

# SPEEDX

*the dx radio magazine for active shortwave listeners*

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Propagation

1973

*world dx-friendship year*

Dec. 1973



Vol. III — No. XII



# KEYNOTES



## ART GLOVER RE-ELECTED AS CHAIRMAN OF THE BOARD.

By a vote of 4 to 1 the new Board of Directors has re-elected Art Glover as Chairman of the Board (President) for a two year term.

Congratulations Art, SPEEDX will continue to forge ahead with Glover at it's helm.

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## CONGRATULATIONS TO 10 NEW FULL MEMBERS

SCOTT J. BROWN  
ORANGE, CA.

MARK E. ZIMEROWSKI  
BROCTON, MA.

VERLIN R. SHINN  
HIDDEN HILLS, GA.

IVAN GRISHIN  
ONT. CANADA

KARL D. FORTH  
VILIA PARK, IL.

ALLEN G. GAEDE  
CONCORD, CA.

RICHARD A. SCHWARTZ  
DOVER, DEL.

DAN G. HENDERSON  
LAUREL, MD.

FELIX MARTY  
MON. CANADA

WM. TRUBEE  
KEALAKEUKA, HI.

Certificates of Full Membership and a copy of the SPEEDX Constution were mailed to each of the above in November.

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Special Features returns to SPEEDX under the editorship of Art Getzel, 70-29 Kissena Blvd. Flushing, N.Y. 11367. Watch for this section in the February issue. All SPEEDXers interested in writing articles for SPEEDX are encouraged to send them to Art today. Articles will be published under the authors By-Line, and credit points will be given by the Membership Committee for all articles published.

Your articles should be typed on good quality typing or mimo(white)paper. Leave a clean margin of at least 1/2" on all sides. Standarize on a 2 space indention on the first line of each paragraph or none at all. Do not double space except between paragraphs. All caps may be used if using elete type. Note: A SPEEDX page is 8 1/2" X 13 1/4" before re-production. Art is prepared to edit and re-write your articles if you are unable to submit camera ready material.

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## MEL HICKMAN NEW ASIA-OCEANIA EDITOR.

Please send your A/O loggings to Mel Hickman P.O. Box 1638, Walla Walla, Washington 99362. Mels first column will appear in the January issue. Welcome aboard Mel. Don Johnson will compile the Contributors page, and will be working closely with Headquarters.

\*\*\*

The 1974 World Radio-TV Handbook is available at \$ 6.50. See HAPPenings for full details.

S  
C  
A  
D  
S

BACK BY POPULAR DEMAND! Southern California Area DXers will hold a SCADS 74 meet on Febuary 16 & 17 th at the same site in Tustin \* \*  
Volunteers to head topical talks are needed, as are suggestions, etc.  
Contact: Don Johnson Details next month.

## GILFER CATALOG MAILING IN LATE NOVEMBER

A new 16-page catalog of supplies for shortwave listeners and radio monitors is being mailed by Gilfer Associates, Inc. The basic catalog will be updated by periodic Supplement mailings throughout 1974.

The new catalog contains details on receivers, books, antennas, headphones, clocks and accessories. Copies of the catalog are free.

Gilfers is the stocking agent for many well-known products including: Joystick Barlow Wadley receivers, Telex headphones, Hamgear, preselectors, Mosley antennas, Drake receivers, Franklin wall clocks, etc.

Gilfer celebrates its 20th year in business in 1974.



*With Best Wishes  
For a Joyous Christmas  
and a Year  
of Happy Days*



## RADIO COMPONENTS COURSE

Many of the questions asked Radio Nederland by listeners concern radio components, such as resistors, transistors, transformers, capacitors, coils, tubes, etc.

To meet listeners demand for information and knowledge on components, Jim Vastenhou - author of many of our previous courses has now compiled and written a "Radio Components Course." It aims to give the listeners a better insight into the functions and interaction of radio components. It will be on a general level, so that it will be easy for everyone to follow. Though a technical background is not necessary, the course will appeal to more technically advanced listeners as well, as it gives interesting details of these components not generally elaborated upon in technical manuals.

The course will commence in DX JUKE BOX on Thursday, March 7, 1974. As usual texts and diagrams are being made available free of charge. Enrolment is now open. Write to: DX JUKE BOX, Radio Nederland, P.O. Box 222 Hilversum Holland.

## NEW UTILITY CHASERS CORNER EDITOR TO BE ANNOUNCED

Due to recent extensive traveling, Paul Mayo has reluctantly resigned as UCC Editor. Paul was on the road and could not prepare his column. Sorry.

\* Late Flash: Steve Handler will also edit the UCC column replacing Paul Mayo



# DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06170

YOU'RE NOT LIKELY TO HEAR IT ON RADIO TASHKENT, BUT... hundreds of thousands of beer drinkers in Uzbekistan are without their favorite malt beverage or in some cases able to find only brew that no one can drink. A contributing problem lies in lack of pasteurization as only three factories, all located in distant Russian or Ukrainian cities, pasteurize beer...which allows its storage for as long as three months. Almost all the other Soviet beers have to be drunk within three to five days. Andris Straumanis, who forwarded the UPI item containing this information, suggests that those DXers who experience difficulty securing a Tashkent QSL send a can of Budweiser with that next Uzbek reception report...



ACORNS FROM OAKDALE: For relief from Holiday spending call your local loan company. They're experts at applying "month to month resuscitation".



WNYW PRICE TAG: According to Broadcasting magazine the sale of WNYW was in the amount of \$950,000; causing contributor Steve Gelfand to quip, "Can't say 'that's show biz', but with that much \$\$\$\$\$ changing hands it sure as heck is some kind of 'biz'!"

YOU'RE TUNED TO P.O.BOX 1472 (or "I'll Bet You Thought Toledo Was A Place On The Maumee")! For those of us in the shortwave listening fraternity who have shared the experience generated by reception of letters of strange request, anecdotal one-liners, pseudo-verification, or quasi-QSL from the ubiquitous Luther0 Toledo...relief is on the way. Sincere belief in the premise that "there's safety in numbers"...or, as an alternative, that "misery loves company"...has produced an idea which would band us together in a common cause. Your application for admission to this unique "fan club" honoring our infamous, yet deserving, Brasilian correspondent. The membership fee includes a telephone book from your hometown, a book of poetry from Nova Scotia, and assorted roadmaps. Once your application is approved, your membership in the club includes getting a genuine imitation QSL from Brasilia and the right to invoke the club cheer...to wit..."Gimme an 'L', Gimme a 'U', Gimme a 'T-H-E', Gimme an 'R', Gimme an 'O', Gimme a 'TOL-E-DO'!" Woody Seymour, a charter member, has elicited from the real International Department of Radio Nacional Brasilia...whose real postal address is Box 1620...the information that the address published in WRTVH '73 is in reality the personal post office box of our hero, the gregarious Luther0. Folks in the Latin American capital are apparently as puzzled as we are as to how the address was publicized thus. But, let not the partial solution to this curious mystery sway you from your purpose nor divert you from your duty...You too can share in the frustration...Join Today!

chew and/or gnaw along dotted line

APPLICATION FORM

HOLY TOLEDO CLUB

BOX 1472 IN '73

Name \_\_\_\_\_

Address \_\_\_\_\_

Level of Patience \_\_\_\_\_

I wish to receive the monthly newsletter, "DEAR SIR", (enclosed is a copy of the New Jersey Constitution)

I wish to join the ever-popular "LUTHERO'S LEGION". (enclosed is a copy of "Rare Birds of Manitoba")

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

I swear that the above certificate is true and that I witnessed signature of this form.

(SEAL)

My Commission Expires: \_\_\_\_\_

Notary Public



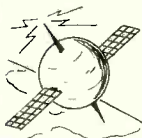
# The SOAP BOX

A DIVISION OF "DX MONTAGE"

Moderator: *Alan W. Brooks*

## THE ALPHA...OR THE OMEGA?

Is it truly the end...or just a new beginning? In a resurrection of one of our initial "SOAP BOX" subjects Midwestern SPEEDXer Lynn Hyndman forwards the following thought-provoking excerpt from the October issue of QST:



"...Oscar users should remember that many Hams and SWLs are listening to the satellite, though they may not have transmitting capability. Listeners' reports played a major role in the evaluation of earlier satellites; these reports have been overshadowed by two-way work on Oscar 6...but they can still be significant..."

Lynn wonders if it could be that with all the talk about satellites bringing an end to the DX hobby just the opposite is the case? Our Indiana contributor elucidates, "...the field of satellite DX is just in the beginning stages...and this is one place that the DXer can not only satisfy his own ego, but can contribute very worthwhile information to those that are involved in experimentation of this new and vast form of DX. Granted this type of DX requires a bit more sophistication and a desire to bring one's knowledge up to the 70's...but to those who lament that DX is doomed...I can only suggest that they take a look at the frontier that satellites have opened and get busy DXing..."

In closing Lynn calls our attention to yet another QST excerpt which points out that an AMSAT proposal for the launching of another amateur satellite has been approved by NASA. A launch in the first quarter of 1974 is hoped for...after which the satellite will be known as Oscar 7 with an expected lifetime of three years. Lynn seems to feel that for those willing to take on the challenge of pioneer DX in the 1970's...here is a vast and wide open field...

TO COUNT OR NOT TO COUNT...THAT IS THE QUESTION: The comper of the original "DX MONTAGE", one Serge Neumann, poses an interesting question for general dissemination and dissection.

"...should stations that operate on single side band, but provide program material...i.e., news, weather, etc...be included for country counting purposes?"

Examples of two particular stations accompany this query. The Icelandic State Broadcasting Service provides news and weather via PTT facilities on 12175 KHZ at 1230 GMT. In addition to that northern transmitter, PA0AA, the National Dutch Amateur Radio Station of the VERON organization makes once a week broadcasts on four frequencies which include weather summaries and occasionally news...mostly DX news for amateurs. Both of these stations operate on SSB.

Here in New England we have a similar transmission as the latter example. The ARRL...from their central Connecticut base...transmits a regularly scheduled information broadcast in the single side band mode...

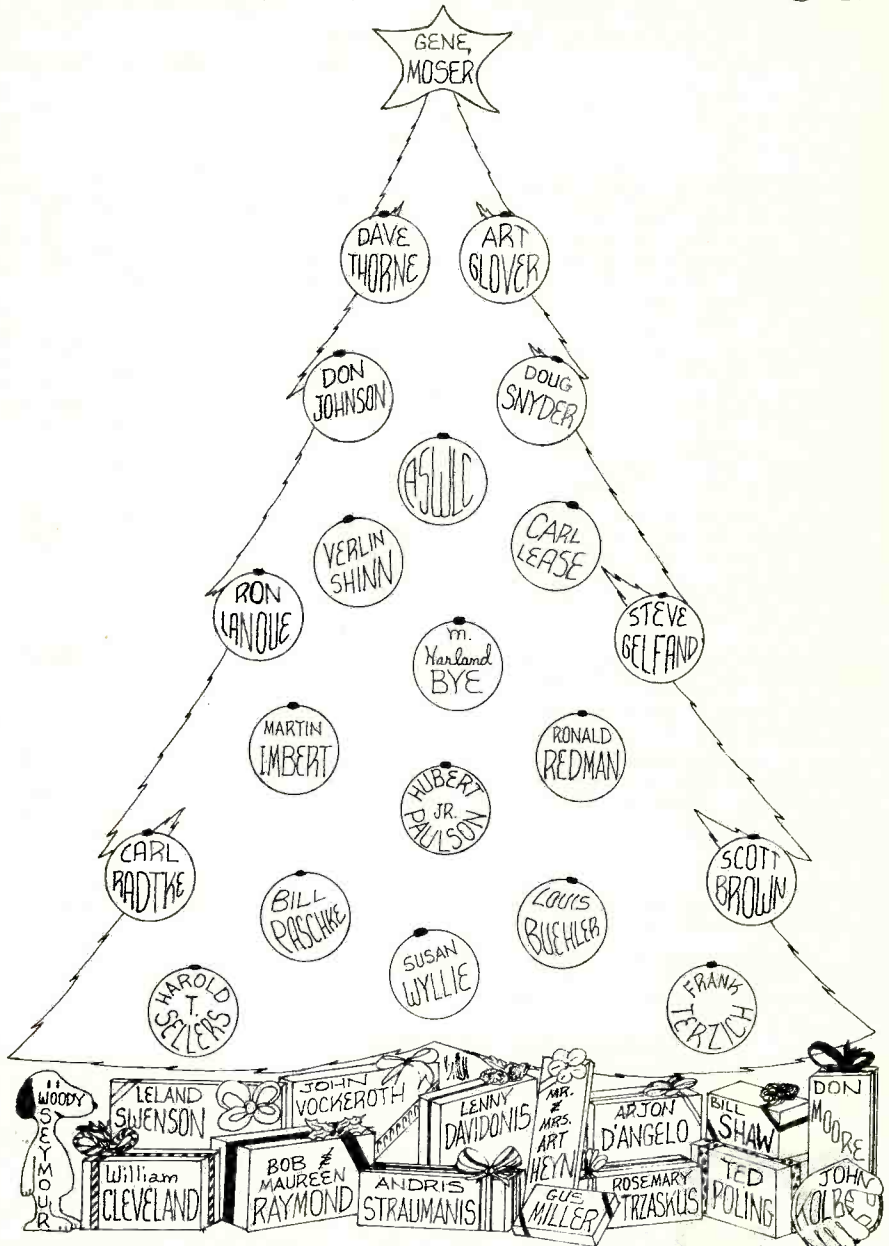
Serge rejects the easy answer to this question; "It depends on which list you use"...while instead seeking to initiate a discussion based simply on what SPEEDXers think on this subject solely in principle. How think ye, readers?

## SOME PERSONAL REFLECTIONS ON WORLD DX FRIENDSHIP YEAR

The year proclaimed by listener and broadcaster alike as World DX Friendship Year now draws to a close. Yet I am nagged by a persistent reflection that for some that declaration served as a one-way street...just another avenue to pry loose a QSL. I wonder just how many of us can say that we used 1973 in a little more noble...a little more appropriate way. Perhaps a period report rather than a one-shot reception...constructive comments on program content...voluntary work on a listeners panel or monitoring team? If that's not your thing how 'bout making an attempt to learn another tongue just for the edification of it all...or striking up a correspondence with another SWL at home or abroad? What did YOU do FOR World DX Friendship Year?



# HAPPY HOLIDAY



EACH OF THE ABOVE CONTRIBUTORS HAVE DONATED \$1.00 OR MORE TO THE H.A.P. PROGRAM IN LIEU OF SENDING GREETING CARDS TO DX FRIENDS.

AWBrooks

# SPEEDXTRAS

THE PROJECTS DIVISION of SPEEDX

Projects Coordinator — Jack White • 780 NW Wallula Ave • Gresham Oregon • 97030

Patience has its rewards...or something like that. The World Utility DXer's Handbook is at last a reality with all orders received to date now mailed!!!

The original promotion/finance/production schedule had been purposely set to provide for delivery around the first of October for several reasons. Not the least of these is that I normally have rather heavy occupational demands upon my time from mid-autumn through most of the winter. In fact, it is not at all uncommon for those of us engaged in the battery business to accomplish more than half our annual sales volume in the last three or four months of the year.

However, this initial plan to complete the major publishing-distribution chores on WUDXH went completely down the chute when serious production problems arose due to improper copy preparation techniques by the authors. Briefly, the situation was that WUDXH was completely printed, fully collated, and 21 pages were at least partially unreadable!! The only solution was to remove the unacceptable pages, replace them with redone sheets, and then put the books back together again. This was done!! Also, as might be expected, there were several rounds of cost renegotiations conducted as well.

This in itself was not a tremendous task, and would not have resulted in more than a two or three week's delay had it not been for the aforementioned seasonal work-load in my business AND all sorts of unique, perplexing, and exasperating problems that have emerged during the past few weeks in connection with critical spot shortages of petroleum derivative components, an industrial electric curtailment, and an industry-wide production level some 20% higher than even the most optimistic surveys. In short, anything like an 8 hour day or 5 day week has been merely a dream for myself and most of my employees. So far, we are maintaining our schedules through substitution, re-routing deliveries, and a lot of jack-legging; but it's taking longer to do the same job.

To put the real capper on the situation, it seems as if a very widely read commercial SWL publication gave the handbook a nice mention in its 1973 edition. What's wrong with that? Well, they were talking about the 1971 Ute Guide which was priced at about half of the WUDXH!!! I hereby confirm the wildness of high estimates of the SWLing population...because it seems every mail delivery brings several orders for the out-of-print edition!!! When the accumulation reached a point of filling the "hold" box, work on WUDXH was temporarily put aside in order to reply to each of these...about three such cycles took place, again delaying WUDXH.

I extend my apologies to all those who have been so patiently waiting. I know you would not have been satisfied with the handbook as originally printed, but had it not been for the circumstances mentioned above, the situation could have been corrected much sooner. The thought occurs that some could have received the impression a rip-off was being perpetrated due to the delay. If this was the case, I again apologize. While I will readily admit to hot pursuit of the buck, so far I have managed to do so within reasonably ethical limits...also, the financial run-down submitted to SPEEDX headquarters immediately prior to publication reflects the commitment of a substantial sum from my own personal funds was required to get WUDXH off the ground.

I'm sure you all will agree the wait, while perhaps not altogether pleasant, was indeed worth it. WUDXH is without question the outstanding utility DX reference...bar none!! I hasten to point out that those production difficulties had nothing to do with the accuracy of the text, only the readability was involved. Messrs Handler and Mayo have done an outstanding job (once again) in presenting a comprehensive collection of highly valuable ute DX information in an extremely handy format.

Now that the saga has been related, and before turning to a nearly waist-high (and I'm 6'3") pile of unanswered correspondence pertaining to all sorts of SWLing matters which has accumulated, I wish you all a very MERRY CHRISTMAS!!!

73.

Jack

# HAPpenings

NEWS ABOUT THE SPEEDX HANDICAPPED AID PROGRAM

HAP Chairman — Gene Moser • 6805 Woodland Ct • Coloma MI 49038



No 6

SPOTLIGHT

No 6

## 1974 World Radio - TV Handbook

The 1974 "DXers Bible" is now on sale. This year HAP is making the WRTVH available to you at a \$1.00 saving over the retail price!!! Our prepublication offer is \$6.50. Your order MUST be postmarked no later than December 22. Orders received after this will be returned as we cannot fill orders at this special bargain past the deadline. Send your \$6.50 by check or money order payable to: GENDA. Mail your order to WRTVH % Gene Moser at the above address. Your copy will be sent by Gilfer Associates the 14th week of January. It looks like your voices were heard by the publisher as an improved binding is being rumored. Please, now is the time to order. It'll cost you \$7.50 later (Ouch-HI). We help each other this year. You save \$1.00, and HAP makes a profit.

