plus VHF-Aero and VHF-Hiband. Canadian price about \$600. (This item from ANARC DX Equipment Info. Committee-Marketplace Report.)

Quite a number of requests for information have come in concerning I.F. or antennas and antennas suitable for apartment dwellers. If you have such a situation, let's hear from you! Pass your "topics" along to the rest of the gang. This column can only survive with INPUT from you readers.

RTTY CONVERTERS: This from SPEEDXer Robert Sheffer: Those of you interested in RTTY (Radioteletype) to VIDEO converters may write to: INFC-TECH, INC., 2340 WELDON FARMWAY, ST. LOUIS, MO., 63141. Request information or Info-Tech Model 75. This unit will accept 170 hz., 425 hz., and 850 hz. shifts and speeds of 60, 66, 75 and 100 words/minute. Priced from about \$325 to \$345 depending on whether 32 or 72 character video rer line.

QUESTION: Would you like to see TWO pages of Technical Topics every now and then? As a "second" page, would you like: 1.) more of the short items you usually see, OR 2.) Perhaps a page of Theory on antennas, some facet of receivers etc? Let me know, so that I may plan accordingly. Would you possibly like to see "reruns" of articles on theory you might have missed?

That's it for another month. In a week I'll be basking in the sun on the beaches of St. Croix, Virgin Islands! (If I finish the job I'm sent down there to do!!!) Good DXing to you all!

Sandy

SWBC DX - Western Hemisphere

◻ EDITOR ◻

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SEPTEMBER 1979

SPANISH FOR DXERS -- VERBS, PART II

As I mentioned last month, there are three conjugations (families) of verbs in Spanish. We showed you how to form the verbs of the first of those families -- this month we will take up the second and the third. They are analogous to the first in their formation of the present indicative active.

SECOND CONJUGATION -- verb beber (to drink) THIRD CONJUGATION -- verb recibir (to receive)
root beb- root recib-

bebo, bebes, bebe, bebemos, bebéis, beben recibo, recibes, recibe, recibimos, recibis, reciben

These verbs are presented in this order: I; you (familiar); you (formal), he, she, it; we; you (plural familiar); you (plural formal), they.

How does one use these verbs? Rather than bore you with exercises, I will ask that those of you who have the WRTH from 1978 or 1979 turn to the Spanish section of the book. This is a comparatively new feature, but it is most valuable to the person who wants to learn Spanish and who is also a DXer. Although it is not an exact translation of the English section, (good for them!!!), it is analogous to it. What I want you to do is to go through the first few paragraphs of the Spanish section (1979 page 27) and first without comparing them to the English, and then later comparing them, try to get the sense of what is being said. Use your knowledge of words in other languages -- use your knowledge of DXing terms -- use anything -- when you're learning a new language, anything is fair play! If you aren't that ambitious, read through the sentences, first aloud to practice your pronunciation, and then read them trying to pick out nouns and verbs. Most of the verbs are in the present tense, so you should be able to pick out many verbs like the three we have learned. Rather than give you a vocabulary this month, try to learn as many words as you can from those first few paragraphs. Also continue listening to any Spanish you can pick up on the airwaves, but especially RCI and VOA.

Why did I use pronouns with the verbs last month, and not use them this month? This is why, in a nutshell -- pronoun subjects with verbs (I am; you are, he is) are usual in EE, because we normally need them to tell the subject of the verb if there is no noun subject. In SS, the ending of the verb (-o, -es, -e, etc.) tells the person without a pronoun. If you want to emphasize the pronoun subject (Yo recibo la Radiodifusión de las Islas Malvinas - I hear the Falkland Islands Broadcasting Service [rather than Joe DXer across the street, who doesn't hear them, hi!]) you may use it in SS, but normally only the verb is used -- (Recibo la Radiodifusión de las Islas Malvinas). It is also used if there is any confusion between subjects (if you are talking about you to him or her, noun or pronoun subjects are often used to cut down confusion). Keep plugging. Next month, we'll learn the most important verb(s) of all -- ser and estar (to be and to be).

SOME ITEMS FROM THE BBC MONITORING SERVICE, COPYRIGHT AND USED WITH PERMISSION, CANNOT BE COPIED WITHOUT THEIR PERMISSION.

COLOMBIA - Radio Nacional, Bogotá, has recently been observed broadcasting on 5940 kHz.
CUBA - The Spanish service to the Americas is observed from 0200-0245 on 15340, 15230, 11970, 11760, and 9765 kHz and from 0300-0600 on 15230, 11970, 9765, 9525, and 6060 kHz.
NICARAGUA - Since 0200 on July 21st Radio Difusora Nacional de Nicaragua on 5950 kHz has been observed announcing itself as "Radio Sandino, the Official Voice of the Sandinist National Liberation Front in the Great Sandinist Radio Broadcasting Network." The former R. Atlantico in Bluefields on 6120 kHz has also been observed carrying the same station identification.

SEE NEXT PAGE FOR THE START OF SOUTH AMERICA! VOTE IN THE BOD ELECTIONS!!

Before I begin this month, I'd like to try something out on you (hope you don't feel like guinea pigs, hi!). I am going to leave out the designation of language spoken IF that language is Spanish (SS). That means that any other language (EE, PP, Dutch, Quechua) will be included. That also means that I am going to have to warn everyone every month that if no language is specified, it is Spanish. However, we'll see how much time and effort it saves. Give me your comments on this -- anything that saves time is worth trying -- as long as it doesn't confuse. So, hheeeeeerrrrrrreee's

SOUTH AMERICA

ARGENTINA

- 5985 0000 R. Splendid, Series of tlks by OM alternating w/ tango mx; ID as "Informa Splendid" & "Splendid para el país y el mundo" (322; 7/15. Lazarus, LA)+1
- 6060 0938 R. Nacional, orchestral mx, OM tlk, (433; 7/31. Lowe, TX)
- 6085 1029 R. Splendid, tlk (wx, travelers info?), IDs, mx; (342; 8/6. Jones, MS)
- 6090 2359 R. Belgrano, OM anmts, ment. of Buenos Aires, Argentina, echoing (323; 7/27. Lowe, AR)
- 6120 0946 R. El Mundo, ID, nx (352; 7/11. Jones, MS)[0009] 423; 7/28. Lowe, AR)
- 9690 0618 RAE, EE, YL/OM ancrs, tlk on early Argentine aviation service, many IDs; (433; 7/21. Lattemann, WA)(333; 7/17. Stone, ON)

BOLIVIA

- 3480 0053 R. Padilla, light mx, vocals, OM ancr, hrd many nights this time, always weak and gone by 0230 (242; 7/27. Lowe, AR)
- 4698 0125 R. Riberalta, bouncy mx, chorus of OM/YLs, very weak (242; 7/30. Lowe, AR)
- 4740 0220 R. Mamore, OM ancr, YL vocal, losing to OC just above them. (322; 8/4. Lowe, AR)
- 4756 0341 Radioemisora Bolivia, OM ancr, lots of huayno-style flute mx, off w/ a few bars of NA 0400. Finally caught them when Colombia was off - this sta. is the source of the het [on Em. Nuevo Mundo. ed] (324; 8/5. Lowe, AR)
- 6033 0046 R. Panamericana, light instrumental mx, OM ancr, low fq. gives them away (423; 7/31. Lowe, AR)(several clear IDs as R. Panamericano, ending in "o" not "a") 433; 7/24. Lobdell, MA)
- t6081 1059 R. 21 de Diciembre, s/on between 1055-1058, was able to make out chorus of Oms, I think. Per Pitt McNeil tip, QRM DW 6085, impossible to ID through their slop (221; 8/6. Lowe, AR)
- 6092 1026 R. Stentor, fiesta-type mx, OM announcing in the "Grande!!" or "Big Deal" style (hi!)(322; 7/31. Lowe, AR)

BRAZIL

- (big item this month, thanks to Derek Lowe's assiduous monitoring. cpjh)
- 2310 0052 R. Progreso, PP, long OM tlk, ID in passing, (252; 7/22. Moore, PA)
 - t2320 0107 R. 8 de Setembro, PP, light mx, OM anmts (252; 7/22. Moore, PA)
 - t2420 0130 R. San Carlos, PP, rock type pops, OM ancr; had a very good opening to deep Brazil this day, 50% sure of language, but see Colombia for another possibility (242; 7/27. Lowe, AR)(To Don Moore: This is probably your unID PP station on 7/22.)
 - 2450 0120 R. Cultura Aracatuba, PP, YL vocals, OM ancr, (342; 7/27. Lowe, AR)
 - 3205 0055 R. Ribeirão Preto, PP, OM sx event, off-season soccer?? -- no, that's the Southern Hemisphere, so that could be the on-season!! (323; 7/27. Lowe, AR)+2
 - 3235 0035 R. Clube de Marília, PP, light mx, OM ID, RTTY QRM (333; 7/22. Moore, PA)+1
 - 3255 0058 R. Educadora Cariri, PP, OM ID, tlk, my 50th Brazilian -- guess that makes me an official Brazil nut, eh? [The Boy from Ipanema had better look out!! hi! cpjh] (323; 7/30. Lowe, AR)
 - 3275 0100 R. Cultura de Poços de Caldas, PP, OM ID as shown, this seems to be a move from 3265 where I heard it last year (323; 7/30. Lowe, AR)
 - 3275 0124 R. Dif. de Alagoas, PP, OM w/ anmts & IDs & mixed Brazilian mx; (342; 7/18 Cucura, PA)(hmmmm! cpjh -- shall we fight it out, gents?)
 - 3295 0049 R. Iguatemi, PP, YL, Barbra Streisand-type pop vocal (nasal mx, I suppose, cpjh, hi!)(323; 7/30. Lowe, AR)[0125] 252; 7/22. Moore, PA // Lowe, AR)
 - t3315 0048 R. Assunção, PP, MOR-vocal mx, very deep in het, no chance of ID (222; 7/30)
 - 3335 0018 R. Clube de Conquista, PP, local pop mx, ID @0023 (333; 7/22. Moore, PA)
 - 3345 0044 R. Educadora Uberlândia, PP, OM ancr, MOR vocals, no QRM but noisy (322; 7/30. Lowe, AR)
 - 3365 0047 R. Cultura Araraquara, PP, ads, anmts, ID by YL @0049 (433!; 7/27. Lowe, AR) ([0020] 253; 7/22. Moore, PA)
 - 3385 0058 R. Congonhas, PP, tlk by OM, has only 80% or less modulation. Can't get anything but the deep Brazilians on 90m these days (323; 8/4. Lowe, AR)
 - 4765 0841 R. Rural, PP, OC from 0800, tune-in found OM ancr, chorus singing local mx, this one had a problem with undermodulation (433; 7/31. Lowe, AR)
 - 4785 0832 R. Ribamar, PP, OM ancr, local mx, (354; 7/22. Moore, PA)
 - 4795 2335 R. Dif. de Aquidauana, PP, ballads, OM IDs @2345, 2350 (353; 7/21. Moore, PA)
 - 4855 0828 R. Clube do Pará, PP, many singing IDs, (---; 7/11. Mikell, IL)(352; 8/1. Jones, MS)[0745] 434; 7/31. Lowe, AR)

BRAZIL (continued)

- 4895 0858 R. Cultura de Bahia, PP, NA, anmts by OM, ID; (433; 7/31. Lowe, AR)
4905 0036 R. Relogio Federal, PP, tlk w. TC each minute (333; 7/30. Yajko, PA) +1
4915 *0759 R. Nac. de Macapá, PP, anthem, full ID, address by OM, into pop mx px called "Bom Dia Nacional," (444; 8/2. Lobdell, MA)(222; 7/20. Tannenwald, NY)
4985 0105 R. Brasil Central, PP, tlk, mx, ads, ID; (322; 7/14. Tannenwald, NY)+3
5025 0753 R. Borborema, PP, ads, ID by OM, into light pops, RTTY QRM; hrd evenings, too (424; 7/31. Lowe, AR)
5035 0025 R. Aparecida, PP, mx, tlk, ID @0030; (322; 7/21. Tannenwald, NY)
5045 0907 R. Cultura do Pará, PP, pop/instrumental mx, YL w/ ID (444; 7/31. Lowe, AR)+2
5965 1005 R. Guaiaba, PP, tlk (211; 7/7. Takigu, JAPAN)([0910] 444; 7/31. Lowe, AR)
6000 2335 R. Inconfidência, PP, U.S. pops, IDs (444; 8/7. Brame, IL)+3
6015 0807 R. Clube Pernambuco, PP, OM vocal, ads, overmod. (433; 7/31. Lowe, AR)
6035 0931 R. Globo, PP, echoing OM anmts (do all Brazilians have to echo, or is it just voluntary? hi! dbl [I don't know, know, know, knnnooooowwwww!!! cpjh])(423; 7/31. Lowe, AR)([0040] 333; 7/31. Yajko, PA)
6045 0028 R. Clube Paranaense, PP, OM mentioning Para, ID sounded like "Pa-ri-ba" (333; 7/31. Lowe, AR)
6095 1011 R. Dif. São Paulo, relaying R. Tupí, tlk, mx; (333; 7/7. Takigu, JAPAN)+1
6135 0807 R. Gaucha, PP, OM anmts to accordian mx background (433; 7/31. Lowe, AR)
6165 2359 R. Cultura do São Paulo, PP, hoopla, tent. ID (322; 7/27. Lowe, AR)
9585 2318 R. Excelsior, PP, "A Voz do Brasil" //9675, not very interesting px (222; 7/26. Lowe, AR)
9593 2253 R. Cultura de Bahia, PP, "A Voz do Brasil," OM w/ speech, fq. is approximate, but lower than 9595 (322; 7/27. Lowe, AR)
9635 2233 R. Aparecida, PP, "A Voz do Brasil" (222; 7/26. Lowe, AR)
9645 2318 R. Bandeirantes, PP, "A Voz do Brasil" (323; 7/25. Lowe, AR)
9675 2315 R. Diario da Manhã, PP, "A Voz do Brasil," propaganda by OM, mx. In the July Atlantic Monthly, a correspondent in Brazil says that several stations have been fined for not carrying this px. He also says that people across the country turn off their radios every afternoon when it comes on! (444; 7/25. Lowe, AR)
9685 0220 R. Gazeta, PP, sx contest, under R. Sweden on 15325, (232 [343 after RSweden 0228*] 7/19. Lattemann, WA) AR)
9695 2310 R. Rio Mar, PP, choral mx, anmts; (344; 7/21. Moore, PA)([2221]322;7/26.Lowe,
11780 0043 R. Nac. Brasília, PP, tlk, ads, under RMoscow (323; 7/31. Yajko, PA)+1
11925 2327 R. Bandeirantes, PP, "A Voz do Brasil" (My, Derek, you're one person who doesn't turn off his radio when "A Voz do Brasil" comes on, hi! cpjh); other 25m Brazilians not hrd (323; 7/25. Lowe, AR)
15290 0300 Radiobrás, EE, ID as "Radiobrás" and "R. Nacional, ZYE365," mostly Braz. mx as has become usual, QRM from Spain on 15295 (433; 7/19. Lattemann, WA)+6

FROM THE JULY 31st EDITION OF SWEDEN CALLING DXERS, WE HAVE:

Brazil According to a letter from ZYF813, R. Timbira do Maranhão, on 4975 kHz: "We will also take the opportunity to inform you that Radio Timbira do Maranhão has long been broadcasting a special program called 'The International Correspondent,' which, produced in both EE and PP, is presented every Sunday 2300-2400 GMT as a way to have friendly conversation with all SW listeners around the world." (Ivar Stormo, Norway)

CHILE

- 6135 1103 R. Univ. de Concepción, ID, short nx item about Nicaragua, mx; (343; 7/25. Jones, MS)
6150 0006 R. Cooperativa Vitalicia, OM tlk, tent ID as "R. Nacional" (undoubtedly the National program carried over all stations and not the actual station ID. cpjh)(322; 8/4. Lowe, AR)
9750 1035 R. Minería, the national px after multiple IDs of station (343;7/4.Connell,CA)
11765 0550 LVCH, EE, cmt, mx, 0600* (434; 7/13. Scott, OK)
15140 2332 LVCH, mx, ID, chimes, ID in EE (555; 7/26. Korneke, VA)(333;8/6.Berkholtz, MN)
17800 0130 LVCH, EE, nx and commentary, (433; 7/16. McKinney, PA)+2

COLOMBIA

- 4755 0735 Emis. Nuevo Mundo, cont. LAm pop mx, OM net ID @0746, mx; (453;7/22.Thompson, CA)
4815 0200 R. Guatapurí, OM ID, pop vocal mx, tlk (222; 8/3. Audette, MA)+1
4885 *1001 Ondas del Meta, SS, ID, calls, fqys, NA (353; 7/12. Jones, MS)
4925 1009 Emis. Meridiano 70, noisy pops (does that mean lots of popping noises, or you don't like modern mx, hi! cpjh)(434; 8/2. Lowe, AR)
4945 0445 R. Colosal, LAm mx, racing results, nx @0500, IDs (333; 7/23. Angeloni, NY) ([0400] 333; 7/22. Stone, ON)
4965 0130 R. Santa Fe, several IDs, vocals, ads; (333; 7/31. Yajko, PA)([0825] 353;8/8; Forsman, CA)([0700] 7/13. Lattemann, WA)
4975 1027 Ondas del Orteguzaza, OM TC, ID, into wake-up loud mx; have a station here in the evenings under the RTTY that may be them, too (422; 8/2. Lowe, AR)
5040 0718 R. Cinco, Lively LAm mx, several uninterrupted selections, ID@0732 as "R. Cinco" w/ BCB fq (343; 7/16. Lattemann, WA)
5075 0015 R. Sutatenza, OM/YL ancrs, mx, RTTY QRM (343; 7/19. Earhart, PA)+2

COLOMBIA (continued)

- 5095 0035 R. Sutatenza, ID, CW QRM, mx, (433; 7/22. Stone, ON)+2
 5935 0956 R.Dif. Nacional de Colombia, t1k on food, gongs, ID, into math lesson @1000 (444; 7/23. Jones, MS)([1015] 443; 7/26. Zilmer, WI)
 5955 1012 LV de los Centauros, typical brassy Colombian pop mx, OM voice-over, modulation trouble (434; 8/2. Lowe, AR)
 5997a 0931 R.Dif. Nacional de Colombia, drifted from 5997-5991a in less than 30 min. gongs, ID @0958, into math lesson as on 5935, (433; 8/1. Jones, MS)
 6045 0600 R. Melodía, most nights w/ good sigs around this time on this new fqy. Px "Canciones de América" is a good mixture of stuff, but mostly ranchera. Slogan hrd is "Las más interpretaciones de música." (Newmann, AZ)+4 (Great to see you back with us, Serge! cpjh)
 6065 0555 R. Super, numerous IDs, typical vocal mx, backed up by accordion. ID@0601 (333; 7/9. Lattemann, WA) +2
 6075 1038 R. Sutatenza, pops, OM ID, //5075 but not 5095, dedications (444;8/2.Lowe,AR) ([1030] 322; 7/10. Tannenwald, NY) Lowe, AR)
 6095 1042 LV del Centro, Colombian campo yipping-style pops, undermodulated (444; 8/2./
 6115 0218 LV del LLano, LAm mx, t1k, more mx, etc (434; 7/27. Loren, CA)(544;7/15. Shaffer, IN)+1 Witte, CA)
 6150 0920 LV del Huila, ID, into LAm mx; (544; 7/15. Shaffer, IN)+6
 6170 1000 LV de la Selva, ID, "Buenos Dias Caquetá" (344; 8/2. Leeman, RI)+2
 11792 1100 R. Nac. de Colombia, chimes @1100, ID, class mx px, OM t1k, ID as "Radio Emisora Nacional de Colombia" (444;8/3. Audette, MA)(333; 7/14. Mellinger, NJ)

ECUADOR

- 3220 0914 HCJB, Quechua t1k (I guess!) by OM, organ mx (434; best on band, 7/31.Lowe,AR)
 15180 2138 HCJB, EE, DXPL, tried listed fqys to no avail and then ran across this; het @2145 (433; 7/21. Holmes, CO)([2130] 322; 7/28. Zilmer, WI)+37 other rpts. of HCJB
 3053 0349 LV del Triunfo, song "Para macho" then severe QRM wiped out ID (212; 8/7. Getzel, NY)([0333] 333; 7/18. Cucura, PA)
 3315 0305 R. Pastaza, nice Ecuadorian mx, ID, anmts f/o 0320 (252; 7/9. Cucura, PA)
 3380 0359 R. Iris, ID, then "...Nac. de Ecuador" (433; 7/7. Getzel, NY)
 3390 0325 R. Zaracay, OM w/ IDs, Ecuad. mixed mx; fqy, NA, 0403* (433; 7/9. Cucura, PA) ([0825] 333; 8/6. Forsman, CA) AR)
 3985 1031 Escuelas Radiofonicas Populares, YL t1k, pure Andean campo mx, (433;8/2.Lowe,
 4680 0748 R. Nacional Espejo, OM IDs, pop/Ecuad. mx (443; 7/22. Thompson, CA)(443;8/4 Donly, SC)
 4765 0404 R. CRE, lots of IDs, ads, LAm pops (444; 7/21. Howell, CA)([0420] 423; 7/18. Brame, IL)([0346] 433; 8/4. Lowe, AR)
 4795 0230 LV de los Caras, Ecuad. mx, anmts; (333; 7/30. Alexander, PA)([4795+, 0321] 322; 7/31. Lowe, AR)
 4801 0635 R. Popular noted here w/ Ecuad. mx w/ distinct Oriental rhythm. Announces as "R. Popular de Cuenca," w/ no mentions heard of "Independiente." Weak but listenable this date, not so hot on subsequent nights (8/5. Neumann, AZ) Lowe, AR)
 4850 0545 R. Luz y Vida, Latin mx, accordion-type instrument, YL anc; (433; every night
 t4890 0345 R. Centinela del Sur, rock mx, gone @0347! no ID; (333; 8/4. Lowe, AR)
 t4905 1010 LV de Zamora, Ecuad. NA, campo-type mx, OM ID, tent, mx sounded more Colombian than Ecuad. Haven't heard this prev. inactive one since '76 (433; 7/29. Lowe, AR)
 4910 0402 Emis, Gran Colombia, nx; (252; 7/21. Moore, PA)
 4920 0125 R. Quito, SS, fast talking OM (ancing a game?) (444; 7/30. Audette, MA)+1
 4960 0247 R. Federación, SS, 0247-50 EZL mx, 0253 ID, s/off anmts, etc., 0256 NA, 0300* (333; 7/19. Vranes, PA)
 4980 0501 Ondas Azuayas, s/off w/ Ecuad. NA, tremendous strength through Venez. s/off (444; 8/2. Lowe, AR)
 5061 0435 Sist. de Emis. Progreso, LAm mx, ID as "R. Progreso," (444; 7/31. Brame, IL) ([0508*, OM ID q/ fqys, NA in background, pulled plug right in the middle of the fight strain! (If you've heard the Ecuad. NA, you'll appreciate that! cpjh) Have they no respect!] 434; 8/2. Lowe, AR)

FALKLAND ISLANDS-FIBS

- t2370 0050 Carrier, peaks @0130; when deep Brazil (São Paulo & Minas Gerais States) is in I can pick out bits of light mx; there is also an OC up 1½ kHz which you should not confuse with Falklands; FIBS is gone by 0200 - Neal Perdue has hrd this, and I hope I can ID it as we move into fall. QRM is usually terrible (241; 7/25,26,27, Lowe, AR)

FRENCH GUIANA-FR3

- 3385 0916 FF, tropical mx, very strong (444; 7/31. Lowe, AR)([1000] 343; 7/21. Durna-/vich, IL)

GALAPAGOS ISLANDS-La Voz de los Galápagos

- 4810 0400* OM anc, IDs @0357 every night just before the long version of the Ecuadorian NA. Strong, but some QRM from what I believe to be a re-activated R. Popular, Venezuela. (433; every night. Lowe, AR)

GUYANA-CBS

5950 0231 EE, OM w/ mixed mx, ID, NA, 0252* (322; 7/19. Cucura, PA)

PERU

- t3385 0410 La Voz del Centro ((t); OM tlks, ID, sig. too bad for copy, is this still active? (Yes, report of Kevin Mayer in Peru in last month's FRENEX; question is, is what you heard them? SIO is rather high. We'll listen some more this month. cpjh)(342; 7/21. Howell, CA)
- 4815 0940 R. Samarén, SS/lang; mariachi band mx, flute mx w/ rhythm sticks, vocal not SS, (333; 7/4. Connell, CA)(Did you hear an ID?? cpjh)
- 4860 0635 R. Chinchaycocha, group vocal, not very Andean-sounding. Runs late. (333; 8/3. Lowe, AR)([0411] 252; 7/22. Moore, PA)
- 4995 0952 R. Andina, OM ancs., another one with "Big Deal" sound, mx (442; WWV slop, 8/2. Lowe, AR)([0934] 232; 8/6. Forsman, CA)(333;7/9. Cucura, PA)
- t5050 0340 R. Loreto, OMM tlks, mx bits, QRM from RTTY and unID time pips -- couldn't be sure this wasn't TWR (5055??cpjh)on early, but I think Peru(322; 8/4. Lowe,AR)
- 5970 0415 R. El Sol, mx, ammts; full ID @0448 w/ station address in Lima (343; 7/10. Holmes, CO)([0540] 343; 7/21. Granone, NM)([1044] 433; 7/31. Lowe, AR)
- 5980 0615 R. Panamericana, light mx, ID, ad for "Inca Cola" promos for px (I've tried Inca Cola here in NYC, and it's not great. cpjh)(443; 7/21. Granone, NM)+3
- 6010 1055 R. América, ad for something that's "¡la unica!", QRM de Costa Rica. Not the Venezuelan -- I've never been able to raise an IDable sig. out of them (423; 8/6. Lowe, AR)*[1056] 332; 7/25. Jones, MS)
- 6020 1009 R. Victoria, px from the Ministerio de Agricultura -- OM tlk w/ bits of música alegre (lots of whooping [We call 'em drinking songs here, hi! cpjh])(444; 8/6. Lowe, AR)
- 6115 1047 R. Unión, OM/YL sedate tlk, YL tent. ID, campo chorus -- over LLano (423;8/6. Lowe, AR)([1058] 433; 7/22. Jones, MS)
- 6175 1043 R. Tawantinsuyo, mx de campesinos, OM ID in passing tlk, QRM on channel (423; 8/6. Lowe, AR)

SURINAM-SRS

4850 0411 EE/Dutch, rock mx, OM w/ ID in Dutch and some EE tlk (433; 7/25. Zavatsky,CT) ([0945] 453; 7/27. Jones, MS)

URUGUAY

- 6155 0015 R. Carve, mx, incl. US pops, informative px @0029-32, ID @0100; 0103* (322; 8/1. Lazarus, LA)([Panorama del Sportivo; 0900] 333; 7/27. George, TX)
- 11885 2320 SODRE, EE, YL tlk (332; 6/30. Scott, OK)([2330] 422; 8/2. Brame, IL)([2337; erratic schedule, never seems to be the same for 2 days in a row] 333; 7/14. Pimblett, AB)

CLARENCE E. MAISE, JR. SENDS THE FOLLOWING SHORT NOTE ON SODRE:

"I have been able to hear Radio SODRE pretty regularly for the past couple of weeks with good reception. Their program in EE is on daily @2335 -- there is a light nx px by a YL ancr w/ all of news dealing with local of LAM topics. Then there is some light talk for the rest of px (it ends @2335) on aspects of life in Uruguay. There are three IDs spaced evenly through the program: 'Radio SODRE International, coming to you from Montevideo, the capital of Uruguay.' She gave fqys. as 9515 and 11885. The address is: 'SODRE, Mercedes 823, Montevideo, URUGUAY.'"

VENEZUELA

- 3215 0900 Ondas Panamericanas, LAM mx w/ TCs and exeuted ID - weak mod (322; 7/4. Connell, CA)(I'd like to remind everyone that stale loggings are of little use -- try to submit only topical and fresh loggings. Thanks. cpjh)(242; 7/30. Alexander,PA)
- 3355 0222 R. Impacto, OM w/ mixed LAM tunes, ID (222; 7/18. Cucura, PA)
- 3375 1110 LV de la Fe, SS, OM, lively folk tunes, tlk, steam engine sound effects (322; 7/10. Thompson, CA) ra, PA)
- 3395 1032 R. Universidad, ads, tlks, mx; (232; 8/6. Forsman, CA)([0248] 222; 7/9. Cucu-
- 4770 0950 R. Bolívar, descending chimes into ID, pop mx, 5 minutes of ads (343; 7/4. Connell, CA)([0105] 333; 7/10. Stone, ON)
- 4780 0325 LV de Carabobo, ballads, OM ID (353; 7/22. Moore, PA)
- 4800 *0956 R. Lara, NA, ID, calls, fqys, (333; 7/16. Jones, MS)
- 4840 *0917 R. Valera, NA, ID, calls, fqys, mx; (353; 7/16. Jones, MS)
- 4900 0100 R. Juventud, OM, EE rock concert mx, mostly EE mx after that (444; 7/30. Audette, MA)([0100] 322; 7/9. Tannenwald, NY)
- 4940 *1000 R. Yaracuy, ID, fqys. & calls during NA, QRM; (---; 7/11. Mikell, IL)([0240] 322; 7/25. Stone, ON)
- 4970 1000 R. Rumbos, local popular mx, OM, gave xmission site as Villa de Cura, then bottled water ad (444; 7/4. Connell, CA)+2
- 4980 0130 Ecos del Torbes, nx of Nicaragua, many stories of San Cristobal, jingle ID @0147, ad for Pepsi, LAM mx (333; 7/25. Fisher, MA)+5
- 4990 0620 R. Barquisimeto, OM ballads, ID, ads near the half hour (242; 8/7. Thompson, CA)([0115] 323; 7/14. Tannenwald, NY)
- 5030 0045 R. Continente, OM ancr, ballads, frequent ID (222; 7/8. Duran, NJ) +2

VENEZUELA (continued)

- 6010 1014 R. Los Andes, LAM pop mx, ID by YL as "R. 1040," Reloj absent from 6006 (453; 7/6. Jones, MS) ([1010] 322; 7/23. Tannenwald, NY)
- 6170 0908 R. Nacional, Light Venez. mx, TC @0913, PSA w/ phone numbers for hospitals, banks, & ambulances, TC was 5 minutes fast (---; 7/11. Mikell, IL) (353; 7/18. Owsley, CA)+2
- 6180 1021 R. Turismo, OMM vocal, TC by locutor, group vocal (444; 8/2. Lowe, AR) ([1000] 333; 7/17. Tannenwald, NY)
- 6190 0355 Ecos del Torbes, OM tlk, NA @0358, 0400 anmt "Aquí Venezuela," followed by another anthem, 0403 carrier off (343; 7/9. Lattemann, WA) +2
- 9660 0357 Radio Rumbos, OM tlks, famous "doorbell" chimes between news stories, ID (322; 8/6. Morrison, NC) ([getting strong here as we approach the fall equinox, 2313] 444; 7/25. Lowe, AR) ([0145] 443; 7/19. Lattemann, WA)

NOTE -- I AM EXTENDING THE DEADLINE FOR SUBMISSIONS OF MASTHEAD DESIGNS FROM SEPTEMBER 1 TO OCTOBER 1 -- THE WINNER WILL BE ANNOUNCED IN THE NOVEMBER W/H. IF YOU HAVEN'T SUBMITTED A DESIGN (AND 1,198 OR SO OF YOU HAVEN'T) GET YOURS IN NOW. CPJH.