ANARC is still looking for a chairman to guide their Frequency Recommendation Committee. If you would like to know what the job entails, write: Al Reynolds, PO Box 3012, Jackson TN 38301. They need you.

HAP would appreciate your help in the following project. SWLI and CIDX (both are HAP associate clubs) are co-sponsoring a pennant survey. They would like to know what stations are offering pennants, and if it is sent with their QSL etc, or only when you request it. Mail your information to either Charles F Edwards, NWSU, Dieterich Hall, Room 710B, Maryville MO 64468; or Harold T Sellers, 122 Giroux, Apt 20, North Bay, Ontario Canada. Thank You!!

Over the past few months HAP has been working with Yann Balcou to provide our help to crippled children between the ages of 10 and 16 years old. They are long-term patients confined to bed until recovered and returned home. Our project does not stop at the hospital. When a patient goes home and wants to continue the hobby we will do whatever possible to help them. We have given a Zenith Trans Oceanic, SPEEDX, Lunar memberships, HAP 23, and a variety of SW literature directly to the hospital or through Yann. Portable receivers were chosen as the children have to listen while in bed. Yann began his project with the purchase of the first Zenith TO. The response to our hobby required another portable. HAP booster Woody Seymour Jr brought Yann and I together and our cooperation has been beneficial to both parties. The hospital could use one or two more portable receivers. Also I ask all clubs to join ASWLC, Lunar, and SPEEDX by providing the hospital with your club's membership so the children can get all the SW news. The QTH is: Mrs Fiebelman, Occupational Therapy, Texas Scottish Rite Hospital for Crippled Children, 2201 Welborn, PO Box 19567, Dallas TX 75219. Let's all make 1973's Christmas a happy one for these new SWLs!!!!

A reminder about our HAP-Lunar stamp drive. Wes has taken on a big project which benefits only HAP. He gets nothing out of it but hard work. The one area we can all help him in is stamps. For some odd reason Wes wants to fill his home from floor to ceiling-HI. He needs a minimum of 100,000 used US or foreign stamps. Commemoratives bring in more money. Please send your stamps to: Wes Ogrien, PO Box 283, Bell CA 90201. Don't remove the stamps from the paper. Just cut around them. Also ask him about Lunar memberships. It's free, and you can't do better than that-HI.

At this writing I don't know the final total on the Christmas page, but each of you have my sincere thanks. Money is always important because we stop without it. You have allowed us to go on.

Thanks to ASWLC, SWLI, CIDX, Minnesota DX Club, and Hank Bennett of NNRC. To Clayton Howard of DX Party Line and Ian McFarland of R Canada SW Club. Your support of the "Spirit of 73" is greatly appreciated!!! And finally to Bill Paschke, Ted Poling and all the PALS and HAP assistants. You made HAP work in "World DX Friendship Year".

My special Christmas wish for you is Peace, Good Health, and the friendship in '74 you have found in '73. In the excitement of Christmas Eve and Day, I hope you will take time to think over this year, and find its blessings in 1974. **WERRY CHRISTMAS!!!**

*Gene*



# SWBC DX - Western Hemisphere

— EDITOR —

E.J. "Jim" Whitehead  
177 Pine Ridge Road  
Reading, Mass. 01867



REFRAN

"Felices Pascuas"

## A NEW COLOMBIAN - BRISAS DEL CITARÁ

We won't have to wait for the 74 WRTVH to report to the new Colombian station, Brisas del Citará, operating on 5032 khz thanks to information relayed by SPEEDXer Bill Sparks. Bill relays a letter received from the station's owner, the CADENA RADIAL PORVENIR, which advises the station operates with 2 kw on medium wave and with 1 kw on shortwave. He also reports logging the station with Colombian music, frequent time checks, and IDs every half hour until its signoff at 0405 GMT. Check it out, won't you, and send those reports to

Emisora "Brisas del Citará"  
Carrera 3.a. No. 21-15  
Quibdó - Chocó  
República de Colombia  
América del Sur

## THE VOA - HOW BIG?

Rare is the SWL who has not chased what appeared to be some exotic station only to find himself tuned to the VOA instead. From its many relays the VOA is on the air continuously and we tend to take this giant for granted. But, have you ever wondered just how big the VOA really is? Well, John Larkin of Surrey in England did and he asked the VOA itself to answer. In responding to John's question concerning the technical resources that are required to keep the VOA going the VOA turned to Mr. George Jacobs, head of the VOA's Frequency Division, who gave John this reply over the air.

"John, the Voice of America broadcasts in 36 languages from its studios here in Washington, D.C.. To reach our audience throughout the world does require a great deal of technical resources. VOA operates 115 transmitters, 74 of which are located at relay stations in Thailand, Sri Lanka, Greece, Liberia, Germany, Japan, Morocco, England, and the Phillipines. Through these relay stations we are able to bridge the great distances to our listeners with a dependable signal on either short or medium wave. The total power of this system is more than 23 megawatts and it takes over 1,000 people to plan, manage, and operate this worldwide radio network"

## TIME TO SQUEEZE

Well, our new Managing Editor advises that there will be no more sneaking in a few extra pages like I did last month so I had best be at the raft of loggings that poured in this month if I expect to squeeze them all in. Before I go, however, I should note for those of you who are interested that last month's refrain is translated "people understand each other when they speak to each other". Which reminds me I should note that all times are GMT, dates are given in the month-day system, and reception conditions are given in the SIO code. And, so to the loggings...

ARGENTINA

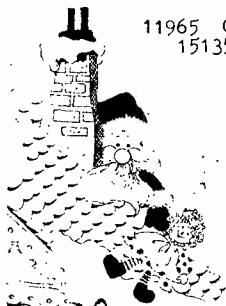
- 9690 0300 LRA32 Radiodifusion Argentina al Exterior:Eng.w/nx,cmntry, music (454,10/25;J. Smith Jr.-NY)(333,0148,10/24;Jones-MS)(333,0540,11/6;Day-CA)(333,0310,11/6;Brown-CA)(433,0630,10/11;Stephenson-CA)(443,0420,10/16;Cleveland-CA)(--3,0308,10/31;Miller-OH)
- 11710 2337 LRA35 Radiodifusion Argentina al Exterior:Eng.w/classical mx ID (433,11/2;Wickett-MD)(433,2300,11/6;Brown-CA)(454,2335,10/19;Marshall-ONT)(434,2315,10/22;Snyder-CA)(322,2200,11/1;Kratzer-NY)(232,2300,10/30;Paschke-WI)
- 11780 0015 LRV2 R. Belgrano:Sp.w/sports pgm (433,11/2;Zilmer-WI)

BOLIVIA

- 4875 0230 CP75 La Cruz del Sur:Eng.w/tlk on life of Christ (242,11/5;Whitehead-MA)(444,0930,10/13;Collier-NY)
- 5045 1010 CP38 R. Altiplano:Sp.w/non-stop Andean mx (353,10/13;Marshall-ONT)

BRAZIL

- 3385 0835 ZYG22 R. Cl. Teresina:Port.w/mx,OM annats (353,10/13;Marshall-ONT)
- 4807v 0230 ZYS8 Rdif. do Amazonas:Port.w/pop mx, annats (423,10/14;Patterson-GA)(332,0335,10/19;Cleveland-CA)
- 4865 0326 PRC5 R. Cl. do Pará:Port.w/tlk, ID (+23,10/7;Patterson-GA)
- 4995 0215 ZYX2 R. Brasil Central:Port.w/LA mx,ads (222,11/13;W. Smith-MA)
- 5965 0030 ZYU60 R. Guaiaba:Port.w/lt. mx (335,10/23;Kelley-FL)
- 6000 0001 PRK5 R. Inconfidência:Port.w/spts evnt, ID(333,11/1;Cleveland-CA)
- 6015 0820 ZYB65 R. Clube de Pernambuco:Port.w/many recorded spots,music (333,11/10;Flynn-CA)(322,0025,11/1;Zilmer-WI)
- 6025 0800 ZYR63 Emis. Piratininga:Port.w/guitar mx,mentions of S. Paulo (322,11/10;Flynn-CA)(332,2346,10/31;Cleveland-CA)
- 6055 0030 PRB21 R. Panamericana:Port.w/talk (433,11/2;Zilmer-WI)
- 6085 0040 ZYB87 R. Jornal do Comércio:Port.w/cntry (422,11/1;Zilmer-WI)
- 6095 2315 ZYB7 R. Tupi (Sao Paulo):Port.w/tlk,mx,jingles, // 15155 khz (433,10/19;Zilmer-WI)
- 6115 0010 ZYC7 R. Tupi (Rio):Port.w/spts event,IDs, not // 6095 also noted with spts event,IDs as R. Tupi (333,11/1;Cleveland-CA)(422,0035,11/1;Zilmer-WI)
- 6175 0040 ZYV74 R. Guarani:Port.w/sports event (422,11/1;Zilmer-WI)
- 9545 0015 ZYZ43 R. Universo:Port.w/tlk between 2 OM (433,11/1;Zilmer-WI)
- 9620 0230 ZYR97 R. Nove de Julho:Port.w/talk,music (433,10/13;Zilmer-WI)
- 9675 0947 ZYT29 R. Diário da Manhã:Port.w/comls,TCs, pop music (444,10/12;Jones-MS)(433,0000,11/1;Zilmer-WI)
- 9695 2200 ZYB61 R. Rio Mar:Port.w/talk (422,10/21;Zilmer-WI)
- 11765 0000 ZYB8 R. Tupi (São Paulo):Port.w/mx,tlk,QRM (433,11/2;Zilmer-WI)
- 11785 0040 ZYU61 R. Guaiaba:Port.w/spts pgm w/fast talking ancr. (443,10/25;Cleveland-CA)(443,0045,11/1;Zilmer-WI)
- 11795 0030 ZYZ39 R. Nacional,Rio:Port.w/talk (422,11/2;Zilmer-WI)
- 11815 0055 ZYW24 R. Brasil Central:Port.w/talk (422,10/18;Zilmer-WI)
- 11855 0200 PRE7 R. América:Port.w/soccer match (353,10/25;Giannini-IL)(433,2330,10/21;Zilmer-WI)(342,0155,10/21;Cleveland-CA)
- 11865 2300 ZYB85 R. Cl. de Pernambuco:Port.w/tlk (433,10/29;Zilmer-WI)
- 11925 2215 ZYR78 R. Bandeirantes:Port.w/nx // 11950 (433,10/31;Zilmer-WI)
- 11935 2345 ZYS35 R. Cl. Paranaense:Port.w/lots of tlk,echoing ID into soccer match (343,11/7;Cleveland-CA)
- 11950 2140 PRL3 R. Ministério da Educação:Port.w/OM tlk, IDs, nx (344,10/25;Paschke-WI)(433,2200,10/31;Zilmer-WI)
- 11965 0215 PRB24 R. Record:Port.w/sports event (422,10/21;Zilmer-WI)
- 15135 2336 ZYN32 R. Soc. da Bahia:Port.w/OM tlk,many IDs (233,10/25;Paschke-WI)(343,1900,10/28;Zilmer-WI)
- 15135 1038 PRB23 R. Panamericana:Port.w/LA mx,frequent applause, ID @ 0100 (332,10/30;Cleveland-CA)
- 15145 2345 ZYB87 R. Jornal do Comércio:Port.w/tlk(442,10/18;Zilmer-WI)(332,1905,11/4;Day-CA)
- 15155 0100 ZYB9 R. Tupi (Sao Paulo):Port.w/pop mx,ads (44,10/29;Miller-OH)(453,0130,10/21;Cleveland-CA)
- 15415 0035 ZYR216 R. Cl. Ribeirão Preto:Port.w/LA mx,ads (333,11/7;Cleveland-CA)
- 15445 2300 ZYN32 R. Nacional de Brasília:Port.w/ID into pgm in Eng. w/ news,sports,tonical talks (543,10/29;J. Smith Jr.-NY)



CANADA

- 5960 0245 CBC Northern Svc:Eng.w/tlk,nx,cmntry (--4,10/30;Davidonis-MA)  
 5970 0835 Radio Canada Intl:Eng.w/news (544,11/8;Redman-IL)  
 6005 1400 CFCK, Montreal:Eng.w/ID,nx,wx,TC,DJ pgm (444,10/23;Shaw-PA)  
 6030 1140 CFVP, Calgary:Eng.w/nx, ID,comls,rock mx: (353,10/9;J.Smith Jr.-NY)  
 6070 0730 CFRK, Toronto:Eng.w/"Man and woman" pgm (--3,11/3;Szot-CA)  
 (333,0255,10/19;Nebron-CA) (434,1200,10/19;Geckle-MD) (444,0620,10/18;Redman-IL) (444,1330,10/23;Shaw-PA) (343,0406,10/16;Cleveland-CA)  
 6080 0217 CKFX, Vancouver:Eng.w/"Jim Moore Show",IDs as CHWX, hrd while DW Relay at Sackville off (222,10/22;Nebron-CA)  
 6085 0100 Radio Canada Intl:Eng.w/ID,nx,"Focus",SW Club (555,10/28;Geckle-MD) (555,0115,10/28;Shaw-PA) (444,0435,10/25;Cleveland-CA) (545,0100,11/11;Brown-CA)  
 6130 0640 CHNK, Halifax:Eng.w/pop mx,ads,wx (333,10/13;Redman-IL) (434,1215,10/19;Geckle-MD) (--4,1900,11/2;Davidonis-MA)  
 6135 0405 Radio Canada Intl:Eng.w/new pgm format (444,11/10;Nebron-CA)  
 6155 0400 DW Sackville Relay:Ger.w/sign-on ID (444,10/27;Snyder-CA)  
 6160 0300 CKZU, Vancouver:Eng.w/World Series game(333,10/18;Cleveland-CA)  
 9525 0146 Radio Canada Intl:Eng.w/"This Country" pgm (444,10/11;Wickett-MD) (454,0115,10/21;Cleveland-CA) (444,0150,10/11;Geckle-MD) (444,0157,10/9;Jones-MS)  
 9610 2100 Radio Canada Intl:Eng.w/pgm for Europe (444,11/6;Zilmer-WI)  
 9625 2300 Radio Canada Intl:Eng.w/nx,SW Club (534,10/20;Trzaskus-IL) (222,2300,10/15;Geckle-MD) (544,2320,10/27;Redman-IL)  
 9755 0100 Radio Canada Intl:Eng.w/NEW FREQUENCY for 0100-0155 release to North America (544,11/5;Zilmer-WI)  
 11825 1200 Radio Canada Intl:Eng.w/NEW FREQUENCY for 1200 - 1255 release to the Caribbean // 15315 (554,11/5;Zilmer-WI)  
 11845 2120 Radio Canada Intl:Eng.w/nx,spts,wx (444,10/23;Larkin-UK)  
 11945 2305 Radio Canada Intl:Eng.w/nx,cmntry (242,9/15;Geckle-MD)  
 17820 1830 Radio Canada Intl:Eng.w/nx,cmntry,into Fr. @ 1915 (--5,10/30;Sigel-IA)

CHILE

- 9575 0145 CE957 R. Portales:Sp.w/mx,some talk (222,10/27;Miller-CA)  
 9590 1015 CE959 R. Presidente Balmaceda:Sp.w/tlk,nx,TC, ID as "R. Presidente Balmaceda en Santiago de Chile" (343,10/31; Jones-MS) (221,0525,10/19;Marshall-ONT) (343,1055,10/25; Zilmer-WI)  
 9689 0000 CE969 R. Cooperativa:Sp.w/ID as "LV de Chile", mostly rock music (--3,10/??;Johnson-CA)  
 9750 0956 CE975 R. Minería:Sp.w/OM tlks,IDs,freq ads,mx (243,10/31; Paschke-WI) (544,1020,11/3;Marshall-ONT) (343,1032,10/31; Jones-MS)  
 15150 0030 CE1515 R. Corporación:Sp.w/IDs as "CE114,una radio para todo Chile","Momentos para el Recuerdo" pgm of oldies,comls,TCs (253,10/30;Whitehead-MA) (443,2130,10/27;Day-CA) (343,0035,10/27;Cleveland-CA) (433,0159,10/25;Zilmer-WI)

COLOMBIA

- 2860 0314 HJMF R. Venus:Sp.w/tropical mx,ads,IDs as "Radio Venus desde Puerto Berrío" is 2x harmonic of 1430 (--4,10/14;Hauser-OK)  
 3140 0313 HJZT LV de los Fundadores:Sp.w/mx,NA and off without any anmts at close (--2,10/14;Hauser-TX)  
 4755 0230 HJKC Emisora Nuevo Mundo:Sp.w/LA mx,CARACOL IDs (333,10/14; Cleveland-CA) (333,0350,10/30;Redman-IL)  
 4785 0122 HJLW Ecos del Combeima:Sp.w/mx,TCs, ID as "Ecos del Combeima, ahora como siempre, su emisora preferida" (533,10/29; Whitehead-MA) (333,0530,10/21;Cleveland-CA)  
 4845 1048 HJGF R. Bucaramanga:Sp.w/LA pop mx,Banco de Colombia ad, ID as "para Colombia y el mundo" (322,10/17;Patterson-CA)  
 4855 0135 HJFV R. Neiva:Sp.w/LA mx,IDs,TCs (322,10/30;Marshall-ONT) (342,1054,10/10;Patterson-CA)  
 4865 0417 HJLZ LV de Cinaruco:Sp.w/pop mx,CARACOL ID (352,10/7;Patterson-CA)  
 4905 0500 HJAG Emisora Atlántico:Sp.w/LA mx, ID (343,10/14;Cleveland-CA)  
 4915 0430 HJSG R. Guatapuri:Sp.w/LA mx,TCs,nx @ 0440 (333,10/17; Cleveland-CA) (323,0435,11/6;Butterfield-MA) (--4,0458,11/3; Miller-OH)  
 4945 0615 HJDH R. Colosal:Sp.w/fiesta mx (333,10/13;Redman-IL) (333,0420,10/22;Cleveland-CA) (444,0325,11/5;Butterfield-MA) (--3,0300,10/8;Sigel-IA) (333,0945,10/8;Shaftan-NY) (555,0230,10/27; Geckle-MD) (--4,0216,11/8;Smith-TN) (233,0600,11/2;Flynn-CA)

COLOMBIA (cont.)

- 4955 0331 HJCO R. Nacional:Sp.w/classical mx (333,10/27;Zimarowski-MA)  
(333,0415,10/17;Redman-IL)(343,0345,10/27;Geckle-MD)(343,  
0305,11/5;Butterfield-MA)(332,0431,11/7;Cleveland-CA)
- 4965 0540 HJAF R. Santa Fe:Sp.w/LA mx,many IDs (555,10/21;Fleming-NY)  
(433,0630,10/13;Redman-IL)(332,0605,11/5;Day-CA)(222,0645,  
10/7;Stephenson-CA)(434,0225,11/13;W. Smith-MA)(323,0425,  
11/6;Butterfield-MA)(334,0240,10/8;Shaftan-NY)
- 5032 0330 HJOT Brisas del Citará:Sp.w/pop mx,TCs,final ID and anthem  
at 0405 sign off. (333,11/7;Sparks-CA)(433,0200,11/16;  
Whitehead-MA) Squeezed between YVMK and HJIC.
- 5035 1000 HJIC LV del Caquetá:Sp.w/Anthem,ID,freq, into wake-up music  
(444,11/3;Marshall-ONT)
- 5075 0205 HJGC R. Sutatenza:Sp.w/ID,LA mx (133,11/8;Dawson-CA)(434,0155,  
11/13;W. Smith-MA)(454,0357,10/31;Kolb-CA)(555,0315,10/3;  
Geckle-MD)
- 5095 1000 HJGG R. Sutatenza:Sp.w/"Buenos Días" pgm(--4,11/10;Szot-CA)  
(232,0202,11/8;Dawson-CA)(444,0157,11/13;W. Smith-MA)
- 6015 1115 HJDF R. Mira:Sp.w/talk,music (422,10/25;Zilmer-WI)
- 6020 0045 HJIS LV de Colombia:Sp.w/talk,IDs,mx (444,10/28;Shaw-PA)
- 6030 0130 HJCT R. Nacional:Sp.w/music (--3,10/18;Szot-CA)
- 6040 0420 HJLB LV del Tolima:Sp.w/LA mx,cuckoo call w/ID,  
TC after each disc (432,10/25;Cleveland-CA)
- 6065 0810 HJAX R. Super:Sp.w/IDs,TCs,LA mx (433,10/31;  
Paschke-WI)(433,0630,10/22;Redman-IL)
- 6075 1057 HJID R. Sutatenza:Sp.w/ID,frequencies (444,11/8;  
Jones-MS)(555,0930,10/8;Shaftan-NY)
- 6085 1040 HJTF Ondas del Darién:Sp.w/OM tlk,mx,IDs (232,10/31;Paschke-WI)
- 6095 0450 HJIV LV del Centro:Sp.w/LA mx,fqt IDs (443,10/25;Cleveland-CA)  
(233,1053,10/31;Paschke-WI)(--3,0255,10/31;Miller-OH)
- 6115 0320 HJIE LV del Llano:Sp.w/typical SUPER RADIO network ID,LA mx  
of the quiet type (342,10/19;Day-CA)
- 6160 0715 HJKJ Emisora Nueva Granada:Sp.w/mx,RCN IDs (433,10/16;Redman-IL)
- 6181 0846 HJOO R. Nacional:Sp.w/positive ID,LA mx(243,10/31;Paschke-WI)
- 9635 1205 HJZM R. Nacional:Sp.w/Eng. lessons (343,10/24;Brooks-CT)



COSTA RICA

- 4832 0440 TIHB R. Capital:Sp.w/IDs,LA mx (323,10/27;Zimarowski-MA)  
(444,0515,10/15;Redman-IL)
- 5954 0535 TIQ R. Casino:Eng.w/pop mx,little tlk (322,10/25;Day-CA)
- 6006 0225 TIHB R. Reloi:Sp.w/mx w/many IDs (454,10/8;J. Smith Jr.-NY)  
(322,0325,10/14;Day-CA)(333,0919,10/14;Paschke-WI)(132,  
0830,10/31;Dawson-CA)(555,0914,10/8;Shaftan-NY)(--2,0830,  
11/10;Szot-CA)(433,0735,10/14;Redman-IL)(443,0042,10/30;  
Brooks-CT)
- 6150 0830 TIRS R. Atenea:Sp.w/OM,mixed mx,IDs (332,10/31;Paschke-WI)  
(333,1045,11/4;Redman-IL)
- 6175 0245 TIFC Faro del Caribe:Eng.w/ID,rel. mx (433,10/27;Shaftan-NY)  
(433,1100,10/25;Zilmer-WI)

CUBA

- 9525 1136 R. Habana Cuba:Eng.w/pgm for stamp collectors (544,10/29;  
Leistner-CA)(555,0745,10/28;Redman-IL)
- 15230 2345 R. Habana Cuba:Sp.w/mx,IDs (444,10/29;J. Smith Jr.-NY)
- 15425 2310 R. Habana Cuba:Sp.w/talk (555,11/4;Fleming-NY)
- 17705 2125 R. Habana Cuba:Eng.w/Voice of Vietnam pgm, ID at sign off  
(433,10/21;Wickett-MD)

DOMINICAN REPUBLIC

- 4774v 0955 HIAS Onda Musical:Sp.w/sign on,ID, pop mx (444,10/13;Sparks-CA)  
(243,0415,11/10, on 4785v;Flynn-CA)
- 4882 0653 HIJP R. Comercial:Sp.w/OM taking phone calls,many IDs (444,11/4;  
Wickett-MD)(343,0444,10/31;Cleveland-CA)(423,0725,10/14;  
Redman-IL)(554,0528,10/30;Patterson-CA)
- 4930 0305 HIBE R. Mil:Sp.w/nx, ID (333,10/26;Cleveland-CA)(343,0907,11/9;  
Jones-MS)(232,0105,10/31;Paschke-WI)(312,0316,10/27;  
Zimarowski-MA)(223,  
222,1025,10/28;Redman-IL)
- 5010 0205 HIMI R. Cristal:Sp.w/LA mx,ID,ads (223,11/13;W. Smith-MA)  
(222,1025,10/28;Redman-IL)
- 5970 1000 HISD R. Televisión Dominicana:Sp.w/ID into nx (323,11/8;  
Jones-MS)(333,1006,10/31;Paschke-WI)
- 9505 0129 HISD R. Televisión Dominicana:Sp.w/IDs,mx,news (423,10/9;  
Jones-MS)

ECUADOR

- 3325 0505 HCHA2 Ondas Quevedeñas:Sp.w/LA mx, ID (433,10/20;Cleveland-CA)  
 3390 1025 HCOT1 R. Zaracay:Sp.w/Ecuadorian mx, ID (322,10/20;Marshall-ONT)  
 (332,0455,10/15;Cleveland-CA)  
 3985 1045 HCBR5 Escuelas Radiofónicas Populares:Sp.w/mx,lots of singing  
 (433,10/17;Zilmer-WI)  
 4679 0310 HCWE1 R. Nacional Espejo:Sp.w/Drama, ID (323,11/13;W.Smith-MA)  
 (333,0555,10/13;Redman-IL)(342,1110,10/17;Zilmer-WI)  
 4765 0354 HCAJ2 C.R.E.:Sp.w/nx, ID, anthem, off (422,10/6;Patterson-GA)  
 4780 0440 HCEH3 R. El Progreso:Sp.w/Ecuadorian mx, ID w/frequencies and  
 off @ 0450 w/out anthem (131,10/26;Marshall-ONT)  
 4791 0245 HCVP2 Emisora Atalaya:Sp.w/ID, soft mx (433,11/13;W.Smith-MA)  
 4824 0345 HCAV3 R. Luz y Vida:Sp.w/Andean mx, amnt every 10-15 minutes, ID  
 (332,10/15;Cleveland-CA)(423,0448,10/6;Patterson-GA)  
 4871 1049 HCGM7 R. Rio Amazonas:Lang.w/OM tlk, children singing hymns  
 (423,10/12;Patterson-GA)  
 4900 0130 HCVS6 R. Libertador:Sp.w/Ecuadorian mx, ID, s/off 0157 (332,  
 10/12;Collier-NY)  
 4923 0345 HCRQ1 R. Quito:Sp.w/nx pgm, ID, ad for Banco de Pichincha (343,  
 10/26;Marshall-ONT)(--4,0415,10/21;Sparks-CA)(343,0422,11/2;  
 Cleveland-CA)(444,0300,10/17;Redman-IL)  
 4960 0120 HCFS R. Federación:Sp.w/LA mx, clear ID (--3,10/3;Miller-OH)  
 5020 0300 HCV3 R Centinela del Sur:Sp.w/mx, sign off w/ID, freqs, no anthem  
 (333,11/7;Whitehead-MA)(444,0310,11/10;Marshall-ONT)  
 6050 0159 HCJB LV de los Andes:Sp.w/mx, pips, ID(333,11/5;Butterfield-MA)  
 9560 0205 HCJB LV de los Andes:Eng.w/"Music in the Night"pgm (--4,10/29;  
 Davidson-MA)(547,0115,10/18;Geckle-MD)(--5,0200,10/18;  
 Sigel-IA)(555,0300,10/8;J.Smith Jr.-NY)(544,0525,10/20;  
 Redman-IL)(534,0200,11/3;Trzaskus-IL)(444,0300,11/4;Fleming-NY)  
 9745 0230 HCJB LV de los Andes:Sp.w/mx, ID, TC (544,10/31;Geckle-MD)(544,  
 0344,11/4;Trzaskus-IL)  
 11745 0300 HCJB LV de los Andes:Eng.w/"DX Party Line" (434,10/23;Snyder-  
 CA)(555,0150,10/18;Geckle-MD)(533,0229,10/22;Wickett-MD)  
 (442,0200,10/29;Miller-CA)(333,0930,9/20;  
 11915 0930 HCJB LV de los Andes:Eng.w/"DX Party Line" (333,9/20;Sridhar-  
 INDIA) Welcome aboard OM!!! (433,0220,11/4;Kratte-NY)  
 15375 2205 HCJB LV de los Andes:German w/rel.tlk (454,11/4;Fleming-NY)

EL SALVADOR

- 5980 0045 YSS R. Nacional de El Salvador:Sp.w/tlk by OM and YL about  
 Central American countries (444,10/23;Kelley-FL)(--4,1219,  
 11/4;Miller-OH)(333,0240,10/30;Day-CA)(444,0400,10/16;  
 Cleveland-CA)(444,0330,11/12;Whitehead-TX)

FRENCH GUIANA

- 3385 0127 O.R.T.F., Cayenne:Fr.w/songs, sign off w/"Marseillaise" (--3,  
 11/1;Miller-OH)  
 4972 0114 O.R.T.F., Cayenne:Fr.w/oldies, Fr. pop mx (433,11/6;Fleming-NY)

GUATEMALA

- 2390 0300 TGDF LV de Atitlán:Sp.w/LA mx, s/off @ 0330 w/anthem (433,10/2;  
 Collier-NY)  
 3325 1032 TGBA R. Maya de Barillas:Sp.w/sign on amnt w/all freqs, call  
 letters (242,10/20;Marshall-ONT)(322,1145,10/21;Zilmer-WI)  
 3360 1130 TGVN LV de Nahualá:Sp.w/local mx (453,10/20;Zilmer-WI)  
 3380 0157 TGCH R. Chortis:Sp.w/marimba mx, IDs (343,10/21;Collier-NY)  
 5995 0335 TGNA R. Cultural:Eng.w/religious tlk (433,10/20;Brown-CA)(433,  
 0410,10/25;Cleveland-CA)(432,0414,11/7;Day-CA)

GUYANA

- 3290 0200 GBS Action Radio:Eng.w/ID, mx, TCs (333,11/6;Shaw-PA)(342,10/13;  
 Marshall-ONT)

HAITI

- 9770 1133 4VEH R. 4VEH:Eng.w/news, weather report (433,10/24;Jones-MS)(353,  
 1837,10/7;Smith-TN)(444,1105,10/9;J.Smith Jr.-NY)(444,1430,  
 11/6;Shaw-PA)  
 11835 2307 4VEJ R. 4VEH:Eng.w/religious tlk (322,10/27;Shaftan-NY)

HONDURAS

- 4780 0100 HRRZ R. Juticalpa:Sp.w/ID, ads, TCs (323,11/3;Whitehead-MA)(413,  
 1055,10/5;Patterson-GA)

HONDURAS (cont.)

- 4820 0306 HRVC LV Evangelica:Eng.w/ID as "This is HRVC, the Evangelical Voice of Honduras", into "Hour of Decision" (422,10/8; Patterson-CA) (322,1105,10/28;Redman-IL)
- 4920 0300 HRLP3 R. Progreso:Sp.w/ID,LA mx (434,11/2;Geckle-MD) (322,0245,10/16;Redman-IL) (343,0450,10/22;Brown-CA) (343,0340,10/22;Cleveland-CA) (232,0055,10/31;Paschke-WI) (322,0311,10/27;Zimarski-MA)
- 5875 0220 HRN LV de Honduras:Sp.w/LA mx,frequent IDs as "H-R-N" (343,11/2;Marshall-ONT) (444,1110,10/31;Jones-MS) (353,0500,10/21;Dawson-CA) (433,0400,11/7;Day-CA)
- 6125 1107 HRQ R. Suyapa:Sp.w/OM tlk,accordion mx, ID(343,10/31;Paschke-WI)

MEXICO

- 1980 0320 XEER, Radio XEER:Sp.w/ID,mx,TC, is 2x 990 (--3,10/14;Hauser-TX)
- 6065 0555 XEXG R. Dif. México:Sp.w/ID,LA mx (343,10/21;Dawson-CA)
- 6105 1150 XEQM R. Yucatán:Sp.w/Mexican mx (443,10/20;Zilmer-WI) (333,1703,10/21;Kelley-FL)
- 6165 0530 XEWV LV de América Latina:Sp.w/nx,tlk,interviews, ID & off @ 0605 (433,11/3;Cleveland-CA)
- 9600 1255 XEYU R. Univ. Nacional de México:Sp.w/classical mx,usual organ theme at 1300 (343,10/14;Brooks-CT)
- 11770 0245 XERMX R. México:Sp.w/ranchera mx (222,10/22;Redman-IL) (333,0045,11/6;Shaw-PA)
- 11820 1650 XEMS R. BH:Sp.w/LA mx,tx,jingles, ID as "Radio B-H" (444,10/27;Cleveland-CA) (332,1615,10/29;Zilmer-WI)
- 15125 0021 XERMX R. México:Sp./Eng. w/mx, IDs (322,10/29;Leistner-CA) (444,1440,10/30;Cleveland-CA) (333,2335,10/28;Redman-IL)

NETHERLANDS ANTILLES

- 6020 0026 R. Nederland, Bonaire Relay:Sp.w/IS, pga to LA (444,10/31;Wickett-MD)
- 6165 0455 R. Nederland, Bonaire Relay:Eng.w/Happy Station pgm (555,11/5;Nebron-CA)
- 6170 0615 R. Nederland, Bonaire Relay:Eng.w/Happy Station pgm (555,11/5;Redman-IL)
- 9590 0030 R. Nederland, Bonaire Relay:Dutch w/nx (444,11/5;Trzaskus-IL)
- 9715 0500 R. Nederland, Bonaire Relay:Eng.w/"DX Jukebox" (--5,11/9;Szot-CA)
- 11730 0220 R. Nederland, Bonaire Relay:Eng.w/"His & Hers" pgm (555,10/31;Trzaskus-IL) (444,0200,11/4;Shaw-PA) (544,0200,10/19;Geckle-MD)
- 11785 2213 Trans World Radio:Sp.w/IS,nx,9RM BBC (533,10/12;Wickett-MD)
- 11815 0103 Trans World Radio:Eng.w/nx,rel. tlk (--4,10/30;Davidonis-MA) (443,0028,11/4;Day-CA) (444,0045,10/25;Geckle-MD) (444,0030,11/5;Brown-CA) (433,0033,10/25;Cleveland-CA)
- 11840 2217 Trans World Radio:Eng.w/ID after Fr. pgm (544,10/21;Wickett-MD)
- 15220 2218 R. Nederland, Bonaire Relay:Dutch w/pop mx (322,11/4;Trzaskus-IL)
- 15255 2335 Trans World Radio:Russian w/ID, sign on (433,10/12;Wickett-MD)
- 15350 2222 Trans World Radio:Port.w/rel. pgm (454,10/12;Wickett-MD)

NICARAGUA

- 9595 1315 YNTP R. Max:Sp.w/pop mx,frequent IDs (333,10/14;Brooks-CT)

PERU

- 3240 1048 OBX4U R. América:Sp.w/Andean mx (333,10/13;Collier-NY)
- 4795 0347 OAX8F R. Atlántida:Sp.w/pop mx, IDs (433,10/13;Patterson-CA)
- 4815 0445 OAX8X R. San Martín:Sp.w/mx, ID w/location @ 0457 sign off w/ anthem (343,11/8;Cleveland-CA)
- 4975 0414 OAX4H R. del Pacífico:Sp.w/classical mx, sign off @ 0428 w/ID and freqs (443,11/7;Cleveland-CA)
- 4996 1015 OAX4C R. Andina:Sp.w/Andean mx, IDs, TCs (433,11/6;Marshall-ONT)
- 5010 0432 OAX8V R. Eco:Sp.w/LA mx, IDs w/echo effect (444,10/12;Fleming-NY) (443,0450,10/14;Marshall-ONT) (243,0415,11/8;Flynn-CA)
- 5025 1040 OAX7Q R. Quillabamba:Sp.w/ID, Andean songs by YL (353,11/11;Sparks-CA) (322,1045,10/20;Marshall-ONT)
- 5040 0750 OAX2K R. Libertad:Sp.w/Andean mx deds (343,10/12;Marshall-ONT)
- 5970 0550 OBX4Q R. El Sol:Sp.w/LA mx,comls,TCs (343,10/21;Dawson-CA) (433,0358,10/18;Cleveland-CA) (433,0600,10/19;Day-CA)
- 6020 1100 OAX4Q R. Victoria:Sp.w/Peruvian mx (322,10/22;Zilmer-WI)
- 6045 0300 OXY4H R. Santa Rosa:Sp.w/Andean mx, covering Sweden tonight (443,11/7;Zilmer-WI)

PERU

- 9675 1120 OAZ+L R. del Pacifico:Sp.w/flute mx, ID as "Desde nos estudios en Lima, Peru transmite R. del Pacifico", more Andean mx (444, 10/20; Marshall-ONT) (454, 11/8; Jones-MS)  
 9770 1100 OAX80 R. Amazonas:Sp.w/sign on w/anthem, ID(353, 10/22; Marshall-ONT)

UNITED STATES OF AMERICA

- 6055 0540 United Nations Radio:Fr./Eng. w/nx (333, 10/24; Day-CA)  
 9555 0500 United Nations Radio:Eng./Fr. w/UN nx (544, 10/31; Day-CA)  
 15130 2005 WYFR Family Radio:Eng.w/bible readings (444, 10/27; Day-CA)  
 15280 2329 KGEI LV de la Amistad:Sp.w/ID,nx,mx(444, 10/9; J.Smith Jr.-NY)  
 17845 1844 WYFR Family Radio:Eng.w/"Encounter" pgm, ID (534, 10/28; Trzaskus-IL) (434, 1700, 11/4; DeAngelis-CA) (-3, 10/25; Testa-MA)