CENTRAL AND NORTH AMERICA

ANTIGUA - cut this month. There were 19 reports.

CANADA

- 5960 0215 RCI, EE, DXD II; (433; 7/30. Berkholtz, MN)+2
- 6005 1410 CFCX, Montreal, EE, OM ancr, ads, pop mx (444; 7/27. Zavatsky, CT) (544; 7/30 Coleman, MA)+6
- 6030 1455 CFVP, Calgary; EE, pop mx, ns @1500, ads for Safeway, lotteries, Montana tourism (242; 7/12. Pimblett, AB)
- 6065 1220 CBCNS, EE, sx nx, OM w/ nx, IDs, into Inuit nx, 1300* (444; 7/20. Audette, NY)
- 6070 2125 CFRX, Toronto; EE, racing rpt, ads for "Fotomat," mx; (222; 7/19. Angeloni, NY)
- 6080 0850 CKFX, Vancouver, EE, Peaches and Herb "Reunited," (sounds like a great way to get a summons, hi! cpjh) 0900 nx, C&W mx; (142; 7/2.1 Mellinger, NJ) ([0845] 8/8. Forsman, CA) ([0845; "100 Times A Day" (subtitled: "The Deliveryboy's Lament." cpjh) 353; 7/22. Radcliff, IL)
- 6120 0218 BBC, Sackville, EE, medical nx, (423; 7/7. Scott, OK) (444; 7/3. Wilkinson, MB)
- 6160 0030 CKZU, Vancouver, EE, world & Canadian nx, ID as "CBC Radio News," YL ancr Ann Mitchell w/ afternoon px, "Three's Company," pop mx, tlk (444; 7/19. Lattemann, WA) ([0Canada @0803] 232; 7/15. Lowe, AR) ([0730] 232; 7/18. Radcliffe, IL) ([0800] 444; 7/15. Pimblett, AB) cliffe, IL)
- 6160 0833 CKZN, St. John's; EE, TC, weather, "Cabaret," discussion (242; 7/23. Rad-
- 9625 2310 CBCNS, EE, "As It Happens," interview w/ columnist Victor Reisel on Carlo Gambino (545; 7/13. Mellinger, NJ) ([2320] 555; 9/27. Smith, CA)
- 9755 0010 RCI, EE, Mailbag px, DXD, incl. nx that WRTH will not increase in price next year unless ordered direct (443; 7/22. Lattemann, WA)
- 11720 1925 CBCNS, FF, YL intro, mx, (433; 7/9. Hrivnak, IL)+3
- 11845 0300 RCI, EE, ID, into nx; (555; 7/20. Owsley, CA) Schroeder, WI)
- 15150 2135 RCI, EE, OM ID, Afr. Svce., Accent px; YL tlk on planetary system (544; 7/8./
- 15325 1730 RCI, GG, nx (433; 7/1. Berkholtz, MN)
- 17820 0117 RCI, EE, discussion of flat tires, (444; 7/28. Blaize, LA)+3

COSTA RICA

- 4832 0300 R. Reloj's "Aquí Costa Rica" indeed at this time GMT Tue., as hrd 7/17, but runs only half an hour, not an hour as previously reported. Does include an EE ID, but the rest of the program is rather superficial in SS. The next week, 7/24, it was 10 minutes late (on a 'clock station?') at 0310-0340. Reception is much better in the dead of night, for the other airing, GMT Sunday 0700 /6006 (Hauser, TN)+5
- 5055 0345 Faro del Caribe, EE, Rel. tlk, mx; (222, het; 7/13. Munster, CA)+1
- 5955 0545 R. Casino, EE, "Pinball Wizard" from "Tommy," by the Who, ID, NA, 0601* (333; 7/15. Lobdell, MA)+4
- 6006 0300 R. Reloj, off air both 7/22 and 7/23 from 0300-0500 (possibly longer) but 4832 was heard both days (Durnavich, IL) ([0345] 312; 8/1. Blaize, LA)
- 9615 2215 R. Noticias del Continente, 7/28 2215, 2222, 2230 ancing that as of 8/1 the evening xmission @0000-0500 GMT would move to 9490, while the repeat @1800-2330 would remain on 9615. One DXer reported them on 9490 before, so that was no accident! Good thing they're getting off 9615, as RCI planned to use it in the S79 evenings (Hauser, TN) ([0108, nx reports on Nicaragua, 0115 bulletin "Atención, San José, Atención," foll. by nx of 'President' Urcuyo of Nicaragua ("President for a Day") fleeing to Guatemala, expected liberation of Managua, ID @0120, nx report from Leon, read a report from R. Reloj about National Guard defections. I heard about Urcuyo's flight here first, even before the BBC!] 443; 7/19. Lattemann, WA)
- 9645 1130 Faro del Caribe, TC in CDT, "Amanacer con Dios" px (434; 7/2. Lowe, AR)

CUBA

- 9525 0630 RHC, EE, nx, cmt, mx (445; 6/8. Zimmer, MO)+2

CUBA (continued) - (O dear, I don't think I'm going to have enough room!! cpjh)

9600 1228 RMWS, EE, people and events, (454; 7/31. Smith, FL)
11700 2200 RHC, EE, nx, cmt, mx; (333; 7/27. Zilmer, WI)
11760 0455 RHC, EE, tlk about building houses in Bulgaria (555; 7/10. Curtis, TN)+5
11840 2000 RM relay xmtr 7/29 all day long nothing but that hefty hum. Not a bad idea, come to think of it, but makes me wonder if this operation is unattended, at least on Suns, turned on and off by a clock-timer w/ no human-in-charge to notice whether there is any modulation (Hauser, TN)+5
11930 0125 RHC, EE, "Spotlight on LAm" (6-- [what's 6? cpjh]; 7/17. Searles, IA)+2
15230 0459 RHC, IS, ID, OM/YL cmtry (444; 8/6. Munster, GA)
15235 1948 RHC, OM/YL nx (Nicaragua) (534; 7/20. Thompson, CA)
17855 2110 RHC, EE, speech, mx; (444; 7/11. Sanderson, AZ)+2

DOMINICAN REPUBLIC-Radiotelevisión Dominicana

9505 0129 ID in EE, requested reception rpts; (433; 7/17. Stone, ON) (["This is international wave of R.T.V.D." location, requests for reports] 433; 7/18. Pavelka, NY)+4

GREANADA-Radio Free Grenada

15045 2327 EE, election mx (?), ID @2330, airport ceremonies w/ PMs of Grenada, St. Lucia, & Dominica for St. George Conference, (444; 7/13. Munster, GA) ([local anmts: "the selling of fish at the main market must cease immediately"] 433; 7/11. Pimblett, AB)+10

GUATEMALA - NOTE: I'VE JUST BEEN INFORMED BY EDWIN STICKLE THAT THE AWR OUTLET IN GUATEMALA WAS SKEEDED TO BE ON THE AIR ON 8/17. FREQUENCY IS 6090 kHz. TIME IS NOT KNOWN. LUXEMBOURG IS, OF COURSE, IN THE WAY HERE. LET'S LISTEN!!!
2390 1102 LV de Atitlán, OM ID, fqys in kcs & metros, marimba mx (444; 8/2. Lowe, AR)
3300 0440 R. Cultural, EZL mx, ID in SS @0445, nx headlines (343; 7/9. Lattemann, WA)+6
3360 0400 LV de Nahualá, ID, into LAm mx px; (434; 7/18. Shaffer, IN)+1
6180 0430 R. Nacional, EZL mx, IDs as "R. Nacional de Guatemala" (433; 7/12. Pimblett, AB) ([0545] 433; 8/4. Witte, CA)

HAITI-4VEH

9770 1716 EE, Hour of Decision, ID (444; 7/17. Smith, FL)
11835 1215 EE, //1035, px seems to be syndicated OM gospel, mx; (433; 7/4. Clark, KS)+8

HONDURAS

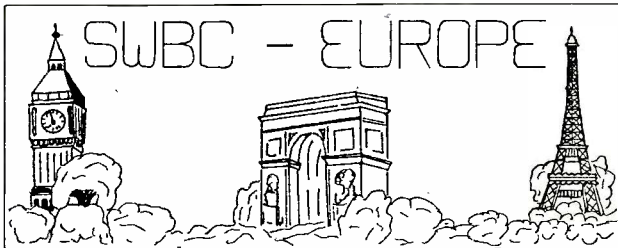
4820 0438 La Voz Evangélica, EE, message from Moody Bible Institute (434; 7/8. Scott, / OK)+5
4890 0110 R. Lux, LAm pop mx, vocals, ID w/ echo on tail end (444; 8/7. Jones, MS)

MEXICO

2390 0140 R. Huayacocotla, SS, Mex. ballads, YL ID (352; 7/22. Moore, PA)
6020 1129 XEJU, OC, into NA, OM voice-over "Estimados amigos de la república, muy buenos días!" Gave 930kHz MW fqy only, slogan as "La Voz de Oro," and shouted "Veracruz," (444; 8/6. Lowe, AR) (["...La "u" de Veracruz..." 1138] 342; 8/5. Jones, MS)
6185 0513 R. Educación, OM vocal, YL w/ inaccurate TC, mx (433; 8/2. Lowe, AR)
9600 2135 R. Universidad, piano mx, roughly classical, OM/YL ancrs @2157 w/ "Sintonice con X-E..." Seems to be off Sundays (343; 7/25. Lowe, AR)
9705 0300 R. México, mx, cmt, 0330* (322; 7/14. Hrivnak, IL)
15430 0145 R. México, tlk, (544; 7/26. Sylvester, TX)
17765 0332* México, R. México, noted 7/21 closing as 0332 after Teletipo px, here and on SS 15430, apparently curtailed xmissions (Hauser, TN)

MONTSEERRAT and NETHERLANDS ANTILLES cut this month, 27 reports in all

NICARAGUA - R. Sandino (Printed here by date -- only used logs after 7/16. cpjh)
7/16. 7316, 0557; RS, ID @0557, folk/patriotic mx, no jammers (433; Lattemann, WA)
7/17. 7316, 0501; RS, 2 impassioned OM, tlk on setting up a social democratic government, mx w/ beginning: "Un pueblo, unido..." no jamming (433; Lattemann, WA)
7/19. 7317, 0500; RS, *0506, mx on in middle of selection, ID, speeches, mx alternated, then nx. Still going @0533. (454; Boehm, TX)
7/21. 5990a, 0845, distorted audio, tlk, many mentions of Nicaragua, Spur from some other fqy? (probably not RS, Jack. cpjh) (252; Jones, MS)
7/26-29; 11735, 1820+; RS, anmts, "Esta es el poder Sandinista," ID, mx; found by accident (433; Sylvester, TX)
7/28-9; 11727.5, 11733v, 2202; RS, undoubtedly in Nicaragua, drifted upward during the day, very weak signal, certainly not 100kW Rdif. Nacional xmtr. Somoza may have left behind! First noted 7/28 @1545 just above 11730 hetting it w/ proclamations, IDs, just like old times; by 1612 just below 11731, praising Cuban revolution. @1839 check, up to 11732½, w/ "La hora del poder Sandinista" [undoubtedly the phrase hrd above under 7/26-29 cpjh] TC for 12:40 (never were any TCs on clandestine Sandino, no doubt because the pxx were all pre-taped.) and at 2202 same kind of TC on 11733. Can't be sure if goes off before evening or is swamped by QRM, but I think the former, as couldn't find any carriers in the area later. 7/29 @1418 tune-in, on 11727.5; by 1500 was just above 11729, closing in on KTWR 11730 as it signed off; by 1600 just above RNederland on 11731. At 2030, a carrier on 11732.5. NO MORE ROOM. IF YOU WANT A COPY OF THE USA LOGGINGS SEND ME A SASE. CHRIS



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

ALBANIA

5057 0350 RG; Alb. local polka style mx (332 Earhart-PA)
 7065 0355 RT; AA on w/ tx IS s-off (344 7/6 Munster-GA)
 7120 2220 RT; EE yl cmtly on China ID (232 7/21 Audette-MA)
 7300 0330 RT; EE ID "This is Radio Tirana" too much interference (322 7/24
 Searles-IA)(Scott-OK)(Hrivnak-IL)
 9750 0230 RT; EE nx by yl (422 7/25 Pimblett-ALB)(Stone-ONT)(454 Earhart-PA)

AUSTRIA

5945 *2305 ORF; EE ID Panorama interviews (444 7/22 Audette-MA)(Blaise-LA)(Hrivnak-IL)
 9770 0145 ORF; EE tx about doctors in Austria (454 7/22 Earhart-PA)(Yajko-PA)
 (Blaise-LA)(333 Berkholtz-MN)(Fraser-MA)
 12015 0028 ORF; GG tx QRM/QRN (222 7/11 Berkholtz-MN)(Stone-ONT)
 15260 0945 ORF; EE om tx mx yl/ "Summer Recipe" (333 8/5 Kemp-Blair-CA)(454 Munster-GA)(Marshall-CA)(Pimblett-ALB)(444 Hesch-NY) t-15
 15560 *1830 ORF; EE ID wld nx rpt on the Austrian presidential race (344 7/2 Audette)
 21560 *0600 ORF; GG IS multi lingual ID then prgm about Nicaragua (344 7/29 Blaise-LA)

BELGIUM

11705 0015 EE; "Mailbag" (333 7/17 Byron-NY)(Stone-ONT)(Holmes-CA)(Bohilla-IL)
 (Searles-IA)(Miller-CA)
 11715 2744 ORU; ID IS (454 7/17 Earhart-PA)
 15175 0016 ORU; EE nx "Brussels Calling" ID (323 7/8 Smith-FL)(533 Schroeder-WI)
 (Yajko-PA)(Earhart-PA)
 15475 0025 ORU; EE nx mx discussion of festivals (423 7/19 Hesch-NY)
 17740 1610 ORU; EE nx mx VOA-QRM (433 7/10 Pettit-IA)
 21475 1610 ORU; EE tx "Brussels Calling" (332 8/31 Pettit-IA)

BULGARIA

11720 1931 RS; EE nx mx interlude (533 7/7 Smith-FL)
 11750 2130 RS; EE nx cmtly listners letters (433 7/31 Zilmer-WI)(434 Curtis-TN)
 (Curura-PA)(Audette-MA)(Hodson-MN)(Smith-FL)(Pettit-IA)(Munster-GA)
 15135 2155 RS; EE mx end of prgm ID s-off (454 7/4 Earhart-PA)(Audette-MA)
 (Pimblett-ALB)
 15330 0020 RS; EE "Mailbag" (333 7/6 Alexander-PA)(Hasselkus-OH)(Earhart-PA)
 (Hrivnak-IL)(Clark-KS)(McKinney-PA)(Mellinger-NJ)(Yajko-PA) t 10
 17825 2050 RS; EE prgm on Rhodesian refugees yl/ mx show (444 7/17 Audette-MA)
 (Hodson-MN)

CZECHOSLOVAKIA

5930 0130 RP; EE nx cmtly on Nicaragua (444 7/23 Audette-MA)(Getzel-GB)(Blaise-LA)
 6055 0030 RP; EE "Interprogram" nx yl w/ classical mx (433 7/24 Audette-MA)
 7345 0350 RP; EE om in EE freq's prgm review ID (232 8/2 Latteman-WA)(Smith-FL)
 (Searles-IA)(454 Fraser-MA)(Hrivnak-IL)(Blaise-LA)
 9540 0115 RP; EE prgm sked (444 8/8 Binau-MD)(Hasselkus-OH)
 9740 0105 RP; EE "Topics of the day" tx on Vietnamese refugees (333 7/23 Audette-MA)(Wilkinson-MAN)
 11855 0736 RP; EE tx (333 7/7 Takigu-JAPAN)
 11990 0112 RP; EE nx mx (333 8/6 Berkholtz-MN)(444 McKinney-PA)(242 Pogue-CA)
 (Scott-OK)(Dieckmann-MO)(Beeman-OH)(McCurdy-CA)

DENMARK

15165 1557 RD; Danish tx ID sign-off in EE/Danish (444 7/24 Zavatsky-CT)(Scott-OK)

FINLAND

11755 2335 RF; EE tx about cows and more tx, was switching back to 15270 to find out which was best (443 7/19 Earhart-PA)

FINLAND cont

11835 1952 RF; EE rpt on Baltic conference s-off 2000 (4,3 7/25 Pimblett-ALB)
 15265 2330 RF; EE "Northern Report" (444 7/12 Dieckmann-MO)(Scott-OK)(Korneke-VA)
 (333 Witte-CA)(Berkholtz-MN)(Pimblett-ALB)
 15400 1345 RF; EE ID "Sunday Best" (444 7/15 Hodson-MN)(Semsky-IN)(Curtis-TN)
 (Berkholtz-MN)(Fallows-ONT)(Scott-OK)(Binau-MD)
 17755 *1430 RF; EE ID freq's nx (444 7/24 Audette-MA)(Wilkinson-MAN)
 17785 1445 RF; EE yl annr Finnish pop mx (333 7/20 Mellinger-NJ)(Earhart-PA)
 17895 0613 RF; PF tx then a ballad by male (353 7/21 Earhart-PA)
 21485 1445 RF; EE "Northern Report" prgm into unknown language (454 7/15 Owsley-CA)

FRANCE

15135 0445 RFI; FF "Call-in" prgm (444 7/8 Holmes-CO)
 15200 1845 RFI; FF om w/ pop mx (443 7/26 Thompson-CA)
 15300 1600 RFI; EE nx (333 7/10 McKinney-PA)(Blaize-LA)(Audette-MA)(Hrivnak-IL)
 15315 0500 RFI; FF ID freq's nx (444 7/10 Curtis-TN)
 15360 2033 RFI; FF pop mx (444 7/25 Pimblett-ALB)
 17720 1603 RFI; EE "PGA" nx og OAS conference (333 7/17 Smith-FL)(Bonilla-IL)(544 Piszczek-NY)
 17850 0755 RFI; FF mx and tx (434 7/29 Blaize-LA)(Audette-MA)(Smith-FL)
 21580 0619 RFI; FF DJ prgm with disco mx (344 7/29 Blaize-LA)(Smith-CA)(Fraser-MA)
 21595 1630 RFI; EE "P.O. Box 9516" (444 7/22 Curtis-TX)
 21620 0602 RFI; FF om w/ nx rpts in FF (353 8/1 Smith-CA)
 21645 1415 RFI; FF tx about cycle race (444 7/13 Leeman-RI)

GERMANY (FED REP)

9735 0350 DW; EE DX nx (433 7/15 Zilmer-WI)
 11905 0605 DW; EE ID QRM sig hard to understand (332 7/21 Earhart-PA)
 15235 0134 DW; EE ID mx (322 7/28 Blaize-LA)(Munster-GA)
 15275 1015 DW; EE mx prgm ID letters (343 7/29 Audette-MA)
 17845 0030 RL; RR nx (433 8/5 Berkholtz-MN)
 21600 1220 DW; EE tx on PLO ID's tx on agriculture (333 7/29 Audette-MA)(Yajko-PA)

GERMANY (DEM REP)

9730 *0100 RFI; EE nx tx about West Germany (444 7/12 Bratlie-MN)(Willis-PA)
 (Yajko-PA)(Berkholtz-MN)(Durnavich-IL)
 11840 0330 RFI; EE tx nx about Skylab (423 7/12 Zimmer-MO)
 11890 0640 RFI; GG pop mx tx by om (333 8/2 Witte-CA)(Oakley-CA)(Earhart-PA)
 (Munster-GA)
 11970 0117 RFI; EE nx cnty tx on SALT (333 8/6 Berkholtz-MN)(Audette-MA)(Durnavich)
 (Zilmer-WI)(Earhart-PA)

GREECE

9375 0215 VOG; EE nx local nx mx (342 8/5 Zilmer-WI)
 9515 0015 VOG; EE yl nx ID (343 7/12 Morrison-NC)(Zilmer-WI)
 11730 *0000 VOG; Greek IS s-on ID freq's (555 8/8 Bonilla-IL)

HUNGARY

9585 0300 RB; EE wld nx cnty (+33 7/8 Sanderson-AZ)(Yajko-PA)(Munster-GA)
 9835 0300 RB; EE IS ID nx (333 8/5 Zink-CA)(Boehm-TX)(Owsley-CA)(444 Audette-MA)
 (Berkholtz-MN)(Munster-GA)(Chinakos-WA)(Mitchell-ONT)(McCurdy-AZ)
 15220 1900 RB; EE drama about victory of Hungary over Turks (444 7/24 Fallows-ONT)
 (444 Getzel-GB)(Audette-MA)(Earhart-PA)
 15350 0135 RB; FF on annr pop mx (444 8/8 Binau-MD)
 17710 0200 RB; EE nx (555 7/11 Bratlie-MN)(Smith-FL)(Yajko-PA)(Stone-ONT)(Hrivnak-IL)
 (Wilkinson-MAN)(Byron-NY)

ITALY

11800 0103 RAI; EE political nx (333 7/11 Yajko-PA)(Willis-PA)(McKinney-PA)
 (Schroeder-WI)(Zavatsky-CT)
 15315 0400 RAI; EE nx (4,3 6/8 Zimmer-MO)(Pimblett-ALB)(Kemp-Blair-CA)
 21690 *1400 RAI; Italian mx cnty (333 7/2 Scott-OK)

LUXEMBOURG

6090 0040 RL; EE om annr pop mx DJ prgm (444 7/21 Mellinger-NJ)
 15350 0215 RL; FF om annr rock mx (444 8/1 Zavatsky-CT)(Pimblett-ALB)(Berkholtz-MN)
 (Fallows-ONT)

MALTA

6100 0000 DW; GG station ID freq's and nx (? 7/10 Searles-IA)(332 McCurdy-AZ)
 9605 0500 DW; GG nx (333 8/6 Gaede-CA)(Smith-CA)
 9735 0200 DW; GG nx (433 7/8 Berkholtz-MN)
 15105 0108 DW; PP mx ID (333 8/6 Berkholtz-MN)

MONACO

7140 0508 TWR; GG rel tx (444 8/2 Munster-GA) Sorry Ralf about the QRG. ed
 9610 0645 TWR; EE om w/ tx (222 7/13 Morrison-NC)
 11705 0440 TWR; EE IS ID (444 8/3 Witte-CA) Marjorie, TWR is confusing. ed
 11855 *0530 TWR; EE ID followed by prgm in unid. language (222 7/6 Alexander-PA)

NETHERLANDS

6145 0445 RN; DD sx results (333 7/16 Berkholtz-MN) Is this a new freq? ed
 15315 2330 RN; SS wld nx (333 7/10 Hrivnak-IL)
 17605 2100 RN; EE morning peoples prgm freq's s-off 2120 (443 7/28 Zilmer-WI)
 (Elaize-IA)
 17695 0706 RN; EE nx line ID sked (544 7/13 Smith-FL)(Grenier-CA)(Mitchell-NH)

NORWAY

9610 0130 RN; Nor. ID chicken and duck "quack-quacks" (433 7/3 Stone-ONT)(Hrivnak-IL)(Coleman-MA)(Duran-NJ)(Donly-SC)
 11850 0615 RN; EE "Listnaers Mailbag" (443 7/11 Witte-CA)
 11870 0200 RN; EE nx "Norway this Week" (333 7/23 Zink-CA)
 15175 1805 RN; EE "Norway this Week" (444 7/29 Audette-MA)(Yajko-PA)(Pimblett-ALB)(Mitchell-NH)(Munster-GA)
 17775 2215 RN; Nor. mx tx by yl (343 7/19 Earhart-PA)
 17795 *2100 RN; Nor. EE ID (444 7/15 Pimblett-ALB)(Miller-CA)
 17840 1420 RN; EE om "Norway this Week" (433 7/2 Audette-MA)(Cucura-PA)
 21730 1415 RN; EE guided tour of Oslo mx ID (344 7/29 Audette-MA)(Korneke-VA)

POLAND

6095 *0200 PR; EE ID om/yl "This Week in Poland" (433 7/30 Cucura-PA)
 9525 *0000 PR; Polish IS ID px for Polish seamen (333 7/29 Zilmer-WI)(Pimblett-ALB)(333 Yajko-PA)(Bratlie-MN)
 9540 1830 PR; GG ID into GG nx by yl (333 7/12 Getzel-GB)
 11815 0200 PR; EE cmt "Saturday Night Hit Parade" (423 7/8 Dieckmann-MO)(Audette-MA)(Berkholtz-MN)(Phillips-CT)(Byron-NY)(Stone-ONT)(Piszczyk-NY)
 15120 0300 PR; EE om w/ nx cmt (453 7/5 George-TX)(Berkholtz-MN)(Holmes-CO)(Beeman-OH)

PORTUGAL

6025 0320 RP; EE mostly mx (222 7/4 Scott-OK)(Hayes-BC)(Cunningham-CA)(Audette-MA)(Hrivnak-IL)
 11935 0500 RP; EE nx "Review of the Week" (333 7/9 Zink-CA)(Pettit-IA)

ROMANIA

5990 0215 RB; EE yl with Youth Club (333 7/20 Audette-MA)
 9570 0130 RB; EE nx (433 7/15 McKinney-PA)(Berkholtz-MN)(Yajko-PA)
 9690 2010 RB; EE yl w/ DX prgm tips on antennas (333 7/20 Mellinger-NJ)(Byron-NY)(Audette-MA)
 11840 0200 RB; EE tx about art ID mx (333 7/21 Audette-MA)
 11940 2010 RB; EE "Youth Club" interviews w/ visiting children (444 7/23 Audette-MA)(Stone-ONT)(Binau-MD)(Earhart-PA)
 17710 0400 RB; EE DX prgm DX-Tips address (434 7/11 Smith-FL)

SPAIN

9360 0401 SFR; SS ID nx mx pop mx (434 7/21 Smith-FL)
 9520 0815 SFR; SS lite opera mx cmt by yl (454 8/6 Munster-GA)
 9630 *0530 SFR; EE sked prgm details nx (433 7/4 Scott-OK)(Byron-NY)(Smith-CA)(Hodson-MN)(Munster-GA)
 11880 0005 SFR; EE "Grass Roots" ID (444 7/28 Semesky-IN)(Witte-CA)(Thompson-CA)(Searles-IA)(Schroeder-WI)(Oakley-CA)(Miller-CA)(Hesch-NY)(Duran-NJ) t15

SWEDEN

11705 0230 RS; EE ID and nx (7/18 Searles-IA)(Zimmer-MO)(Berkholtz-MN)
 15240 0202 RS; Swedish IS ID tx (111 8/6 Grenier-CA)(444 Berkholtz-MN)
 15275 0232 RS; EE "Mailbag" prgm (444 7/23 Pimblett-ALB)(Alexander-PA)(Earhart-PA)(Kannry-NY)(Munster-GA)
 12290 2300 RS; EE tx about efforts to help prostitutes (555 6/26 Piszczek-NY)(Hrivnak-IL)(Sanderson-AZ)(Earhart-PA)(Binau-MD)(Wilkinson-MAN)(Pimblett-ALB)(Pettit-IA)(Yajko-PA)(Smith-FL)(Berkholtz-MN)
 15325 0130 RS; SS prgm to Latin America (333 7/18 Zilmer-WI)
 15390 0450 RS; Swedish lite mx relay of home service (444 7/23 Pimblett-ALB)
 21555 1315 RS; Swedish home service prgm in USB (433 7/29 Zilmer-WI)(232 Smith-CA)
 21615 *1400 RS; EE s-on ID nx (333 7/27 Semesky-IN)(Audette-MA)
 21700 1317 RS; Swedish om/yl tx (242 7/6 Scott-OK)

Not enough room to start Switzerland on this page. I might have to ax some loggings.