URUGUAY

- 11835 0023 CXA19 R. El Espectador:Sp.w/cmnty, ID (321, 10/30; Cleveland-CA) (433, 2350, 10/29; Zilmer-WI) (334, 2304, 10/27; Shaftan-NY)

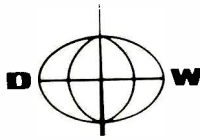
VENEZUELA

- 3255 0200 YVQL LV de El Tigre:Sp.w/mx (443, 10/17; Zilmer-WI)  
 3290 0225 YVOG R. Trujillo:Sp.w/tropical mx(332, 10/17; Zilmer-WI)  
 4770 0930 YVNW R. Bolivar:Sp.w/comedy, IDs, TCs, LA mx (344, 10/26; Paschke-IL) (343, 0345, 10/31; Cleveland-CA)  
 4800 0322 YVMO R. Lara:Sp.w/pretty LA pop mx, ID (423, 10/8; Patterson-GA) (444, 0350, 10/22; Cleveland-CA)  
 4810 1000 YVMG R. Popular:Sp.w/talk, music (-4, 10/20; Szot-CA)  
 4830 0345 YVOA R. Tachira:Sp.w/nx, frequent TCs, usually smothered by THH (221, 10/25; Marshall-ONT)  
 4840 0240 YVOI R. Valera:Sp.w/LA mx, TC & ID between discs (343, 10/14; Cleveland-CA) (423, 0343, 10/20; Patterson-GA) (-3, 0324, 11/2; Miller-OH)  
 4860 0310 YVQE R. Maracaibo:Sp.w/vocals, IDs (333, 11/9; Redman-IL)  
 4880 0140 YVMS R. Universo:Sp.w/rook mx, ID (412, 10/12; Patterson-GA)  
 4890 0147 YVKB Rdif. de Venezuela:Sp.w/rook mx, IDs, many ads (544, 10/15; Smith-TN) (323, 0345, 10/27; Zimrowski-MA) (343, 0230, 10/21; Cleveland-CA) (444, 2352, 11/2; Wickett-MD) (433, 0250, 10/17; Redman-IL)  
 4900 0300 YVNK R. Juventud: Sp.w/US pop mx, anmts of "Buenos noches en Venezuela" (433, 10/22; Redman-IL)  
 4940 0342 YVPA R. Yaracuy:Sp.w/LA mx, repeated IDs, sign off @ 0359 w/anthem (433, 11/7; Cleveland-CA) (232, 0025, 10/30; Paschke-WI) (433, 0125, 10/29; Redman-IL)  
 4960 0235 YVAO R. Sucre:Sp.w/ID, tlk (222, 11/13; W. Smith-MA)  
 4970 0924 YVLK R. Rumbos:Sp.w/mx, tlk, comls (433, 11/9; Jones-MS) (444, 0215, 11/1; Nebron-CA) (333, 0230, 11/13; W. Smith-MA) (433, 0400, 10/17; Redman-IL)  
 4980 0215 YVOC Ecos del Torbes:Sp.w/"Chevron" ad, mx, ID (333, 11/5; Butterfield-MA) (444, 0200, 10/16; Geckle-MD) (323, 0243, 10/27; Zimrowski-MA) (-3, 0200, 10/18; Szot-CA) (433, 1045, 10/28; Redman-IL) (444, 0220, 11/13; W. Smith-MA)  
 4990 0220 YVMO R. Barquisimeto:Sp.w/tlk, mx (-4, 10/18; Szot-CA) (433, 0330, 10/17; Redman-IL) (433, 1005, 11/9; Jones-MS) (132, 0220, 11/13; W. Smith-MA) (322, 0138, 10/17; Wickett-MD) (333, 0115, 10/31; Paschke-WI) (545, 0130, 10/13; Geckle-MD) (555, 0251, 9/13; Smith-TN)  
 5030 0455 YVMK R. Reloj Continente:Sp.w/mx, ads, ID, off @ 0507 (354, 11/10; Kolb-CA) (343, 0150, 11/13; W. Smith-MA) (343, 0455, 10/20; Cleveland-CA) (544, 0131, 10/21; Fleming-NY) (433, 0400, 11/7; Butterfield-MA) (-4, 0420, 10/17; Szot-CA)  
 5050 0315 YVKD R. Mundial:Sp.w/LA mx, ID (232, 10/15; Cleveland-CA) (333, 0200, 11/13; W. Smith-MA) (232, 0037, 10/31; Paschke-WI) (433, 0125, 10/22; Fleming-NY)  
 6070 2210 YVSR R. San Sebastián:Sp.w/tlk by YL (343, 10/22; Kelley-FL) (242, 1030, 10/31; Paschke-WI) (422, 1100, 10/19; Zilmer-WI) (433, 0110, 10/22; Shaftan-NY)  
 6160 0941 YVMO R. Canaima:Sp.w/LA mx, IDs, TC (344, 10/26; Paschke-WI)  
 6180 1115 YVSD R. Turismo:Sp.w/IDs, TCs, LA music (322, 10/31; Paschke-WI)  
 9680 1210 YVQP R. Puerto La Cruz:Sp.w/ads, IDs, pop mx (322, 10/21; Brooks-CT)  
 9750 1030 YVOS R. Occidente:Sp.w/anthem, ID @ sign on (322, 10/24; Jones-MS)

WINDWARD ISLANDS

- 5015 0145 R. Grenada:Eng.w/"Radio Doctor" pgm (333, 11/13; W. Smith-MA) (433, 2330, 10/18; Zilmer-WI)  
 15105 1945 R. Grenada:Eng.w/pop mx, nx, cmnty (433, 10/29; Zilmer-WI)

# SWBC DX - EUROPE/AFRICA



Deadline: 15th  
Times & Dates: GMT  
Frequencies: kHz

Robert Butterfield  
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**highlights:** This month we have a wide range of reports and comments from reporters. In Europe we have a report on Sender Freies Berlin along with a variety of Pirate stations. In Africa, we have some interesting loggings from Burundi and Mauritius. More reports of Sierra Leone are present and the Seychelles is still coming in with good consistency. On to the reports.

-EUROPE-

ALBANIA

- 7300 0130 R. Tirana: Eng w/ nx, comtry (--4 11/1 Davidonis-MA);(323 10/23 Stephenson-CA);(333 10/21 Geckle-MD);(--3 0330 10/19 Sigel-IA)  
9780 0000 R. Tirana: Eng nx, mx (433 10/20 Brown-CA);(444 11/5 Trzaskus-IL);(432 0318 10/18 Cleveland-CA)

AUSTRIA

- 6155 0330 Osterreichisher Rundfunk: Eng w/ "Report from Austria" (333 10/27 Snyder-CA);(331 0340 10/26 Cleveland-CA);(343 10/16 Bodell-OR)  
15335 1830 ORF: Eng w/ nx, comtry (433 10/27 Zilmer-WI)



Technical Department  
P. O. Box 200 A-1043 VIENNA

BELGIUM

- 9655 2255 Radiodiffusion-Television Belge: Eng w/ "Belgium Speaking", rebroadcast at 0040 (444 10/30 Bodell-OR)

BULGARIA

- 9700 0010 R. Sofia: Eng w/ comtry, DX prgr (--4 10/27 Larkin-ENGLAND); (333 0425 11/10 Beck-OH);( --4 2137 10/19 Geckle-MD);(444 0000 11/5 Trzaskus-IL)

CYPRUS

- 11955 0300 BBC, East Meditteranean Relay: Eng w/ nx (--4 10/9 Sridhar-INDIA)

CZECHOSLOVAKIA

- 5930 0000 R. Prague: Port w/ nx, mx to SA (--4 10/27 Larkin-ENGLAND); (343 0130 in Eng 11/9 Davidonis-MA)  
7345 0010 R. Prague: Eng w/ "Listener's Corner" (322 11/5 Kratter-NY); (433 0300 10/20 Sigel-IA);(322 0315 10/25 Day-CA);(343 0335 10/28 Snyder-CA)  
9600 0145 R. Prague: Eng w/ mailbag prgr (444 10/27 Stephenson-CA)  
11990 0140 R. Prague: Eng w/ mx (232 10/16 Sridhar-INDIA);(--4 1816 11/10 Wickett-MD)

DENMARK

- 15165 1600 R. Denmark: Danish prgr w/ Eng ID (344 11/6 Bodell-OR)

FINLAND

- 9585 0300 R. Finland: Eng w/ "Finn DX Program", "It's Saturday" w/ study of jokes, "mostly 'X' rated"(544 11/4 Day-CA) If you're under seventeen Ed, you shouldn't be listening to that! hi! rfb. (434 10/10 Bodell-OR);(444 0305 11/4 Cleveland-CA)  
15185 1400 R. Finland: Eng nx, talks (444 10/19 Sigel-IA);(555 10/27 Geckle-MD);(444 10/19 Shaw-PA)

FRANCE

- 11745 1614 Office de Radiodiffusion Television Francaise: Fr w/ IS, fqys, into prgr (--4 10/28 Miller-OH)  
15155 1030 ORTF: Eng prgr to Africa (243 10/26 Paschke-WI)  
21645 1635 ORTF: Fr w/ talks and French/U.S. pop mx, // 21620 21675 (433 11/3 Cleveland-CA)


GERMANY, EAST

- 21475 1300 Radio Berlin International: Eng nx, comtry to africa (333 10/27 Zilmer-WI)

HAPPY HOLIDAYS!!!



GERMANY, WEST

6010 0200 Deutsche Welle: Eng prgr (--4 10/25 Geckle-MD)  
 6040 0135 Dv: Eng nx (--3 10/18 Geckle-MD)  
 6075 0130 Dv: Eng s/on, nx (444 11/5 Dobosenski-MI);(444 0209 11/6 Beck-OH);(434 0215 11/9 Davidonis-MA);(544 0432 11/4 Trzaskus-IL);(544 2323 11/4 Fleming-NY)  
 6145 0300 Dv: Ger nx, comtry (--3 11/1 Davidonis-MA);(444 0440 in Eng 10/15 Cleveland-CA);(434 0550 10/14 Stephenson-CA)  
 6175 0435 Dv: Eng s/on, nx (555 11/7 Brown-CA)  
 6190 1753 Sender Freies Berlin: Ger w/ mx prgr & clear ID (454 10/11 Calkin-ENGLAND) They moved you again, huh Greg! rfb.  
 9690 0200 Dv: Eng nx (444 10/22 Stephenson-CA)  
 11755 1700 Dv: Eng prgr (444 11/5 Bodell-OR)  
 15275 1650 Dv: Urdu prgr into Eng at 1700 (232 10/26 Snyder-CA)   
 17875 1200 Dv: Eng nx to Africa (443 10/25 Zilmer-WI)  
 21560 0955 Dv: Eng w/ "German by Radio", s/off 1020 (343 10/20 DuRant-THAILAND)  
 21600 1200 Dv: Eng nx (353 10/25 Zilmer-WI)

GREAT BRITAIN

5975 2245 BBC: Eng prgr, new fqy replacing long-used 6110 (454 10/30 Brooks-CT) To NA w/ //s of 7325 9580 11750 during certain times for those interested. rfb.  
 6040 0430 VOA, Wofferton: Eng nx (444 10/26 Brown-CA)  
 6110 0015 BBC: Sp w/ s/on of IA Service, switch w/ 5975? (444 10/30 Brooks-CT);(242 0515 in Fr 11/3 Snyder-CA)  
 15070 1718 BBC: Eng w/ mx (353 10/27 Dawson-CA)  
 15205 1603 VOA: Eng nx (444 10/22 Brown-CA)  
 25650 1300 BBC: Eng nx (353 10/27 Zilmer-WI)

**BBC**GREECE

7170 0445 VOA, Kavala: Russ w/ talks, s/off 0500 (211 10/28 Snyder-CA)  
 11960 1615 VOA, Kavala: Greek prgr, ID 1629, another @ 1630 into Czech prgr (434 11/8 Shinn-CA)

HOLLAND

6020 1918 R. Nederland: Eng w/ features, mx (--4 10/27 Larkin-ENGLAND)  
 6165 0500 R. Nederland: Eng "Happy Station" (555 11/4 Wilson-CA)  
 11730 0230 R. Nederland: Eng prgr (--4 10/31 Davidonis-MA);(--4 2130 10/25 Beck-OH);(--4 2245 10/25 Geckle-MD)  
 21480 1400 R. Nederland: Eng s/on, ID, nx (353 10/19 DuRant-THAILAND); (433 10/14 Zilmer-WI)

HUNGARY

9833 0100 R. Budapest: Eng s/on, nx (211 11/9 Brown-CA);(422 0110 10/28 Day-CA);(333 0203 11/5 Jones-MS);(--4 1959 10/19 Larkin-ENGLAND);(332 0230 10/31 Snyder-CA).

INTERNATIONAL MATTERS

6205v 0130 R. Nordsee International: Eng w/ rock mx, sometimes in unid lang, address in Holland still given (454 10/26 Smith-TN); (442 10/29 0250 Zilmer-WI)

ITALY

6010 0100 Radiotelevisione Italiana: Eng s/on, nx (444 11/5 Dobosenski-MI)  
 9575 0101 RAI: Eng nx, mx // 11810 (434 10/24 Jones-MS);(444 0103 10/27 Cleveland-CA);(333 0105 11/9 Brown-CA)  
 11810 2230 RAI: Ital prgr, mx (--4 10/14 Larkin-ENGLAND)

LUXEMBOURG

6090 0009 R. Luxembourg: Eng w/ rock mx (333 11/6 Smith-TN)

MONACO

6165 0410 Trans world Radio: Eng s/on w/ "DX Special" (333 10/27 Snyder-CA)

NORWAY

11860 1615 R. Norway: Norwegian/Eng w/ talk (332 10/24 Snyder-CA)  
 15345 1600 R. Norway: Eng "News & Views", "Listener's Corner" (343 10/28 Brooks-CT);(333 10/28 Zilmer-WI)

POLAND

7200a 1208 Polish R.: Eng w/ features, mailbag (--4 10/27 Larkin-ENGLAND)

PORTUGAL

6025 0200 R. Portugal: Eng nx (444 10/11 Wickett-MD);(444 11/4 Shaw-PA);(232 0215 11/6 Davidonis-MA)  
 11840 0215 R. Portugal: Eng w/ "Press Roundup" (333 11/4 Kratter-NY); (343 0300 10/26 Snyder-CA);(343 2305 in Port 10/25 Paschke-I)  
 21495 1652 R. Portugal: port w/ mx, s/off, ID (443 11/3 Cleveland-CA); (433 1910 in Eng 10/21 Trzaskus-IL)

ROMANIA

5990 0300 R. Bucharest: Eng w/ IS, ID, s/on (--3 11/4 Miller-OH)  
 11775 1948 R. Bucharest: Eng prgr (presumed, no details Ron) (433 10/11  
 Wickett-MD)

15250 1300 R. Bucharest: Eng nx (433 10/30 Zilmer-WI)

RSFSR, EUROPEAN

5065 0430 R. Petrozavodsk (HS): Russ nx (--4 10/21 Henderson-VA) Dan,  
 the Kerelo-Finnish SSR no longer exists, it is now the  
 Karelian ASSR, an autonomous republic in the RSFSR. rfb.

SPAIN

6065 0100 Radio Nacional de Espana: Eng nx, mx (444 10/28 Shaw-PA);  
 (--5 0130 10/18 Geckle-MD)  
 6140 0115 RNE: Eng nx, comtry, "Spanish Hit Parade", s/off 0145 (544  
 11/6 Davidonis-MA)  
 9630 0000 RNE: Sp w/ s/on, nx (444 11/5 Beck-OH);(444+ 0040 10/24 Jones-  
 MS);(444 0100 10/27 Stephenson-CA) J. Kratter, your logging  
 is most likely an image reception. rfb.  
 11775 1945 RNE: Sp w/ cl mx (454 10/28 Cleveland-CA);(454 1945 10/21  
 Trzaskus-IL);(333 2000 10/25 Paschke-WI)  
 17805 1300 RNE: Sp w/ s/on, talk, mx (333 10/31 Paschke-WI);(444 1345  
 10/25 Cleveland-CA)

SWEDEN

6000 0030 R. Sweden: Eng s/on, hvy QRM (111 11/5 Dobosenski-WI);(222  
 0200 better at this time, but not much 11/6 Butterfield-MA)  
 9630 1230 R. Sweden: Eng features, mx (--4 10/28 Larkin-ENGLAND)  
 11795 1600 R. Sweden: Eng prgr (344 11/8 Bodell-OR)  
 11930 1630 R. Sweden: Eng prgr to Middle East (--4 10/8 Sridhar-INDIA)  
 21615 1400 R. Sweden: Eng prgr (231 11/4 Brooks-CT)

SWITZERLAND

5980 0430 SBC: Eng w/ nx (333 11/5 Fleming-NY)  
 6120 0145 SBC: Eng w/ nx (444 11/5 Dobosenski-WI);(211 0145 10/25  
 Snyder-CA);(444 0145 11/3 Shaw-PA)  
 9535 0150 SBC: Eng w/ "SW Merry-go-round", answered letter from Bill  
 Flynn, mentioned HAF (433 10/28 Snyder-CA);(423 0129 10/9  
 Jones-MS);(423 0141 10/23 Trzaskus-IL);(543 0205 10/27 Day-  
 CA);(--4 1530 10/14 Larkin-ENGLAND) wheeww!  
 11715 0145 SBC: Eng s/on, nx (333 10/31 Cleveland-CA);(555 10/28 Beck-OH)  
 15430 1315 SBC: Eng "Dateline" prgr to Far East (322 10/25 Zilmer-WI)  
 17830 1315 SBC: Eng w/ s/on, ID, nx (333 10/20 DuRant-THAILAND);(343  
 1530 10/28 Zilmer-WI) //21520 for 1315 xmsn

USSR, EUROPEAN

9685 0030 R. Vilnius: Eng comtry (242 10/28 Snyder-CA)  
 9720 0300 R. Kiev: Eng s/on, nx (232 11/6 Brown-CA)  
 11860 1545 R. Station Peace & Progress: Eng talk (232 11/4 Snyder-CA)  
 12050 0300 R. Kiev: Eng nx (434 11/4 Brown-CA);(453 11/4 Snyder-CA)  
 15210 0030 R. Kiev: Eng talk, // 15245 and others (343 10/14 Snyder-CA)

VATICAN STATE

5995 0C20 R. Vaticana: U/lang w/ tlk, choral mx, ID, s/off 0027 (--3  
 10/29 Miller-OH);(444 0100 11/5 Dobosenski-WI)  
 6190 0100 R. Vaticana: Eng nx, talk (544 11/8 Davidonis-MA)  
 9615 0100 R. Vaticana: Eng s/on (434 11/5 Trzaskus-IL)  
 11845 0100 R. Vaticana: Eng prgr (523 10/21 DeAngelis-CA);(433 10/28  
 Snyder-CA)

YUGOSLAVIA

15240 1530 R. Belgrade: Eng nx, folk mx concert (422 10/28 Brooks-CT)

-AFRICA-ANGOLA

4937 2105 R. Clube de Lobito: Port w/'football' game (--4 10/20  
 Henderson-VA)  
 4985 0400 R. Ecclesia: Port w/ s/on, church mx, some pop mx around 0444  
 (--5 10/21 Henderson-VA)  
 9535 0540 Emisora Oficial: Port w/ pop mx (323 10/28 Giannini-IL)  
 9660 0500 A Voz de Angola: Port w/ s/on, anthem, mx, repetitive ID  
 (322 11/4 Kaye-CT)

ARAB REPUBLIC OF EGYPT

9475 0200 R. Cairo: Eng nx, mx (453 11/3 DeAngelis-CA);(222 0200 10/23  
 Stephenson-CA);(444 0210 11/13 Pierce-MA);(434 0245 11/4  
 Brown-CA);(442 0245 10/29 Cleveland-CA);(354 0250 10/26  
 Day-CA);(222 0300 11/7 Davidonis-MA)  
 17625 1315 R. Cairo: Eng mx, talk (353 10/27 Zilmer-WI)  
 17920 1330 R. Cairo: Eng nx (353 10/27 Zilmer-WI)

ASCENSION ISLAND

9510 0325 BBC, Atlantic Relay: Eng talk, cl mx (444 11/3 Trzaskus-IL)  
 9600 0640 BBC: Fr w/ Eng lang lessons (454 10/25 Dawson-CA)  
 15105 1720 BBC: Eng mx (353 10/27 Dawson-CA)

BOTSWANA

4840 0400 R. Botswana: Setswana w/ s/on after bell IS, anthem (332 10/25 Marshall-ONTARIO)

BURUNDI

3300 0330 La Voix de la Revolution: Fr w/ IS, s/on, native mx, nx, tlks, w/ exc signals for more than 2 hours! // 6140 (-5 10/21 Henderson-VA)  
 6140 0330 LV de la Revolution: Fr w/ s/on, IS, ancmts, afro mx (333 10/21 Collier-NY) Note the same dates, times of reception. rfb.

CAMEROON

4972.5 2200 R. Yaounde: Fr t/in to ancmts, afro mx (343 10/14 Fay-MA)  
 5010 0505 R. Garoua: Vern w/ arabic chants, hrd often this time (231 10/25 Marshall-ONTARIO); (344 2145 in Fr, into s/off 2200 10/14 Fay-MA)

CANARY ISLANDS

11800 0030 Radio Nacional de Espana: Sp mx, nx (434 10/16 Stephenson-CA); (443 11/4 Day-CA); (433 0144 10/25 Cleveland-CA)

CAPE VERDE

3930 2300 R. Barlavento: Port w/ ancmts, gong, local mx past 2330 (344 10/14 Fay-MA) Jon reports he's received his QSL already (11/15). rfb.

CENTRAL AFRICAN REPUBLIC

5038 0450 Radiodiffusion Nationale Centrafricaine: Vern w/ afro mx (-3 11/4 Miller-OH); (332 0510 10/22 Cleveland-CA); (342 2130 10/26 Zilmer-WI)

CHAD

4904.5 2105 Radiodiffusion Nationale Tchadienne: Fr w/ afro mx, ancmts, nx, then s/off 2130 (333 10/14 Fay-MA); (232 2148 11/11 Collier-NY)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 2210 Radiodiffusion Television Congolaise: Fr w/ talks, mx progr (344 10/11 Fay-MA)  
 15190 1900 RTVC: Fr talk on Mid East (444 10/17 Fleming-NY); (544 1906 11/7 Leistner-CA); (333 1920 10/16 Cleveland-CA)

DAHOMEY

4870 0558 Radiodiffusion du Dahomey: Fr(?) w/ national mx, w/ drums, vocals, very weak (141 11/12 Flynn-CA)

ETHIOPIA

7165 0328 ETLF: Eng w/ drum IS, ID, into Swahili to E & Cen Africa (332 10/17 Day-CA); (333 0404 11/4 Smith-TN)  
 11955 1330 ETLF: Eng nx (443 10/29 Zilmer-WI)

GABON

4777 0432 Radiodiffusion Television Gabonaise: French w/ s/on, anthem, ancmts by man, into mx (242 11/10 Flynn-CA); (332 0505 10/21 Cleveland-CA)

GAMBIA

4820 0710 R. Gambia: Eng w/ end of BBC nx, ID "You are tuned to R. Gambia broadcasting from Banjul", then R. Gambia nx (343 10/28 Marshall-ONTARIO)

GHANA

4915 0600 Ghana Broadcasting Corporation: Eng w/ ID, nx to 1612 (152 10/22 Dawson-CA); (333 11/3 Snyder-CA); (343 11/6 Cleveland-CA); (333 11/8 Brown-CA); (433 0610 11/5 Day-CA)  
 6130 2200 GBC: Eng nx (433 10/27 Zilmer-WI)  
 9545 2115 GBC: Eng nx (343 11/8 Bodell-OR)  
 11850 2000 GBC: Eng w/ African mx, drums, talk, short story (433 10/27 DeAngelis-CA); (443 2003 10/27 Leistner-CA)  
 15190 1330 GBC: Eng rel progr (422 10/14 Zilmer-WI)  
 21545 1530 GBC: Eng nx (433 10/14 Zilmer-WI)

IVORY COAST

4940 2245 Radiodiffusion Television Ivoirienne: U/lang w/ afro mx (443 10/26 Zilmer-WI)  
 11920 1845 RTVI: Eng w/ rock mx until 2000, then into Fr w/ non-stop native mx after ID (554 10/20 Sigel-IA); (322 Eng nx 1845 11/13 Pierce-MA); (333 0001 s/off after nx, ID 10/16 Cleveland-CA); (444 0600 11/4 Kaye-CT)



LIBERIA

- 3255 2230 ELBC: Eng/vern w/ tlks, ads, mx to 0000 s/off (333 11/7 Fay-MA) cf Nov SPEEDA, should be ELBC, guess I type to many ELWA's. hi! rfb.  
 7195 0515 VOA, Monrovia: Eng w/ "Breakfast Show" (332 10/27 Snyder-CA)  
 15170 2000 ELWA: French(?) prgr, per WRTM, "didn't sound like French I'm used to (333 10/19 Lovett-OH)

MALAGASY

- 11730 1850 R. Nederland: Eng "His & Her" (322 11/13 Pierce-MA)  
 11740 1359 R. Nederland: Eng s/on, 1400 ID, nx (454 10/22 DuRant-THAILAND);(433 1400 10/25 Zilmer-WI); (232 1500 11/3 Snyder-CA)  
 15320 1220 R. Nederland: Eng w/ headlines, s/off (322 11/7 Pierce-MA)

MALI

- 4780 2220 R. Mali: (TENT) Fr talks, listed last month as Afars & Issas should have been tentative (444 10/11+ Fay-MA) TXN Jon. rfb.  
 5995 2300 R. Mali: Fr & vern w/ mx, talk, s/off 0000 (433 10/26 Zilmer-WI);(422 0750 w/ mx, s/off 0759 11/3 Marshall-ONTARIO)

MAURITANIA

- 4850 0658 Radiodiffusion Nationale Mauritanie: Fr w/ Arabic chants, talks, songs (353 10/30 Fleming-NY);(455! 2243 10/11 Fay-MA)

MAURITIUS

- 9710 1100 Mauritius Broadcasting Corporation: Fr/vern ancmts during chants, talks, t/out 1200 (232 10/16+ Fay-MA) Great catch Jon! Last reported in SPEEDX a year ago. rfb.

MOROCCO

- 6040 2315 VOA, Tangiers: Eng "Jazz Hour" (444 10/25 Brown-CA)  
 9615 0124 Radiodiffusion Television Marocaine: Ar w/ mx, understandable ID @ 0206 (242 10/27 Snyder-CA);(343 0133 10/24 Jones-MS)  
 15195 1629 VOA: Eng ID, Turkish prgr (443 10/24 Leistner-CA)  
 15235 1700 VOA: Lithuanian w/ nx, comtry, relay? (-3 10/31 Davidonis-MA) Engineering Sked lists this as Greenville Lennie, but it could have been changed. rfb.

MOZAMBIQUE

- 3210 2130 R. Clube de Mocambique: Port prgr (--3 10/20 Henderson-VA)  
 3241 2143 RCM, Beira: (TENT) U/lang w/ drums @ 2143, pop mx 2145 (--3 10/20 Henderson-VA)

NIGER

- 5020 0555 Office de Radiodiffusion-Television du Niger: Fr w/ drum mx to 0600, then wailing flute and man announcer (121 10/26 Marshall-ONTARIO)

NIGERIA

- 6146A 2215 Nigerian Broadcasting Corporation, Calabar: U/lang w/ afro style mx (422 10/27 Zilmer-WI) Lists 6145. rfb.  
 6050 0553 Western Nigerian Broadcasting Service: Eng/U/lang w/ pop mx, ads, BBC nx (322 10/22 Fleming-NY)

RHODESIA

- 3308 0355 Rhodesia Broadcasting Corporation: (TENT) U/lang w/ ancmts, talk (222 11/8 Flynn-CA)  
 3396 0355 RBC: Eng w/ "Thought for the Day", nx, two ID's (422 11/12 Leistner-CA)

SENEGAL

- 3336 2200 Radiodiffusion du Senegal, Ziguinchor: Fr w/ afro choral mx, ancmts (243 11/7 Fay-MA)  
 4890 2230 Rdif du Senegal: Fr pop mx, talks (443 10/11 Fay-MA)

SEYCHELLES

- 11955 1730 Far East Broadcasting Association: Farsi til 1745, Eng to 1800 (242 10/26 Snyder-CA);(333 1745 10/25 Zilmer-WI);(-3 10/28 Miller-OH);(433 1755 10/28 Cleveland-CA)  
 15270 1255 FEBA: Eng w/ IS, s/on 1259 w/ address, "Church of the Air", mx (444 10/21 DuRant-THAILAND)

SIERRA LEONE

- 5980 0805 R. Sierra Leone: Eng w/ afro mx, ads, "amazingly strong for listed 0.5 kw, I'd take that w/ a grain of salt" (343 11/3 Marshall-ONTARIO)  
 3316 2215 R. Sierra Leone: Eng w/ end of comtry, mx, ancmts @ 2230 (343 11/7 Fay-MA) Sorry, out of place. rfb.

SOUTH AFRICA

- 3250 0201 SABC: Eng w/ waltz mx (--3 10/21 Miller-OH);(343 0330 10/22 Cleveland-CA)  
 3965 0405 SABC: Eng w/ talk (332 10/19 Cleveland-CA)  
 3997 0450 SABC: Eng/Afrikaans w/ pop mx & deoderant ads (443 10/17 Cleveland-CA)

SOUTH AFRICA (cont.)

- 4790 0310 JABC: Eng/Afrikaans w/ "rise and shine breakfast show, pops, ads, lots of ads from "Grandpa's Headache powder" to detergent" (343 10/24 Cleveland-OH); (343 0322 10/28 Smith-TN); (232 0345 10/24 Snyder-OH); (-4 2330 10/31 "Lots of people are reporting this as Turks and Caicos Islands, they are wrong!" Miller-OH) al, though the frequencies are close 4788 and 4790 and though the JABC is unlisted in WRTM, it still is possible to hear WJ18. This just points out the need for DX'ers to hear ID's, not presume them. Note that I have yet to tune in either here. How 'bout other East coasters. rfb.
- 4830 0402 JABC: Eng talks, unlisted fgy (332 10/31 Cleveland-CA); (221 0400 10/26 Marshall-ONTARIO)
- 4875 0405 JABC: Afrikaans w/ talk & nx (454 10/26 Cleveland-CA); (232 0511 11/10 Smith-TN)
- 6035 0035 RSA: Eng ID, nx, mx (333 10/28 Shaw-PA); (343 0040 10/30 Brooks-CT)
- 9695 0025 RSA: Eng w/ pop mx (333 10/24 Jones-MO); (434 0211 10/31 Trzaskus-IL); (322 2342 11/5 Wickett-MD)
- 11900 2259 RSA: Eng w/ pop mx //s 9695 11970 (best) 9585 (444 10/17 Cleveland-CA)
- 11970 1944 RSA: Eng mailbag (554 11/6 Wickett-MD); (-4 2302 10/30 Davidonis-MA); (322 2235 10/27 Beck-OH); (-4 0035 10/25 Geckle-MD); (433 2235 10/25 Pashke-WI)
- 15175 1825 RSA: Eng nx (333 10/16 Jones-MS)
- 25790 1305 RSA: Eng w/ sports summary (353 10/27 Zilmer-WI)
- TANZANIA  
15435 1735 R. Tanzania: Eng w/ Amer mx, ID @ 1745, nx 1800 (433 11/11 Kaye-CT); (311 1800 ??? Eagen-PA)

TOGO

- 5047 0545 Radiodiffusion du Togo: Fr w/ talk, some native mx (333 11/6 Cleveland-CA); (332 0528 11/4 Snyder-CA); (142 0615 10/21 Dawson-CA); (443 2145 10/26 Zilmer-WI)

UGANDA

- 5026 2100 R. Uganda: (JEMT) Eng w/ instr mx, ancmts, nx (WRTM) @ 2100, s/off 2106 (132 11/4 Collier-NY)

UPPER VOLTA

- 4815 0630 Radiodiffusion-Television Voltaique: Fr(?) w/ afro mx, political talk (?) by man (232 11/6 & 12 Flynn-CA); (-3 10/24 Miller-OH)

ZAIRE

- 4750 2045 R. Lubumbashi: Fr w/ native mx, f/in (??? 10/20 Henderson-VA)
- 4839 2020 R. Bukavu: Fr w/ talk, f/in (??? 10/20 Henderson-VA)
- 11870 0100 R. Lubumbashi: Fr w/ mx (433 10/11 Zilmer-WI); (444 0400 11/2-4 Kaye-CT); (334 2002 10/28 Shafton-NY)
- 15245 2010 Radiodiffusion Television Nationale du Zaire: Fr mx (342 11/3 Cleveland-CA)

ZAMBIA

- 3346 0340 Zambia Broadcasting Service: U/lang w/ drums, mx (343 11/8 Flynn-CA)

-UNIDENTIFIED-

UNIDENTIFIED

- 17745 1920 Eng/lang/Fr w/ foreign mx, fays, 15160, 17???, missed ID (433 10/21 Trzaskus-IL)

-CLANDISTINE-

CLANDISTINE

- 6225 1241 R. Venus North: Pirate w/ pop mx and test xmsn ancmts (343 10/14 Calkin-ENGLAND)
- 6230 1001 R. Gemini: Pirate w/ pop mx and recording of old mid-60's pirate, King Radio (453 10/7 Calkin-ENGLAND)
- 6235 1224 R. Hit International, Dülmen, West Germany (reportedly): w/ pop mx and frequent ID's in Ger & Eng as test xmsn, poor modulation (333 10/14 Calkin-ENGLAND)
- 6240 1210 R. Gemini North: Pirate w/ mx, ID (232 10/7 Calkin-ENGLAND)
- 6250 1107 R. City: Pirate w/ mx, ID's and request for DX tips for their DX prgr and request for reports (343 10/14 Calkin-ENGLAND)
- 6250 0755 Time Radio: Pirate (reportedly in Holland) w/ special prgr to 0630 s/off on the closure of world music Radio by Dutch RTR on what was Jack's fgy. (444 10/7 Calkin-ENGLAND)



## EUROPE/AFRICA ROUNDUP:

Ciao! First, thanks to the many new reporters this month: Bob Bodell, Ed Day, Leonard Davidonis, Kevin Fleming, Harold Kaye, John Larkin from Great Britain, Brandon Lovett, Verlin Shinn, Scott Sigel, Tom Smith, and Ted Wilson. Don Moore, your loggings came too late. Hope you guys will continue to contribute, some good loggings from you fellows.

Remember for all of you to use the SIO code when reporting to SWBC DX columns.

In the work saving department I'd like to thank those of you who are cutting up your logging strips ahead of time. It does make things a heck of a lot easier for me. However, don't forget to enclose your full address and your receiver model. It's easier to use the top portion of the logging slip that is for this purpose.

Another reminder for all. If you aren't reasonably sure the first time you hear a station what that station really is, then listen for an identification or other positive means of the same. If you still aren't sure, tell the editor or list it as tentative. More often than not, a QSL or a positive identification at a latter date will clear up the matter.

Finally, I want to wish all of you a Merry Christmas and a Happy New Year, the best in the holiday season coming along soon.

On to the some news then. World-Wide DX Club items appear with their permission.

Dahomey - Radiodiffusion du Dahomey: Construction of the new 100 kw transmitter is almost completed though the frequency it will mainly use is not yet known. The antenna at Contonou will have strong North/South directional characteristics.

(WWDXC)

Malagasy Republic - Radio-Television Malagache: This station's network 2 has become the International Network broadcasting in English and French. English is 1500-1600 GMT with news at 1530.

International Network: 0300-0500, 0900-1100, 1500-1900, Saturdays 0300-1900, Sundays 0400-1900 on 6170 and 7105 kHz; at 0300-0500 (saturday 0515), 1500-1900, Sundays 0400-0515 and 1500-1900 on 3288 kHz; at 0900-1100 (Saturdays and Sundays 0500-1430) on 9690 kHz.

(Radio DX Club of India via WWDXC)

Rwanda - Deutsche Welle, Kigali: Radio Canada International is using the Kigali relay of Deutsche Welle at 0245-0330 on 7225 and 9565 kHz and at 0500-0545 on 9700 and 11905 kHz. (not shown on current RCI sked)

(WWDXC)

Swaziland - Trans World Radio: This station plans to install one medium-wave transmitter of 250 or 400 kw and four short-wave transmitters each of 30 kw. It is expected to be on the air in early 1974. The program languages will be those that are most widely spread in Southern Africa, mainly English.