SWITZERLAND

6135 *0145 SRI; EE ID nx cmtly on Indian government (333 7/27 Audette-MA)
 9725 0246 SRI; GG nx tx about bombing in Spain (333 7/30 Berkholtz-MN)(Gaede-CA)
 (Smith-CA)(Hrivnak-IL)
 11715 0150 SRI; EE DX prgm tx about ANARC convention (545 7/15 Curtis-TN)(Pettit-IA)
 (Berkholtz-MN)(Lucas-CA)(Pettit-IA)(Smith-CA)
 15125 1815 SRI; EE IS ID freq's nx (322 7/28 Zilmer-WI)(Smith-FL)(Audette-MA)
 (Earhart-PA)
 15130 0143 SRI; EE IS y1 w/ annocmts (32; 7/18 Shaffer-IN) USB sorry. ed
 15305 0440 SRI; EE "Dateline" rpt on a visit to Austria (434 7/10 Curtis-TN)
 (Earhart-PA)(222 Grenier-CA)(Sanderson-AZ)(McCurdy-AZ)(Berkholtz-MN)
 (Smith-FL)(Hodson-MN)
 17730 2255 SRI; PP IS ID TC prgm of Latin mx (444 8/4 Donly-SC)
 17830 1830 SRI; EE rpt on ANARC (333 7/14 Shaffer-IN)(Earhart-PA)(Audette-MA)
 21570 1335 SRI; EE tx about ANARC (444 7/14 Earhart-PA)(Stone-ONT)(252 Thompson-
 CA)(Hodson-MN)(Blaise-LA)(Scott-OK)(Fraser-MA)(Holmes-CO)(Duran-NJ) t 12
 21585 *1530 SRI; EE ID freq's nx (433 7/22 Audette-MA)

UNION OF SOVIET SOCIALISTIC REPUBLICSRADIO DUSHANBE

17740a 1625 RR; IS ID heard beneath Belgium (211 7/11 Pettit-IA)

RADIO KIEV

9800 *0030 EE; review of news of past week (442 7/24 Clark-KS)(444 Audette-MA)
 11735 0030 EE; mx (333 7/30 Rudolph-AL)(433 Zilmer-WI)(Piszczek-NY)
 11830 2003 EE; nx cmtly DX prgm at 2015 (333 7/25 Pimblett-ALB)(444 Cunningham-CA)
 (Audette-MA)
 11920 0315 EE; amateur radio prgm ID poor modulation (353 7/19 Hensley-TX)(Audette-
 MA)
 15525 0030 EE; y1 w/ nx Kiev wx ID "Ukrainian Panorama" (444 7/20 Audette-MA)(554
 Thompson-CA)(Rudolph-AL)(Berkholtz-MN)(McKinney-PA)(Searles-IA)
 (Connell-CA)
 17870 0300 EE; nx of Ukraine "Mailbag" (433 7/15 Dieckmann-MO)

RADIO MOSCOW

7230 1040 RR;EZ listng mx IS QRM ARC interference (323 7/16 Oakley-CA)
 9490 2132 EE; "Moscow Mailbag" (353 7/20 Earhart-PA)
 9600 0137 EE; "Moscow Mailbag" tx on antenna designs (Berkholtz-MN)
 9710 1450 EE; classical mx (444 7/27 Grenier-CA)
 9750 1405 EE; nx (444 7/23 Grenier-CA)
 11605 1910 EE; interviews SSB (444 7/15 Witte-CA) This might be a feeder. ed
 11630 2200 EE; nx "Moscow Mailbag" (333 7/31 Zilmer-WI)
 11720 0123 EE; via Lvov prgm about oil shortage (433 7/9 Holmes-CO)(Hensley-TX)
 11750 0400 SS; ID nx nx (323 7/8 Smith-FL)
 11790 1430 EE; nx sx prgm (544 7/17 Searles-IA)
 11840 1550 EE; mx at your request mx from Germany (444 7/26 Stone-ONT) This is via
 Havana. Sorry. ed
 11900 1450 EE; via Dushanbe folk mx ID TC nx (544 7/14 Thompson-CA)
 11990 1125 RR; mx IS nx (332 7/27 Earhart-PA)
 12020t 0537 ??; piano mx-classical mx (454 7/21 Earhart-PA)
 12030 0250 EE; via Simferopol disco mx nx (444 7/14 Stone-ONT)(Curtis-TN)
 12050 0245 EE; via Khabarovsk mx from Moscow (333 7/23 Rudolph-AL)
 12060 0455 EE; via Voronej mx ID heavy het (532 7/9 Holmes-CO)
 15135 2201 EE; wld nx cmtly (252 7/23 Wealey-CA) via Vinnitsa. ed
 15185 1526 ??; via Zhigulevsk om tx IS (322 7/23 Holmes-CO)
 15200 1521 ??; via Kalatch-on-Don under co-channel VOI IS ID 1530 (522 7/14 Holmes-
 CO)
 15278 2300 EE; nx cmtly "Soviet Way of Life" (454 7/18 Fraser-MA)
 15360 0504 EE; via Moscow cmtly about NATO spending too much money on the military
 (333 8/2 Smith-CA)
 15375 0510 RR; om/y1 w/ mx (433 8/2 Smith-CA)(Hodson-MN)
 15400 2130 EE; ID nx mx ID (343 7/30 Smith-FL)
 15405 0455 EE; cmtly? usual man/woman team VOA splatter (212 7/27 Blaise-LA)(Smith-
 FL)
 15425 0533 RM;via Petro-Kam y1/om "Mailbag" questions about National Parks (333 8/2
 Smith-CA)
 15465 2051 RM; FF nx (333 7/28 Berkholtz-MN)
 15480 0500* RM; EE IS s-off (333 7/27 Blaise-LA)
 15490 2130 RM; EE ID nx mx ID's (343 6/30 Smith-FL)
 15500 0132 RM; via Armavir SS tx about Nicaragua IS (444 7/10 Mitchell-NH)
 15525 1945 RM; EE American and other rock and disco mx (333 7/22 Duran-NJ)(Earhart-
 PA)(Coleman-MA)(Blaise-LA)

UNION OF SOVIET SOCIALISTIC REPUBLICS (cont)

15550 0318 SS; via Armavir mx (333 7/2 Berkholtz-MN)
 17700 2200 EE; nx correspondent reports from Cairo, London etc (444 6/17 Marshall-CA)(Zilmer-WI)(Berkholtz-MN)
 17775 0728 EE; nx prgm contest "Why do you listen to Radio Moscow" (232 7/29 Blaize-LA)(333 Zink-CA)
 17785 2234 RM; via Ivano-Frankovsk nx cnty (555 7/2 Boehm-TX)(Holmes-CA)
 17830 1200 EE; wld srce nx cnty mx (333 7/28 Zilmer-WI)
 17845 1145 EE; tx about vacations (333 7/31 Earhart-PA)
 17890 0751 ??; Slavic sound ID (333 7/29 Blaize-LA)
 21490 0659 EE; RMWS tx ID (222 7/29 Blaize-LA)
 21600 0506 EE; nx only readable at times (142 7/9 Holmes-CO)

RADIO STATION PEACE AND PROGRESS

12070 0145 SS; bo for Central and South America (544 7/12 Stone-ONT)
 15135 0130 FF; mx (42; 8/1 Pettit-IA)(Stone-ONT)
 15480 0110 PP; om w/ tx about Argentina, Israel, America Latino nx (Munster-GA)
 15490 0128 PP; mx (333 7/20 Berkholtz-MN)
 17700 1643 EE; tx about US troops in Africa (454 7/15 Korneke-VA)

RADIO RODINA

15455 2045 RR; classical mx ID (444 7/14 Stone-ONT)(Berkholtz-MN)

RADIO VILNIUS

11735 2209 EE; nx cnty on Vienna tx's (444 7/4 Smith-FL)
 15405 2300 EE; ID freq's nx cnty on medical research (222 7/4 Hodson-MN)
 15455 2000 RR; ID IS children singing (454 7/6 Munster-GA) This is Rodina, sorry.
 15525 *2300 EE; ID freq's nx mx (444 7/17 Augette-MA)(Hodson-MN)(Zilmer-WI)(Berkholtz-MN)(Smith-FL)
 17870 2325 EE; ID freq's into RR (433 7/17 Searles-IA)(Witte-CA)(Owsley-CA)(Connell-CA)(Audette-MA)(Howard-CA)

UNITED KINGDOM

7185 0416 BBC; EE nx about Britian (444 7/24 Pimblett-ALB)
 7325 0008 BBC; EE wld nx "News about Britain" (433 7/25 Pimblett-ALB)
 9410 0245 BBC; EE documentary prgm on UN hunger prgm (353 8/1 Smith-CA)(Smith-FL)
 9700 1300 BBC; EE wld nx sked (433 8/5 Kemp-Blair-CA)
 9915 0335 BBC; EE cnty on price control board (333 7/16 Berkholtz-MN)(Blaize-LA)
 11750 0320 BBC; EE "The World Today" s-off 0330 (333 7/11 Gaede-CA)
 12095 0447 BBC; EE mx tx about Vietnam (322 7/23 Zink-CA)(Hrivnak-IL)
 15070 0807 BBC; EE nx about Portugal's shake-up (334 7/29 Blaize-LA)(Zavatsky-CT)(Berkholtz-MN)(Schroeder-WI)
 15235 0450 BBC; AA mx "Big Ben" at 0500 nx (433 7/8 Holmes-CO)
 15380 0442 BBC; RR IS ID nx (444 7/10 Curtis-IN)
 15420 2145 BBC; EE ID om/tx on small cans (534 7/5 Schroeder-WI)
 17695 1659 BBC; EE IS ID TC nx (222 6/30 Hodson-MN)
 17790 0732 BBC; EE classical guitar mx (444 7/29 Blaize-LA)
 21550 1635 BBC; EE wld nx tx about Nicaragua (555 7/22 Korneke-VA)
 21710 1306 BBC; EE nx about Theran (444 8/1 Blaize-LA)(Berkholtz-MN)(Byron-NY)
 25650 1135 BBC; EE radio play (453 7/22 Fraser-MA)(Korneke-VA)

VATICAN CITY

6015 *0100 VR; EE "Faith and Film" prgm (444 7/24 Augette-MA)(Duran-NJ)
 9605 0100 VR; EE Catholic nx (444 7/15 McKinney-PA)(Smith-FL)
 9645 *2030 VR; EE ID sked rpt on the Pope (333 7/22 Augette-MA)(Mellinger-NJ)
 11845 0100 VR; EE tx about South Africa (544 8/8 Miller-CA)(Duran-NJ)(Holmes-CO)(Pettit-IA)
 15120 2300 VR; PP IS anncr mx (423 8/3 Pettit-IA)
 17900 1630 VR; Amharic/Tigre tx by yl/om (333 7/29 Miller-CA)(Lucas-CA)

YUGOSLAVIA

9620 2202 RB; EE nx (443 7/19 Earhart-PA)
 15240 1530 RB; EE yl w/ ID TC nx (322 7/20 Cucura-PA)

And now from Stephen Proom of Great Britain here is some pirate loggings. Thanks.

SWEDEN

6260 0800 R. Viking; EE pop mx DX-prgm (354 6/17 Proom-GB)

UNITED KINGDOM

6235 *3800 EMR; EE/Swedish/FF/GG; mx tx (243 7/15 Proom-GB)
 6259 0800 R. Jacky; EE first SW bo. Been on MW for 10 years (343 6/10 Proom-GB)
 6275 0800 R. Blackfox; EE pop mx and information on other pirates (233 7/15 Proom)
 That's it for this month. Thank's to every one who reported. Good DX 73's

SWBC DX

AFRICA



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FEBA
 Seychelles

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

Radio Television Kaduna

Not too many reporters this month, but quite a few reports!!! Hope everyone is enjoying a fine Summer...It seems Fall is arriving a little early here in New England, some very cool nights this last week... Some good catches this month include Algeria in some language other than Arabic, a few Angolan's and the Nigerian regionals are showing up with more regularity....and Don't forget to vote in this month's BOD elections... 53 reporters 11 first timer's....Times are GMT...Frequencies in kilohertz.....

ALGERIA

- 9610 *2000 RTVA: English ID, freqs, Nx, mx, cmnty until 2030* //1740 was announced (333 8/5 Audette-MA) also heard by (333 7/28 2010 EE Cucura-PA) fine catch OM's !!!
- 11633 2235 RTVA: FF tlks, EE pop mx, time pips, ID at 2300 (443 7/27 Donly-SC)(Tnx to tip from Magne, RTA heard on this new freq 7/21 at 2105 in AA and 7/22 at 0005 opening SS pgm 'Voz de la Resistencia' clandestine for Chile, closed at 0033 claiming pgm began at 0100 and giving other freqs of 9660,9515 off by 0035. At 0500 check, on again, with 3 pip time signal // 11810 and 7195, RTA AA freqs. At 2000 EE pgm as sked from Algiers but not on this freq, 2031 International service in SS, at 0003 a // of 7246 was found...Checked most days thru 7/29 and still going on 11633. Could be an accidental freq, that Algiers is well known for (Hauser-TN)(322 7/31 0005 SS Zilmer-WI)

ANGOLA

- 3345 0435 ER du Huambo: OM w/PP tlks, ID at 0447, lite mx (253 7/22 Moore-PA)
- 3375 0405 Radio Nacional: PP OM/YL tlks, mx (222 7/7 Getzel-NY)(232 7/15 0410 PP Cucura-PA)(222 7/13 0440 PP Alexander-PA)
- 7215 0700 RN: FF ID, OM tlks high noise level (443 7/28 Witte-CA)

ASCENSION ISLAND

- 7105 0600 BBC-Atlantic Relay: EE World nx, rpt from Tanzania (433 7/13 Lattemann-WA)
- 9580 0417 BBC: EE w/ 'British Press Review' (353 8/1 T. Smith-CA) (555 7/25 0230 EE Curtis-TN)
- 11860 0410 BBC: World Service Nx (322 6/17 T. Smith-CA)
- 15260 0215 BBC: EE Interview w/ Union leaders (??? 7/15 Curtis-TN)
- 15400 0805 BBC: EE rpt on Queen's visit to Zambia (444 7/29 Blaize-LA)
- 21660 1420 BBC: EE "Letterbox" pgm (343 7/13 Scott-CK)

BENIN

- 4870 0546 ORTB: afro mx, heavy QRN, FF tlks, f/out at 0600 (342 8/7 Thompson-CA)

CAMEROON

- 4750 0450 Radio Bertoua: Native mx, FF pgms (332 7/28 EARHART-PA)
- 4850 1945 Radio Yaounde: FF pgms (7/16 Takigu-JAPAN)(442 7/8 0502 EE Holmes-CO)(343 8/4 2230 FF Audette-MA)
- 9745 2145 Radio Yaounde: EE/FF ID's, 2205 EE nx (333 7/21 Maise-LA) (333 ??? 0716 FF tlks, suddenly KO'd before ID, so tent Thompson-CA)(444 7/25 2200 EE/FF Pavelka-NY)
- 17750 *0450 Radio Yaounde: BalaFon IS, YL FF tlks, EE ID (333 7/12 Witte-CA) also on 15215,9745 and 7290.....

EGYPT

9450 0412 Radio Cairo: AA chants, tlks (333 7/21 Smith-FL)
 9475 0200 Radio Cairo; English ID, "Mailcall" (444 7/16 Hesch-NY)(333
 8/1 0315 EE Zink-CA)(343 7/26 0329* Munster-GA)(555 7/26 0225
 EE Curtis-TN)(544 7/31 0210 EE Coleman-MA)(433 7/10 0325 EE
 Hrivnak-IL)(544 7/25 0200 EE Schroeder-WI)
 9805 2110 Radio Cairo: Arabic chants, FF tlks, ID (444 8/5 Audette-MA)
 11665 2235 Radio Cairo: Arabic Service, tlks, some American pop mx (454
 8/5 Donly-SC)
 12050 0200 Radio Cairo: EE tlks, pgm "Welcome to Cairo" (444 7/16 Stone-
 ONTARIO)(242 8/4 0320 EE Audette-MA //9475)(433 7/10 0200
 EE Holmes-CO)
 15375 2030 Radio Cairo: "Voice of Africa" pgm, world nx (332 8/7 Donly-SC)

GABON

4777 2328 LVR: FF ID's, tlks, local mx (343 ??? Cucura-PA)(444 7/19 2340
 FF ID as RadioTelevision du Gabon Durnavich-IL)(434 7/13
 2333 FF Yajko-PA)(344 8/4 2250 FF Audette-MA)(333 7/20 2320
 FF Fisher-MA)

GHANA

4915 0613 GBC-1 Accra: EE nx by OM, ID (343 8/6 Audette-MA)(443 8/7 0604
 EE/vern Thompson-CA)(433 7/10 0600 EE Cucura-PA)(443 7/8 0550
 EE/vern Holmes-CO)

GUINEA

15310 1830 Radio Nationale: EE ID, cmnty by YL/OM (433 7/16 Cucura-PA)
 (444 8/6 1827 EE into FF at 1857 Pavelka-NY)(322 7/27 1945
 EE/FF Zavatsky-CT)(423 7/25 1800 FF Schroeder-WI) EE is sked
 for Monday/Friday only...wlo

IVORY COAST

4940 0617 RTVI: FF OM tlks, afro mx (332 8/7 Thompson-CA)
 7215 0610 RTVI: FF ID's, tlks //'s of 4940/11920 also heard (444 8/6
 Audette-MA)(433 8/7 0701 FF Thompson-CA)(333 7/30 0645 FF
 Alexander-PA)
 11920 2115 RTVI: FF YL/OM tlks, ID (333 7/18 Witte-CA) Marjorie, I believe
 your 7215 logging of Angola may be Ivory Coast...wlo???????????

KENYA

4915 0323 Voice of Kenya: Swahili tlks about Nigeria/Ghana //4934 ID
 at 0331 w/ mention of Nairobi (444 7/7 Getzel-NY)

LIBERIA

4770 0620 ELWA: EE pgm on plant cultivation (343 8/6 Audette-MA)(443
 8/7 0650 EE Thompson-CA)
 6035 0432 VOA: EE tlks on American Indian names (444 6/25 Smith-CA)
 (433 8/4 0420 EE Audette-MA)(444 7/13 0510 EE Scott-OK)
 (333 8/1 0530 EE Gaede-CA)
 7280 0345 VOA: EE tlks on Farm feeding (422 7/31 Blaize-LA)(433 7/24
 0428 EE Pimblett-ALBERTA)
 9670 0500 VOA: EE nx to Africa (444 8/1 T. Smith-CA)
 11830 0840 ELWA: EE rlg pgm, QRM de Moscow (323 7/22 Witte-CA)(322 7/15
 0700 EE Zink-CA)(354 8/5 0628 vern Hayes-BC)
 11860 *2015 ELWA: EE ID "This is Radio station ELWA, broadcasting from
 Monrovia, Liberia" into rlg pgm (343 8/7 Pavelka-NY)(333
 7/23 1945 vern/EE Cucura-PA)
 15445 2025 VOA: EE "Jazz Hour" (242 7/1 Scott-Oklahoma)
 17860 0325 VOA: EE tlks on "Library of the Air" etc (445 7/23 Korneke-VA)

LIBYA

----- 2105 SPLAJBC noted with mx at 2105 7/29 on 15100/15105, running two
 equally powerful transmitters on adjacent freqs, just 5 kHz
 apart in //. Makes it seem like a very wide channel, but the
 FRG-7 could hear the 5 kHz het between them! (Hauser-TN)

MADAGASCAR

11740 1930 Radio Nederland: FF OM reading nx, *1927 (444 8/2 Zavatsky-CT)
 (242 7/7 2030 EE Bratlie-MN)(443 7/3 2030 EE Diekmann-MO)
 15220 1800 RN: Dutch pgm, nx about Mexico/Nicaragua (343 7/7 Munster-GA)
 21480 1438 RN: EE nx/cmnty (433 8/2 Zavatsky-CT)(132 7/13 1445 EE
 Scott-OK)(242 7/31 1331 Dutch Blaize-LA)(444 7/14 1405 Dutch
 Coleman-MA)

MALI
5995 2308 RNM: FF tlks, afro mx (333 7/14 Donahue-CT)(232 7/18 0000*
FF Mellinger-NJ)
11960 0810 RNM: drum mx, OM in FF w/mentions of Bamako (323 7/22 Witte-CA)

MAURITANIA
4845 0650 Radio Nationale: FF tlks by OM, YL w/afro chants (444 8/6
Audette-MA)

MOROCCO
7220 0440 VOA: Romanian pgm, EE ID, into Serbo/Croatian (333 7/24 Pimblett)
11760 1955 VOA: EE w/'VOA MAGAZINE", nx and mx (332 7/13 Scott-OK)
15155 2320 RTVM: AA mx, OM anmr (433 7/22 Pimblett-ALBERTA)
15245 0430 VOA: EE nx bulletin, 'Breakfast Show' (8/4 Audette-MA)
21735 0058 RTVM: AA chants, tlks, 0100 * (Zavatsky-CT 433 8/1)

NIGERIA
4932 0523 FRC-Benin City: EE tlks, heavy QRN, f/out by 0530 (342 7/8
Holmes-CO)(353 7/21 2355 EE/vern Moore-PA)
4990 0500 FRC-Lagos: EE nx by YL, TC, ID (333 7/13 Alexander-PA)
5965 2240 FRC-Jos: Vern/EE tlks, EE ID at 2300, stayed on past usual
2305* because of elections (252 7/21 Moore-PA)
6025 2320 FRC-Enugu: mix of rock/disco/folk mx, EE s/off anns at 2342
(322 7/24 Lobdell-MA) Chris, will be down at the Cape 9/23!!!
(232 7/21 2205 Vern/EE Moore-PA)
6195 0512 FRC-Sokoto: EE/vern tlks, Disco mx, 0538 EE ID (222 7/28
Vranes-PA) QRM de BBC (311 7/14 2243 tent. w/folk mx under
BBC, clobbered at 2300 by RCI (Lobdell-MA)
7255 0610 Voice of Nigeria: EE/vern pgms, heavy QRN (322 7/14 Witte-CA)
(322 8/4 0550 EE Zink-CA)(333 8/7 0538 EE Smith-CA)(333 7/9
0501 EE Pavelka-NY)(333 7/22 0530 EE Curtis-TN)
15120v 0640 VON: FF ID, modern mx (333 8/6 0640 FF Audette-MA)(VON per
pgm guide has some really interesting pgms such as "Africa
this Week", Sats at 2100, managed to hear this 7/21, but w/
great difficulty w/het and Vatican on 15120. Can hardly wait
until they get the NAM service going, promised for late this
year or early next (Hauser-TN)

RWANDA
11965 0350 DW: OM in SS, caught just a few words in SS, then GG ID and
s/off (252 6/25 Smith-CA)
21600 *1750 DW: IS, EE s/on, world nx (333 7/7 Bratlie-MN)

SAO TOME e PRINCIPE
4807.5m 2215 Radio Nacional: PP tlks, YL ID w/skcd (444 7/28 Cucura-PA)

SEYCHELLES
11710 0230 FEBA: IS, ID, into Urdu pgm (322 8/4 Zilmer-WI)
11805 0310 FEBA: IS, w/Swahili ID at s/on at 0315 (333 8/5 Donly-SC)
11860 1712 FEBA: AA mx, OM tlks, 1800* w/multi-lang ID (433 7/24 Pimblett)
15360t 0452 FEBA: "Radio Today" mention of FEBA then Russian test tones
and 'crud' (212 7/27 Blaize-LA)
15405 0345 FEBA: Farsi ID, mx (332 7/8 Smith-FL)(322 7/23 0430 Farsi
Pimblett-Alberta)(333 7/19 0305 Farsi Cucura-PA)

SOUTH AFRICA
3980 0425 Radio 5: EE ID, ads, musical ID (333 7/13 Alexander-PA)
3995t 0250 Radio RSA: IS, ARO QRM (322 8/3 Witte-CA)
4835 0516 SABC: EE tlks on Commonwealth tlks at Lusaka (333 8/7 Smith-
CA)(433 7/21 0437 EE Lattemann-WA)
4880 0519 SABC: Afrikaans Service, C&W mx (333 7/21 Lattemann-WA)
5980 0235 Radio RSA: EE tlks on auto industry (533 7/23 Stone- ONTARIO)
Witte-CA)(Miller-CA)(Mitchell-NH)(Earhart-PA)(Berkholtz-MN)
(Wilkinson-MANITOBA)(Oliver-MA)
7270 0510 Radio RSA: Lozi to Zambia (333 8/2 Zink-CA)(Witte-CA)(Pimblett
ALBERTA)(Mellinger-NJ)
9585 *1500 Radio RSA: EE ID into Lozi (534 7/31 Thompson-CA)(333 8/6
0210 EE Gaede-CA)(Earhart-PA)(Schroeder-WI)
9610 0200 Radio RSA: EE, "South African Panorama" (444 7/6 Scott-OK)
(Gaede-CA)(Miller-CA)(Earhart-PA)(Curtis-TN)
15220 1350 R.RSA: EE "Africa Today" (433 8/3 Thompson)(Gaede-CA)(Miller)
17780 1435 R.RSA: EE/Afrikaans ID's, address (333 8/5 Audette-MA)
25790 1502 R.RSA: EE FL, nx (434 8/2 Zavatsky-CT)(Blaize-LA)(Coleman-MA)

SWAZILAND

3265 0326 Trans World Radio: Vern rlg pgms, clear ID at 0331 (333 7/13 Lobdell-MA)
 3300 0405 TWR: EE sermon (good 8/5 Munster-GA) nf, not in Wrtvh...wlo

TANZANIA

4785 *0257 Radio Tanzania: Celeste IS, YL Swahili anns, ID and s/on (333 7/18 Vranes-FA)(242 8/7 0630 tent Swahili Thompson-CA)
 5050 0345 Radio Tanzania: EE w/old British pops, TP's 0400, EE rx, complete f/out by 0405 (322 QRM de R. Loreto/Peru 7/15 Lobdell-MA)(322 7/16 2000 Swahili Takigu-JAPAN)
 15435 0424 Radio Tanzania: EE speech by Rhodesian leader about lack of rights (333 7/7 Getzel-NY)

TOGO

5047 0600 RTVT: African chants, FF OM anns, very long ID as "Radio-diffusion Television Togolaise, la voix de la Nouvelle Marche" (322 7/10 Connell-CA)(443 7/8 0536 FF Holmes-CO)(333 7/12 0535 FF Witte-CA)(433 8/7 0533 FF Thompson-CA)

UGANDA

15250 1805 Radio Uganda: OM w/EE nx, ID as "This news is coming to you from the West African Service of Radio Uganda" (333 8/5 Audette-MA)
 15325 0350 Radio Uganda: EE w/music pgm/quizz (544 7/15 Stone-ONTARIO) (433 7/28 0330 EE Maise-LA)(444 8/4 0405 EE Audette-MA) (534 7/13 0350 EE Witte-CA)(322 8/3 0348EE Zink-CA)(434 7/8 1350 EE Oakley-CA)

ZAMBIA

9580 0515 ZBS: Vern tlks, afro pop mx, OM gave address as P.O. Box 50 Lusaka (433 7/13 Witte-CA)

ZIMBABWE/RHODESIA

3396 0405 ZRBC: Pop mx, anns into "Monday Morning Exercise" (332 8/6 Pavelka-NY)(222 7/9 0418 EE Cucura-FA)(232 7/18 0404 Mellinger)
 7285 0510 ZRBC: EE/vern tlks, fast drums, ID, mention R.B.C., EE nx (433 8/2 Witte-CA)

AFRICAN DRUMBEATDON'T FORGET TO VOTE!!!!

73's Wayne

The following are BBCMS items and are as such, copyrighted by them and cannot be reproduced without their permission: CAMEROON: Radio Garoua has recently been observed broadcasting on 5000 kHz instead of 5010 kHz. The station signs on at 0430 and relays news bulletins in French and English at 0500/0510 respectively from Yaounde.....The 5000 kHz channel is in use prior to 1800 and transmits a newscast in French at 1800 followed by relays of bulletins from Yaounde in English at 1830 and in French at 1900.....
LIBYA: The domestic service in Arabic and the Voice of the Arab Homeland external service of the SPLAJBC are now relayed from 0800-1700 and 1700-2200 respectively on 15100/15105/11700 and 9500 kHz.....ZAMBIA: ZBS reported on 7/10 that one of its transmitters at Short Horn was still not working because spare parts from China had arrived in the country damaged and could not be used. This was revealed during a tour of the transmitter site by the Minister of State for Information and Broadcasting services to assess how the transmitters were operating following the arrival of spare parts. The minister expressed her concern since the damaged equipment would take a long time to replace and cost a lot of money.....
MAURITANIA: The National Radio announced that from 6th July it would resume normal programs....Now that the 40 day period of mourning for the late Prime Minister had come to an end broadcasts could be heard from 0600-0900, 1200-1600 and 1800-2400.....TANZANIA: Observations of the Revolutionary Voice of Zimbabwe program carried over Radio Tanzania daily from 1915-1945 show that although announcements give a frequency of 15435 kHz the program has been heard so far on 9685 kHz only.....EGYPT: Radio Cairo's General Service in Arabic now uses 11665 instead of 11630 kHz from 0400-1800 ZAMBIA: Recent observations show that ZBS's 6165 kHz channel has rejoined the General Service network. Until recently it had transmitted the ZBS domestic service. The transmitter on 3346 kHz is also back on the air with the General Service in the early morning and the evening. The Zimbabwe People's Revolutionary Voice" program is no longer carried on 7250. This channel is now used from 0630 for ZBS General Service programs in Bemba.....That's all folks...Gud DX....BCNU in 30

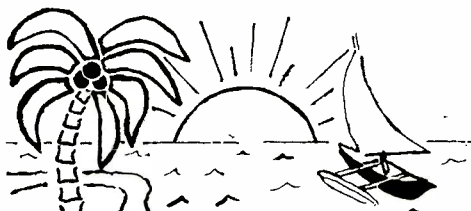
ASIA-OCEANIA

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

0000=sign on 0000=sign off



ASIA

AFGHANISTAN

15075 *1858 Radio Afghanistan: EE "This is Radio Afghanistan Calling Europe"
w/ IS, long newscast, ID (444 7/14 Pavelka-NY)(Hauser-TN)++++

BANGLADESH

11765 1815 Radio Bangladesh: EE nx, sports, mixed mx, //15285 (322 7/13
Norcross-KOREA)
21670 *1230 RB: EE w/ YL ID, OM nx, local mx, press review (332 Norcross)

BURMA

5985 1445 BBS: EE nx, ID's, ORM (332 7/12 Norcross-KOREA)

CAMBODIA

9694 1205 Voice of Kampuchean People: EE Following tip on R. Australia...
checked 7/29 and did hear EE nx @ 1205 tune-in, bits of mx,
1214 "closing our transmission for today". Very tough copy,
het on side, and no ID hrd, but very likely this (Hauser-TN)

CHINA

2360 1100 CPBS: CC ID, directed to Taiwan (222 6/27 McCurdy-CA)
4380 1133 Fujian Front Station 2: CC w/ oriental mx (333 Thompson-CA)
5265 1158 FFS 1: CC mx, tlk (412 6/11 Blaize-IA)
6005 0903 Lanzhou: CC old 6000 freq., march mx, from IFRB (243 McCurdy)
6560 1402 Radio Peking: CC YI w/ tlk, some mx, local ORM (222 Naylor-CA)
7850 1020 FFS 1: CC YI/OM tlk, mx (353 Scott-OK)(Blaize-IA)
8195 1146 FFS 2: CC YI tlk, CC mx, fluttery (433 Blaize-IA)
8320t 1149 RP: CC "opera" type mx, tlk by YI (212 Blaize-IA)
8425 1342 RP: CC YI w/ tlk, brief mx, weak (222 6/22 Naylor-CA)
9064t 1154 RP: CC tlk by OM (212 Blaize-IA)
9440 1200 RP: CC IS, ID, nx (322 7/28 Smith-FL)
11515 1135 RP: RR? tlk w/ CC mx (344 8/1 Yajko-PA)
11575 2218 RP: CC w/ mx format (243 Scott-OK)
11600 1010 RP: EE ID, pgm on a trip through China (333 Audette-WA)(Smith)
11695 1212 RP: CC tlk abt. Vietnam/Kampuchea (444 7/30 Yajko-PA)
12200 1250 Beijing 2: CC mx w/ OM (222 7/3 Scott-OK)
12450 1335 RP: EE w/ tlk, 1338 ID, CC mx, tlk (333 Naylor-CA)
15520 1200 RP: EE nx, rpt. on a Music University, fluttery (353 Fraser)++
15600 0225 RP: EE ID, tlk on aggression, "China in Perspective" (Hodsdon)
17745 0130 RP: CC style mx, tlk on agriculture, // 's not heard (McCurdy)+
17855 0100 RP: EE w/ nx, cmtry, ID // 17680 (555 Zavatsky-CT)(Smith-CA)++