(WWDAC)



**Trans World Radio**

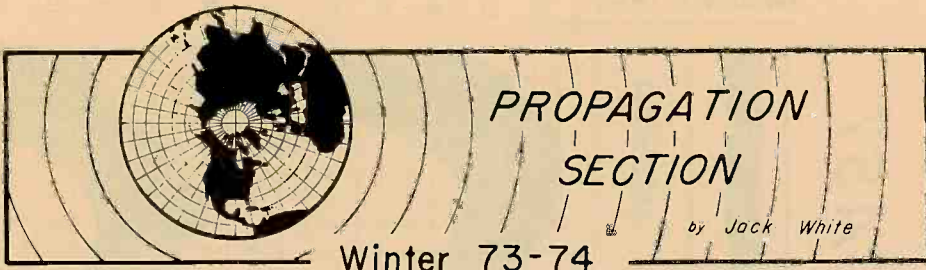
We'd like to hear from YOU: The only way things can improve is if you tell us what you like or dislike, want or don't want. Your comments, suggestions, and ideas - mainly your ideas help us to improve. So the next time you have some time, drop us a line a let us know, o-kay?



Keep those reports coming,

73's, *Bob* Bob





The forecast chart is arranged in three vertical columns. The one on the left consists of five graphs depicting anticipated reception for Western North America (MST and PST time zones). Similarly, on the right is another set of five graphs representing Eastern North America (EST and CST time zones). Down the center is a series of notations indicating the world regions from which a radio signal might originate.

Each individual graph is indexed with GMT on its horizontal axis (the "00" following the hour has been deleted), and Frequency (in megahertz) on its vertical axis.

There are actually two curves plotted on each graph...one representing the maximum useable frequency, and the other representing an estimated lowest useable frequency. Therefore, the darkened area between these curves (called an "envelope") illustrates the frequency range most likely to produce reception at the indicated hour.

As an example, let's consider an SWL in Western North America wishing to listen to Europe or North Africa around 2000 GMT. Selecting second graph from the top (Europe/N Africa/Mid-East) in the left column (Western North America), and then reading across the horizontal axis to "20" (2000 GMT with the 00 deleted), the predicted frequency range would be from 10 to 17 megahertz inclusive.

Long distance reception is noted for its almost daily variations in quality, but as a general rule, frequencies appearing in the upper 20 to 25% of the envelope will provide the most stable and reliable signals for the path at the given hour. For the above Western North America to Europe example, this would mean that frequencies above about 15 megahertz would be more reliable than those below that value. In this particular case, the 19 meter band (15.150 to 15.450 mhz) could prove to be near ideal. Overall reception quality may be expected to decrease sharply toward the lower limits of the envelope.

If desired, the reader may remove this entire section from the magazine without damaging other contents...providing a handy reference near the receiver at all times.

THESE GRAPHS REFLECT PROPAGATION FACTORS ONLY !!! There has been no attempt to modify this forecast in consideration of transmission schedules. Such references as World Radio-TV Handbook, SPEEDX Utilities DA handbook, log sections of this magazine, or other such sources should be consulted for this sort of information.

Good Hunting,

*Jack White*

JACK WHITE

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# SPEEDX RECEPTION FORECAST

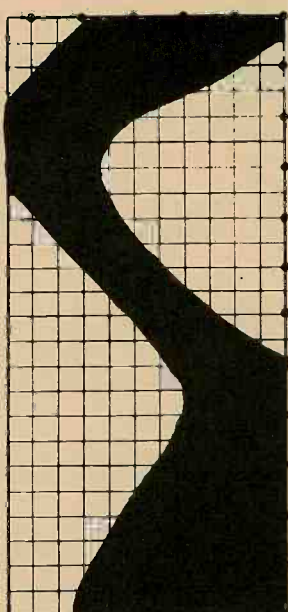
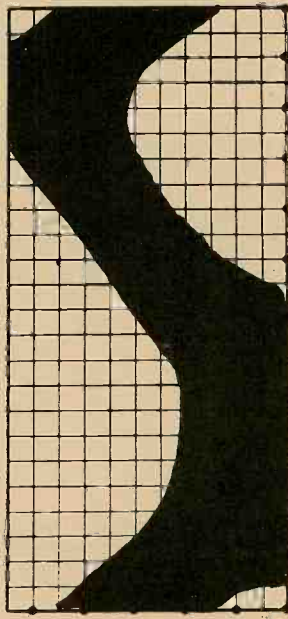
## WINTER 1973 / 74

WESTERN NORTH AMERICA

EASTERN NORTH AMERICA

SIGNALS FROM

FREQUENCY (mHz)

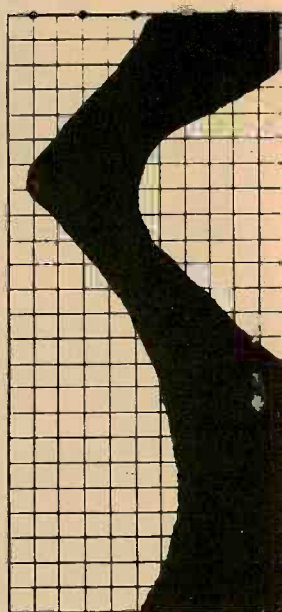
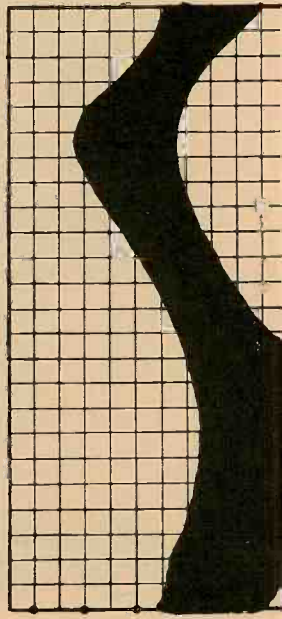


Latin

America

GMT

FREQUENCY (mHz)

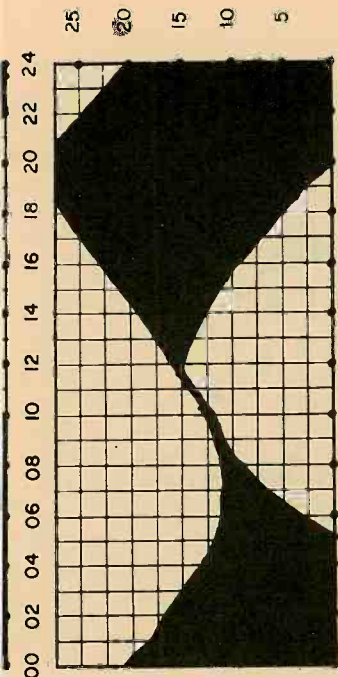


Europe

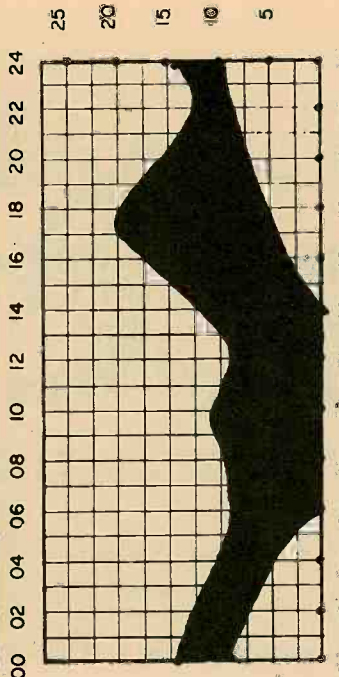
N Africa

Mid-East

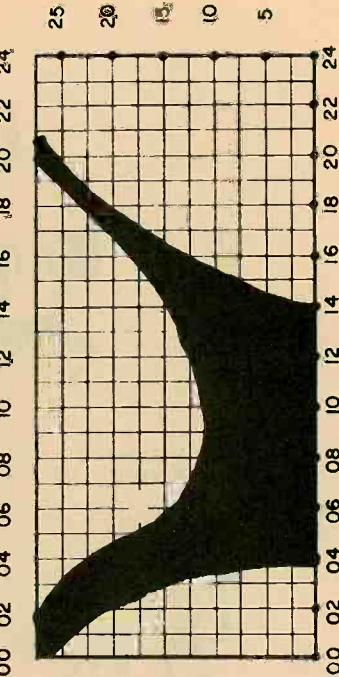




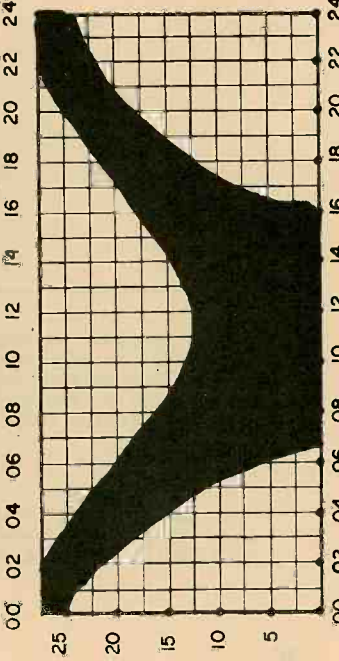
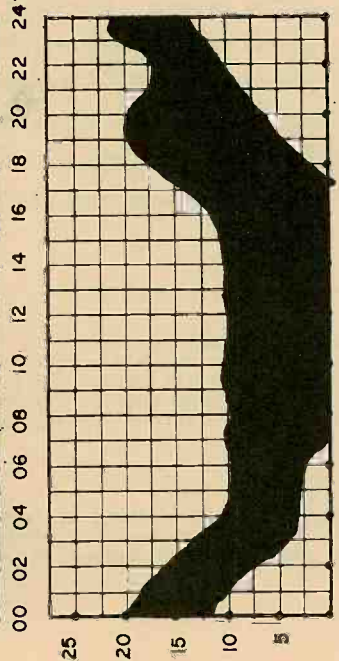
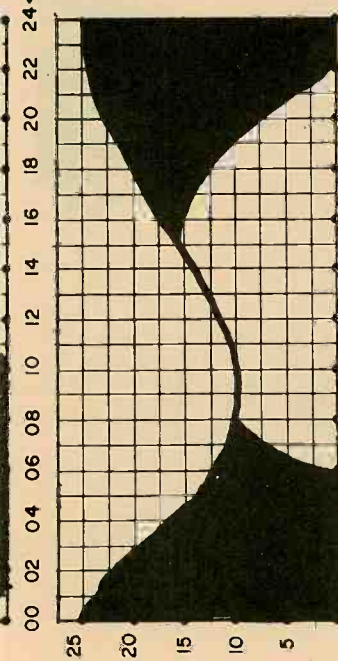
South  
Central  
Africa



Central Asia  
Far-East



Australia  
Oceania





The following named SPEEDXers have also donated to the SPEEDX Handicapped Aid Program. However too late for the original Christmas list page.



HAP-py HOLIDAYS

FROM

KENNETH COMPTON - BRIGHTON, MASS  
 BOB BECK - CANTON, OHIO  
 BILL TRUBEE - KEALAKEEWA, MI  
 NEIL ZANK - LINCOLN, NB  
 GERALD ROLAPE - ARLINGTON, VA  
 VICTOR ORLANDO - HAVERTOWN, PA  
 RONALD WARREN - WATSONVILLE, CA  
 MICHAEL HARDESTER - MODESTO, CA  
 OLIVER ELLSWORTH - LOS ANGELES, CA  
 FELIX MARTY - MONTREAL, CANADA  
 FRANK TESTA - BROCTON, MASS




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Word received at SPEEDX Headquarters, that Bill Paschke, HAP Vice Chairman, had an emergency operation on 15 November, and will be in the hospital for quite some time. Lets all cheer Bill up by sending letters and cards to: R. Paschke Ward 2B, Room B-2081. The United States Veterans Administration Hospital, 2500 Overlook Terrace, Madison, Wisconsin 537051

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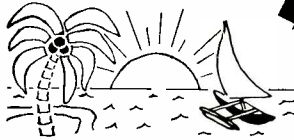
Willard "Whitey" Herman, HAP-9 is recovering from open heart surgery. Whitey would certainly enjoy receiving your cards and letters. Send them to Central YMCA, Reed and Washington Streets Reading, PA. 19601.

OLD

# ASIA-OCEANIA

NEW

Don Johnson WDX6J  
P. O. Box E  
Elsinore, CA 92330



MEL HICKMAN  
P. O. Box 1638  
Walla Walla, WA  
99362 USA



\* OLD EDITOR BOWS OUT \* \* \* \* NEW EDITOR BOWS IN \* \* \*

This is my last month as editor of A/O. From this date on, send all reports to Mel Hickman in Washington. Mel will start with the January issue so dig out that DX and send it to him. If all will give Mel the support that I've received, we will all continue to benefit from the exchange of information. Remember.....the sections of our bulletin can only be as good as YOU make them. Support SPEEDX. CONTRIBUTE!

Lots of Indonesian loggings in this month. Saudi Arabia is popping up a bit more. Vila was logged with a SX-190 mobile in Washington. Timor is being heard from coast to coast with better signals.

Frequency in kilocycles	Time in GMT	Deadline 15th
A S I A		

### BURMA

BBS = Burma Broadcasting System

4725	1125	BBS:lang tks by YL. Many mentions of Burma(343 10/17 Fay MA)
5040v	*1430	BBS:English mx,nx. Noted moving from 5039-5045 kHz. Most recently on 5039(444 11/10 Johnson CA)(433 10/18 Leistner CA) (333 10/31 5045,on 5040 a few days later Cleveland CA)

### CHINA P R

3535	1400	Fukien Front:Chi mx & tks(322 to 321 10/24 Leistner CA) (453 at 1515 w/tks by OM/YL, little mx 11/3 Cleveland CA)
5950	1320	Radio Peking,Harbin:Chi w/OM tks(433 10/19 Dawson CA)
6000	1315	RP,Heng-chow:Chi w/OM & YL tks, mx(242 10/19 Dawson CA)
6900a	2035	RP:Eng nx on Mid-East. QRN.(fair 10/27 Larkin ENGLAND)
9860	1440	RP:Eng nx to S Asia. International 1455*(454 Cleveland CA)
9965	1409	RP:Jap tks on Chi watch (--4 10/27 Kolb CA)
11540a	2300	RP:Spanish newscast. Heavy static(222 11/5 Beck OH)
11685	1220	RP:English news by YL(222 10/31 Paschke WI)
11965	0100	RP:Eng nx, cmtry, music to 0157*(443 10/24 Zilmer WI)
15060	0000	RP:Eng mx,cmtry,propaganda(433 10/20 Sigel IA)(0630 Eng pgm of Chi mx 333 11/6 Brown CA)(254 10/28 0030 Eng Moore PA)
15360	0200	RP:Spanish news, ID 0215 (232 10/16 Trubee HI)
15385	0300	RP:Eng nx,letter box(443 10/29 Day CA)(444 Leistner CA)
155101	0015	RP:Eng nx and talks (444 11/5 Trzaskus IL)1 = listed.....dj

### CHINA

### TAIWAN

VOFC = Voice of Free China

151251	*0900	VOFC:Eng news & cmtry. QRM Australia 15120(233 DuRant THAI)
15345	**0200	VOFC:Eng nx & mx to 0330 (243 11/4 Brown CA)
17890	0232	VOFC:English w/native music,YL tks(343 10/26 Cleveland CA)

### CYPRUS

BBC East Mediterranean Relay

6180	2312	BBC:English w/comments(333 11/14 Fleming NY)Hi Kevin.....dj
11925	1700	BBC:English newscast (444 11/6 Bodell OR>Welcome Bob.....dj

# DON'T FORGET # SEND LOGGINGS TO NEW EDITOR #

INDIA

AIR = All India Radio

4820t 1555 AIR,Calcutta:lang pgm w/AIR format (343 11/11 Flynn CA)  
 9680 1925 AIR:Eng in GOS w/sprts,cmtry,mx(fair 10/19 Larkin ENGLAND)  
 11620 2200 AIR:English news(342 10/25 Zilmer WI)  
 11710 0100 AIR:Eng GOS. Mx to 0115\* (342 10/25 Snyder CA)  
 11775 1045 AIR:Eng cmtry. 1055 nx (352 10/23 Zilmer WI)  
 11810 \*1330 AIR:Eng nx;mx,cmtry(333 10/21 Brooks CT)(1400 Eng 333 11/4  
 Shaw PA)(2300 Eng nx & cmtry fair 10/15 Larkin ENGLAND)  
 15360 0050 AIR:Eng,ending news into mx(444 10/12 Bodell OR)  
 15430 \*1225 AIR:Eng pgm sked,nx//11850/9535(322 10/27 Zilmer WI)

INDONESIA

RRI = Radio Republik Indonesia

3204 1436 RRI Bandung:Indo w/Hindi type mx. advertisements for 5 min.  
 (exc Henderson WA)(1445 tks w/ID,IS 1459 332 Cleveland CA)  
 3905 0900 RRI Jayapura:Indo nx, Love Ambon, ID(weak Henderson VA)  
 3935 1027 RRI Semarang:Indo pops,1100 Jakarta nx(fair Henderson WA)  
 3945 1440 RRI Dempassar:Indo w/cool inst mx,1500 Jakarta nx. Fades out  
 about 1500(222 11/11 Cleveland CA)(1005 mx,0810 w/Eng lang  
 lesson, HAM QRM Henderson WA)Date & Quality?????????  
 3975 1146 RRI Surabaya:Indo pop/CW mx.1200 net nx(fair Henderson WA)  
 3996 1130 RRI Biak:Indo ID,local nx,CW mx(good Henderson WA)  
 4698 1500 RRI Surabaya:Indo w/ID by OM(good Henderson WA)  
 4719 1300 RRI Makassar(WRTH):Indo w/net relay from Jakarta(343 10/14  
 Snyder CA)(same freq at 1458 as RRI Ujung Pandang w/Love  
 Ambon into nx.432 10/30 Cleveland CA)Which is it? WRTH says  
 Makassar, DSWCI says Pandang. Most likely the later.....dj  
 4765 1300 RRI Medan:Indo in//with above network(232 10/14 Snyder CA)  
 4789½ 1200 RRI Fak Fak:Indo ID, into net news(weak Henderson WA)  
 4835 1351 RRI Palembang:Indo w/lt cl mx,pops,ID(443 10/19 Cleveland CA)  
 4871½ 0837 RRI Sorong:Indo religious programme(good Henderson WA) WA  
 4900 1143 RRI Gorontalo:Indo w/Hindi type mx.Fluttery(poor Henderson  
 4926 1147 RRI Djambi:Indo w/OM DJ & local mx(poor Henderson WA)(1350  
 mx,1359 ID 433 10/18 Cleveland CA)  
 4932 1400 RRI Surakarta:Indo ID into news(433 10/18 Cleveland CA)(1145  
 w/Eng lang lesson by YL. Good Henderson WA)  
 5045 1033 RRI Merauke:Indo newscast(good Henderson WA)  
 5047 1405 RRI Jagjakarta:Indo music & singing(Do you mean their sing-  
 ing is not music?...dj)433 10/24 Leistner CA)(1340 w/tks &  
 mx 333 10/23 Cleveland CA)(1130 news in //5054 344 Fay MA)  
 That last logging is in English! 10/18 is the date.....dj  
 5987 1300 RRI Manado:Indo in //to above 4719 & 4765 during special  
 prgm(343 10/14 Snyder CA)(1345 w/US pops sung in Indo. 444  
 10/17 Cleveland CA)(tent at 1105 333 10/16 Fay MA)  
 6045 1145 RRI Jakarta:Indo,soft mx, oldies,nx 1200(444 10/17+ Fay MA)  
 (1412 w/Indo mx,.. "swinging stuff for this station"..433  
 10/17 Cleveland CA)(1300 in//above 10/14 Snyder CA)343.....  
 6070 1300 RRI Jayapura:Indo ditto above(343 10/14 Snyder CA)(0908  
 news by OM in Indo excellent Henderson WA)

IRAN

9022 2000 R Iran:Eng nx(332 10/27 Zilmer WI)(fr 10/27 Larkin ENGLAND)

IRAQ

9745 1930 R Baghdad:Eng mx,nx(343 10/29 Johnson CA)Who?...(1955 344  
 10/21 Moore PA)Hi Don, from Don. Welcome aboard.....  
 (1948 nx,mx 323 11/5 Bodell OR)(1940 fr Larkin ENGLAND)

ISRAEL

9009 0158 IBA:lang & Eng w/Eng nx 0215,0315,0500..."First time I've  
 heard Israel! Shalom!"...(444 10/26 Jones MS)Hang in there  
 Jack.....dj(0200 in lang nx,mx. Jamming at 0220 332 11/6

ISRAEL (cont)

9009 0200 IBA:(cont).....including US Blues mx. Day CA)Sorry I carried you over a page Edward. Tnks for 1rst reports.....dj

9625m 0215 IBA:Eng nx,battle bulletins(322 10/14 Schwartz DE)(2000 Eng w/reports from war front.Very interesting!254 10/21 Moore PA)

11700 2030 IBA:Eng cmtry,nx summary(252 10/23 Zilmer WI)

11705m \*2000 IBA:Eng war nx to 2041\*(333 10/6 Schwartz DE)

Are the above two in // or what? Richard S uses a BC 221, & Bob Z has a SPR-4, so both are accurate loggings....dj

11960 0500 IBA:Eng tks on Mid-East(222 10/28 Day CA)(0515 Eng nx 311 10/8 Trubee HI)(0115 Eng special nx report. 443 10/26 Zilmer WI)(2000-2045 & 2300-2345 Eng war news 444 10/10+Schwartz DE)

JAPAN

3910 0850 Far East Network:Eng w/usual good mx(544 10/29 Leistner CA)

3925 0819 NSB Tokyo:Chi tks w/OM & YL (544 10/29 Leistner CA)

6055 0640 NSB:Jap tks(333 10/28 Day CA)(454 US pops,1400 Cleveland CA)

7165 1125 VOA Okinawa:Eng pgm(333 10/29 Leistner CA)(1100 444 10/28 Snyder CA)(to 1600\* 444 10/22 Brown CA)

9505 0522 NHK:Jap news (544 11/14 Kolb CA)(554 1400 Eng Cleveland CA)

9735 2045 NHK:Eng pgm(242 Snyder CA)(2200 Eng nx to Europe Zilmer WI)

9760 0300 NSB:Jap w/concert,very strong here...(443 11/13 Flynn CA) (0430 Jap w/stock market report 222 10/15 Trubee HI)

11725 \*2345 NHK:Eng prgm to NA(433 Zilmer WI)(333 10/30 Cleveland CA)

15105 2205 NHK:Eng GOS, OM nx,cmtry(232 10/25 Paschke WI)

15195 2300 NHK:Eng news to Asia(422 10/17 Zilmer WI)

15445 \*2344 NHK:Eng to NA to 0045(444 10/29 Trzaskus IL)(454 11/4 Fleming NY)(354 11/7 Eng w/Lets Learn Jap..Moore PA)

KOREA, NORTH KCBS = Korean Central Broadcasting Station

6250 1550 KCBS:Kor in HS2 w/tks & mx(444 10/20 Cleveland CA)(0955 in Korean talks. 453 10/9 Trubee HI)Also called R Pyongyang....

6540 0920 KCBS:Jap prgm w/OM talks(443 10/28 Day CA)

9455 1012 KCBS:Eng nx(343 10/29 Bodell OR)(1016 Eng 434 Leistner CA) (1200 Eng 433 Zilmer WI)(1315 Eng 443 Snyder CA)

11535 0500 KCBS:Eng nx(343 10/15 Trubee HI)(2300 Eng//15630 Johnson CA)

15630 \*2300 KCBS:Eng nx and talks(333 11/10 Brown CA)

KOREA, SOUTH

9640 1350 R Korea:Jap tks on history. At 1400 lang changed & jammer started. Korea is due off at 1400 so who is jamming whom? (fair 10/17 Kolb CA)I don't know John. I like peanut butter. (0900 Eng nx,433 Snyder CA)(1200 Eng nx 344 Fay MA)(0520 & 0913 Eng tks, both 444 Bodell OR)

KUWAIT

15415 1610 R Kuwait:Eng ID & mx (434 11/7 Shaw PA)(1630 Eng nx,mx, 333 10/21 Schwartz DE)(1700 Eng mx 433 10/25 Zilmer WI)

LAOS

4661 1445 Clandestine,Voice of Pathet Lao:Laotian/French tks about Vietnam,1454 mx,1457 ID.//7310(443 11/1 Cleveland CA)

LEBANON

9545 \*0230 R Lebanon:Eng nx & mx(433 10/19 Zilmer WI)(344 0230 10/20 Bodell OR)(0134 in French nx,DW QRM.344 Shaftan NY)

MALAYSIA

4845 1140 R Malaysia:lang w/typical mx, ID's(344 10/17 Fay MA)

4985 1440 RM:Malay w/pops, OM DJ (333 10/20 Cleveland CA)

6195 1444 BBC Tebrau:Eng w/CW & pops mx (433 10/29 Cleveland CA)

9665 0900 RM:Eng/Malay nx,mx(332 Snyder CA)(544 0930 Leistner CA)

PAKISTAN

15522a 1300 R Pakistan:Eng nx.//17845/21590(343 10/25 Zilmer WI)  
21590 0445 RP:English news (454 10/8 Trubee HI)

PHILIPPINES FEBC = Far East Broadcasting Company

7225 1150 FEBC:Eng Rel prgm(333 10/24 Fleming NY)(1215 Eng.Fr 11/3  
Miller OH)(1135 Eng nx,mx.333 10/29 Leistner CA)  
9580v 0815 Voice of Philippines:Eng nx,mx,tk's about country(443 10/28  
Day CA)(1130 Eng w/listeners mail.332 10/28 Zilmer WI)  
(1300 Eng 342 Brooks CT)(1450 Eng 434 Stephenson CA)(1618  
English mx & talks 443 10/20 Cleveland CA)  
15440 0250 FEBC:Eng Rel prgm //21515 (333 10/29 Cleveland CA)

SARAWAK RMS = Radio Malaysia Sarawak

4835 1405 RMS:Malay(WRTH)pop mx prgm (444 10/16 Cleveland CA)  
4950 1445 RMS:Eng talk on forestry(233 10/2 Stephenson CA)(1136 10/31  
mx,ad for Dunhill cigs. 444 Leistner CA)(454 Cleveland CA)  
5030 1340 RMS:Bidayuh(WRTH)pops,ID 1345 (454 10/16 Cleveland CA)

SAUDI ARABIA Broadcasting Service of the Kingdom of Saudi Arabia

5965 0304 BSKSA:Eng prgm schedule,Arabic mx(fr 11/4 Miller OH)  
11855 1742 BSKSA:Eng nx(fr 10/20 Miller OH)(2253 in French w/mx,nx,ID  
323 10/27 Shaftan NY)(1715 Arabic tks 242 11/3 Snyder CA)

SINGAPORE

5052 1350 R Singapore:Eng/Malay pops,"Tiptoe Thru The Tulips",into  
Eng radio drama 1400(444 10/16 Cleveland CA)(1420 Eng mx,  
ID 1430 333 10/24 Leistner CA)

SRI LANKA

11725 0100 R Ceylon:Eng Rel prgm,piano music(422 10/16 Zilmer WI)

THAILAND

7108 1403 Thai TV Co:Thai nx,into Malay 1420(333 10/23 Cleveland CA)  
TENT at 1150 in lang w/oriental mx(fr 10/21 Miller OH)

TIMOR ◀ Emissora de Radiodifusao de Timor Portugese

3668 1030 Dili:Port w/Island type mx,YL DJ(332 10/28 Leistner CA)  
(1100 CW mx,old US pops of 40's & 50's.343 11/11 Fay MA)  
(1403 nx,mx.333 10/15 Cleveland CA)(1010 gd Henderson WA)

TURKEY

11880 \*2200 Voice of Turkey:Eng w/ID,nx, tks(333 10/25 Paschke WI)(2220  
Eng,..First time logged this one....444 10/27 Beck OH)(2200  
444 10/27 Day CA)(444 10/19 Shaw PA)(2025 in Turkish? w/lt  
mx,ID 2030 "Ankara Radio". 454 10/27 Moore PA)

VIETNAM, NORTH

10040 1017 VOV:English news & music (333 10/29 Bodell OR)

VIETNAM, SOUTH

4877 1440 VTVN:Viet mx(353 10/16 Nebraska CA)(1345 Viet w/pop mx in Fr.  
444 11/4 Snyder CA)(1400 nx?,//7175 444 10/19 Cleveland CA)  
6165 1015 VTVN:Viet mx,1030 nx. CW QRM (323 10/9 Trubee HI)  
7175 1320 VTVN:Viet news by OM (343 10/25 Dawson CA)  
7442 1442 Liberation Radio(clandestine):Eng nx,cmtry,mx,ID to 1459\*  
in //10010(443)(332 11/7 Cleveland CA)  
10010 1110 Liberation Radio:Eng nx,tk's,mx(454 10/26 Fleming NY)

NEW PRODUCTS \* \* \* The development of a new product is a three step process: first, an American firm announces an invention; second, the Russians claim they made the same discovery twenty years ago; third, the Japanese start exporting it!.....Ain't it the truth.....dj

AUSTRALIA

O C E A N I A

- 4920 0837 ABC Brisbane:Eng w/horseraces(152 10/27 Dawson CA)(0905 Eng nx.433 Day CA)(1200 Eng mx & tks 253 10/28 Moore PA)
- 5995 1130 R Australia:Eng w/mailbag to Asia(254 10/28 Moore PA)
- 6150 1353 ABC Melbourne:Eng pops,nx,1402\* w/GSTQ(332 Cleveland CA)
- 9570 1125 RA:Eng ID,Waltzing Matilda,mailbag(433 10/28 Trzaskus IL) (1245 Eng mx & nx 444 10/29 Shaw PA)
- 9580 1130 RA:Eng pop mx,...one of my favorite stations...(444 10/24 Jones MS)(1210 IS,Birdcall,nx.433 11/3 Trzaskus IL)(1230 nx,mx,mailbag 444 10/28 Shaw PA)(1215 444 Beck OH)
- 9610 1300 ABC Perth:Eng nx,mx,wx(444 Shaw PA)(1314 333 Trzaskus IL) (1315 254 Moore PA)(1408 454 Cleveland CA)
- 9650 1215 RA:Eng nx & mx(343 Brooks CT)(1304 fair Miller OH)(1245 443 10/28 w/DX'ers calling, //9570 Zilmer WI)
- 17795 0115 RA:Eng nx,mx, reports(fair Sigel IA)(0200 Eng features,club forum.444 10/4 Nebron CA)(0200 454 10/22 Cleveland CA)

NEW CALEDONIA

- 7170 0615 Radio Noumea:French w/OM & YL tks,folk mx,ARO QRM (343 10/27 Day CA)(0710 French music and BIC ball point pen ads, 433 10/7 Stephenson CA)

NEW HEBRIDES

- 3945 0725 Radio Vila:Pidgin/French programme to 0804 t/out. Best heard on low "A" index days(strong Henderson WA)Date?Quality?.....

NEW ZEALAND

- 6080 0700 Radio New Zealand:Eng w/YL reading story(433 Stephenson CA)
- 9540 \*0555 RNZ:Eng w/BBC nx(545 11/8 Brown CA)(0553 IS,BBC nx,cmtry & mx.543 10/29 DeAngelis CA)(0705 Glenn Miler tunes,ID,nx, 332 Day CA)(0605 nx,mx,TC 434 11/7 Shaw PA)
- 15110 0408 RNZ:Eng w/Norwegian music.Heavy QRN(252 11/14 Kolb CA)

PAPUA/NEW GUINEA

- 3335 1120 Radio Wewak:Pidgin w/mx & tks (344 11/9 Fay MA)
- 3260 1140 oops R Madang:Vern w/ID,Island mx (333 11/9 Fay MA)
- 3385 1340 R Rabaul:Pidgin w/CW music (332 10/15 Cleveland CA)
- 4890 1108 ABC Port Moresby:Eng nx, ID's, mx(313 10/15 Patterson CA) (1125 cl mx.152 10/28 Moore PA)(1340 1t mx.444 10/18 Cleveland CA)(0834 hymns,nx.333 Day CA)(0910 nx & mx 343 Leistner CA)(0842 races, stocks 153 Dawson CA)(1240-1400\* nx & mx.333 Sigel IA)(1300-1400\* 443 Johnson CA)

**We try harder.**

TAHITI

- 6135 0520 Radio Tahiti:French/Tahitian music,talks(433 Stephenson CA)
- 11825 0330 RT:Tahitian IS,ID,& NICE music(fair 10/30 Miller OH)(0430 mx & tks.//15120(444)433 10/16 Cleveland CA)(0345 444 11/6 w/Polynesian music Shaw PA)
- 15170 0615 RT:French talks & music from the 50's(333 10/29 Day CA) (1430 French talks,mx 444 10/1 Stephenson CA)(1745 English newscast.333 10/27 DeAngelis CA)(1745 English news for 10 mi 343 11/10 Brown CA)(1745 Eng nx,spts. 444 11/9 Bodell OR)

.....

A big WELCOME to first time A/O reporters; Richard Schwartz, Scott Sigel, John Larkin, Kevin DeAngelis, Kevin Fleming, Edward Day, Robert Beck, Bob Bodell, and Don Moore. Thanks also go to the regular reporters, many of whom have never missed a month. Thanks nice people! a = approximate. m = measured. l = listed. t = tentative. \* = s/on & s/off times of programs.





# STATION SKEDS

**BBC**  
**WORLD SERVICE**



This is Radio Warsaw, Poland...

EDITOR: Mark Koukol  
1232 N. Eagle St.  
Naperville, Illinois 60540

DEADLINE: 15th of the month

It seems that my appeal of last month was heard; lots of info for this issue and I was pleased to hear from several new reporters.

Argentina: RAE Buenos Aires operates to Europe Monday-Friday only, not on weekends, not mentioned in WRTH. (Richard Wood) RAE sends English: To Europe 2300-2350 11710 To East N.A. 0300-0400 9690 To West N.A. 0400-0700 9690 To Africa & M.E. 2300-2350 11710 To Far East 0300-0400 9690 To North Pacific 0600-0700 9690 (Alan Brooks)

Australia: A sked just received from Radio Australia shows English to N.A. at 0100-0300 on 15320 & 21740 and 0115-0300 on 17795, but no morning xmn. Lou Buehler reports that the 1115-1230 xmn on 9580//11710 is now 1215-1315.(direct)

Austria: ORF sends this English to North America sked: 0130-0200 9770 0330-0400 6155, 9770, 9655

Effective 'till 3/3.(Harold Kaye)  
Belgium: RTB English sked for 11/4-3/3 shows xmn to N.A. at 2255-2315 on 9655, 11810.(Mel Hickman)

Canada: Radio Canada International has this new English sked effective November 4-

To East N.A. & Caribbean 0100-0155 11945, 9755, 6085 To Central N.A. 0400-0455 9655, 6135 To West N.A.

0500-0555 9655, 6135 To Britain & W. Europe 0630-0657 9655, 6125 2058-2155 11860, 9610, 6145

To South Pacific 0830-0925 9625, 5970

To Africa 1830-1914 21595, 17820, 15320

To East N.A.(misplaced) 1200-1255 15315, 11825, 5970 (Kevin de Angelis, Ken Lance, Brandon Lovett, Harold Kaye) CBC

Northern Service is now on 19 hours a day: 1135-1215 9625, 5960 1215-0000 9625, 11720 0000-0635 9625, 5960

(Harold Kaye) The RCI Sackville xmt is now being used for a new relay of R.B.C. World Service to N.A. 2300-0030 on new 9740. The RCI English xmn has been dropped to make way for this.(Richard Wood)(The 2300-2330 English xmn)

Chile:Chile has begun a massive jamming effort against Radio Havana and Radio Moscow. The sound is a warble or series of rapid pulses, having a band spread of 15 khz. Against hawa-

na noted 1300-1800 on 17855, 17735; 2200-0500 on 15340, 15425, 15230, 15130, 11760. Against Radio Moscow noted 2300-0500 or much later, after Moscow s/off, on 9800, 9775, 9720, 9640, 9610, 9450, 7330, and 7205. The source of the powerful new jamming xmters is unknown but does not come from a conversion of SWBC xmters which continue operation. Chile thus follows Radio Moscow and Peking as a world jamming power.

(Richard Wood)

China, P.R.: Radio Peking has this new sked to N.A. until 4/30/74: To East N.A.

1400-1500 11685, 15060 1500-1600 7120, 9390, 9780, 11945, 12055, 15060

1600-1700 11945, 12055, 15060

1700-1800 7120, 9780

0200-0300 9480, 11685

To West N.A.