CYPRUS

21660 1530 BBC: EE mx by London Symphony (333 Stone-ONT)(Scott-OK)(Smith)

INDIA

11620 2130 AIR: EE ID, native mx, YL nx (322 Smith-FL)(Yajko-PA)(Zavatsky)
15190 1930 AIR: EE // 11620, 9715, 15165 not hrd, nx @ 2000 (333 Norcross)
15205 1055 AIR: EE nx, YL w/ freqs., times, 1100* (444 Zavatsky-CT)+
15335 1420 AIR: EE ID, OM tlk on Pakistan, India, nx (322 Hodsdon-MN)

INDONESIA

3215 1219 RRI Manado: Indo w/ OM tlk, nx, anthem @ 1225 // pgm on 3225
and 3265 (433 Iattemann-WA)
3225 1215 RRI Tanjung Pinang: Iang. w/ YL anncr., pop mx (232 Iattemann)

INDONESIA (continued)

3265 1255 RRI Gorontalo: Indo mx, OM anncr, RTTY QRN (433 Oakley-CA)
 3265 1128 RRI Bengkulu: Lang. slo pop mx, EE lyrics, ID @ 1130 (333 6/10 Lattemann-WA)
 3295 1120 RRI Samarinda: Indo tlk, mx, IS, RTTY QRN (323 6/18 Oakley)
 3330 1225 RKDT2 Sukabumi: Indo pop mx, YL singing, OM anncr (433 Oakley)
 3345 1107 RRI Pontianak: Indo w/ YL nx (333 7/10 Thompson-CA)
 3345 0950 RRI Ternate: Indo w/ OM tlk, nice mx (333 Howell-CA)
 3365 0959 RRI Sorong: Indo tlk, nx? (242 7/14 Howell-CA)
 3550 0916 RRI Kupang: Indo nx by OM (242 Howell-CA)
 4719 1200 RRI Ujung Pandang: Indo nx after ID and "Love Ambon" (222 Blaize)
 4753 1335 RRI Ujung Pandang: Lang. w/ pop mx, OM tlk (232 7/10 Lattemann) (Connell-CA)
 4875 1330 RRI Sorong: Indo YL singing, OM tlk, heavy ARO QRM (323 Oakley) (Thompson-CA)(Lattemann-WA)
 9690 0745 VOI: EE w/ variety mx pgm, ID, YL says this freq. puzzles me, AA pgm followed (444 7/19 Witte-CA)
 11788v*1400 VOI: EE freqs. and nx headlines, bad het, varied to 11791 kHz (322 7/29 McCurdy-CA)(Scott-OK)(Witte-CA)(Grenier-CA)(Connell)+
 15200 1457 VOI: EE nx by OM, ID by YL (333 Wilkinson-MAN)(Holmes-CO)++++

IRAN

9022 2334 VOIIR: Farsi nx or cmtry by OM, ID @ 2350, religious mx (454 8/3 Donly-SC)(Earhart-PA)
 15038 1523 VOIIR: Farsi? chanting, Om ancmt @ 1524 (444 Naylor-CA)(Zavatsky) Mark, this is your unidentified...jwm
 15084 1904 VOIIR: Farsi w/ slo tlk by OM, march mx (433 Dilk-NJ)(Witte-CA)

IRAQ

9745 2227 Radio Baghdad: EE YL w/ freqs., ID, QTH given, anthem (444 8/1 Zavatsky-CT)(McLean-NY)(Donahue-CT)(Piszczek-NY)
 11925 0320 RB: EE OM w/ cmtry, ID, AA mx, slight QRM (232 8/1 Audette-MA)

ISRAEL

9009 2005 Israel Broadcasting Authority: EE nx, "C.A.L.", ID's, DX Corner (242 7/29 Audette-MA)
 9815 2243 IBA: EE tlk abt. QSL cards by OM/YL (434 7/1 Blaize-TN) (Yajko-PA)(Zavatsky-CT)(Earhart-PA)
 11620 0425 IBA: HH mx w/ OM anncr (353 7/4 Earhart-PA)(Zilmer-WI)
 11655 2242 IBA: EE tlk on ancient Jerusalem //17645, 21565, 21625, 9815 (444 Zavatsky-CT)(Blaize-TN)(Rudolph-AL)(Scott-OK)(Leeman-RI)+
 15105 0505 IBA: EE wld nx, ID's, wx, "Press Review", 0515* (444 Audette)+
 15485 *0500 IBA: EE YL w/ nx, ID's, "Editorial Opinion" (555 Audette-MA) (Witte-CA)(Sanderson-AZ)
 17585 2145 IBA: HH Home Service, interview in EE (342 8/5 Zilmer-WI)
 17630 *1800 IBA: Ladino s/on, jammed @ 1805 (322 8/5 Dubece-CA)(Zink-CA)
 17645 2246 IBA: EE "Letterbox" show w/ mx, good signal (444 Naylor-CA) (Scott-OK)(Audette-MA)(Smith-FL)(Maise-LA)(Zink-CA)(Grenier-CA)
 17685 1220 IBA: EE OM w/ "This Week", ID, 1230* (232 Audette-MA)(Proom)
 25640 1215 IBA: EE "Israel Mosaic", tlk on Arab boycotts, ID (7/22 Audette)



JAPAN

3910 1122 FEN: EE w/ rock mx, women's lib ancmt, ad (433 Thompson-CA)+
 3925 1150 NSB: JJ rock mx, live concert?, lyrics in JJ (444 Lattemann)
 7140 0855 Radio Japan: KK IS, ID, freqs., nx //9705, 6030 (223 McCurdy)
 9505 1020 RJ: EE "Industrial Topic", ID, QTH (323 NO NAME)(McCurdy-CA) (Yajko-PA)(Smith-FL)(Gaede-CA)(Hensley-TX)(Hodsdon-MN)(Dubece)++
 9595 1035 NSB: JJ nx, cmtry (333 Gaede-CA)(Dubece-CA)(Holmes-CO)(Pimblett)
 11815 0830* RJ: JJ cmtry, end of JJ Gen. Serv. (555 7/30 McCurdy-CA)
 11855 *1800 RJ: GG nx, EE @ 1830 //15420 (444 7/24 Pimblett-ALB)
 11875 0950 RJ: EE OM/YL w/ "Hello Australia" //15235 (333 6/23 Audette-MA)
 15195 *1100 RJ: EE/JJ w/ nx, ID, then JJ nx (232 Audette-MA)
 15235 *0930 RJ: EE ID, freqs., OM w/ nx, cmtry on Tokyo Summit (221 Audette)
 15270 *0500 RJ: EE IS, under Helsinki and others (211 7/2 Blaize-TN)(544 Dieckmann-MO)(Bratlie-MN)(Smith-CA)(Owsley-CA)(Hodsdon-MN)+++
 15310 1510 RJ: EE nx, cmtry abt. energy shortages (343 Yajko-PA)(Audette)+
 17755 *0300 RJ: EE IS, ID's, freqs., nx, current topics (232 Famularo-NJ) (Smith-CA)(Marshall-CA)
 17810 0600 RJ: EE nx, cmtry (252 7/7 Proom-ENG)
 17825 0130 RJ: EE nx, cmtry, "Hello America", answered questions from listeners (544 7/28 Miller-CA)
 21610 *0630 RJ: Swedish nx (343 8/1 Smith-CA) (Japan Broadcasting Corporation)

JORDAN
11920 0450 HKBS: AA pgm of soft AA flute mx, time pips, ID (333 8/6 Donly)

DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA

9977 1100 Radio Pyongyang: EE tlk on unification of Korea, nx, tlk on the Great Leader (323 Zimmer-MI)(Holmes-CO)(Dieckmann-MO)+++
11778 0830 RP: EE cmtry on Kim Sung, reunification of Korea (222 McCurdy)

PEOPLE'S REPUBLIC OF KOREA

7550 *2000 Radio Korea: EE nx (342 7/14 Proom-ENG) Include more details.jwm
9525 1000 RK: EE nx, cmt to SEA (322 Zilmer-WI)(Cucura-PA)
9580 1000 RK: EE ID, freqs., OM w/ nx, editorial (344 7/21 Audette-MA)+
9720 1605 RK: EE nx, editorial, current events (343 Audette-MA)(Dieckmann)(Dilk-NJ)(Thompson-CA)
9870 1400 RK: EE nx, editorial, new 45 min. EE pgm (534 7/11 Thompson-CA)
11665 1400 RK: EE nx, "Korea Marches On" (544 Thompson-CA)
11725 1010 RK: EE YL w/ cmtry, mx pgm, ID's, //9580 (333 Audette-MA)(Smith)
11830 1818 RK: EE mx, letters, s/off in EE @ 1830 (232 6/25 Scott-OK)(333 Audette-MA)(Maise-LA)(Owsley-CA)(Grenier-CA)(Holmes-CO)(Pimblett)
12090 1400 RK: EE ID, YL nx (222 7/15 Hodsdon-MN)
15350 0749 RK: EE YL w/ interview, tlk on development (454 Forrester-OKI)
15570 1245 RK: EE ID, OM w/ nx, mx, tlk, cmtry, into SS @ 1330 (353 7/22 Cucura-PA)(Hodsdon-MN)(Marshall-CA)

KUWAIT

11690 1828 Radio Kuwait: EE ID w/ freqs., YL w/ nx, wx, mx (Audette-MA)
21545 0505 RK: EE mx, ID, pips @ 0530, wld nx, fading (322 Oakley-CA)
21685 1216 RK: AA type mx, tlk btwn. 2 OM's, more mx (332+ Earhart-PA)+

LEBANON

15285 0230 Radio Lebanon: EE w/ nx to 0249, rock-disco mx (533 Dilk-NJ)(Audette-MA)(Scott-OK)(Martin-RI)(Drew-TX)(Zavatsky-GT)(Miller)
21610 1828 RL: EE to Africa, test tone, anthem, s/on by YL, pgm of rock mx, 1900* (444 7/29 Donly-SC)(Constantinides-S.AFRICA)

MALAYSIA (Peninsular)

9515a 1350 R. Malaysia Kuala Lumpur: CC? OM tlk, mx @ 1400, YL tlk (423 7/26 Oakley-CA) Language for this is Bahasa Malaysia Marge, jwm.
15295 0807 Voice of Malaysia: EE YL w/ classical mx, OM ID @ 0830, TC, mixed mx (333 7/29 Cucura-PA)(Moore-PA)

Sarawak

4835 1205 R. Malaysia Sarawak Kuching: lang. instrumental flute pop mx, YL/OM tlk w/ rooster crowing in background (444 Lattemann-WA)
4895 1159 RMS Kuching: Iban? YL ID, freqs., TC, Malay chanting (544 7/10 Thompson-CA)
4950 1207 RMS Kuching: EE w/ OM nx, sports, mx (533 Thompson-CA)
5005 1215 RMS Sibiu: Iban chanting, OM tlk (333 7/10 Thompson-CA)

MALDIVES

7224t 0345 Radio Maldives: Maldivian island mx w/ drums+guitar, possible ID, closing signature 0358, QRM de ARO's (312 Radcliff-IL)

Radio Maldives
MALE, REPUBLIC OF MALDIVES

MONGOLIA

9575 *1220 R. Ulan Bator: EE IS, ID by OM, usual nx //12070 (222 7/12 Norcross-KOREA) Dave says this is poor for his QTH.....jwm

OMAN

9590 0315 BBC Eastern Relay: EE ancmt, Persian pgm following (Cereghin-MD)

PAKISTAN

15470 1700 Radio Pakistan: EE OM nx, cmtry, economic review (333 Fallows)(Donly-SC)(Zavatsky-CT)
17640 1930 RP: FF pop mx w/ some EE records (332 7/28 Zilmer-WI)(Norcross)
17830 0230 RP: EE nx //21590 (322 7/13 Zilmer-WI)
21590 0230 RP: EE w/ slo speed nx (211 Bratlie-MN)(Durnavich-IL)
21655 *1100 RP: EE nx 'til 1115, //17665 (433) (444 7/13 Norcross-KOREA)

PHILIPPINES

7190 1445 VOA: EE "Music USA" w/ feature on Frank Sinatra (222 Grenier-CA)
9590 1335 R. Veritas Asia: Sinhala ID's, rel. mx, QRM (434 Miller-CA)
11765 0845 FEBC: EE nx of tidal wave at Timor (443 Witte-CA)(Connell-CA)+++

PHILIPPINES (continued)

11825 1508 RVA: EE tlk abt. Communisim in the Phil., jammed (544 Thompson)
11955 1300 RVA: EE ID, "Cinema for Asia", nx (544 7/19 Miller-CA)
15425 1322 VOA: EE nx (433 7/3 Scott-OK) More details please.....jwm
17810 0055 FEBC: EE tlk, ID, TC, "Good Morn. from Manila" (322 Miller-CA)

SAUDI ARABIA

11855 2020 BSKSA: EE pgm of lite mx, ID by YL @ 2031, rock mx (242 8/7 Donly-SC)(Yajko-PA)
15060 2255 BSKSA: AA chants, tlk (444 Alexander-PA)(Zavatsky-CT)(Korneke-VA) (Blaize-IA)(Earhart-PA)(Pimblett-ALB)

SINGAPORE

5010 0000 R. Singapore: EE ID, requests (333 7/28 Constantinides-S.AFRICA)
9635 1114 R. Singapore: CC mx, OM tlk, interlude (423 Oakley-CA)
11750 1600 BBC relay: EE IS, ID, wld nx on Somoza (433 Lattemann-WA)(8/1 Gaede-CA)(Scott-OK)(Moore-PA)
11940 1440 R. Singapore: EE EZL mx, ID by YL (333 Maise-IA)(Miller-CA)+++

SRI LANKA

9720 1300 SLBC: EE OM ID, international nx (332 7/13 Norcross-KOREA)
11835 1122 SLBC: EE rel. pgm, YL ID, 1129*, mixed w/ 4VEH (333 Mellinger) (Zavatsky-CT)(Audette-MA)
15120 1120 SLBC: EE mx, ID (434 7/7 Constantinides-S.AFRICA)

SRI LANKA BROADCASTING CORPORATION

TAIWAN

11745 1300 VOFC: CC pgm w/ mentions of Taiwan (333 8/1 Gaede-CA)
11825 2120 VOFC: CC/EE tlk, mx, EE ancmt @ 2140, mx, nx on refugees from SEA (343 6/23 Marshall-CA)

TURKEY

TURKEY
9515 2135 VOT: EE ID, "DX Corner" (323 Leeman-NJ)(Smith-FL)(Cereghin-WD) (Zavatsky-CT)(Dilk-NJ)(Morrison-NC)(Duran-NJ)(Earhart-PA)
11955 2135 VOT: EE nx/cmtry on foreign relations (434 7/1 Yajko-PA)(434 Miller-CA)(Blaize-TN)(Scott-OK)(Pettit-IA)(Earhart-PA)(Holmes)+

UNION OF SOVIET SOCIALIST REPUBLICS

9500 0900 R. Moscow/Magadan: RR? ID, nx, cmtry by OM, mx (332 McCurdy-CA)
9655 1630 Radiostansiya Atlantika: RR IS, ID, OM tlk (444 7/25 Pimblett)
11735 0057 R. Kiev: EE tlk on Olympics, s/off (444 7/26 Zavatsky-CT)
11770 2230 RM/Vinnitsa: EE YL w/ nx, opera mx (433 Zavatsky-CT)
11960 2325 RM/Kenga: EE tlk on church/state relations (423 Rankin-KS) (Holmes-CO)(Boehm-TX)
12030 0500 RM/Petropavlovsk: EE nx on SALT (444 7/6 Rankin-KS)(Zavatsky)
15130 0700 RM/Vladivostok: EE nx to Australia, "Newsreel" (544 Holmes-CO)
15175 1442 RM/Irkutsk: Lang. ID w/ ment of "Moskova", IS 1459 (Rankin-KS)
15245 0100 RM/Nikolaevsk: EE nx, co-channel 2RM (232 7/4 Rankin-KS)
15305 1529 RM/Sverdlovsk: Lang. IS, OM tlk, static crashes (232 Rankin-KS)
15405 0501 RM/Khabarovsk: EE wld nx, musical interlude (544 Rankin-KS)(7/20 Holmes-CO)
15415 0522 RM/Nikolaevsk: RR OM w/ long discussion (433 8/2 Smith-CA)
15425 0640 RM/Petropavlovsk: EE "Round About the Soviet Union" (333 Gaede)
17700 0338 RM/Petropavlovsk: EE YL tlk on space, cosmonauts (353 Smith-CA)
17890 0455 RM/Chita: CC OM reading, jamming (333 Rankin-KS)
21490 0530 RM/Baku: EE mx, YL nx (454 8/1 Smith-CA)

Azerbaijan S. S. R.

11920 2330 RM/Baku: SS cmtry on Nicaragua, OAS, interview (555 Rankin-KS)

Georgian S. S. R.

11805 0200 RM/Tbilisi: SS wld nx by YL, co-channel open carrier (Rankin-KS)

Kazakh S. S. R.

15535 2315 RM/Alma Ata: SS tlk on Brezhnev's visit to Vienna (444 Rankin)

Kirghiz S. S. R.

17825 0440 RM/Frunze: EE "Facts and Fig. About the Soviet Union" (454 Rankin)

Turkmen S. S. R.

15195 0236 RM/Ashkhabad: SS YL cmtry on crime, poems read (Boehm-TX)(Rankin)

Not enough room here for Radio Tashkent. Thanks to the 100 reporters this month. You really put this column into production! jwm.....

UNION OF SOVIET SOCIALIST REPUBLICS (continued)

15395 1500 RM/Tashkent: EE nx on Indian Ocean, Algeria (354 7/5 Rankin-KS)
 15460 1206 R. Tashkent: EE tlk on Israel-Egypt treaty, ID @ 1210, cmtry on non-aligned countries (343 Donly-SC)(Fallows-ONT)(Scott-OK)+

VIETNAM

6915 1420 Cao Bang Regional: Viet. w/ YL tlk, freq., ment of Vietnam, abruptly off @ 1431 (343 8/11 Bodell-OR)
 10040 1350 Voice of Vietnam: FF mx, abrupt 1357*, back 1358 w/ carrier, IS' @ 1400, ID (343 7/28 Holmes-CO)(Audette-MA)
 10060 1055* Hanoi 1: Viet. mx & s/off, ancmts (555 7/26 McCurdy-CA)
 15008a 2030 VOV: EE nx by OM, ID, cmtry, local mx (232 Alexander-PA)(243 Scott-OK)(Thompson-CA)(Hodsdon-MN)(Marshall-CA)(Pimblett-ALB)+

YEMEN

9780 0340 R. San'a: AA Bird IS, s/on 0300, ID, anthem, Koran chants by OM (333 7/10 Cucura-PA)(Radcliff-IL)(Fisher/Leeman-MA)

OCEANIA

AUSTRALIA

4920 1215 ABC Brisbane: EE nx, mx, ID (544 7/26 Mappin-WA)
 5995 1110 R. Australia/Lyndhurst: EE OM w/ Australian nx, ID, rpt. on Indo-China (232 Audette-MA)(Lattemann-WA)(Coleman-MA)
 6045 1030 RA/L: EE ID, freqs., mx pgm (233 Audette-MA)(Searles-IA)
 6060 1445 RA/Shepparton: EE "Australia Tonight" (444 Pimblett-ALB)
 6080 1330 RA/S: EE ID, YL anc (444 7/28 Connell-CA)
 6140 0915 ABC Perth: EE wx, mx, OM tlk, comedy pgm (242 7/2 Audette-MA)
 9570 1417 RA/S: EE nx, tlk on Australia (434 Zavatsky-CT)(Hodsdon-NJ)++
 9580 1240 RA/S: EE w/ mailbag (433 Rudolph-AL)(Smith-FL)(Goetz-MI)(353 Earhart-PA)(Mellinger-NJ)(Boehm-TX)
 9610 1110 ABC Perth: EE nx, wx, ID, variety show (333 Smith-FL)(Witte-CA)(Grenier-CA)(Zavatsky-CT)(Pimblett-ALB)(Shaffer-IN)(Norcross)+
 9670 0817 RA/S: EE tlk of "Boat People", business pgm (333 Smith-FL)
 9680 1457 ABC Melbourne: EE s/off, nat. anthem (444 7/28 Pimblett-ALB)
 9770 1157 RA/S: EE "Australia Tonight", TC, wld nx (343 Smith-FL)(Yajko)(Grenier-CA)(Audette-MA)
 11705 1205 RA/S: EE wld nx, tlk on refugee problem, ID (333 Audette-MA)
 11740 0823 RA/S: EE Australian nx, pop mx, ID (333 6/6 Smith-FL)
 11790 1142 RA/L: EE mx abt. the city of Darwin (333 Yajko-PA)(Audette-MA)
 11800 1800 RA/Carnarvon: EE nx (252 6/9 Findlater-CA)
 11865 1700 RA/C: EE wld/Aussie nx, pop mx (444 7/29 Pimblett-ALB)
 11870 1204 RA/C: EE Aussie nx, nx in brief (444 Smith-FL)
 11880 1220 RA/S: EE w/ Aussie Stock Report, mx, freq., ID (343 Smith-FL)(Yajko-PA)(Audette-MA)(Maise-IA)(Grenier-CA)(Owsley-CA)++++
 15160 0625 RA/L: EE mx pgm, nx @ 0630 (333 Gaede-CA)(Audette-MA)
 15240 0550 RA/L: EE OM w/ sx pgm, ID's (233 Audette-MA)(Scott-OK)(Blaise)
 15320 0416 RA/S: EE mx (more details, jwm) (334 Dieckmann-MO)(Smith-FL)+
 15425 0645 ABC Perth: EE cmtry on cockroaches (444 Connell-CA) Sounds interesting. I'll have to listen to ABC more often!.....jwm
 17725 0545 RA/S: EE profile on Sydney Opera House (152 7/7 Proom-ENG)
 17755 0610 RA/S: EE wld/Aussie nx (343 7/4 Alexander-PA)(Constantinides)
 17795 0245 RA/S: EE pop mx, wld nx @ 0300 (444 Stone-ONT)(Alexander-PA)(Zavatsky-CT)(Korneke-VA)(Smith-CA)(Pettit-IA)(Earhart-PA)++++
 17870 0740 RA/C: EE "Waltzing Matilda" played, letters read (323 Blaise-IA)
 21525 0415 RA/S: EE pop mx, ID @ 0422 w/ freqs. (444 7/22 Curtis-TN)(Blaise)
 21680 0158 RA/S: EE pop mx, ID, wld nx @ 0200 (444 Zavatsky-CT)(Smith-CA)+
 21740 0102 RA/S: EE wld/nat. nx, editorial opinion, mx (333 Dilk-NJ)++++

GUAM

11840 0837 KTWR: EE rel. pgms, ID on the hour (444 Pimblett-AIB)(Witte-CA)(Connell-CA)(Durnavich-II)(Moore-PA)(Mellinger-NJ)

NEW CALEDONIA

7170 1032 R. Noumea: FF pop mx, YL anc w/ ID (344 7/25 Zavatsky-CT)(544 Mappin-WA)(Witte-CA)(Cucura-PA)(Pimblett-AIB)(Holmes-CO)
 11710 0806 R. Noumea: FF OM nx, cmtry (444 8/7 Howell-CA)

NEW HEBRIDES

3990t 0340 R. Tanafo: FF w/ country west mx: "I'm Thinking Tonight of My Blue Eyes", island mx @ 0410, heavy ORM de RSA on 3995 (323 7/15 Witte-CA) Marjorie, this pgm is listed 1930-2030 per WRTH and is in Pidgin with 0.06kW. I kind of doubt it, but.....jwm

NEW HEBRIDES (continued)

3945 1022 R. Vila: EE/? OM nx, mx, ID (444 Forrester-OKI) Missort, sorry..
7260 0145 R. Vila: EE/? drums in background, mx, tlk, heavy QRN from
ARO's (322 7/30 Oakley-CA) Interesting.....jwm

NEW ZEALAND

15345 0421 R. New Zealand: EE local nx abt. a robbery in Auckland (333 7/7
Getzel-NY)(Blaise-IA)(Gaede-CA)(Mappin-WA)(Scott-OK)(Pimblett)+
17860 0620 RNZ: EE nx, wx, sx (242 7/4 Alexander-PA)(Audette-MA)(Zavatsky
(Korneke-VA)(Bratlie-MN)(Hodsdon-MN)(Connell-CA)(Hrivnak-II)++

PAPUA NEW GUINEA

2428 1125 R. New Ireland: Pid w/ OM tlk, ukelele? mx, group singing, drums,
heavy QRN (322 6/13 Oakley-CA)
3220 1010 R. Morobe: Pid OM tlk w/ chanting, fluttery (332 Lattemann-WA)
3245t 1110 R. Gulf: Pid island mx, OM tlk abt. a Sing-Sing festival (??),
weird vocals (232 7/29 Connell-CA)
3260 1200 R. Madang: Pid/EE drums, OM chanting, singing, heavy QRN (323
6/13 Oakley-CA)(Lattemann-WA)(Connell-CA)
3305 1250 R. Western: Hiri Motu nat. nx, stringed mx, ID as Radio Western
@ 1300, suddenly off, 1305*?? (323 7/6 Oakley-CA)
3322t 1055 R. North Solomons: Pid island mx, ment of PNG (222 Thompson-CA)
(Moore-PA)(Lattemann-WA)(Oakley-CA)
3335 1030 R. East Sepik: Pid w/ Elvis Presley mx, ID @ 1032, local church
services (333 Connell-CA)(Lattemann-WA)(Oakley-CA)(Thompson-CA)
3385 0948 R. East New Britain: ?? OM ancr w/ Hit Parade (454 Forrester-OKI)
(Moore-PA)(Oakley-CA)(Witte-CA)(Lattemann-WA)
3905 1141 R. Manus: Pid w/ acapella chours, OM ancr, EZI vocal mx w/ EE
Lyrics, time tones @ 1200 (333 Lattemann-WA)(Connell-CA)(Moore)
3925 1303 NBC Port Moresby: EE/Pid nx, OM in EE, ad in Pid, hrd under
NSB (322 7/10 Lattemann-WA)
4890 0840 NBC Port Moresby: EE ID's, nx headlines, pop mx (344 McCurdy-CA)
(Blaise-IA)(Lattemann-WA)(Oakley-CA)(Mappin-WA)(Connell-CA)+++
9520 0800 NBC Port Moresby: EE YL w/ nx, nx pgm, ID, sx pgm, abruptly
off @ 0845 (333 Audette-MA)(Witte-CA)(Zink-CA)(Smith-CA)++++
11880 0655 NBC Port Moresby: EE country mx, 1 month trial freq. (423 7/9
Witte-CA) This is kind of old now, sorry.....jwm

SOCIETY ISLANDS

6135 0650 R. Tahiti: Tah w/ long, dull political tlk, weak (8/9 Neumann)
9750 0755 R. Tahiti: Tah w/ continuous island mx (433 7/22 Thompson-CA)
15170 0530 R. Tahiti: FF w/ south seas mx, OM tlk, nx @ 0600 (544 Marshall)

SOLOMON ISLANDS

5020 1100 SIBC: EE local mx, ancmts., nx, high static (141 7/23 Alexander)
(Witte-CA)(Howell-CA)
9545 0730 SIBC: EE pop mx, ID @ 0745, nx of Western Province/Hūniara,
wiped out @ 0800 by VOA (222 Fisher-MA)(Dubee-CA)(Zink-CA)++++

DATELINE

Afghanistan-the Domestic Services of Radio Afghanistan are as follows:
1st pgm: 0125-0400, 0400-0730 (F.), 0730-1030 (Th.F.) on 7200, 6230, 4775,
4380, 3390, 1278, and 657 kHz. Pgms are in Pushtu and Dari.....
2nd pgm: 1630-1800 daily on 6230, 657 (irreg.). Pgms in Pushtu and Dari...
3rd pgm: 1330-1530 daily on 4380. Lang. not given.....BBCMS

Cambodia-Voice of the Kampuchean People's External Service's read: 0001-
0015 and 1200-1215 in EE; 0015-0030, 1215-1230 in FF; 0030-0045, 1230-1245
in Thai. Freqs. for the above are 11938, 9695, 1360 and all pgms are
directed to SEA. The service was inaugurated 20th July.....BBCMS

Iraq-the External Services of Radio Baghdad are:(EE) to the Americas from
0300-0400 on 11925; to Europe on 9745 from 2130-2230. (Persian) to the
Near/Middle East from 0730-1030 on 11725, 9572, 3240. 1600-1900 to Iran
on same freqs. (AA) "Voice of the Masses" from 1530-1925 on 9745; 2000-
2200 "Voice of Egypt of Arabism" on 11925, 7245, 7170, 1035, 693. The
Hebrew svc. is from 1530-1630 on 9553, 6155BBCMS

That's it for this month. As you may have noticed, I used loggings from last
month that arrived here late, hope it's not too much of an inconvenience.
I'm always open for criticism/comment/suggestion. Tnx for reporting

WORLD SERVICE STATION SKEDS

EMISSIONS

PROGRAMMI

TRASMISSIONI

BULLETIN DE PROGRAMMES

Editor:
Dave McNally
P. O. Box 789
Huntington Beach, CA 92648

PROGRAMS

ENGLISH SERVICE

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 12th

COMUNICATI NEL CORSO

ALL SCHEDULES, UNLESS OTHERWISE INDICATED, ARE FOR ENGLISH PROGRAMS, AND ALL TIMES ARE IN GMT. ALSO, SCHEDULES CREDITED TO "BBCMS" ARE COURTESY OF THE BBC MONITORING SERVICE, AND ARE USED BY PERMISSION.

AUSTRIA, ORF:

0130-0200 5945,9770 N America;12015 S America.

0430-0500 15260 N America;21575 Asia/Aust.

0830-0900 6155 Europe; 15200,15410,21630,
21735 Asia/Australia.

1230-1300 9770 Europe;17860 N America;21610
Asia/Australia.

1800-1900 6155 Europe;21610 Asia/Aust.;15435,
21740 Africa.

2300-0000 5945,9770 N America; 12015 S America.2100-2130 6025,7200,9655,9835,11910,15220
McCurdy, Oakley, T. Smith.

BULGARIA, R Sofia:

0000-0100 15330 N America.

0430-0500 11750 N America.

1930-2000 9700,11720 British Isles.

2130-2200 11750,15135 British Isles.
T. Smith.

ECUADOR, HCJB:

N America 0030-0200 15265.

0030-0700 9745,11915. 0500-0700 6095.

1200-1430 11740. 1200-1600 15115.

1300-1600 17890.

S America 1200-1600 15115.

Europe 0700-0830 11825,15165.

1700-1800 17825,21480.

1900-2000 15420,17765,21480.

2130-2200 15180,17765,21480.

S Pacific 0600-1130 6130,11900.

0700-1030 9745. Watts, Yajko.

FINLAND, R Finland, to N America, thru Sept:

1300-1330 15400. 1300-1500 (Sun) 15400.

1430-1500 15400,21745.

NEW TIME- 0330-0400 9675. Reception reports on
this new time are requested.

ANARC via Jeff White.

FRANCE, RFI "Paris Calling Africa",1600-1700:

W Africa 15300,17720,17775,21675.

Cen & S Africa 17850,21580.

E Africa/Indian Oc. 17860,21595,21620.

N Africa 11845,15155,15300.

Buhagiar, T. Smith.

GUAM, KTRW, revised J-79 Schedule:

0000-0130 17855 India.

0815-0930 11840 Japan.

1430-1500 11730 India;15350 N China.

Donly, Durnavich.

A wedding anniversary is the celebration of
love, trust, partnership, tolerance & tenacity.
The order varies for any given year.

-Paul Sweeney

Our soon to be wed publisher might want to take
note of the above, hi.

HUNGARY, R Budapest, to 4 November:

0200-0230 (Tu-Sun) 6105,9585,9835,11910,
15225,17710 N America.

0300-0330 6105,9585,9835,11910,15220 N Amer.
1030-1100 9585,9835,11910,15160,17785,21525

Australia/N Zealand/Japan.

1200-1230 (Mon-Fri) 7155,9585,9655,9833,
11910,15160 Europe/Scandinavia.

1430-1500 (Mon-Fri) 6110,9585,9835,11910,
15160,17785 Asia.

2100-2130 6025,7200,9655,9835,11910,15220

Europe.

"Calling DXers and Radio Amateurs"-

0400-0415 (Wed,Sat) 6105,9585,9835,11910,
15225,17710 N America.

1515-1530 (Tu,Fri) 6110,7200,9585,9835,11910,
15220 Europe.

T. Smith, Watts.

ISRAEL, IBA, from 2 Sept to 3 November:

0500-0515 11655 Aust/Americas/S Europe;

15105,17815 ECNA/W Eur;15485,17685

N America/W Eur;21500 Aust/Asia;11960,

21565,21575,21625 Europe.

1200-1230 17685,21675,25625 ECNA/W Eur;17565

Asia/Aust/ECNA;11655,21495,21575 Europe.

2000-2030 11655,17645 W Eur/N Am;15415 W Eur/

ECNA;15585,17685 E,Cen & S Africa/Sou-

thern S America;9009 W Africa/Cen & Sou-

thern S America;15105,21575 Europe.

2230-2300 9815,11655,12085,15300 N Am/W Eur;

17815 ECNA/W Eur;17685 E, Cen & S Africa/

Southern S America;15105 Europe.

High-powered Transmitters underlined.

direct from IBA.

ITALY, RAI, thru October:

0100-0120 9575,11800 N America.

0350-0410 11905,15330,17795 S Asia.

0425-0440 5990,7275 Mediterranean.

1935-1955 7275,9710,11800 Great Britain.

2025-2045 7235,9575,11800 Near East.

2200-2225 9710,11905,15250 Japan.

direct.

JAPAN, R Japan (NHK),Regional Svce to N Amer.:

2345-0045 15270,17825.

0130-0230 15270,17725,17825,21640.

Zilmer.

KOREA, SOUTH, R Korea, off air 16 July:

N America 0400-0445 9755,11800.

1800-1845 11830.

Europe 1245-1330 12090,15570.

SE Asia 1245-1330 7550.

General Svce 0400-0445 9640,15570

Korea finished on the next page....

KOREA, SOUTH, continued

Latin America 0215-0300 15350.
1800-1845 15255.
Holmes.

MALAYSIA, Voice of the Malaysian Revolution
brdcsts in EE @ 1430-1530 on 15790.
Owsley.

MONACO, TWR, Spring-Summer sked:
0030-0130 (daily) 19 mb.
0625-0755 (Mon-Fri) 31 mb.
0625-0800 (Sat, Sun) 31 mb.
0800-1000 (Sun) 31 mb.
0930-1000 (Tue-Thur) 31 mb.
0930-0945 (Mon) 31 mb.
31 mb freq is 9610, but 19 mb freq is either
15255 or 15420. Munster.

NETHERLANDS, RN, to November:
0230-0325 6165B, 9590B to ECNA.
0530-0625 6165B, 9715B to WCNA.
0700-0720 11720L, 15235L, 17695L W Africa.
0730-0825 9715B, 9770B Aust/NZ/Pacific.
0830-0925 9715B Australia.
0930-1020 5955L, 6045L, 7240L, 9895L, 11930L
Europe. Europe.
1330-1420 5955L, 6020L, 6045L, 9895L, 11930L
1430-1525 17855M, 21480M S & E Asia.
1830-1920 6020M, 11730M, 17695L Cen, E & S
Africa.
2030-2120 11730M, 11740M, 15220L, 17810B,
21640B W & Cen Africa.
L=via Lopik (Holland), M=Madagascar, B=Bonaire.
Audette.

NIGERIA, Imo Broadcasting Svce. has begun test
brdcsts from Owerri. They are on 4755 @
0400-0900 & 1600-2300, & on 6165 @ 0900-
0400. Reception reports should be sent to
the Chief Engineer, Box 329, Owerri, Nigeria.
Noto.

NORWAY, RN, to 3 November:
Sundays
0800-0830 11850 Aust/NZ; 15135 F East/Aust/
NZ; 21655 F East/Indonesia/NZ.
1200-1230 6015 Europe; 21730F East/Indonesia/
Aust; 25730 India/Indonesia/Aust.
1400-1430 9590 Europe/N Af; 15175 N & C Amer-
ica 21730 Europe/M East/E Africa.
1600-1630 15175, 17795 N & C America; 21730
W Africa/S America.
1800-1830 15175 N America; 17775 M East/
E Africa; 21730 M East/Africa.
2000-2030 11860, 15175 Pacific; 15345 Europe/
Africa.
2200-2230 9550, 11870 N & C America; 15175
N, Cen & S America.

Mondays
0000-0030 9550 F East/Indonesia; 9605 N & Cen
America; 11870 W Africa/S America.
0200-0230 9590, 11860 N & C America; 11870
West N America.
0400-0430 9550 Pacific; 11870 N & C America;
11895 WCNA.
0600-0630 9645 WCNA; 15175 M East/E Africa;
21655 M East/India/E Africa.
Audette.
Justifying a fault doubles it.
-French proverb

PHILIPPINES, R Filipinas:
Mon-Sat 0657-0955 to Japan/Korea/Taiwan;
0957-1155 Indonesia/Malaysia; 1157-1355
SE Asia; 1357-1655 N America; 1657-1855
W Soviet Union/N Europe.
Sunday Same as Mon-Sat minus the 1657-1855
transmission.
All on 9580 & 11950. Miller.

FEBC Radio International:
2300-0500 21515. 2300-0000 11890.
2300-2345 15450. 2345-0500 17810.
0000-0100 11855. 0100-0500 15395.
Audette, Zilmer.

PORTUGAL, AWR-Europe:
0900-1000 (Sun) 9665 to Europe.
2100-2130 (Tue) 9665 to Europe.
Prom.

R Portugal:
0300-0330 6025, 11935 to ECNA.
0500-0530 6025, 11935 to WCNA.
1400-1430 17895 to India/M East (except Sun).
1600-1630 17895 to India/M East (except Sun).
1800-1830 (Sun. 1700-1730) 15340, 17880
to Africa.
2030-2100 6025, 9740 to Europe.
Hesch.

ROMANIA, R Bucharest:
0130-0230 5990, 9570, 9690, 11735, 11840,
11940, 15380 to N America.
0400-0430 5990, 9570, 9690, 11735, 11840,
11940, 15380 to N America.
0530-0600 11830, 15250, 17745 to Africa.
0645-0715 11940, 15255, 15340, 17805 to
the Pacific.
1200-1230 15345, 17830 to Asia.
1300-1330 11940, 15250, 17850 to Europe.
1500-1530 11940, 15250, 17805 to Asia.
1730-1800 11790, 15365, 17720 to Africa.
1930-2030 9690, 11940 to Europe.
2100-2130 7195, 9690 to Europe.
Moran.

SOUTH AFRICA, RSA, thru October:
0156-0250 5980, 9585, 9610, 11900 N America.
0256-0426 3995, 4990, 5980, 7270, 9585 E Africa.
0556-0700 15220, 17780, 21535 W Africa.
1056-1156 15125, 25790 C & E Africa/Europe.
1258-1550 (Mon-Sat) 15220, 21535 25790
C & E Africa/Europe/M East. Capriivi.
1258-1450 (Sun) 15220, 17780, 21535, 25790
1450-1550 (Sun) 15220 (from 1452), 21535,
25790 C & E Africa/Europe/M East.
2056-2150 9585, 11900, 15155, 17780 W Africa/
Europe. T. Smith.

SRI LANKA, AWR from SLBC:
0330-0400 (Sunday) 9720, 15425 to S Asia.
1330-1400 (Fri) 6075, 9720, 15425 S Asia.
1330-1345 (Sat) 6075, 9720, 15425 S Asia.
1430-1500 (Sun) 6075, 9720 S Asia.
DX Programs from R Monitors International:
1100 (Sun) 11835, 15120, 17850 from Ekala.
1400 (Sun) 6075, 9720, 15425 from Ekala.
Durnavich.

The way to gain a good reputation is to en-
deavor to be what you desire to appear.
-Socrates

SWEDEN, R Sweden, to 4 November:
 0030-0100 11905 N America.
 0230-0300 9695, 11705 N America.
 1100-1130 9630 Europe, 21690 Aust/N Zealand.
 1230-1300 15240 E Asia, 21690 Africa.
 1400-1430 21615 N America, 21700 S Asia.
 1600-1630 6065 Europe, 15240 S Asia/M East.
 1830-1900 6065 Europe, 15240 Africa.
 2100-2130 11905 M East, 15240 Africa.
 2300-2330 11705, 15275 N America.
 Underlined freqs are new ones.
 Hesch, Munster, Zilmer.

SWITZERLAND, Red Cross Brdcsting Svce:
 EE is @ 0600-0630 on 7210 on the following
 dates for the year: September 24, October 29,
 November 26, December 24. Cucura.

TANZANIA, R Tanzania brdcsts the Voice of
 Revolutionary Zimbabwe in EE @ 1915-1945
 on 15435. Owsley.

THAILAND, R Thailand, all on 9655 & 11905:
 EE World News Service: 2330-0200, 0415-0515,
 1055-1155.

FF: 0520-0550. Lao: 0915-1000.
 Mandarin Chinese: 1000-1030. Thai: 1035-1055.
 Vietnamese: 1200-1230. Cambodian: 1230-1300.
 Malay: 1305-1350. Burmese: 1355-1425.
 JJ: 1430-1450. The regular programs consist of
 news, music & features. And since the Int.
 Signal is drawn on the sked, I thought I'd
 put it here (for those of you who can read a
 little music).



wow! artwork! Hardester.

TURKEY, V of Turkey:
 English 1200-1300 15125 to India.
 2130-2300 6185, 9515, 7170, 11955 to Europe,
 M East, United States.
 Turkish 0355-0600 6185, 11955, 11965.
 0355-2130 9515. 0600-0900 15145.
 0600-1700 15135. 0600-1200 9665.
 0900-1500 11955. 1500-2130 6185.
 1700-2000 11955. 1700-2130 7170.
 Urdu 1300-1330 15125.
 Persian 1330-1400 15125.
 Arabic 1400-1500.
 Rumanian 1500-1530 7170.
 Greek 1530-1600 7170.
 Bulgarian 1600-1630 7170.
 Serbo-Croatian 1630-1700 7170.
 German 2000-2100 11955.
 French 2100-2130 11955. Kanny

U.S.S.R., R Moscow: The USSR High Freq ency
 Broadcast Newsletter listed quite a few RM
 freqs to look for in trying to QSL USSR
 transmitter sites. Here are most of the
 EE ones:

0400-0500 11745 Minsk Wrld Svce.
 0400-0700 9795 Tbilisi WS.
 0500-1100 17860 Tashkent WS.
 0600-1000 11745 Minsk WS.
 0930-1430 21615 Riga WS.
 1000-1100 17850 Alma Ata WS.
 1000-1600 15150 Minsk WS.
 U.S.S.R. continued in next column....

U.S.S.R., continued
 1300-1400 21585 Dushanbe Radio Station
 Peace & Progress.
 1300-1400 17740 Ashkhabad RPP.
 1300-1500 11745 Minsk WS.
 1300-1600 17700 Yerevan WS.
 1700-2100 15150 Minsk WS.

This short list represents 8 of the Republics
 but is by no means a complete list. To
 get a more complete story, the UHN is
 super helpful. Subscription rate is \$3 for
 10 issues. QTH: Roger Legge, Box 232, McLean,
 Virginia 22101.

R Vilnius:
 2230-2300 6100. 17870.
 2300-2330 11735, 11790, 15180, 15405, 15525, ↑
 Audette.

UNITED KINGDOM, BBC Wrld Svce, to N America:
 1100-1330 6195, 11775 via Caribbean: 9510
 Sackville; 15215, 21555 UK. Zilmer.

UNITED STATES, WYFR, to 3 November:
 0100-0500 9715 to Americas.
 1230-1400 (wkends) 17785, 21525 Eur/N Africa.
 1500-1551 (wkends) 17785, 21525 Eur/N Africa.
 1700-1800 15440, 17845, 17870, 21615 " .
 1800-1900 15440, 17845, 17875, 21525, 21615 " .
 1900-2100 17845, 21525, 21615 " .
 2100-2300 11855, 17845 " .
 Audette.

VATICAN CITY, VR brdcsts to NA in EE @ 0200-
 0215 on 6015, 9605, 11845. Yajko.

GERMANY, EAST, RBI via BECMS:
 0100-0145 9730, 11970 ECNA.
 0230-0315 9730, 11970 ECNA.
 0330-0415 11840, 11890, 11970 WCNA.
 0445-0530 11720, 11795 E & W Africa.
 0645-0730 17700, 21465, 21540 SE Asia.
 1200-1245 15165, 17700, 21465, 21540 SE Asia.
 1315-1400 21485 C Africa.
 1400-1445 17700, 21465, 21540 SE Asia.
 1530-1615 17700, 21540 SE Asia.
 1700-1745 6080, 7185 Europe.
 1800-1845 7260 Europe.
 1915-2000 6080, 6115, 7185 Europe.
 2000-2045 9665, 15390 C & W Africa.
 2045-2130 6115, 7185, 7300, 9730 Europe.

GERMANY, WEST, DW, via BECMS
 0120-0220 7210, 7285, 9690, 11945, 15235 Asia.
 0130-0150 6040, 6075, 6085, 6100, 9545, 9565,
 9605, 11865 N America.
 0530-0550 5960, 6185, 9545, 9650, 11785, 11905
 N America (West).
 0930-1030 9650, 11850, 15275, 17780, 17800, 21540,
 21680 Asia/Aust.
 2100-2200 7130, 9765 Asia/Australia.

Well, I have just about finished my last
 Station Skeds column. Yes I am retiring
 (makes me feel so old with that word). So,
 welcome to your new editor, Dave McNally,
 PO Box 789, Huntington Beach, CA 92648.

I hope you give him as much support as you
 have to me, and even more. I've really en-
 joyed doing this column, esp. getting all
 these skeds. Don't forget to send all skeds
 to Dave next month. 73s, & so long, *Ala*

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 12th

UTILITY

REPORT



HURRICANE HUNTERS: With the advent of another hurricane season the Utility Report offers its annual September update on these targets for ute listening, this time with information from the 920th Wx Recon Gp (AFRES), Keesler AFB, MS whose 815th Wx Recon Sqdn flies about 70% of hurricane recon flts in seven WC-130H acft, investigating satellite-indicated hurricane breeding spots & passing the info to the National Hurricane Forecast Center, Miami via USAF aeradios, forwarded by GARY RUSSELL-IL.

AIRCRAFT CALLS

GULL # -53rd WRS aircraft based at Keesler AFB, MS
NOAA # -National Oceanographic & Atmospheric Admin. aircraft
TEAL # -815th WRS, Keesler (TEAL calls appear to be assigned to aircraft commanders, not the aircraft he flies.)

GROUND STATIONS

Miami Monitor--National Hurricane Forecast Center, Miami, FL
Mather Monitor--USAF Wx Ctr Mather AFB CA (used after Miami closes @ 2100z)
GULL Ops-----53rd WRS Operations Center, Keesler AFB, MS
TEAL Ops-----815th WRS Operations Center, Keesler AFB, MS
Weather observations are passed to the above stations via Albrook & MacDill AFB phone patches on regular USAF flight service freqs and these discrete freqs: 5683 8967 9020 11228 11232 13210 15048 17972 23317 USB. NHRG, Miami, KJY74 uses 4668 6645 13260 17901 USB with NOAA aircraft. Navy P-3 acft have also been active in the past in hurricane observation, but no activity by Navy acft in HH has been noted since 1976.

THE JAMAICAN DEFENCE FORCE COAST GUARD: Once the lair of pirates, including Henry Morgan, Port Royal is the the HQ of the Defence Force Coast Guard of Jamaica and the site of Coast Guard R. Kingston-6YX. This station maintains a continuous watch on 2182(AM-USB) and uses 2738(AM-USB) as its normal working freq. Other working freqs are 4225(CW-USB), 8450 (CW), and 12750(CW). Jamaican Territorial Waters Navigational Warnings & Caribbean Weather Forecasts are broadcast daily on 2738 khz AM at 1330z & 1830z, and wx forecasts are available on request on CW. ADDRESS: HQ Jamaican Defence Force CG Radio-6YX HMJS Gagway Port Royal Kingston 1 Other ships of the Coast Guard are the Discovery Bay, Holland Bay, Manatee Bay, and the Fort Charles. This information was condensed from a page in the JDFCG Magazine furnished by FRED OSTERMAN-OH.

MORE ON US CUSTOMS, DEA & BORDER PATROL: List of Border Patrol Stas:
4616khz: KAD200 Washington DC KAK760 Spokane, WA
KAD260 New Orleans, LA KAK840 El Centro, CA
KAD262 Pensacola, FL KAK860 Tucson, AZ
KAD620 Houlton, ME KAK880 El Paso, TX
KAD680 Buffalo, NY KAK920 Del Rio, TX
KAK700 Detroit, MI KAK940 Laredo, TX
KAK720 Grand Forks, ND

4618.5: KAD220 Miami, FL; KAK780 Blaine, WA; KAK820 Chula Vista, CA (All USB)
5911: KAD200, KAD262, KAD620, KAD680, KAK 720, KAK840, KAK860, KAK920, KAD660 Ogdensburg NY, -KAK850 Yuma, AZ-KAK960 McAllen, TX (All USB)
5913.5: KAK780, KAK820, KAD200 (All CW)
9433.5: KAD200, KAD260, KAD600, KAD620, KAD680, KAK960, KAK800, Livermore CA; KAK900 Marfa TX (All USB)
9434: KAD260, KAD680, KAK700 (All CW)
9436: KAK700, KAK760, KAK720, KAK820, KAK940, KAK740 Harve, MT (All CW)
14583.5: KAK820 (USB) 14585.3 KAD200, KAD260 (All USB)

Other calls hrd on the DEA & US Customs freqs working ATLAS are:
Condor # (acft), Flint 101, Flatfoot Diana, and Simpson 202. (ON CHILD-
Gulf and Hotel. (CRAIG CHILD-ME)

Our offer of a limited amount of DEA-Customs-BP info in the July column resulted in 74 requests for the info so far! Amazing!

MULTIPLEX, RADIOPHOTO, AND FACSIMILE Z-SIGNALS: Furnished by Jim

Boehm-TX and Richard Slover-TN.

MULTIPLEX

ZYA Cease t/c, send As on A channel
ZYC Cycling on ARQ, errors stored
your end
ZYX Check your keying on channel #
ZYM Change from single printer to
multiplex
ZYN Make bias neutral
ZYP Change from multiplex to
single printer
ZYR Please put _____ on MUX revolutions
ZYT Check your thyratrons
ZYX/x Revert to MUX frames _____ channels
RADIOPHOTO & FACSMILE
ZXA Adjust to receive speeds _____.

ZXC Pix _____ conditionally accepted
ZXD Send dashes, please
ZXF You are floating fast
ZXH Limits high, reduce _____ cycles
ZXJ You are jumping out of phase
Z XK Is your synchronizing correct?
ZXL Limits are low, increase cycles
Z XO Last run defaced due to _____.
ZXP Go ahead with pix.
ZXS You are floating slow.
Z XV Your modulation is varying.

MARITIME RADIO FREQUENCIES, VOICE: DUPLEX OPERATION

All high freq radiotelephone operation in the maritime service is now SSB, using upper sideband only. (although some non-ITU-member countries are still in noncompliance).

Channels on these bands are spaced 3.1 khz apart.

SHIP STATIONS (and LIMITED COAST STATIONS)

	<u>COAST STATIONS</u>
4063-4146.6	4357.4-4438
6200-6224.6	6506.4-6525
8195-8297.3	8718.9-8815
12330-12439.5	13100.8-13200
16460-16596.4	17232.9-17360
22000-22139.5	22596.0-22720

Note: In duplex operation the ship channel may be found by subtracting the factor given in the following list from the coast station frequency.

4 Mhz Band - 294.4 khz	12 Mhz Band - 770.8 khz
6 Mhz Band - 306.4 "	16 Mhz Band - 772.9 "
8 Mhz Band - 523.9 "	22 Mhz Band - 596.0 "

(SANDY BLAIZE-LA)

OUR DEADLINE: The deadline for the "Utility Report" is and has been for several months now the 12th (Twelfth) of each month. A few reports have been arriving too late for use each month. SPEEDX rules say that late reports cannot be credited. PLEASE be sure to get your reports into the mail in plenty of time to arrive here by the twelfth, and remember that P.O. delivery times seem to be getting slower, as for example, this month, 6 days from South Carolina & 6 days from Chicago!

NOTE: The volume of mail we receive requiring a reply to SPEEDX ute enthusiasts has become very large and the cost of replying has become almost prohibitive, therefore we must request that if at all possible you include an SASE when requesting info. Thanks to those who already do!-Ed.

GREAT LAKES SHIP INFO: A book published by Marine Publishing Co. P.O. Box 68 Sault Sainte Marie, MI 49783, Know Your Ships - The Seaway Issue, contains a list of ships operating on the Great Lakes and St. Lawrence Seaway, with a list of ships in each fleet and addresses of the operating companies. It's published annually in April and the price is \$3.50 US or \$4.00 Canadian, postage included. (GEORGE BRICK-TX)

QSLS . All freqs in kilohertz

ARGENTINA: LOL Buenos Aires 10000 date only fldr cd 30d 2 IRCs (Durnavich)
LPD Gen. Pacheco R. 22419 f/d ltr 22d air for IRC (rtrnd) (Proom-ENG)
34d reg. ltr for IRC (Granone-NM)

AUSTRALIA: VHP RAN Canberra 16918.5 f/d ltr 30d for 2 IRCs (Moran-PA) 33d for 2 IRCs (Proom-ENGLAND)

BRAZIL: PWZ Navy Rio R. 12753 verified by Brazilian Navy 45d IRC and also by USN 33d for IRC (rt'd)! (Proom-ENGLAND)

CANADA: VCO Sydney NS CG R. 2598 PFC in 11d, date-freq only (Mellinger-NJ)
CHR Trenton Military 6751 no-data ltr in 7d for IRC (Marge Witte-CA)
VAL Vancouver CG R. 8453 f/d ltr+skeds in 30d for ms (Vranes-PA)
VCS Halifax CG R. 12874 f/d photo cd in 50d for IRC. 1kw (Granone-NM)


CHILE: CGS Navy Santiago 15772 f/d cd+ltr in 10d air for SS rpt & ms (Mcmn)

COSTA RICA: TIM RCRSA 13100 Limón R. f/d ltr 23d ms (Kasprzyk-TX) (Moran-PA)

CURACAO: PJC GRTA 8694 f/d color cd in 24d for IRC (Kaprzyk-TX)

DENMARK: OXZ4 Lyngby R. 8598 f/d cd 420d IRC(Kasprzyk)OXZ62 12753.5 135d (Vranes-PA) OXZ6 12916.5(Lani Pettit-IA) Lani's 1st ute QSL---ATTAGIRL!
ENGLAND:RN Whitehall R. GYA 12740.235 f/d ltr 25d for 2 IRCs(Vranes-PA)
ECUADOR:HD2IOA INOCAR Guayaquil 7600 date-freq red sundial cd in 38d for ms, SS rpt & canceled stamps (Kasprzyk-TX)
FRANCE: PTS Paris 19355 no-data FF form ltr 17d for IRCs(rtnd)(George-TX)
GIBRALTAR: GYU RN 12824.235 f/d ltr in 18d air for 2 IRCs (Vranes-PA)
GUAM: NPN USN Agana 13380 f/d color cd 12d air for 2 IRCs(rtnd)(Ewing-IL)
HAWAII: NMO USCG Honolulu R. 6506.4 PFC in 24d for ms (Pogue-CA)
HONGKONG: VOLMET 8903 date-only ltr+booklet 19d air for IRC(Latteman-WA)
 VPS C&W 13020 f/d folder cd in 22d air for IRC (E. Kasprzyk-TX)
ICELAND: TFA PTT Reykjavik R. 13069.5 f/d color cd 40d 2 IRCs (Moran-PA)
IRELAND: R. Condor Int'l 6243 f/d ltr in 6m for 2 IRCs (McDavitt-NY)
 EIP Shannon VOLMET 8833 f/d tourist fldr cd 39d for IRC (Kasprzyk-TX)
 VS:Wm. O'Sullivan (T. Croke, listed as VS in SUG is reported deceased)
ITALY: IRM Rome Med. R. 17105 f/d cd in 25d surface for 2 IRCs(Morgan-PA)
JAMAICA:6YX J.D.F. CG Kingston R. 8996 ltr 5w for IRC (Osterman-OH)

Chd 988-2879-4
988-2660



HEADQUARTERS
J.D.F. Coast Guard
"H.I.S. MAJORITY"
Post Royal
KINGSTON, JAMAICA

235/2

Fred OSTERMAN
218 Laurel Drive
Pataskala, Ohio 43062
U.S.A.

July, 1979.

Dear Mr OSTERMAN,

Reference your letter dated 14 June, 1979. We are pleased to note that our Transmission on HF has reached you with such clarity in Pataskala, Ohio U.S.A.

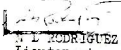
This is an encouraging indication of the strength of our out-put on our Radio.

The transmission you heard was indeed quite correct. It was a very well coordinated Medical case between the U.S Coast Guard and Jamaica Coast Guard. The operation was successful and the patient was transferred from a Jamaica Coast Guard cutter to U.S Coast Guard Helicopter then to a Hospital in Kingston Jamaica.

The frequency on which you heard the transmission is a regular HF Search and Rescue frequency when operating with Aircrafts in the Caribbean.

I will enclose a Jamaica Defence Force Coast Guard Magazine which is to celebrate our Fifteenth Anniversary. Happy reading, and I hope that we will hear from you again in the future.

Yours truly



J. L. RODRIGUEZ
Lieutenant
Officer Commanding

JAPAN: JCU NT&T Choshi R. 8479 usual f/d color cd 5Cd IRC(Kasprzyk-TX)
 JCS NT&T Choshi R. 12826.5 f/d antenna cd 56d IRC air (Granone-NM)
 JOR NT&T Nagasaki R. 13008 freq only printed ltr 46d IRC(Granone-NM)
NEW CALEDONIA: FUJ Fr. Navy Noumea 12858 f/d form ltr 47d 2 IRCs(Granone)
PORTUGAL: CTU3 Monsanto Naval R. 12809.5 f/d cd 27d for 2 IRCs(Proom-ENG)
PUERTO RICO:NMR USCG 8471 f/d ltr 11d ms(Pogue-CA) 14d(Vranes-PA)
SO.AFRICA: ZSC6 Cape Town R. 8638.5 f/d post cd 30d for 2 IRCs(Granone-NM)
SCOTLAND: MGS RN Faslane 2767 f/d PFC in 12d for ms (Proom-ENGLAND)
SWEDEN: Goteborg R. 8740.6 f/d map cd 3w air for IRC (Moore-PA)12818 15d (Vranes-PA) 17079.4 13d(Ewing-IL) 54d(Granone-NM)
 U.S.A.: NMG USCG New Orleans 6506.4 f/d PFC 17d for ms(Pogue-CA) NEW ADDRESS: P.O. Box 520 Belle Chase, LA 70037
 NMA USCG Miami FL 6506.4 f/d color cd in 21d for ms (Pogue-CA)
 NMF USCG Boston R. 8459 f/d color cd in 14d for ms (Pogue-CA)
VENEZUELA: YVTO Obs Cagical Caracas 6100 f/d cd 44d air IRC(Witte-CA)
SHIPS: NPMC USS MARS AFS-1 6506.7 PFC in 10d air for ms (Pogue-CA)
 SS Torrent WK4625 12432.3 off Hispanola PFC 13d for ms 1kw(Granone-NM)

SHIPS: WGOA TT Williamsburgh 16472.4 PFC 35d for ms. 800w(A. Mason-ONT)
 SS Ocean Voyager WYH6583 16587 20-30N 72-59W PFC 13d ms (Granone-NM)
 MV Garl GTUM LNG carrier 22015.5 PFC 35d air for IRC (A. Mason-ONT)
 GQOS MV British Tay 22015.5 PFC 30d air for IRC VS:YL R. Officer(Mason)
 KLEZ Overseas Arctic 22124 25-00N 70-30W PFC 26d for ms (Granone-NM)
 GTVU MV Southland Star containe 22232 PFC+pic 79d for IRC (A.Mason-ONT)
 3EBG MV Maritime Reliance cargo 22234 PFC+ltr 110d for IRC (A. Mason)
 GWLU MV Wild Marlin refrig. ship 22259 PFC+ltr 112d IRC (A.Mason-ONT)
AIRCRAFT: Teal 14 WC-130 8993 PFC+info in 18d air for ms (Russell-IL)
 Jolly 67 HH-53H PAVELOW III 11182 PFC<r+decal 29d ms (Russell-IL)

	All times	GMT	LOGGINGS	All freqs in kilohertz
ALASKA:	13344	1855	KIS70 Anchorage VolMet YL EE wx AM(Marge Witte-CA)	
CANADA:	4497.5	0510	CKN Vancouver Military metro mkr CW(Thompson-CA)	
	8868	*0150	VFG Gander VOLMET OM EE aero wx AM (Morrison-NC)	
	9646	1412	CKN RCN Vancouver R. C13E V mkr CW(Peggy Thompson-CA)	
	11233	0121	CHR Trenton Military YL EE wkg Mil 513(Fitzgerald-RI)	
	13420a	1651	Esso Base St John OM wkg Esso Brevort Is.USB(Stock)	
	15038	1333	CHR Trenton Military OM EE aero wx USB(Thompson-CA)	
MEXICO:	4225	0832	XFM Manzanillo Colima R. CQ mkr CW (Forsman-CA)	
U.S.A.:	2670	0600	NMQ USCG Long Beach CA OM tfc USB (Moore-PA)	
	3348a	0318	WAR USACC Fort Detrick MD CQ mkr CW (Vranes-PA)	
	4428.7	0415	NMN USCG Portsmouth VA OM EE marine wx USB(Scott-OK)	
	4382.2	0146	WMI LECCO Lorain R. OH OM wx USB(Moore)(Kerrigan-IL)	
	4630	0330	KKI720 LA CAP OM EE wkg Magnolia mobiles USB(Munster)	
	5652	*2300	WSY70 NY VOLMET OM EE aero wx, term fcsts(Pavelka-NY)	
	5692	0547	NOR USCGAS San Diego OM EE wkg CG#1497 USB(Pogue-CA)	
	6435.5	0751	WFA RCA Port Arthur TX V mkr CW (Forsman-CA)	
	7924a	2350	KKN50 State Dept Intell Svc DC QRA mkr CW(Schipelliti)	
	8465	1426	NOE USCG North Bend OR CQ mkr CW (Morrison-NC)	
	8630	0842	WCC RCA Chatham R. MA CQ mkr CW (Forsman-CA)	
	8666	0824	KLC ITT Galveston R. TX CQ mkr CW (Forsman-CA)	
	8728.2	0301	KMI ATT Dixon R. CA Nat. Wx Svc&tfc list USB(Mellings)	
	8731.3	0245	WOM ATT Pennsuco R. FL OM wkg MV"Charlotte"USB(Stone)	
	8760	0540	NMG USCG New Orleans OM EE wx USB (Marge Witte-CA)	
	8762.3	1250	WOO ATT Oceangate R. NJ OM EE/SS vm DSB(Thompson-CA)	
	8765.4	1640	NMC USCG San Francisco YL CA coast wx USB(Owsley-CA)	
			2240* marine wx (Cunningham-CA)	
	8868	0148	WSY70 NY VOLMET OM wx AM(Morrison)(Witte)(Thompson-CA)	
	8890	0530	Travis AFB AHF15 OM EE aero wx AM (Witte-CA)	
	8989	0221	AFI McLellan AFB YL EE wkg Leman 94 USB (Compton-MA)	
		0325	AFES MacDill AFB OM EE R. ck w/CG#7486 USB(Morrison)	
		0845	AFES MacDill OM EE advisory tfc USB (Witte-CA)	
	8993	0155	AFES MacDill patching Virgo 43 to Charleston(Mellings)	
	10570a	0215	ATT NYC OM EE vm USB (Munster-GA)	
	10580a	1735	AFA Andrews AFB OM EE wkg AF2 SSB (Stock-NY)	
	12216	1634	KPA68 DCPA Bothell WA OM EE wkg KPA66 USB(Russell-IL)	
	12435.4	1300	WFE Houston TX YL EE wkg "Managua Surf"USB(Carlson-CA)	
	12432.3	1415	KHT Cedar Rapids IA OM wkg Esso Barcelona USB(Carlson)	
	12435.4	1505	KCU Ventura CA OM wkg Drillship #600 USB(Thompson-CA)	
	13190.7	0404	WOO ATT Manahawking NJ OM EE vm USB (Scott-OK)	
	13215	0437	AFA Andrews AFB MD OM wkg Air Force 2 LSB(Chabak-AZ)	
		1803	AFA OM EE patching AF Ops Ctr to AF1 LSB(Rankin-KS)	
	13356	2350	Houston ARINC OM wkg 53WC USB (Carlson-CA)	
	15015	1505	AFL Loring AFB OM EE wkg Navy LH09 USB (Rankin-KS)	
		1943	APG37 Scott AFB IL YL wkg MAC636 USB (Vranes-PA)	
	15540	2305	KKN50 State Dept Intell Svc DC mkr & tfc CW(Thompson)	
	16880.9	0254	NMC USCG San Francisco R. CQ mkr CW (Moran-PA)	
	17610a	1610	ATT Dixon CA OM EE vm USB (Munster-GA)	
	18019	1559	AFES MacDill AFB FL OM wkg Gull 15 & Win 8(Compton-MA)	
	18525	1743	KKN50 SDIS DC clg KCA30, wkg KSB52&TT3 CW(Rankin-KS)	
	19998a	2005	WFI27/WRK28/WRK30/WFM55/WFN52 PREWI NY QRA mkr CW (Compton-MA)	
	20610	1818	ECW21 Smithsonian AstroPhys Lab Cambridge MA OM EE wkg NATEL Brazil USB (Compton-MA)	
	22431	0200	WNU TRT Slidell R. LA CQ mkr CW (Gonzales-CA)	
	22449	1538	KPH ITT San Francisco R. ID mkr CW (Schipelliti-MA)	
	23217	2142	AFES MacDill AFB FL OM EE wkg Teal 07 USB(Russell-IL)	

CARIBBEAN

CAYMAN IS.:13582a 0242 C&WWI Georgetown OM EE vm AM(Osterman-OH) C&W says this sta inactive but Fred says he has heard it often during the past couple of months

CUBA: 10788 2135 CLN300 IRTS Havana SS R/T tfc ISB (Peggy Thompson-CA)

CUBA: 13765 1206 NAW36 AAC&R Guantanamo OM EE vm USB(Mellinger-NJ)
 CURAÇAO:8694 1051 PJC GRFA Curaçao R. CQ mkr CW (Forsman-CA)
 MARTINIQUE:6388.6 0800 FUF French Navy Fort de France V mkr CW(Forsman)
 16930a 2200 FUF French Navy Fort de France CQ mkr CW(Owsley-CA)
 22390.4 2029 FUF Fr. Navy F. de F. V mkr CW(Walters)(Schipelliti)
 PUERTO RICO:8945 0210 WWA3 San Juan aeradio OM EE wkg Viasa 704(Morrison)
 SWAN ISLAND:14792 1832 HKR6A NOAA(N.W.S.) OM wkg NOAA Miami(KVK) USB
 (Russell-IL) HKR6A seems to work KVK daily during the
 hurricane season--anyone have either address?

CENTRAL AMERICA

PANAMA CZ:4220a 0840 NBA USN Balboa CQ mkr CW (Forsman-CA)
 11176 0146 AHF USAF Albrook AFB OM EE wkg Teal 40(Fitzgerald-RI)

SOUTH AMERICA

ARGENTINA:17045.6 0158 LPD88 Gen. Pacheco R. V mkr CW (Moran-PA)
 BRAZIL:17160 2358 PWZ USN Pernambuco V mkr CW (Hardester-CA)
 17162 2009 PPO EMBRATL Olinda Pernambuco R. ID mkr CW(Walters)
 22530a 2139 PWZ USN Pernambuco R. V mkr CW (Schipelliti-MA)
 CHILE: 4380a 1133 CCS Armada(Navy) Santiago HHH CCS rptd CW(Thompson-C)
 COLOMBIA:13087.5 1954 HKB ENTEL Barranquilla R. CQ mkr CW(Vranes-PA)
 ECUADOR:7600 0445 HD210A INOCAR Guayaquil OM SS time sigs AM(Scott-OK)
 13950 1646 HCU51 US M.A.G. Quito OM wkg Albrook AFB LSB(Russell)
 URUGUAY:10770 0411 XML24 S/T Montevideo YL SS time sigs USB(Chabak-AZ)
 VENEZUELA:6100 0727 YVTO Obs Cagigal Caracas OM SS time AM(Thompson-CA)

EUROPE

BELGIUM: 8652 0131 OST42 RIT Ostend R. V mkr CW (Moran-PA)
 BULGARIA:10090 0725 PTT Sophia YL Bulgarian vm USB (Witte-CA)
 CZECHOSLOVAKIA:3170 0255 QLB5 Astro Inst Prague time tick CW(Mellinger-NJ)
 16897.5 1835 OMP CSPD Prague R. V mkr CW (Herkimer-NY)
 18400 1304 OMZ ForMin Prague QRA QRU mkr CW (Stein-NJ)
 DENMARK:22459 1546 OKX293 DGPT Lyngby R. CQ mkr CW (Schipelliti-MA)
 ENGLAND:1869 0620 GKZ BPO Humber R. OM EE tfc AM (Proom-ENGLAND)
 5680 0643 Fishguard Harbour Rescue R. cks AM (Proom-ENGLAND)
 6568 0625 BOAC London LD Control YL wkg Speedbird82 USB(Proom)
 8612 0110 GLO20 RN Ongar R. GLO20/GYC mkr CW (Moran-PA)
 9025 0502 MKL RAF Tynemouth coded tfc CW (Stein-NJ)
 11176 0334 AJE USAF Croughton OM EE wkg T1GR USB (Chabak-AZ)
 FRANCE:13288 0251 Paris Aeradio (Orly) OM EE wkg Air France 11(Compton)
 16876.1 0328 FUG Navy La Regine R. V mkr CW (Moran-PA)
 17180 1730 HWN Naval HQ Paris V mkr CW (Coleman-MA)1850(Granone)
 18875a 0820 FTS Paris OM FF/EE/GG vm USB (Munster-CA)
 22673.5 1831 FFL91 S. Lys R. OM FF tfc USB (Carlson-CA)
 GERMANY, E.:8660 0141 DHS M.P.T. Ruegen R. V mkr CW (Moran-PA)
 GIBRALTAR:8625 0401 GYU RN ID mkr CW (Watts-IN)
 GREECE: 8704 2155 SVA4 HTO Athens ID mkr CW (Walters-NJ)
 HOLLAND:8952 0157 KLM LDOC Amsterdam OM EE wkg KLM42 USB(Fitzgerald-RI)
 HUNGARY:12963 2158 HAR MAHART Budapest Naval R. call mkr CW(Herkimer-NY)
 IRELAND:8833 0135 Shannon VOLMET wx AM(Stone)(Kerrigan)
 8945 0517 Shannon Aeradio CM EE wkg Jamaica CO1 USB(Stein-NJ)
 ITALY: 3090 0320 IDR6 Navy Air Defense Rome V mkr CW (Boehm-TX)
 16005 0139 IDR5/6 Navy Rome V mkr CW (Moran-PA)
 17105 0218 IRM Rome Medical R. V mkr CW (Moran-PA)
 20340 2335 IRS24 ITALCABLE Rome YL EE, It/FF/SS vm SSB(Schipelliti)
 NORWAY: 9980 0326 LCJ Norsk R. Presse Jelly CQ mkr CW (Osterman-CH)
 13980 2308 N.T.A. Rogaland R. YL EE vm, wx USB (Compton-MA)
 17199.2 0032 LFU N.T.A. Rosaland R. CQ mkr CW (Hardester-CA)(Moran)
 PORTUGAL:8469 0313 CUL6 CPRM Lisbon R. CQ mkr CW (Watts-IN)
 SCOTLAND:5680 0654 Edinburgh Rescue CM EE wkg Airline 24 USB (Proom-ENG)
 SPAIN: 22446 1525 EAD6 ENTEL Aranjuez R. CQ mkr CW (Schipelliti-MA)
 SWEDEN: 1778 2140 SDJ A.C.T. Stockholm R. CM EE wx AM (Proom-ENGLAND)
 10287.5 0411 S.T.A. Stockholm CM EE vm //6876.2 DSB (Witte-CA)
 SWITZERLAND:8601.5 0051 HEB Berne R. CQ mkr CW (Moran-IA)
 USSR: 10132a 0250 RCV Navy Moscow V mkr CW (Fitzgerald-RI)
 13959.8 0230 R. Moscow RR feeder USB (Laskowski-MI)
 22330a 1601 UMN/UMV MinCom Murmanski R. CQ mkr CW (Rankin-MS)
 22443 1555 YUR3 PTT Rizeka R. CQ mkr CW (Schipelliti-MA)

AFRICA

ANGOLA: 8565 0925 D3E2 DSCT Luanda R. CQ mkr CW (Herkimer-NY)
 AZORES: 8945 0519 CSY Santa Maria Aeradio OM EE wkg Caledonia676(Stein)
 CONGO: 10073 1527 Brazzaville VOLMET OM FF aero wx AM (Thompson-CA)
 DIEGO GARCIA:11263a 0125 NKW USN OM EE wkg IAJV SSB (Osterman-OH)
 DJIBOUTI:8566 2000 FUV French Navy Djib City V mkr CW(Trochimczyk-FRG)
 IVORY COAST:13862.5 0703 TUP38 INTELICI Abidjan YL EE vm DSB (Witte-CA)
 LIBYA: 8959 0035 Tripoli Aeradio OM EE wkg Khartoum USB(Fitzgerald-RI)

MALI: 12255 0710 TZA512 T.I.M. Bamako YL EE vm AM (Witte-CA)
CAMEROON:7555a 0715 S.T.I.G. Yaounde YL FF vm USB (Munster-GA)
SENEGAL:8690 0819 6VA OFIPOSTEL Dakar R. CQ mkr CW (Forsman-CA)Herkimer)
 8882 0300 FIR Dakar Aeradio OM EE wkg Springbok 226(Fitzgerald)
 8992.5 0515 6WV Fr. Navy Dakar-Hann R. V mkrCW(Stein-NJ)(Pettit-IA)
 11120a 0805 6VK-- TELESENEGAL Dakar YL EE vm USB (Witte-CA)
SO.AFRICA:5000 2359 ZUO NPRL Pretoria time tick CW (Cucura-PA)
 8604.5 1952 ZRH Cape Naval R. XXX-Vmkr CW (Trochimczyk-W.GERMANY)

ASIA

CHINA: 8514 1143 XSQ Canton R. CQ mkr CW (Pogue-CA)
CYPRUS: 4910 0214 KWS78 US Embassy Nicosia QRA mkr CW (Compton-MA)
 8738.4 1928 5BA CTA Cyprus R. OM EE/Gr vm USB (Trochimczyk-FRG)
HONGKONG:8903 1543 VOLMET OM EE aero wx AM(Hayes-BC)1015 time(Durnavich)
 13193.8 1606 C&W Cape d'Aguiar OM CC/EE tfc USB (Carlson-CA)
INDONESIA:8630a 1947 9MB Navy Jakarta V mkr CW (Trochimczyk-FRG)
JAPAN: 8903 0910 Tokyo VOLMET OM EE aero wx AM (Marge Witte-CA)
 10000 1259 JJJ M.F.T. Tokyo YL EE time sigs AM(Peggy Thompson-CA)
 15000 1600 JJJ M.F.T. YL EE time, under WVVH AM(Lani Pettit-IA)
KOREA, N.:13580 0356 HMS19 KCWT Pyongyang CQ mkr CW (Beal-WA)
KOREA, S.:8577 1955 HLO MinCom Seoul R. CQ mkr CW (Trochimczyk-FRG)
PHILIPPINES:8993 1326 AIC Clark AFB OM wkg Gubi Base Ops USB(Chabak-AZ)
SAUDI ARABIA:8990 0225 Jeddah LDCC OM EE wkg Saudi 4141 USB (Russell-IL)
SINGAPORE:8709 1931 9VG78 Singapore R. CQ mkr CW (Trochimczyk-FRG)
 8730a 1241 GXM UK COMCEL YL & OM ops w/ tfc USB(Thompson-CA)
 13147.3 1241 9VG66 T.A.S. YL EE vm USB (Carlson-CA)
TAIWAN: 8445 1121 XSX Keelung R. CQ mkr CW (Pogue-CA)
TURKEY:12736.5 2035 TAH PTT Istanbul R. CQ mkr CW (Vranes-PA)
USSR: 19090 1524 RIW Khiva Naval R. clg RMSU CW (Compton-MA)

OCEANIA

AM.SAMOA:20878.5 0309 KUQ20 G.A.S. Pago Pago YL clg Rarotonga LSB(Carlson)
AUSTRALIA:6680 1503 VLS Sydney VOLMET OM EE aero wx (Peggy Thompson-CA)
 8975 0738 AXH RAAF Townsville YL EE wkg W251 USB (Chabak-AZ)
 12000 0544 VNG Telecom Australia OM EE time AM (Scott-OK) 0605
 (Proom-ENGLAND) 0722 (Witte-CA)
 12290 1605 R. Australia EE feeder USB (Carlson-CA)
 12994 0028 VIP4 OTC Perth R. V mkr CW (Watts-IN)
 16918.5 0341 VHP RAN Canberra V mkr CW (Moran-PA)
 17161.3 0010 VIS6 OTC Sydney R. V mkr CW (Hardester-CA)
 22488 2252 VHP RAN Master Station Canberra V mkr CW(Schipelliti)
HAWAII: 8760 0547 NMO USCG OM EE Pacific maritime wx USB (Witte-CA)
 13201 0315 AGA Hickam AFB Oahu OM EE Foxtrot boat USB(Fitzgerald)
 15000 0557 WVVH Kauai time sigs YL EE AM (Pavelka-NY)
NEW CALEDONIA:8645 0835 FUJ French Navy V mkr CW (Forsman-CA)
 8678 0640 ZLP RNZN Himatangi V mkr CW (Lani Pettit-IA) 0822
 (Forsman-CA) 1932 (Trochimczyk-FRG)
 8737.5 0533 NZPO Wellington R. OM EE vm USB (Lani Pettit-IA)
 17127.2 0404 ZLP2/4/5 RNZN Irirangi V mkr CW (Moran-PA)
 22533 0240 ZLE NZPO Awarua CQ mkr CW(Gonzales-CA)2118(SchipeIiti
 -MA) 2035 (Walters-NJ)

TAHITI:17400a 0332 FUM French Navy Papeete-Mahina R. V mkr CW(Fitzgerald)

UNIDENTIFIED

5010 0313 EVU: "VVV VVV DE EVU EVU EVU" CW(Vranes-PA)Byelorussia call
 6811a 1809 "Zero" OM EE wkg "Warner" USB (Stock-NY)
 7690a 0427 "55" & "76" US M11 stas, "hunting eddies" USB(Hauser-TN)
 8098.9 1235 MJF, call sign mkr, also hrd at 1512z CW (Peggy Thompson-CA)
 8470a 1558 4PB time tick LOUD pips for 30 secs @ 1600 (Thompson-CA)
 8989a 0443 BRR: "VVV DE BRR" under McClellan CW (Morrison-NC)
 11375a 1515 OM EE/Chinese vm, phonet.: "PLIT ATTU Radphone sta(Thompson)
 14625a 2005 ROL ID QRU mkr CW (Compton-MA)
 18525a 1750 KSB52 wkg KKN50 CW QTH? (Rankin-KS)
 20379a 0049 "VVV TY3" V mkr CW (Schipelliti-MA)

SHIPS

4067.5 0414 USS Coral Sea OM wkg ICSSB1 San Diego patch USB (Chabak-AZ)
 4637.5 1230 "Zapata Concord" drill rig w/ drilling rpt USB (Blaiuze-LA)
 5080 0336 USS Roanoke OM EE wkg PLEAD Control USB (Chabak-AZ)
 0347 USNS Lipan OM EE wkg PLEAD Control USB (Chabak-AZ)
 6200 0330 NSCC USCGC Durable OM EE clg NMG USB (Hauser-TN)
 6506.4 0255 NNGR CGC Tamaroa wkg MNM USB(Chabak-AZ) 0256 (Pogue-CA)
 0337 USCGC Mobile Bay(buoy tender) OM wkg NMS USB (Brick-TX)
 0513 NFMC USS Mars OM EE wkg NMC USB (Pogue-CA)
 6716 0352 HMCS Ottawa OM EE clg Halifax Military USB (Chabak-AZ)
 8390a 0029 PCOB "Aludra" wkg PCH 41 CW (Fitzgerald-RI)
 12330a 0344 "British Reservation" OM EE clg Portishead USB (Carlson-CA)
 12336.2 1732 HOOE liner "Oceanic" OM EE clg WOO USB (Carlson-CA)

12357.9 1420 NTUG American Explorer OM EE wkg WOO USB (Carlson-CA)
 16474 2030 Queen Elizabeth II YL EE wkg WOG USB (Stone-ONTARIO)
 16587 1820 WHML SS Exxon Boston OM EE wkg KHT USB (Granone-NM)

AIRCRAFT

5624 0420 Air Canada 854 OM EE wkg Frobisher Aeradio USB(Fitzgerald-RD)
 5696 0443 AF Rescue 50986 OM EE wkg CG#1452 USB (Chabak-AZ)
 8959 0116 Sudan Air 229 OM EE clg Khartoum aeradio USB(Fitzgerald-RI)
 8965 0444 Aeroflot 343 OM EE clg Boyercs aeradio Cuba USB(Fitzgerald)
 8989 0505 SAM86972 OM EE wkg Travis AFB patch to "22nd" USB(Pogue-CA)
 1635 MAC60405 OM EE wkg McClellan AFB USB (Lani Pettit-IA)
 8993 2145 Teal 14 OM wkg Miami Monitor via MacDill AFB USB(Russell-IL)
 9007 1935 AIR FORCE ONE OM EE wkg AFOC via CROWN&AFA LSB (Russell-IL)
 2240 SAM26000(AFI Backup) OM wkg SAM86970 LSB (Russell-IL)
 9018 1303 HIP491 OM EE wkg Albrook AFB AMF4 USB (Stock-NY)
 11182 0217 Swing 92 OM wkg Scott patch to Travis Base Ops USB(Fitzgrad)
 2137 Gray Ghost 010 OM EE wkg Scott AFB (Russell-IL)
 11234 2340 Red Cross 38 on ground Managua OM wkg RAF Belize USB(Russell)
 13207 0148 Gull 15 OM EE wkg MacDill patch to Keesler Ops USB(Chabak-AZ)
 13215 1620 AF2 OM EE wkg EXAMINER via Andrews AFB LSB (Russell-IL)
 1630 SAM86971 en route HongKong OM wkg Andrews LSB (Russell-IL)
 1805 Air Force One OM wkg AFOC Andrews AFB LSB (Rankin-KS)
 5673 0315 Atl. 606 OM EE wkg Gander Aeradio USB (Munster-GA)
 8989 1757 Bongo 22 OM EE wkg MacDill AFB USB (Compton-MA)
 2242 Air Force 3325 OM EE clg McClellan AFB USB (Compton-MA)

TACTICAL

5080 0321 Plead Control Pt Mugu CA NAS OM wkg USS Haleakala USB(Chabak)
 8582a 1741 FOMAR 09 OM EE wkg FOMAR 12 USB (Stock-NY)
 9014 0213 NOTE 5087 OM EE wkg Raymond 7 USB (Stock-NY)
 9027 0200 EMBLEM MARIE BAKER OM wkg ACTIVATOR & DESIRABLE USB(Stone-C)
 11239 0532 AFI CORNMEAL(McClellan AFB) Foxtrof tfc USB(Peggy Thompson-O)
 11243 2239 RE053 OM wkg DESIRABLE patch to Ellsworth AFB USB(Fitzgerald)
 11494 1800 ASTROUD OM wkg ADOPTION 19 (SAC freq "L") USB (Russell-IL)
 13244 0130 FISHEAD CONTROL OM EE clg FISHHEAD 60 USB (Chabak-AZ)
 13710 1604 AUTOBUS OM EE clg Andrews AFB USB (Russell-IL)
 15038 1445 WALKOUT OM EE clg Elmendorf AFB USB (Russell-IL)
 1542 FENLOCK OM EE clg Elmendorf AFB USB (Russell-IL)
 15041 0120 BRACELET OM EE clg SKYKING USB (Stone-ONTARIO)
 17975 1543 CYCLER OM EE clg JUDGE 33 on SAC freq "T" USB (Russell-IL)
 18009a 2205 LEMON 1 OM wkg Picopay Comms (duplex: 15021) LSB(Russell-IL)
 18385a 1718 CANARY OM EE wkg BIRDNEST USB (Russell-IL)
 18666a 2147 HARPOON FAITHFUL OM EE clg WATCHDOG USB (Stock-NY)

SFPLY NUMBERS STATIONS

3060 0100 YL SS "Atención 509 60 30" 5-d grs AM 8/4/79 (Watts-IN)
 0200 YL SS "Atención 015 100" 5-digit grs AM 8/7/79 (Watts-IN)
 3090 *0111 YL SS 5-d repeat of 3060 0100 8/4 xmsn AM 8/4/79 (Watts-IN)
 "Atención 017 100" 5-d 7/22, "Older"YL 5-d 0403 7/24(Watts)
 4670a 0100 YL SS "54 5" rptd only, reported hrd on manydates by(Scott-OK)(Cunningham-CA)(Duran-NJ) (Kerrigan-IL)(Stone-ONT)(Watts-IN) 5-d groups hrd by(Stein-NJ)(Kasprzyk-TX)(Watts-IN) "54 5" xmsns most frequently hrd on Tuesdays & Thursdays.
 5746a 0306 YL GG 3-d gr, 1-10 count, 5-d groups USB(Fitzgerald-RI)
 5810a 0312 YL SS "54 5" repeated 0313*, same 0400-0410 AM 7/20(Watts)
 0300 YL SS "339 1234567890" 0310z 10 tones "Grupo 141" 4-d grs 0322 "Repeto Grupo 141" msg rptd "Fin" 0335* AM7/27(Nida-MN)
 0333 YL SS 5-digit groups "Fin" 0337* (Boehm-TX)(Munster-GA)(Mines)
 6752a 0832 YL SS 5-digit groups AM (Devendorf-CA)
 6774a 0615 YL SS 5-digit groups "Final" 0622* 6/30/79 (Scott-OK) same on 7/21, & 0619 8/4/79 (Munster-GA) Also 6833 7/26(Munster)
 6856a 0739 YL GG 5-digit groups USB 7/10/79 (Stein-NJ)
 7323a *0700 YL SS "Atención 000 20" 5-d, "N"CW, 0705* 7/7/79(Munster)
 7342a 0703 YL SS "Atención 864 30" 5-d, xmsn broken off 7/30(Munster)
 7374a 0823* YL SS 5-d, "Finis" AM 6/19 (Scott-OK)0821 7/17(Munster-GA)
 7412a 0415 YL SS 5-digit groups AM 7/19/79 (Durnavich-IL)
 7525a 0540 YL SS 5-d AM 7/2/79(Latteman-WA) 0740 7/24(Devendorf-CA)
 7585a 0701 YL SS "Atención 801" no msg "Final Final"0704 7/22(Munster)
 7976a 1027 YL SS 5-digit AM 6/12/79 (Scott-OK)
 8860a 0717 YL SS "Atención: 651-105" repeated 7/19/79 AM(Thompson-CA)
 8870a 0518 YL SS 5-digit groups AM 6/18/79(Pettit-IA)0700 6/12(Gaede)
 9460a 0610 YL SS "Atención 917 20" 5-d AM 8/5/79 (Kerrigan-IL)
 9865 0215 YL GG 5-digit groups "Ende" AM 7/13/79(Wilkinson-MANITOBA)
 9923a 0835 YL SS 5-digit groups "Final" AM 7/22/79 (Holmes-TX)

Send SASE & 12@ loose stamps(copying cost) for c. 60 unused # loggings.
 Send SASE & 12@ loose stamps for c. 35-40 unused RRTY loggings.

QSL REPORTS

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

September has arrived, and soon most of us can stop cutting our lawns. Never fear, Nature will provide. Just look up at all those leaves. It won't be long before we'll be seeing them "close up" at the end of a rake.

In a letter, forwarded by Colorado Association of DXers, Mr. G. G. Thiele outlines the new QSL policies of Deutsche Welle. In essence he states that the number of reception reports have increased to the extent that an overload of work has occurred. Due to this, they will no longer be able to provide date, time, frequency, and location of transmitters on their QSL cards. He also states that prepared cards, by listeners, cannot be accepted. In order to speed up their reply, a self addressed envelope will help. It is not necessary to send postage. Mr. Thiele asks that all listeners please try to understand their position.

From Mike Hardester comes the information that the name of the Chief of External Services for Radio Thailand is Ramyong Sakornpan. Perhaps, this person would be a good contact for those of us who might be able to hear one of their transmissions.

Ed. Kusalik checks in with a QSL from Reunion Island, and others have received verifications from The IMO Broadcasting Service of Nigeria as well as the new Costa Rican station, TIRL.

A great number of reports from 75 reporters, 4 for the first time. Keep up the good work, and I will try to report what you send in.

Away we go !

Europe

- ANDORRA: R. Andorra, 6215, f/d Mountain Scene with Antennas and Young Couple cd in ?d sfc, for 1 IRC (DONAHUE CT)
- AUSTRIA: ORF, 9770, 15260, F/d cds in 17-87ds air, for 1 IRC and no rp. "Sail with Castle" (PHILLIPS CT), "Adam" (DURNAVICH IL), "Lovers" (WAGNER PA), "Contemporary Art" (MCCURDY CA), "City of Vienna" (OAKLEY CA), no desc. (FALLOWS ONT)
- BELGIUM: BRT, 11715, 15170, 15175, 21475. F/d cds and a ltr. in 33-82ds air and sfc for 1-3 IRCs and no rp. Club Member ltrs. (MELLINGER NJ)(MILLER CA)(OAKLEY CA)(DURNAVICH IL), Brown Logo (SCOTT OK), Pink cd with Black Ltrs. (SMITH FL)
- BULGARIA: R. Sofia, 9705, 15185, 15330. F/d cds in 31-61ds air, no rp. "New Nessebur" (WIRSZ BC)(SMITH FL), "View of Zlanti" (HOLBROOK MD)(WILLIS PA)
- CZECHOSLOVAKIA: R. Prague, 7345, 9540. F/d cds in 28-105ds air, no rp. "Zdokor Bridge" (SMITH FL), "Orava Castle" (COLGAN TX), Castle drawing (KERN CA), "Ruins of Trosky Castle" (SMITH FL), Stylized Church (MUNSTER GA) It is interesting to note that Ralf's verification material arrived in 3 stages over a time period of 105ds. bd
- DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cds in 24-30ds air, for 2 IRCs, no rp. (MAISE LA)(ZIMMER MO)(SCOTT OK)
- FINLAND: R. Finland, 15265, no/data Glass Making cd in 42d air, no rp (DIECKMANN MO), 15270, same cd in 25d air, no rp (MAISE LA), Summer in Finland f/d cd in 13d air, no rp (DIECKMANN MO), 15400, f/d Finnish Industry cd in 32d air, no rp (AUDETTE MA), 17785, no/data Finnish Architecture cd in 48d air, for 2 IRCs (PHILLIPS CT)
- FRANCE: R. France International, 17720, f/d "Maine-Montparnasse RR Station" cd in 44d, no rp (MUNSTER GA), 17850, date only ltr. in 34d air, no rp (MILLER CA), 21580, f/d Art and Culture Centre cd and pennant in 25d air, no rp (ZIMMER MO)
- GERMANY (Democratic Rep.): R. Berlin International, 11805, f/d Building cd in 115d air, for 1 IRC (MILLER CA), 11840, f/d cd in 40d air, no rp (ZIMMER MO), 11890, f/d "Goethe" cd in 70d air, no rp (DURNAVICH IL)
- GERMANY (Federal Rep.): Deutsche Welle, 9650, no/data Logo cd with sticker in 25d sfc, no rp (FISCHER GERMANY), 11865, no/data Antenna Farm cd with sticker and stamps in 71d air, for 1 IRC (PHILLIPS CT), no frequency reported no/data Antenna cd in 34d air, no rp (ZIMMER MO)
- R. Liberty, no frequency reported no/data Map cd in 66d air, for 2 IRCs (DURNAVICH IL) (Ed. note: Please report frequencies as reported to station even though the frequency might not be indicated on your verification.

.. Zip code speeds your mail to its first bottleneck ..

GERMANY(Federal Rep. continued): Sender Freies Berlin, 6190, date/frequency form cd with schedule in 6mths. air, for 4 IRCs (KUSALIK ONT)

GREAT BRITAIN: BBC, 9580, no/data "Bush House Strand" cd in 35d sfc, no rp (OAKLEY CA), 15070, no/data WRC cd in 5mths. sfc, no rp (HOLMES CO)

VOA Relay Woolferton, 7200, f/d 4 Seasons cd in 9d sfc, no rp (CHINAKOS WA)

GREECE: V. of Greece, f/d plain cds, and form ltrs. in 30-35ds air and sfc, for 1-2 IRCs no rp. 9530, 11730. (STONE ONT) (CUNNINGHAM CA)(FISCHER GERMANY)

VOA Relay Kavala, 7170, f/d 4 Seasons cd in 22d sfc, no rp (Oexner Germany), 15160, f/d American Scenes cd in 9d air, no rp (SCOTT OK)

VOA Relay Rhodes, 7110, f/d 4 Seasons cd in 22d sfc, no rp (Oexner Germany)

HOLLAND: R. Nederland, 6045, f/d Antenna cd in 11d air, no rp (FISCHER GERMANY), 17695, same cd in 15d air, no rp (SMITH FL)

HUNGARY: R. Budapest, 9833, 17710, 15225. F/d cds in 30-60ds air and sfc, for 1 IRC and no rp. Picture of Budapest (AUDETTE MA)(ZIMMER MO)(WAGNER PA)(DIECKMANN MO)(HOLBROOK MD), Globe cd (PHILLIPS CT)

ICELAND: R. Reykjavik, 12175, f/d no desc. cd in 18mths. (NEUMANN AZ)

ITALY: RAI, 9575, f/d Italian Boy cd in 60d sfc, no rp (McKINNEY PA), 15315, f/d Ladorazione dei Pastori cd in 68d sfc, no rp (MILLER CA)

RAI Sicily, 7175, f/d "Venere Dormiente" cd in 34d sfc, for 2 IRCs (DURNAVICH IL)

MALTA: Deutsche Welle Relay, 11865, no/data Logo sticker cd in 73d air, no rp (SCOTT OK) R. Mediterran, 9670, f/d form ltr. in 3mths. air, no rp (MIKELL IL)

MONACO: TWR, 9610, f/d Map cd in 43d air with pennant, for 2 IRCs (HASSELKUS OH)

NORWAY: R. Norway, 9645, f/d "Lake Gjende" cd in 55d air, no rp (WIRSZ BC), 15175, f/d Ferry Boat on Fiord cd in 30d air, no rp (AUDETTE MA)

POLAND: Polskie R. 9525, 9645, 11815, 15120. F/d cds in 23-150ds air and sfc, for 1-2 IRCs, no rp. Lake and Sailboat (FISCHER GERMANY)(HESCH NY)(HOLBROOK MD)(CUCURA PA) (BYRON NY)(WITTE CA), Three Runners (ZIMMER MO)(McKINNEY PA), Nuclear Powerplant (MILLER CA)(DIECKMANN MO)

PORTUGAL: R. Portugal, 6025, f/d Sunflower cd in 22d air, no rp (MILLER CA), 11935, f/d Sunflower cd in 24d air, no rp (MILLER CA), 15170, f/d Sunflower cd in 16d air, for 1 IRC (HESCH NY)

ROMANIA: R. Bucharest, 5990, 9570, 17710. F/d cds in 54-120ds air and sfc, no rp. Cumpana Chalet (AUDETTE MA)(LATTMANN WA)(MOORE PA)(SMITH FL), Bran Castle (MORAN PA), Drawing of Bucharest (SMITH FL)

SPAIN: R. Exterior de Espana, 9520, f/d "Isla Baleares" cd in 30d air, no rp (SMITH FL), 9630, same cd in 45d air, no rp (MILLER CA), 11880, f/d "Ibiza" cd in 27d air, no rp (DIECKMANN MO)

SWEDEN: R. Sweden, 11705, 15275. F/d cds in 10-35ds air, no rp. Blue/yellow Map (HAYES BC)(SEARLES IA)(BEEMAN OH)(SEMESKY IN), Northern Lights (LOREN CA)

SWITZERLAND: Red Cross Broadcasting Service, 7210, no desc. f/d cd in 23d air, for 2 IRCs (CUCURA PA)

SRI, 9535, 9725, 11715, 15305, 21570. F/d cds in 19-63ds air and sfc, for 1-2 IRCs, no rp. "Lake Locurno" (FISCHER GERMANY), A Mountain Scene (HASSELKUS OH)(PHILLIPS CT) (CUNNINGHAM CA)(SEMESKY IN)(BEEMAN OH)(HOLBROOK MD), Village of Fribourg (DIECKMANN MO), Jungfrau Mountain (DIECKMANN MO), "Verbier Valais" (SMITH FL), Veri. scribbled on notebook paper in the bathroom at ANARC 1979, v/s Bob Zanotti (PETTIT IA)(McKinney PA) (EDDIE ?)

USSR: R. Kiev, 9830, f/d "Khmeinitzky Square" cd in 62d air, no rp (SMITH FL), 15405, St. Sophia's Cathedral cd in 52d air, no rp (HOLBROOK MD)

R. Moscow, 9490, 9530(Moscow)9600(Moscow), 11720(Moscow), 11720(Khoborouk), 11750,

(Lvov), 11770(Kiev), 11780(Lvov), 11780(Moscow), 11960(Kenga), 12030(Petropavlovsk-

Kamchatsky), 12030(Moscow), 12050, 15100(Moscow), 15150(Minsk), 15400(Moscow), 15425

(Petropavlovsk-Kamchatsky), 15455(Petropavlovsk-Kamchatsky), 15535(Moscow), 15679

(Voronezh), 17775(Armavir), 17835, 17880(Tula). F/d and date/freq. cds in 15-72ds air

and sfc, no rp. "Clock Tower", Anniversaries, Birch Trees, Tass Bldg. etc. (DIECKMANN MO)

(ZIMMER MO)(BYRON NY)(PIMBLETT ALB)(DURNAVICH IL)(MAISE LA)(PHILLIPS CT)(FRASER MA)

(COLGAN TX)(MILLER CA)(GEORGE TX)(MILLENGER NJ)(FOWLER ONT)(SMITH FL)(WIRSZ BC)(HOLBROOK

MD)(FISCHER GERMANY)(CLARK KS)(SCOTT OK) (Ed. note: don't furnish sites unless they

appear on your verification.

R. Station Peace and Progress, 12035, f/d Sketch of Russian City cd in 39d air, for 1

IRC (HASSELKUS OH), 21500, f/d Blue cd in 37d air no rp (HOLBROOK MD)

R. Vilnius, 17870, f/d Castle cd in 74d air, no rp (McLEAN NY)

. They may not have a cure yet for every illness, but they have a get-well card for it .



Sender Freies Berlin
Masurenallee 8-14
D-1000 Berlin 19
Telefon (030) 308-1
Telex 01 82 813

VATICAN CITY STATE: R. Vaticana, 6015, 11845. F/d cds in 18-70ds air and sfc, for 1 IRC, no rp. Antennas (HOLBROOK MD), 500KW Rotating Antenna (DIECKMANN MO), Pix of Pope Pius (MORAN PA), Transmission Centre (McKINNEY PA), Taping Studio (SCOTT OK)(MILLER CA)
 YUGOSLAVIA: R. Yugoslavia, 9620, f/d "Ohrid" cd in 95d air, no rp (WIRSZ BC), f/d Folder cd in 4mths. for 1 IRC (McDAVITT NY)

Africa

ASCENSION ISLAND: BBC Relay, 15400, f/d personal ltr. postmarked in FL in 20d sfc, for 3 IRCs returned, v/s Ned AbeTT (DURNAVICH IL)
 CAMEROON: R. Yaounde, 9745, Map cd in 5 weeks air, for 1 IRC (MOORE PA)
 CENTRAL AFRICAN EMPIRE: La Vox de Centrafricaine, 5035, date/time form ltr. in 1½ year, for MS, v/s J. A. Namagnina (LAZARUS LA)

EGYPT: R. Cairo, 9475, f/d Pyramids, and El Riffaie Mosque cds in 82-151ds air and sfc, for 2 IRCs and no rp (DIECKMANN MO)(CHINAKOS WA) (SCHILDER CA)

GABON: Rdif. TV Gabonaise, 4777, date/only Map cd in 237d sfc (HOPKINS PA) same cd in 58d sfc, for 2 IRCs (DEXNER GERMANY)

GHANA: GBC, 4915, f/d coloured border cd in 88d sfc, for 1 IRC (DEXNER GERMANY)

KENYA: V. of Kenya, 4934, date/freq. Aerogramme in 44d air, for 1 IRC (HOPKINS PA)

LIBERIA: ELWA, 11930, f/d "Drummer" cd in 88d air, no rp (McLEAN NY)
 VOA Relay, 15445, f/d 4 Seasons cd in 14d air, no rp (FISCHER GERMANY)

MADAGASCAR: R. Nederland Relay, 11740, f/d 10th Anniv. and Authentic Costumes cds in 19-57ds air, no rp (AUDETTE MA)(SMITH FL)

NIGERIA: FRC IMO Broadcasting Service, 4755, f/d form ltrs. in 34-50ds air, for 1-2 IRCs, v/s J. Edohasin (McDAVITT NY)(CUCURA PA)(HOPKINS PA)(LOBDELL MA)
 V. of Nigeria, 15185, f/d Flag cd in 71d air, no rp (McLEAN NY)

REUNION ISLAND: ORTF/FR3, 2446, f/d FR3 Reunion cd and personal ltr. in 4 years, 6 weeks after 5th follow up. Rptd. in FF/EE and v/s P. Lehaut (KUSALIK ONT) FB Ed. sorry room did not permit my printing your QSL, but it will be featured next month. bd

RHODESIA: RBC, 3396, f/d large Map cd in 18d air with schedule, for 2 MS (KUSALIK ONT)
 SOUTH AFRICA: SABC, 4835, f/d "Industries" cd in 25d air, no rp (SCOTT OK), 4880, same cd in 22d, no rp (SCOTT OK)
 RSA, 9585, 9600(?), 9610, 15220, 25790. F/d cds in 18-30ds air, for 1 IRC and no rp. Table Mountain (FISCHER GERMANY)(HAYES BC)(SAVAGE CA)(SMITH FL)(FRASER MA), "The Drakensberg" (WILLIS PA)

UGANDA: UBC, 15325, f/d Studio Complex cd in 8mths. no rp (WITTE CA)

Asia

BANGLADESH: R. Bangladesh, 21670, f/d plain white cd in 74d air, for return postage, v/s Mabzuul Hosain (DEXNER GERMANY)

CHINA(People's Rep.): R. Peking, 11650, 15520, 17680(Beijing). F/d and date/freq. cds in 18-26ds air, for 1 IRC and no rp. Bridge and Mountain (HOLBROOK MD)(PHILLIPS CT), Logging Operation (MOORE PA), Modern Art (SMITH FL), Colourful Drawing (HAYES BC)

CYPRUS: CBC, f/d Collage centered around a nude bust by Harry Titcombe cd in 27d air, for 1 IRC, also folder on transmitter site (OLIVER MA)

INDIA: AIR, 11620, f/d "Mountain Deities" cd in 128d sfc, no rp (MORAN PA), same cd in 159d air, no rp (GEORGE TX), f/d Elephant Picture cd in 138d air, no rp, also sent schedule (BROWN IL)

IMO BROADCASTING SERVICE, OWFRII

Ref. No. FNG/RT/24/C1

Engineering Division,
P. O. Box 329,
Overri.
Date 21-6-79.....

William Mc Davitt
R.D.# 2 Box 141
Tomburg, New York, 13471
.....U.S.A.....

(IMO BROADCASTING SERVICE)

Dear Sir/Madam,

ACKNOWLEDGEMENT OF RECEPTION REPORT

I wish to thank you for your reception report which reached me on 19-6-79.....

2. I confirm that the programmes received were those of Imo Broadcasting Service for the Federal Radio Corporation of NIGERIA.

3. Our frequencies are 4755KHz and 6165KHz and meanwhile we operate from 5 am. - 10 am. 5 pm. - 12 pm. on the first frequency and 10 am. - 5 pm. on the second frequency.

4. The Transmitter has a power output of 100KW and uses Log Periodic Antenna.

5. Thanks for the interest you have shown in our programmes. I will get in touch with you, if need be, as soon as I overcome our present technical difficulties.

Yours faithfully,
 Thanks to:
 Bill Mc Davitt
 Chris Lobdell

J. Edohasin
 CHIEF ENGINEER.

ISRAEL: IBA, 11620, 11655, 15485, 15585, 17645. F/d cds in 53-78ds air, no rp. Folk-dancing (HOLMES CO)(MILLER CA), "Montefiore Windmill" (DIECKMANN MO)(HOLBROOK MD)(MILLER CA)

JAPAN: R. Japan, 9505, 15310, 15420, 17755, 17825, 21640. Date/freq. cds in 8-41ds air, for 1IRC and no rp. Mask of Woman (HASSELKUS OH), "Fachibina Dolls" (DURNAVICH IL)(SAVAGE CA)(CLARK KS)(MILLER CA)(HOLBROOK MD), "Hakata Dolls" (DURNAVICH IL), Evening Scene (MILLER CA)

KOREA(Dem. People's Rep.): R. Poyongyang, 9977, f/d "Revolutionary Opera" cd in 61d sfc with pennant, for 1IRC (HOPKINS PA), Scene of Moon and Hut cd in 85d air, with pennant, for 1 IRC (HOLBROOK MD), 11535, "Revolutionary Opera cd in 1 year 4 months, for 2 IRCs (LAZARUS LA)

KOREA(Rep.): R. Korea, 9580, 11830. F/d cds in 29-75ds air, for 1-3 IRCs and no rp. Standing Buddha (SCHWEIKART VA), Childrens Choir (GEORGE TX), Traditional Farmers Band cd with pennant (SAVAGE CA), Accessory for Women (CUCURA PA)

KUWAIT: R. Kuwait, 12085, f/d Folder cd with Sunset in 239d sfc, no rp (PISZCZEK NY), same cd in 70d air, for 2 IRCs (MAISE LA)

MONGOLIA: R. Ulan Bator, 5053, cd and paper pennant in 15 months, for 3 IRCs (NEUMANN AZ)

OMAN: BBC Relay, 11740, no/data "Tower Bridge" cd in 6 weeks air (MOORE PA)

PAKISTAN: R. Pakistan, 17640, date/only "Paradise Point" cd in 32d air, no rp (KERN CA)

PHILIPPINES: FEBC, 11765, f/d cd in 27d air, for 1 IRC (AUDETTE MA), no/data greetings type cd in 24d air, for 1 IRC, incorrect freq. listed (CLARK KS), 17810, Mural of the Philippines cd in 120d sfc, no rp (MORAN PA)

VOP, 9580, date/only "Telling of the new 9th" cd in 10d air, no rp (MILLER CA) (Ed. note: Their address is 15th floor Philcomcen Bldg. Ortigas Ave. Metro- Manila.

R. Veritas, 9590, 11955, 15215, 17790. F/d cds in 16-27d air, no rp."Indonesia" "Malaysia" "China" etc. cds (MILLER CA)(HAYES BC)

VOA Relay, 11715, f/d 4 Seasons cd in 36d sfc, no rp (OEXNER GERMANY), 15185, same cd in 34d air, no rp (TAGUE OK), 15425, time/freq. 3 Scenes cd in 11d air, no rp (SCOTT OK)

SINGAPORE: R. Singapore, 11940, f/d "Singapore by Night" cd in 38d air, no rp (KERN CA)

SRI LANKA: SLBC, 11835, f/d Radio Monitors International cd in 25d air, for 2 IRCs (DURNAVICH IL)

TURKEY: V. of Turkey, 7170, f/d "Love and Peace" cd in 37d air, no rp (FISCHER GERMANY), 11955, f/d cd of a Person in 41d air, no rp (MILLER CA)

VIETNAM(Socialist Rep.): 10040, 15009, 15012. F/d thin white cds in 38-150ds air, for 1-2 IRCs and no rp (OLIVER MA)(WITTE CA)(HOLBROOK MD)(MAISE LA)(PAVELKA NY)

Oceania

AUSTRALIA: ABC, 9660(Brisbane), 6090(Sydney)9610(Perth), 15425(Perth). F/d Blue Map cds in 16-120ds air and sfc, for 1-2 IRCs and no rp. (SCHWEIKART VA)(MIKELL IL)(SAVAGE CA)(CLAEK KS)

R. Australia, 9570, 9580, 9670, 9680, 11800, 11880, 17790, 17795, 21525. F/d cds in 17-121ds air and sfc, for 1 IRC and no rp. "Surfers Paradise", "Dingo Club" etc. (YAJKO PA)(FRASER MA)(CLARK KS)(HOLBROOK MD)(FISCHER GERMANY)(HAYES BC)(BEEMAN OH)(MELLINGER NJ)(SMITH FL)

GUAM: TWR KTRW, 11840, f/d cd in 3½ weeks, for MS (MOORE PA), f/d Ancient Relics cd in 26d air, for a 15¢ stamp (HOLBROOK MD), 15230, same cd in 120d air, for 3 IRCs after second follow up due to incorrect freq. (WITTE CA)

NEW CALEDONIA: R. Noumea, 7170, f/d blue/white logo ltr. in 50d air, for 1 IRC (WITTE CA), same in 53d air, for 3 IRCs (OAKLEY CA), 11710, date/freq ltr. in 98d air, for 1 IRC (CUCURA PA)

NEW ZEALAND: R. New Zealand, 17770, 17860. F/d cds in 19-40ds air, 1-2 IRCs. Totem Pole (OEXNER GERMANY), Shore and Mountains (PHILLIPS CT), Ranch and Mountain (SAVAGE CA), Scenic View (HOLBROOK MD)

PAPUA NEW GUINEA: 11880, NBC, f/d yellow/brown Map cd in 14d air, for IRCs (WITTE CA)

R. East New Britain, 3385, f/d Map cd in 25d air, for MS (HOFFMAN PA)

R. Manus, 3905, f/d Map cds in 21-36d air, for 1 IRC, v/s John D. Isinii (NEUMANN AZ)(MOORE PA)(WITTE CA)(HENSLEY TX)

R. North Solomons, 3322, f/d Map cd in 22d air, for 1 IRC (WIRSZ BC)

SOLOMON ISLANDS: SIBC, 5020, f/d black/white Logo cd in 23dair, for 1 IRC (HOPKINS PA), same cd in 117d air, no rp (SMITH FL)

Antarctica

AFAN McMurdo, 6012, white cd with penguins in 7 months, 4 weeks after follow up, sfc, for MS, v/s Paul McQuillan (KUSALIK ONT)

... Most people know how to say nothing, but few know when ...

South America

ARGENTINA: RAE, 11710, f/d blue/black Logo cd in 2½ years, after follow ups and tape recordings sent, for total of 10 IRCs (KANA GA)
 R. El Mundo, 6120, date/only blue-white microphone cd and stickers in 1mth, for SS rpt and 2 IRCs (MOORE PA)

BRAZIL: R. Aparecida, 5035, f/d ltr. in 6mths air, for MS (LAZARUS LA)
 R. Difusora do Amazonas, 4805, f/d Sunset postal cd in 25 weeks air, no rp, v/s Expedito Monteiro (HOWARD CA)
 R. Guaiba, 5965, no/data green/white cd with veri. statement in 18d air, for MS, v/s Paulo Deniz (HOFFMAN PA)
 R. Nacional(R. Bras), 15280, 15290. F/d white cds, and no/data ltrs in 17-60d air, for 1-2 IRCs and no rp. (STONE ONT)(SYLVESTER TX)(MCLEAN NY)(LOREN CA)(MILLENGER NJ)(BEEMAN OH)(MORRISON NC)(CHINAKOS WA)(DIECKMANN MO)(PAVELKA NY)(MILLER CA)
 R. Educacao Rural Santarem, 4765, time/only form ltr. in 138d air, for 1 IRC, v/s Edinaldo Luiz da Mota (MOORE PA), same in 4mths. air, for MS not used (LOBDELL MA)

BOLIVIA: R. Fides, 4845, no/data veri. statement on postal cd of La Paz in 36d air, for MS, v/s Eduardo Perez Irbarne (MOORE PA), same in 32d sfc, for 1 IRC (FISHER MA), same in 35d sfc, for 1 IRC (HOPKINS PA)

CHILE: La Voz de Chile, 11765, 17800. F/d cds in 41-45ds air, for 1-2 IRCs."Santiago" (SCOTT OK), Evening Mountain Scene (HASSELKUS OH)(PHILLIPS CT)

COLOMBIA: Ondas del Darien, 6085, veri. ltr. for taped rpt. in 5 weeks air, for MS returned, v/s Manuel Cardona Agudelo (LOBDELL MA)
 R. Guatapuri, 4815, date/only ltr. and pennant in 45d sfc, for 2 IRCs (DURNAVICH IL), same in 143d air, no rp (MOORE PA), same in 38d sfc, for 1 IRC, v/s Dalvis Larrazaban M. (HOPKINS PA)
 Emisora Meridiano 70, 4925, date/only ltr. in 35d sfc, for 1 IRC, also pennant, v/s Manuel Humberto Lopez Sanchez (HOPKINS PA)

CUAADOR: HCJB, 9745, 11740, 11915, 21480.F/d cds in 30-201ds air and sfc,for 1 IRC, no rp. (OAKLEY CA)(PHILLIPS CT)(AUDETTE MA)(SMITH FL)(HOLMES CO)(FALLOWS ONT)(YAJKO PA)
 La Voz de Galapagos, 4810, freq./only Three Scenes cd in 39d sfc, for MS, v/s Padre Raul Pinto (HOFFMAN PA), pennant only in 43d sfc, for MS (HENSLEY TX) They left a little something out, did they not Baxter bd
 Onadas Azuayas, 4980, f/d cd and red/white pennant in 3mths. air, for used MS, v/s Dr. Jose A. Cardoso F. (LOBDELL MA)
 R. Quito, 4920, no/data blue/white folder Logo cd in 30d sfc, for 1 IRC (HOPKINS PA), same but with freq. in 20d air, for 1 IRC(OEXNER GERMANY), same cd, but with no/data, v/s Jose Almeida, in 30d sfc, for 1 IRC (HOPKINS PA)

PERU: R. Victoria, 6020, f/d plain cd in 101d air, for MS (HOWARD CA)

SURINAME: 4780, cd and ltr. in 6mths. v/s Edith Russel (NEUMANN AZ), 4850, f/d ltr. and cd in 108d air, for 1IRC (RADCLIFF IL)

URUGUAY: R. Carve, 6155, date/only veri. ltr. in 5wks. air, v/s Graciela Corradi (LOBDELL MA)
 S. O. D. R. E. 9515, no/data Flag cd in 400d sfc, no rp (WIRSZ BC)

VENEZUELA: R. Juventud, 4900, date/freq. dancing teenagers cd in 135d sfc, no rp (OXNER GERMANY)
 R. Rumbos, 4970, f/d cd for election coverage in 5mths. (NEUMANN AZ)

North America

ANTIGA: Deutsche Welle Relay, 9545, no/data sticker cd in 50d sfc, no rp (COLGAN TX), 11800, no/data Decal cd in 56d air, no rp (HOLBROOK MD)
 BBC Relay, 6175, no desc. cd in 6 weeks (MOORE PA)

COSTA RICA: R. Noticias del

Continente, 9615, f/d white Logo cd in 15d air, for 2 IRCs (LATTEMANN WA), same in 21d air, for 1 IRC (TAGUE OK)
 R. Reloj, 4832, time/freq. "Aquí Costa Rica" cd in 27d (MUNSTER GA)
 TIFC, 5055, f/d Microphone cd in 100 d air, for 2 IRCs (OEXNER GERMANY), same cd in 105d air, for 1 IRC, v/s Mary Steele (MORAN PA)

T I R L

Radio Noticias del Continente

Apartado 172, Pavas, Costa Rica.

Confirmando nuestra escucha en:

9 615 KHZ, el día 22-09-74

de 03:46 a 04:00 Hs. GMT.

Agradecemos nuestro reportaje de recepción.

TUNE US NOW ON 9490 KHZ

Thanks: Jack Lattemann, and Barry Tague

TAX

Tips and Topics

The Feature Section of SPEEDX

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

DXING EUROPEAN STYLE

by Arthur S. Getzel

Spending a month in Europe afforded me the possibility of a unique DXing experience. That is, listening to the shortwave bands from a different location. To be more concise, listening from the countries of Great Britain, Holland and Belgium. I used a Sony ICF-5900W and was very much pleased with its performance.

When you find yourself transported across the Atlantic, those shortwave bands are dramatically different. You are listening from a perspective that is somewhat alien. First off, in Britain, you live your life in Greenwich Mean Time. Ah, but that is only in winter. In summer, you must subtract one hour in order to convert to GMT. This means that at one o'clock in the morning it is midnight GMT. In New York, midnight GMT is at 8:00 PM EDT. 8:00 PM in London would be at 1900 GMT. Let me add at this point that in England - especially in the northern part of the country, during the summer, it does not become dark until near 10:00 PM local time or 2100 GMT. And of course this extended daylight curtails long distance DXing.

I did most of my listening in the evening whenever I had a chance. In the morning, I would usually listen to the VOA in order to find out what was happening at home. The VOA usually broadcast the "Breakfast Show" until 0700 GMT. Their signal was not too bad on 5995 kHz at 0500 GMT. The SIO of this frequency was usually 433. The signal on this frequency would start to weaken at 0600 GMT with the onset of daylight. In addition, at this time, there would begin extensive co-channel interference from an Austrian station on 6000 kHz. Thus, I found it best to reset my receiver to the 16 or 19 meter band where I could listen comfortably to the VOA on either 15195, 15250 or 17815 kHz. All these frequencies offered consistently good reception until the VOA would sign-off at 0700 GMT. Usually, at 0700, I would return to 15205 in order to listen to the last hour of VOA's "African Safari" which broadcasts until 0800 GMT. At 0800 GMT, this frequency would sign-off.

But as I said, I did most of my listening in the late afternoon and early evening. After 1700 GMT or 8:00 PM local time, I would usually pick up Vietnam on 15008 kHz with an excellent signal. Also heard would be an Arab station on 15038, Saudi Arabia on 15060, and Iran on 15084 kHz. All offering good reception. The VOA usually resumed English language transmissions to Europe at this time and could be heard on 15195 and 15205 kHz. Both these frequencies offered very good signals. RFE could be heard on 15105 and 15115 kHz. I need not say that both these frequencies were being jammed. However, surprisingly, these two stations seemed to be quite audible through all the hash. At this point, I must say a word about jamming. If you are one to complain about jamming in North America, do not go to Europe. If you do, be ready to tear your hair out. The whole 16 meter band and a goodly portion of 19 meters are useless during most of the day and evening. On 16 meters, there is jamming on almost every other frequency. This, of course, makes the co-channels that are not jammed less than useless.

Tuning down to 25 meters at 1800 GMT was somewhat interesting. There I came across India on 11620 kHz coming in like a local. There was an unidentified station on 11625 which might have been China. On 11630 was the Soviet Union blasting my eardrums. 11755 kHz at 1805 GMT offered Finland coming in nicely in Finnish while the BBC was coming in quite weakly on 11750 kHz. The VOA was strong on 11760 and Sri Lanka was like a local on 11800 kHz at 1815 GMT. Oh yes, for some nice, old fashion, American pop I must not forget Kuwait on 11690 kHz which offered a roaring signal.

By 1830 GMT, I would usually find my way up to the 49 meter band. There, I would usually find various Soviet stations on 5905, 5910, 5920, and 5925 kHz. Prague of course would be on 5930 kHz. Austria could be found on 5945 and 6000 kHz. If you want the news, I recommend the BBC on 5975 kHz which has a consistently good signal all day. On 6030 you will find Sddeutscher Rundfunk and 6090, of course, offers Radio Luxembourg

in German playing disco and American pop. The VOA is very consistent on 6040 kHz and Germany can be found on 6075, 6100, 6130, and 6145 kHz offering powerful reception.

After 1930 GMT or 8:30 PM local time was when the fun often began. Start tuning to 60 meters at this time and you will find that a host of Soviet regionals predominate the band until past midnight. After 2000 GMT, there were Soviet regionals on 4900, 4905, 4920, 4935, 4940, 4945, 4990, 5015, and 5035 kHz. On 4740, at 2100, there could be heard an unidentified station playing American pop with an English announcer. But I never heard an ID. It might have been a pirate!

Most interesting was Afghanistan on 15075 kHz at 1930 GMT broadcasting in English. Afghanistan was coming in with a SIO of 444. I listened to their program with great interest. Their program basically consists of news and commentary that has a definite Marxist perspective.

Also after 1900, I had my choice of various Peking outlets broadcasting in a polyglot of languages. Peking could be heard on 9400, 9880, 9900, and 9940 kHz during various times. 9880 was in English. On 9420 was North Korea in a Far Eastern dialect while Japan broadcast in English on 11815 and Australia made their presence heard on 11800 kHz. But what has got to be the most surprising log of my whole journey was Radio Free Grenada one night at 2315 GMT on 15045 offering a really good signal.

As I mentioned earlier in this article, I not only listened to the bands in England but also in Holland and Belgium. Not only this, but within each country I was in many different locations, i.e., city as well as country. Firstly, being that these 3 countries are geographically close to each other, what was heard on shortwave within each country did not differ too much. In my view, the basic difference between the continent and Britain is the loss of an extra hour. To clarify, in Holland and Belgium, to arrive at GMT you must subtract 2 hours instead of one.

On the other hand, going from the city to the country in Europe is like going from day into night. I stayed in three cities on my trip - London, Amsterdam, and Brussels. If you had to choose one of these three cities to DX in, London is by far the least noisy. Surprisingly, there was not too much QRN in my South Kensington location - an area which contained, in the main, apartments, hotels, and museums. The worst city in terms of QRN had to be Brussels. The first day I was there, my main DX was constant buzzes and ear shattering static day and night. It was not too much better during the rest of my stay in that city. Amsterdam was somewhat better than Brussels. Some QRN in the day but I must admit that the evenings were pretty good. However, rural Europe offered magical results. For example, I stayed on a farm in northern England. There was not a house, town, or village for miles. I need not say that all bands were free of QRN. Thus, I got good results not only on shortwave but also on the mediumwave band. At night, in Northumberland, all Europe is yours from 520 to 1600 kHz. From Sweden to Sicily to the Soviet Union, the mediumwave band is life in itself during the hours of darkness. But I must admit that I did not listen to the mediumwave band too much. I did not feel like searching for ID's in a polyglot of European languages.

At night, while in Britain, I was able to hear a great many programs in English on the MW band. During the hours of darkness, there are many, many BBC outlets in addition to a host of British commercial outlets which are definite carbon copies of various American stations. Also to be heard was the VOA, Radio Moscow, Radio Berlin International, Radio Sweden, and Radio Tirana - all broadcasting the same fare you can hear on shortwave. In the early morning, you can pick up several frequencies which broadcast programs of the American Armed Forces Network in Europe. By the way, the AFN is always audible on FM throughout the day even when the MW outlets can no longer be heard in your location. The program which AFN broadcasts consists of network feeds, local weather, sports, personal announcements, military news, as well as music.

By the way, I went window shopping in Europe for receivers. All I can say is thank God I live in America! For example, in London, an RF-4900 goes for \$800, an ICF-6700W goes for near \$1000, and various Grundig models ranged in price from \$1500 to \$3000. In Amsterdam, I was near a Tandy Store - the European version of Radio Shack. There I saw a DX-300 selling for about \$600. I did not see any Yaesu receivers but you can gather by the above prices that they must be extremely expensive in Europe.

If you want to compare DXing and SWLing in Europe to DXing and SWLing in America, one must conclude that we Americans really have it good. The European superpower transmitters and jammers make long distance reception difficult on the continent. I found Africa and Oceania nearly impossible to DX in Europe. As for Latin America, you must stay up to 2:00 or 3:00 AM local time if you want to hear anything. As for myself, my body was not willing to do this so I do not know what can or cannot be heard as far as Latin

America is concerned. Yes, it is true that we have some of the same problems as Europe in regards to the European superpower transmitters and jammers but being across the Atlantic does make the problem less severe. In addition, we have Africa, Latin America, Asia, and Oceania right at our fingertips. We American DXers and SWLers do not know how good we have it!!!

A VISIT TO RADIO NEDERLAND

by Arthur S. Getzel

From Amsterdam's Central Station, the ride to Hilversum NOS takes a mere 20 minutes. Upon leaving the train station, you find yourself walking upon a pleasant country road which you must share with those Dutchmen whose sole means of transportation is the bicycle. I headed toward a concrete tower which was lined with at least a dozen periodic antennas. It is by the foot of that tower where you will find a three story building which houses the facilities of Radio Nederland.

Upon entering the building, I headed straight to the receptionist. I told him I had an appointment with a Miss Louise Engelman. (I contacted Miss Engelman the previous day in order to make arrangements for my visit.) Several minutes later she came down to greet me. Immediately, we headed to Radio Nederland's cafeteria where we had a nice cup of coffee. Over this cup of coffee we discussed my vacation, politics, and why I like to listen to Radio Nederland.

After the coffee, it was time for the grand tour. First she took me to the News Department. It is here where you will find the various wire services. Reuters, UPI, and the Dutch Wire Service were ticking off the news. It is the raw copy from these wire services that are edited for broadcast. And by the way, all news broadcasts over Radio Nederland are live.

From the News Department, we headed for the studios. We entered one studio where an Arabic program was already in progress. What I saw was very impressive. Every piece of equipment was of the most modern design. The studio engineer was so competent that he made everything that he was doing seem like child's play. He was playing some Arabic music which could be heard clearly on a large speaker which was on the ceiling. The audio quality of this music was fantastic.

Miss Engelman told me that Radio Nederland tapes many radio plays. Many of which can be heard overseas. Therefore, we entered a studio that was to me like a playroom. It was the studio that contains the sound-effect equipment. Doors, locks, buzzers, several pairs of shoes, as well as a thunder machine was to be found in that room. I must admit, I played with everything.

In this room, I told her that I was a SPEEDX editor. She was very interested and asked if I listened to DX Juke Box. When I answered in the affirmative, she asked me if I would like to meet Frits Greveling. This I was not going to pass up. She called his office and Frits told her he would come down and meet us in the studio hall because he had to tape a segment of Radio Nederland's Newslines. Five minutes later, he came down but we were unable to talk because he had to head straight for the studio. However, he told us to wait until he was finished. During our wait, Louise and I had a very interesting talk comparing the programs of Radio Nederland to the programs of the VOA and the BBC. I am sorry to say we both reached the conclusion that VOA's programs have a lot to be desired.

After Frits finished his taping, we left Louise and headed for his office where two cups of coffee were waiting. There we had a pleasant conversation. We talked about the growth of the hobby within the last several years due to, in part, the present generation of digital receivers. He told me that the Phillips company is experimenting with a shortwave receiver that has a computer memory. In other words, this receiver can select any predetermined frequency which is stored in its memory. However, it is in need of perfection. By the way, he told me Radio Nederland has authorized Gallop to take a poll as to how many listeners there are in North America. He told me this survey will be eventually made public.

We also talked about why DX Juke Box broadcasts so much music. Well, Frits told me this has got to be. There are several reasons. Firstly, DX Juke Box is considered to be an entertainment-type of program. This means, the program tries to get the broadest audience possible and one way to do this is through the music. See, if the program was completely technical, its audience would be quite limited and it would thus have a very

limited budget. In addition, to fill the gap left by the music would take a lot of extra research and work by Frits and his colleagues. Extra research and work which there is no time and no money for.

He told me it takes a lot of research to gather information for just one program. He and his colleagues work hours and hours to bring you those weekly 30 minute segments. And Frits is really concerned about what is being aired. He wants to do a good job. He would very much like input from listeners. He wants you to tell him what you want to hear. And of course I did compliment him for the good work he is doing.

Oh yes, we did talk about what happened to the extra five minutes DX Juke Box had for the North American transmissions. He told me the management concluded that it was not fair for the North American audience to hear something that audiences in other geographic locations would not hear. Thus, it was decided that it would be best to drop the extra five minutes that DX Juke Box aired to North America. It was felt this extra time would be better utilized for a short news broadcast.

Well, after our long talk, we headed for the Frequency Department where he introduced me to a colleague of his whose name unfortunately I have forgotten. The Frequency Department is the place that determines what frequencies Radio Nederland will broadcast on. The Frequency Department has a staff of five and this staff scrutinizes all reception reports that come into the station in order to determine the best possible frequencies to use. See, Radio Nederland takes our reception reports seriously so I think it would be wise for us DXers and SWLers to take what we send to them seriously also. In addition, the Frequency Department monitors the shortwave bands to see if any stations are interfering with Radio Nederland. The Frequency Department uses several SPR-4's, a FRG-7000 and a Phillips communications receiver. All very impressive. I was told that Radio Nederland likes their frequencies to remain consistent. They will only change frequencies if it is necessary in terms of propagation or interference. They were extremely interested in the propagation of the Bonaire frequencies to Eastern North America. I told them that 9590 kHz usually offers better reception than 6165 kHz in New York. And they concurred with my view of the situation. I was told that the transmitting antennas at Bonaire have a very narrow beam. Thus, they feel the beam of 9590 has a more direct path toward the northeast than 6165. On the other hand, BBC's Antigua relay has antennas whose beams are very broad and that is why their frequencies offer consistently good reception to all parts of North America.

I spent a good three hours at Radio Nederland and by 5:30 it was time to go. I was taken to the office of Miss Engelman at this time and she gave me a nice information package. The package contained their latest schedule, several postcards, a history of the station and their several transmitter sites as well as various technical information sheets. And to top it off, Miss Engelman drove me to the train station. Radio Nederland is staffed by such nice people and it is these people who make this truly wonderful station one of the most popular international broadcasters in the world.

RECEIVER SURVEY

by Steve Kennedy

With a receiver boom going on within the shortwave hobby, there are many makes and models available from which to choose from. A question which often comes to mind when looking at the "credits" pages in FRENDX and SPEEDX is: What is the most popular receiver/make?

Obviously, over the years the Realistic DX-150/160 receivers have been the best sellers within the low price category. In the middle price category, the Drake SPR-4 and FRG-7 have sold very well. Interestingly enough, the Gold Plated Specials, such as the R-390A and R-388 do not seem to fare very well in terms of popularity.

The results below were derived from a sample population of 400 SPEEDX and FRENDX members. It is felt by this writer that the results tend to show what most SWLers and DXers who belong to these two clubs prefer to use. The population used in this survey was taken from FRENDX and SPEEDX issues for the months of January through June 1979. The possible accuracy of this poll is about 95%. Expected error percentage is about 3% and this is due to the large number of members whose names do not appear in the credit pages of both club magazines.

I. Receiver Popularity Rankings in SPEEDX and NASWA.

SPEEDXNASWA

1. FRG-7 (61)	1. FRG-7 (40)
2. DX-150/60 (30)	2. DX-160/50 (36)
3. RF-2800 (12) & RF-2200 (12)	3. RF-2800 (19)
4. SPR-4 (9)	4. SPR-4 (15)
5. SSR-1 (8) & R-390 (9)*	5. RF-2200 (14)
6. XCR-30 (7) & RF-4800 (7)	6. FRG-7000 (8)
7. ICF-5900 (6) & SX-190 (6)	7. RF-4800 (7) & R-4 B&C* (7)
8. DX-300 (5)	8. HQ-180 (6) & XCR-30 (6)
9. R-4 B&C* (4)	9. ICF-5900 (5) & SX-190 (5)
10. R-392 (3)	10. SW-4A (4)

*- Notes: All DX-150/160 models as well as surplus R-390 and R-390A models and Drake R-4 series receivers were lumped together in the rankings to derive the figures shown.

II. Combined Totals and Percentages.

1. FRG-7 (101) 23.1%	11. SX-190 (11) 2.51%
2. DX-160 (66) 15.1%	12. ICF-5900 (10) 2.28%
3. RF-2800 (31) 7.09%	13. FRG-7000 (9) 2.06%
4. RF-2200 (26) 5.94%	14. HQ-180 (9) 2.06%
5. SPR-4 (24) 5.49%	15. DX-300 (8) 1.83%
6. RF-4800 (14) 3.20%	16. SW-4A (7) 1.60%
7. XCR-30 (13) 2.97%	17. Portables* (12)
8. R-4 B&C (11) 2.51%	18. Tube Models* (25)
9. SSR-1 (11) 2.51%	19. Surplus* (20)
10. R-390* (11) 2.51%	20. Others (18) 17.16%

*- Notes: Figures 17 through 20 are comprised of several categories of older Hallicrafters models, simple portable receivers, surplus sets of the BC-348J, R-392, and SP-600 groupings. There were also included several Grundig tube type sets, Normende Portables, and several models of Heath receivers which have been discontinued (e.g., SB-313, GR-54, etc.).

III. Brand Names.

1. Yaesu (110) 25.16%	9. Barlow Wadley (13) 2.97%
2. Realistic (86) 19.67%	10. Heath (9) 2.05%
3. Panasonic (71) 16.24%	11. Kenwood (6) 1.37%
4. Drake (52) 11.89%	12. Grundig (4) .91%
5. Surplus (31) 7.09%	13. Galaxy (4) .91%
6. Sony (15) 3.43%	14. RCA (AR-88) (3) .68%
7. Hammerlund (14) 3.20%	15. Racal (2) .45%
8. Collins (13) 2.97%	16. McKay (2) .45%
	17. Zenith (2) .45%

IV. Other Facts.

- 23% of those named in the poll had a portable type receiver.
- 81% of all receivers listed are modern solid-state models.
- 78% of all receivers listed are foreign made. Approximately 74% are made in Japan.
- Price ranges in categorical terms.

Over \$500 - 2.51%	\$300 - 26.76%
\$450 - 8.00%	\$250 - 19.90%
\$400- 7.55%	\$150 - 35.25%

(It is interesting to note that nearly 82% of all receivers listed require an expenditure of \$300 or less. It is possible that this is the usual price limit that many are willing to pay for receiving equipment.)

STATION TRIES SUN POWER. . . On August 29, if everything goes according to schedule, Bryan, Ohio radio station WBNO-AM will become sun-powered. "WBNO 1520 AM, We're Sun-Sational! Solar-Powered," says promotional material prepared by the station for the day of the big switch. An array of current producing photovoltaic cells covering a third

of an acre will begin converting solar power into 4000 watts needed for the station's transmitter.

WBNO, a 500 watt sunrise-to-sunset station, was selected by the US Department of Energy from among about 500 small, daytime AM stations across the country to participate in a demonstration project. The project is being carried out under contract by the Lincoln Laboratory of the Massachusetts Institute of Technology. The idea is to determine the practicality of a small solar powered system that would be usable in a variety of applications with little modification and yet be economically attractive in the mid-to-late 1980s. Luke Thaman, WBNO general manager said a small radio station was considered ideal for demonstration of such a system because it has a predictable daily power load.

The station also met another requirement; it has the space in its rural Bryan setting for the array of photocells. The project will determine whether the photocells will function efficiently when covered with a film of dust or dirt from the weather and whether extremes of temperature will seriously hamper operations.

Thaman, who has been to the MIT laboratory twice in preparing for the installation, said MIT personnel will be working closely with the station throughout the operation. Thaman said he was not sure how much the government had spent on the project, but pointed out that each of the 800 modules of photocells costs \$300, meaning an investment approaching \$250,000 for the array. A computer system will operate the photocells, which will produce 15,000 watts of power at high noon on a clear day, far more than needed to power the transmitter. Excess power will be used to operate the control rooms of WBNO AM and FM and will charge four huge storage batteries having a total of 60 cells. Over a year's time, the array is expected to handle 85% of the transmitter's power requirements. (From the Xenia Daily Gazette, August 3, 1979 and sent in by Bill Beeman.)

NEW FREQUENCIES FOR TWO-WAY RADIO? . . . by John Cereghin. . . The following years to come should prove to be very interesting because many two-way radio users (amateurs, CBers) may end up using new frequencies. Amateurs will be most affected. During WARC '79, there will be a proposal for at least 3 new shortwave amateur bands. The FCC wants the amateurs to be allowed to operate on 10, 18, and 24 MHz. But while gaining new frequencies, the amateurs may lose some - especially on 40 meters. The FCC would like to shift the 40 meter band from 7.0-7.3 MHz down to 6.9-7.1 MHz. Thus, the amateurs would lose 100 kHz of bandspace. The major shortwave broadcasters who operate on 41 meters would like to see this happen. If the 40 meter band was phased out or moved then 41 meter SW broadcasters would be able to operate anywhere from 7.0-7.3 MHz.

Current users of the 10, 18, and 24 MHz bands would have a little time to move out, if the amateurs moved in. If the new proposal is accepted this year, then the new bands would be turned over to the amateurs by 1985. The main users of 10, 18, and 24 MHz are aeronautical and fixed stations.

On the other hand, CBers may get a piece of the microwave band. Another FCC bill calls for the CBers to be allowed to use the 900 MHz band alongside the amateurs. This band would be somewhere between 900-930 MHz. But the 27 MHz band would still be used, so don't be trading in your 40 channel rigs! Not yet, anyway.

Not everyone likes the idea of CBers using 900 MHz. Some say that the 900 MHz band is useless and unworkable. They say new CB's for 900 MHz would be run up in price. But isn't that what they said about 450 MHz for Class A CBers when it opened up? However, 450 MHz is a smashing success.

Since we are up in the high, high frequencies, let's talk more about the amateurs. Some VHF amateur bands, such as 2 meters could be cut in half. Or maybe the whole band would be replaced with aero-mobile transmissions. But if the amateurs lose 2 meters they probably won't lose 6 meters.

But where does this leave the shortwave DXer? He may see a lot of interesting band-allocation shifts between 1.6-30 MHz. Amateurs and utility stations will be fighting over 10, 18, and 24 MHz while CBers will be using 27 MHz as well as the new microwave band. It will be interesting to see who gets what. And who knows, shortwave broadcasters may be getting several new bands in some very interesting and unusual places!

Well, that's it for September. It's time to get back to school or the grind of work. But do not fret, winter DX will soon be on the way. At this point, I want to remind everyone to please vote this month. It's your club, make it work. I remain, 73's
Arthur

SEPTEMBER CONTRIBUTORS

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

<p>4 ALEXANDER, BRIAN PA.....RF-4900 *1 ALEXANDER, Rodney IA.....SSR-1 *3 ANGELONI, RICHARD NY.....DX-160 6 AUDETTE, DAVID MA.....DX-300 1 BAKER, BRIAN IL.....FRG-7 4 BEEMAN, BILL OH.....RF-2800 5 BERKHOLTZ, NICK MN.....RF-2800 1 BINAU, NAN MD.....RF-2900 *5 BLAIZE, SANDY LA.....EDY-830-7 1 BODELL, BOB PR.....R-390A *4 BOEHM, JAMES TX.....R-4C 2 BONILLA, CHARLES IL.....RF-2200 1 BRAME, DAN IL.....ASTRO-4 4 BRATLIE, ALLEN MN.....DX-160 *2 BROWN, NATHAN WA.....FRG-7 1 BUHAGAIR, TONY ONT.....SX-190 3 BYRON, LESLIE NY.....PTL-9 1 CATEY, ROBERT IL.....SX-133 *2 CEREGHIN, JOHN MD.....AR-2 *1 CHABAK, MIKE AZ.....HQ-180 2 CHINAKOS, MIKE WA.....FRG-7 *5 CLARK, GUY KS.....FRG-7 *5 COLEMAN, ROBERT MA.....RF-2800 *2 COLGAN, RICHARD TX.....FRG-7 4 CONNELL, CHARLES CA.....CRF-320 1 CONSTANTINIDES S. AFRICA...XCR-30 6 CUCURA, VLADIMIR PA.....FRG-7 *1 CUNEO, RICHARD NY.....D-7000 *4 CUNNINGHAM, KEN CA.....DX-160 1 CURNELL, MARK OR.....RF-8880 4 CURTIS, FREDDIE TN.....RF-2800 3 DAVENPORT, BILL TN.....DX-160 1 DAWSON, ARCH CA.....SPR-4 *1 DEVENDORF, J.C. CA.....SPR-4 4 DIECKMANN, MIKE MO.....DX-160 1 DILK, JOHN NJ.....DX-160 *5 DONAHUE, PAT CT.....DX-300 5 DONLY, BOB SC.....EDY-830-2 1 DREW, JAMES TX.....FRG-7 1 DUBEE, SEAN CA.....DX-160 1 DUPREE, JAMIE MD.....ICF-5900W *5 DURAN, RICHARD NJ.....DX-300 *7 DURNAVICK, CARL IL.....RF-2800 4 EARHART, KEN PA.....SX-190 3 FALLOWS, JOHN ONT....ICF-6700W 1 FAMILARO, RALPH NJ.....RF-2800 1 FINDLATER, JOHN CA.....FRG-7000 1 FISCHER, MIKE GERM....RF-2900 4 FISHER, JOHN MA.....GPR-90 *1 FITZGERALD, JOHN RI.....R-300 1 FORRESTER, ROBERT OKI.....FRG-7 *2 FORSMAN, STAN CA.....R-392 1 FOWLER, GARY ONT.....R-390A 4 FRASER, BOB MA.....XCR-30A *1 FRENCH, BOB MD.....S-108 *5 GAEDE, ALLAN CA.....R-390 *5 GEORGE, CHARLES TX.....SSR-1 4 GETZEL, ART NY.....RF-4800 1 GOETZ, GREG MI.....DX-160 1 GOLD, KEN FL.....1600-W</p>	<p>*1 GONZALES, GARY CA.....FRG-7 *2 GRANANE, PAUL NM.....FRG-7 2 GRENIER, PETE CA.....FRG-7 *2 HARDESTER, MIKE CA.....FRG-7 2 HASSELKUS, CHRIS OH.....RF-4900 *5 HAUSER, GLENN TN.....FRG-7 3 HAYES, GERALD BC..GRUNDIG YB 3 HENSLEY, BAXTER TX.....SX-190 6 HESCH, RUTH NY..FR-6600-JW 3 HODSDON, THOMAS MN.....FRG-7 1 HOFFMAN, CHARLES PA.....FRG-7 *2 HOLBROOK, HANK MD.....SP-600 6 HOLMES, GEORGE CO.....RF-4800 1 HOPKINS, JEFF NY.....DX-160 3 HOWARD, RON CA.....SB-310 1 HOWELL, JOE CA.....DX-160 4 HRIVNAK, DON IL.....FRG-7 2 JONES, JACK MS.....DX-150A *1 JOSE, PHIL MO.....DX-300 1 KANA, JOHN GA.....R-390A *6 KANNRY, JOSEPH NY....FRG-7000 *1 KASPRZYK, EMIL TX.....R-4C 1 KAPFMAN, MALCOLM NY.....RF-2900 1 KEMP-BLAIR, KEN CA.....FRG-7 1 KERN, STEVE CA...ICF-6700W 4 KORNEKE, PAUL VA.....DX-300 *2 KUSALIK, EDWARD ONT.....R-388 *6 LASKOWSKI, DAVID MI.....FRG-7 *6 LATTEMANN, JACK WA.....RF-2800 2 LAZARUS, HENRY LA.....SX-190 3 LEEMAN, JOSEPH RI.....FRG-7 1 LIPPMANN, KEVIN FL.....SSR-1 *4 LOBDELL, CHRIS MA.....FRG-7 2 LOREN, STEFEN CA.....? 1 LOWE, DEREK AR.....FRG-7 3 LUCAS, RICHARD CA.....DX-160 1 MacCOLLUM, MIKE IN.....FRG-7 1 MAGNE, LARRY PA.....R4-B 4 MAISE, CLARENCE LA.....FRG-7 *2 MAPPIN, RUSS WA.....FRG-7 *2 MARSHALL, B.E.F. CA.....DX-300 1 MARTIN, GENE RI.....DX-160 1 MAYER, JIM CA.....FRG-7 5 McCURDY, TIM CA.....FRG-7 2 McGREW, GERALD SPAIN...RF-2800 1 MacDAVITT, BILL NY.....FRG-7 4 McKINNEY, LARRY PA.....RF-2800 3 McLEAN, SCOTT NY.....SW-717 *1 McNALLY, DAVID CA ICF-6700W *6 MELLINGER, CRAIG NJ.....FRG-7 1 MHUNZI, PETE CA.....FRG-7 *4 MIKELL, KEVIN IL.....RF-2200 6 MILLER, BILL CA.....DX-160 *2 MINES, JOHN QUE.....FRG-7 4 MITCHELL, RICH NH.....FRG-7 4 MOORE, DON PA.....XCR-30 *7 MORAN, JAMES PA.....RF-4800 4 MORRISON, LEWIS NC.....KT-2000 6 MUNSTER, RALF GA.....RF-4800 1 NAYLOR, SPENCE CA.....FRG-7</p>
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3 NEUMANN, SERGE	AZ.....HQ-180A	4 SEMESKY, THOMAS	IN.....FRG-7
1 Nida, Jon	MN.....RF-2800	5 SHAFFER, STEVEN	IN.....FRG-7
1 NORCROSS, DAVID	KOREA.....R-300	6 SMITH, THOMAS	FL.....XCR-30
1 NOTO, YOSHIYUKI	CA.....RF-2200	*5 SMITH, TRAVER	CA.....FRG-7
*7 OAKLEY, MARJORIE	CA.....FRG-7	1 STARR, TIM	GA.....DX-150A
1 OEXNER, MIKE	W GERM...SAT-3400	*1 STEIN, RICHARD	NJ.....FRG-7000
2 OLIVER, WAYNE	MA.....FRG-7	*2 STOCK, LEONARD	NY.....FRG-7000
*2 OSTERMANN, FRED	OH.....HQ-129X	*6 STONE, WILF	ONT.....SX-190
*6 OWSLEY, BENTON	CA.....HQ-145	3 SYLVESTER, SHAWN	TX.....?
5 PAVELKA, JOHN	NY.....DX-160	1 TAGUE, BARRY	OK.....FRG-7
*7 PETTIT, LANI	IA.....RF-2800	2 TAKIGU, TAKESHI	JAP.....FRG-7000
2 PHILLIPS, TERESA	CT.....RF-2200	1 TANNENWALD, LEON	NY.....SPR-4
5 PIMBLETT, NIGEL	ALB.....DX-150A	*1 TAUSSIG, BROAN	CA.....DX-160
4 PISCZEK, DAVE	NY.....FRG-7	*6 THOMPSON, PEGGY	CA.....FRG-7
*3 POGUE, JAMES	CA.....FRG-7	1 TROCHIMCZYK, J. W	GERM.....R-390A
*2 POKATLOFF, RON	IL.....SSR-1	*1 URBANTKE, KLAUS	NWT.....?
*6 PROOM, STEPHEN	ENG....SAT-3000	*4 VRANES, ALEX	PA.....FRG-7
3 RADCLIFF, BEN	IL.....SB-310	2 WAGNER, LAWRENCE	PA.....DX-160
*3 RANKIN, BOB	KS.....FRG-7000	1 WALTERS, JOHN	NJ.....R-1530
*1 ROSEWARNE, ALLAN	CA.....FRG-7	2 WATTS, GREGG	IN.....DX-300
3 RUDOLPH, BILL	AL.....RF-2200	*1 WALTERS, JOHN	NJ.....R-1530
*2 RUSSELL, GARY	IL.....SSR-1	5 WILKINSON, GEORGE	MAN.....FRG-7
3 SANDERSON, JOHN	AZ.....DX-160	3 WILLIS, FRED	PA.....SPR-4
1 SAVAGE, JAMES	CA.....RF-2800	1 WIRTZ, DOUG	BC.....FRG-7
*1 SAYLOR, BRETT	PA.....DX-160	5 WITTE, MARJORIE	CA.....FRG-7
1 SCHAEFER, JOHN	MN.....?	*7 YAJKO, ROBERT	PA.....SPR-4
1 SCHILDER, ERIC	CA...PH.37-620	4 ZAVATSKY, MARK	CT.....SPR-4
1 SCHIPPELLITI, PETER	MA.....FRG-7	*1 ZECCHINO, PAUL	RI.....?
4 SCHROEDER, ART	WI.....DX-160	4 ZILMER, BOB	WI.....SPR-4
1 SCHWEIKART, DAVID	VA.....FRG-7	4 ZIMMER, KJELL	MO.....DX-160
*7 SCOTT, THOMAS	OK...ICF-6700W	3 ZINK, GEORGE	CA.....SPR-4
4 SEARLES, LELAND	IA...PORT-990A		

AHA! We have 24 more reporters this month, a total of 183, that's much better! Included in those 183 are 22 members who are reporting for the first time. We welcome these 22 who are joining the ACTIVE SPEEDX Members.

NICHOLAS BERKHOLTZ....MN FRED MARSHALL.....CA JOHN SCHAEFER.....MN
 NAN BINAU.....MD GERALD MCGREW.....SPAIN LELAND SEARLES.....IA
 CHARLES CONNELL.....CA LARRY MCKINNEY.....PA SHAWN SYLVESTER.....TX
 MARK CURNELL.....OR McLEAN SCOTT.....NY TAKESHI TAKIGU.....JAP
 SSGT MIKE MITCHELL...GERM JON NIDA.....MA DOUG WIRTZ.....BC
 GERALD HAYES.....BC MICHAEL OEXNER.....W.GERM PAUL ZECCHINO.....RI
 RUTH HESCH.....NY JAMES POGUE.....CA KJELL ZIMMER.....MO
 STEFEN LOREN.....CA

PS: There are a few UTE credits that will be added next month, sorry about that!

BUY - N - SELL

To raise money to purchase a NRD-505, I will sell my prized Dymek DR-55 w/2.2 Collins filters in both LSB/USB & jack for digital readout on the "Clarifier". Still under factory warranty. \$800.00. Also a bug-free Realistic DX-300 w/2.7 Collins filter with 1.3-1 shape plus USB trimmer & switchable ferrite antenna allowing use of directional loop. Used less than 1 hour. \$400.00. Both UPS prepaid. Larry Brookwell, 1826 Cypress Street, San Diego, CA 92154. Phone 714-429-9728. No collects.

Realistic Comp-100 programable scanner. No crystals needed. 16 channel capacity. Includes whip antenna, manual & programming book. \$200.00 or best offer. UPS prepaid. Randy Lindsey, 1206 Timbercreek, Lindenwood, NJ 08021. 609-783-7119 0000-0300 GMT. No collect calls.

WANTED: 24 hour clock. Any make or type. Also want a KS Preselector. State price and condition. May swap. Ronald Marshall, P. O. Box 3508, Sedona, AZ 86340

WANTED: 24 hour digital clock and a 7" reel-to-reel tape recorder. State price and condition. Chris Crosby, 83 Shady Lane Drive, Lakewood, NJ 08701.

WANTED: ITU List IV - List of Coast Stations 7th edition, or 6th. Please state price desired plus postage. Mike Hardester, 10285 Covina Court, San Diego, CA 92126.

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