1100-1200 7120, 9460, 9780, 11650, 12055, 15060, 15095

1200-1300 9460, 11650, 12055, 15385

"Listener's Letter Box" is on Sun. & Wed.(Lou Leistner)

Ethiopia: ETLF has this English sked until 3/2/74:

East Africa 0400-0425 7165 1755-1810 9705

West Africa 0530-0610 11890

1930-2015 "

Sri-Lanka 1255-1325 15320

North India 1330-1345 11900

S. India 1330-1400 15190

Ethiopia 1655-1710 6065

S. Africa 1830-1910 7145

(Lou Buehler)

Finland: Radio Finland has this English sked to 3/3/74:

To N.A. 1400-1430 15185

0300-0330 9585

To S.A. 1400-1430 21605

1800-1830 15185, 21605

2030-2100 9550, 11755

To Eur. 1400-1430 9550, 11755

1800-1830 "

2030-2100 9550(Don Moore;

Richard Shaftan, Lou Leistner, Lou Buehler)

Germany, F.R.: Deutsche Welle in English to N.A. at 0435-0550 has replaced 6010 by 6040, // 6145, 9545, 9765, 6085, 9605 to West Coast. East Coast xmn is 0130-0250 on 6010, 6040, 6075, 9545, 9690.(Henry Lu Rant, Richard Wood)

Greece: BIRT Athens sends this Greek sked valid to 3/3/74 from its 100 kW xmt at Avlis of Viotia: To-

Turkey-Cyprus 0500-0735 6175

Australia 0800-0950 21460

Central Africa 1000-1150 17760

Spain-Portugal 1300-1350 15425

Panama Zone 1400-1450 21460  
 Egypt 1500-1550 9630  
 USSR 1715-1730 7215  
 1745-1750 "  
 Ethiopia 1800-1850 9520  
 Europe 1900-1950 5960  
 Azores 2000-2050 7295  
 Australia 2100-2150 7215  
 Japan 2200-2250 6075  
 (Ralph Lewis)

Guinea Rep.: More jamming is noted against Radio Conakry on 9650 2100-0800 and probably in 24-hour operation. This may emanate from Port. Guinea though Conakry's xmsns in African accented French should not be widely understood there. (R. Wood)

Holland: Radio Nederland is now offering a "Radio Components Course" to give listeners a better insight into the function & interaction of radio components. The course starts March 7, 1974 on DX Juke Box, text material being available free. To enroll, write to DX Juke Box c/o R. Nederlands. (direct) R. Nederlands English service has dropped two xmsns, 0030-0150 to SE Asia, 1100-1220 to West Australia. English to N.A. remains as before, except that during 0500-0620, 6170 has changed to 6165. (Kevin De Angelis, direct)

Honduras: Radio Suyapa is again active on 6125, noted 0500-0600 mixed with VOA. La Voz de Honduras, once irregular on 5875 is now noted consistently 1200-0600 with good reception. (Richard Wood)

Israel: IBA Jerusalem in English noted 200-2045 on 9009, 9625, 9785, 11960. All-night service 2300-0345 on 7260, 9009, 9625, 11725, 11960, 15105 with English news on the quarter-past hour (:15). English 0500-0515 on 7260, 9009, 11960, 15105. (Richard Wood)

Japan: Far East Network has this English sked: 0715-2240 3910, 11750  
 2250-0705 3910, 11750  
 24 hrs. 6155, 15260  
 (James Maher) NHK English to N.A. at 2345-0045 has replaced 17825 by 11725. Eng. Regional Service to N.A. is as follows: 2345-0045 15445, 11725

0100-0300 17825, 17725, 15445, 15235 (Richard Wood, Henry DuRant)

Mexico: All of XEWX's SW xmters remain in irregular operation. 6165 noted w/abrupt s/on at 0426 on a Saturday (GMT); 15160 is on daily during BBC N.A. service 1500-1515 causing bad QRM. (Richard Wood)

Molaco: TWR Monte Carlo noted w/IS at 0410 and "Calling DXer's" 0415-0430 on a Sat. GMT using new 6165; target area perhaps Europe & N.A. (R. Wood)  
Neth. Antilles: Radio Nederland to Africa in French has an IS different from other lang. services, using a trumpet & drums. Noted at 2000 s/on on new 15105 and old 15220. (R. Wood)

Norway: Radio Norway has this Eng. sked to N.A. to 3/2/74; Sunday/Monday GMT-

1400-1430 17800  
 1600-1630 15175  
 1800-1830 17825  
 0000-0030 9645  
 0200-0230 6185, 9645  
 0400-0430 6185, 9645  
 0600-0630 9645 (Lou Buenler)  
Poland: Radio Warsaw has this Eng. to Europe sked valid to May 1974:  
 0630-0700 9675, 7285, 7270  
 1200-1230 9540, 7285  
 1600-1630 9540, 7285, 7125, 6095  
 1830-1900 9540, 7285, 7125, 6095  
 2030-2100 7285, 6155  
 2230-2300 7285, 6155, 6135, 5995 (direct)

Saudi Arabia: BSKSA has English beamed to N.A. and Europe at 1700-1955 on 11855. (James Maher)

Spain: RNE Madrid to N.A. in English 0100-0145, 0200-0245, and 0300-0345 continues to use 6140 as a reserve freq., irregularly replacing 6065. (Richard Wood)

Sweden: Radio Sweden has this English sked to N.A. to Feb. 1974:  
 To Eastern N.A.  
 1400-1430 21615  
 0030-0100 6000  
 0200-0230 6000

To Western N.A.  
 0330-0400 6045 (direct)

Switzerland: SBC has this English sked to N.A.: 0145-0215 on 5980, 6120, 9535, 11715; 0430-0500 (West Coast) on 5980, 9750. (Don Moore)

Turkey: Radio Ankara has English xmsns 2200-2250 on 11880 to Europe. Special programs will be broadcast on these holidays- Dec. 5 (Franchise for Turkish Women), Dec. 12 (ceremony in honor of Merlana), Dec. 24 (Christmas), and Dec. 31 (New Year). These are not U.S. dates. (Sandy Eichenhorn, Don Moore)

U.S.S.R.: Radio Kiev has these English xmsns to N.A. Tues/Fri/Sun GMT:  
 0030-0100 17870, 17720, 15180, 12050, 7200, 7180, 7150, 7130, 6000, 5940  
 0300-0330 12050, 11860, 9780, 7400, 7260, 7130, 6000, 5940 (Don Moore)

Vatican: Radio Vatican's latest sked has English to N.A. listed 0100-0115 on 5995, 9605, 11845. (Henry DuRant, Lou Buehler)

Rumor has it that St. Helena will start a low-power SWBC outlet soon, adding another country to the list.

Thanks to the many reporters for this issue, and welcome to Don Moore, Brandon Lovett, Kevin De Angelis, and Kenneth Lance, new reporters to Skeds. Please continue your valuable support.

43c in 1973.

mark Kuebel WOX9JKV

# UTILITY QSL REPORT

Deadline: 13th of the month

Steve J. Handler  
1270 Carol Lane  
Deerfield, IL 60015

FLASH\*\*FLASH\*\*FLASH\*\*FLASH\*\*FLASH\*\*FLASH\*\*FLASH\*\*FLASH\*\*FLASH\*\*FLASH\*\*FLASH

**CABLE & WIRELESS QSL'S WITH THEIR OWN CARD!** -Cable & Wireless has QSLed my reception report sent to their Belzie, British Honduras Station. The giant folding card included the time, date, frequency and transmitter location. The card is designed to be used by ANY Cable & Wireless Station, all that needs to be done is the location has to be filled in. The card is on gray stock with black, green and red printing. This may signal a change in QSLing policy. The British Honduras Station is very rarely heard, however, if you do hear it, write to- Station Manager, Cable & Wireless Ltd., Overseas Transmitter Facility, Belize, British Honduras. (send 2 IRC's)

Two Points for the Post Office! Last month this column took a detour somewhere between Deerfield and Santa Ana. Post Office authorities hope that it will reach California before the end of the year. (They didn't say what year)

**Belgium:** Coostende Radio OSU, 8805.6 khz sent full data B&W card in 1 month seamail for 2 IRCs. (Wayne Oliver)

**Ghana:** ETS-Accra 19910 sent Green form ltr from senior engineer in 25 days for EE report and 2 IRC's. Address is P.O. Box 32, Accra. (Rich Koret)

**Zambia:** ZPO-Ndola ZBD30 13390 sent nice Rhino card with full data, from "Mike" in 44 days for EE rpt and SASE. (Rich Koret) (Rich also sent them a \$1 bill some comm. stamps and a Post Card to help "pry" a reply.

**Niger:** Niger Aeradio 5UA, 5519 khz, sent stated PFC from M. Boutorilnsky, Chef du Service Navigation Aeriene in 19D for FF rpt and 2 IRC's. Card listed freq as 5119 instead of 5519. (Rich Koret)

**Sierra Leone:** Dept. of Civil Aviation, Freetown 8882 khz, (IS/ID as "Freetown") 750 watts sent PFC full data in 24 days and returned 3 IRC's. Registered rpt with return receipt requested. Also sent PFC and comm. stamps. They also sent a Sierra Leone stamp with the QSL. VS: Victor N. Thomas, Senior Radio Engineer, Dept. of Civil Aviation, Freetown Airport, Lungi, Sierra Leone. (Robert French)

**Afars & Issas:** FTS-Djibouti 10765 khz, sent FF no data letter in 8 months for an W/EE report w/3 IRC's. VS: Michael Nardou. (Greenall) Well, don't you think that something is better than nothing?

**Chad:** FCR TT247 14747 khz, Fort Lamy sent form letter on teletype paper full data. 18 days by air for 2 IRC's and FF rpt. (Ken Compton)

**Lebanon:** PTT-Beyrouth 19920 sent form ltr in FF w/date, freq., and tx info in 18 days for an EE rpt w/1 IRC. (Dan Greenall)

**France:** Agence France Presse, Paris 10563, 10kw, nice blue/white/black ham card from F3PI (Michel Baudot) who is Chef des Services Techniques et des Telecommunications. Full data in 7 days for 2 IRC's tnx to Don Griffith. (Dan Greenall)

**Guinea:** PTT Conakry 19460 20 kw full data card via re. mail in 117 days. rpt w/speedx rpt form and 2 IRC's! (Dan Greenall)

**Algeria:** PTT Alger 16165 khz, ssb 7kw, new orange, black, and red card in eng w/name, freq., mode, power, beam, qth, date, time, and veri stmt recd 1st class in 1 yr, 3m and 15d, for EE/FF rpt and 3 IRC's (Don Griffith)

**Marshall Is:** AJN Roi-Naaur, Kwajalein Atoll 17432 khz, 10kw full data pfc and nice ltr vs: W.L. Carroll III rcvd via air in 9 days for ms (Don Griffith)

**Turkey:** PTT-TBA 6395khz cw, 2kw, plain pink card with call, freq, pwr, tx site, (Ankra) and mode. VS: Mr. Sakir Koker. Air in 4 months for 3 IRC's. (Don Griffith)

**USA:** Loring AFB 6715 3kw PFC 19 days for SASE (Dan Greenall)

**USA:** NMA Miami CG 5696 PFC in 15 days. (Greenall)

**Portuguese Timor:** CPRM D111 6893 khz cw, EE ltr veri w/date, time, freq, call (XXI30), and veri statement. vs: Director Tecnio, air from Lisbon in 157 days for EE rpt and 3 IRC's sent direct. (Don Griffith)

**Western Samoa:** GPO Apia 16200 khz, 5wb25 ssb, 1kw dipole EE ltr veri w/xmtr, pwr, amt, freq, call, beam, and veri stmt, vs: E.B. Jackson for Director of Post Office. Rcvd in 19 days for 5 IRCs and PFC (not used). (Don Griffith)

**Rwanda:** PTT Kigali, 11490 form ltr w/all details 5 m for 3 IRCs and FF rpt. (Rich Koret)

Lots More Next Month- '73's

*Steve*

\* Late Flash: Steve Handler will also edit the WCC column replacing Paul Mayo

# SPEEDY'S

## Varie-Go-Round

### 73

Doug Snyder  
3130 Woodmont Drive  
San Jose, California  
95118 USA

Deadline: December 15th

## PREVIEW

DX Season's Greetings! Here's wishing you and yours a convivial Christmas and a rhapsodic new year's. May all your QSL's contain full data! (hi)

As you may have noticed, the column heading is different (again). I received so many good suggestions that I decided to use a different one each month (keep the competition confused). This one was suggested by Mr. Al Reynolds and my thanks go to Al. Keep 'em coming, folks.

I suppose the purpose of this column, regardless of what its called (try to keep it decent!) is to report QSL's, so let's get into it.

Arriving from the dark continent are QSL's from Radio Mali to new SPEEDXer Kevin Fleming, Radiodiffusion TV Algerienne to Jim Maher, La Voix de la Revolution in Burundi to Serge Neumann, Al Mayer and Jim Maher who also received his verie from Radio Cordac, Burundi. Nice work, gentlemen.

DX'ers Steve d'Adolf, Sandy Eichenhorn and Al Mayer can lay claim to receiving their Radio Afghanistan veries, and across the ocean, in South America, Al Mayer (sure do get around, Al!) heard from ORTF, Cayenne, French Guyana while a certain Jim Whitehead received a Radio Bucaramanga, Colombia reply at about the same time Mike Wiseberg received his from Radio Paz Y Bien in Ecuador. By the way, state listings are back, so read on SPEEDXer's.

## EUROPE

AUSTRIA: Osterreichischer Rundfunk (ORF), Vienna, 6155; silver "QSL" card for the ORF AM station on 1475 KHz w/no data; also rec'd sked, rpt. forms and Xerox'ed ORF technical data; in 15d by air for 3 IRCs and Eng. rpt. (Snyder CA) ORF, 7250; photo of Lake Constance - other side silver card w/ QSL data; sked and propagation info; in 30d by air for Eng. rpt and no rp. (Trubee HI) ORF, 9770; Castle card w/ full data; sked and rpt. forms; 49d, no rp. (Jones MS) ORF, 9770; Tirol highway card w/f.data in 37d air for no rp; Eng. rpt. (Moore PA)

BULGARIA: Radio Sofia, 9700; #2 card in series of 6; in 180d surface for no rp and Eng. rpt. 3 more rpts. get me #3 card in series (The Testa's MA) Ohrid University card in 135d surface for no rp and Eng. rpt. (Lovett OH) View of Melnik card in 88d, no rp. This is card #6; sent diploma. Theirs, not mine! (congratulations on your graduation - hi) (Shafton NY)

CZECHOSLOVAKIA: Radio Prague, 5930; 7345; 11990; VANA, blue card & VANA, yellow card in 133d & 194d by surface; no rp, Eng. rpt. (Shafton NY) ORL card & Javorova Valley card in 231d & 194d (The Testa's MA) 5930, Javorova Valley card in 120d surface, no rp (Day CA) B&W Snow Mountain card w/full data in 122d surface (Straumanis IL) 7345, Snow Mountain card in 210d, no rp (Day CA) Full data B&W Old Town card in 119d (Straumanis IL) 9740, 50th anniversary card in 147d for 1 IRC and Eng. rpt. (Brown CA) F/data Valley card, 90d (Johnson CA) Don's freq. was 11990 and he put on one heck of a SCADS meet. Good show DJ!

FINLAND: Radio Finland, 15185; Autumn in Finland card in 35d by air for no rp and Eng. rpt. Also rec'd sked & quarterly bulletin. (Zelasko IN) Summer In Finland in 18d (short summer!) by air and no rp. (Shafton NY) Full data Autumn In Finland card, 42d air, no rp. Sked. (Moore PA)

FRANCE: ORTF, Paris, 7135; ORTF Building card in 80d for Eng. rpt and 1 IRC. (Smith MA) 15360, ORTF Building card in 60d for Fr./Eng. form rpt. (Eichenhorn MI)

GERMANY (DEMOCRATIC REPUBLIC): Stimme Der DDR, Berlin, 7260; yellow & Black card in 77d by surface; no rp and Eng. rpt. 500KW Xmtr. (Shafton NY) Radio Berlin International, 11370, World Youth Festival card in 49d by air for no rp. Sked & newspaper in separate cover. (Trubee HI) 11890, Youth Festival card in 52d, no rp. RBI Journal received also. (Lovett OH)

GERMANY (FEDERAL REPUBLIC): Deutsche Welle, 6075; colorful circle card in only 252d; 1 IRC and Eng. rpt. (Brown CA) 21560, Circle card, 24d (astounding!) for no rp and Eng. rpt. (DuRant Thailand)

CHRISTMAS IS - A TRISTAN DA CUNHA QSL

**BRITAIN:** Voice Of America, Jofferton, 6042, 15205; 30th Anniversary Antenna card in 5d and 7d; no rp. (Brown CA) 2200, same, 6d, site:freq. only. (Fleming NY)

**BRITAIN:** Voice of America, Navala, 2715; Antenna card, 7d, no rp. (Smith TN)

**HOLLAND:** Radio Nederland, 9715; Royal Family card, 49d, no rp. (Fleming NY)

**RE, 11730;** Following DX'ers received the Royal Family card: Brooks (CT) 32d; The Testas (MA) 9d, 10d, 22d, 31d; Sigel (IA) 37d; Shafton (NY) 12d.  
Full data card when presented in person to Serge Neumann. (Calkin - all over)  
Full data Save the Amsterdam card in 22d for 2 IRCs; came by air. (Sigel IA)

**HUNGARY:** Radio Budapest, 9333; picture card of 4 girls in 60d surface for no rp and Eng. rpt; this was for monitor club. (Brown CA)

**ITALY:** Radiotelevisione Italiana, Rome, 9575; painting reproduction card, in 42d air for Eng. rpt. (Zelasko IN) RAL, 11310; Full data painting card in 90d for no rp. (Galvan NJ) Same, in 135d for 1 IRC and Eng. rpt. (Kelley FL) Painting card (the one with the lady pointing at the guy with the cow), in 112d by surface for no rp. Dated 2 months before mailing. (Brown CA)

**LITHUANIAN SSR:** Radio Vilnius, 9680; Full data white card w/hirds and sked, in 135d surface for 1 IRC and Eng. rpt. (Kelley FL) RV, 9250; Full data 5 color card with drawing of birds and tree in 30d by air for no rp and Eng. rpt. Also rec'd sked. (Geckle MD) RV, 15240; Tree card, 87d, no rp (The Testas MA)

**LUXEMBOURG:** Radio Luxembourg, 6090; Card with pic. of antenna against stormy sky in 20d air for 2 IRCs and Eng. rpt. (Lovett OH) Full data, same card, in 28d for 1 IRC and Eng. rpt. (Kelley FL) Same, 80d, 1 IRC, 2nd. rot. (Smith MA)

**MONACO:** Trans World Radio, Monte Carlo, 6165; card with B&W pic. of Monte Carlo w/full data, in 11d air for 2 IRCs; also rec'd letter from Mr. Allan Stewart of "DX Special" fame. (Snyder CA)

**NORWAY:** Radio Norway, LLM, 9645; Very colorful full data "at the farm" card in 35d for no rp and Eng. rpt. Also rec'd Norwegian sked. (Smith TN) LLM, 15175; card w/beautiful photo Norway in the mountains in 30d; no rp; full data. (Eichenhorn MI) LLQ, 21730; photo card of boy, 15d air for 1 IRC; f/data, sked & pennant (Kelley FL)

**POLLAND:** Radio Harcerska (Polish Pathfinders Station), Warsaw, 6870, 7205; colorful design card for Eng. rpt & MS (mint stamps), though not used. 27d (Neumann HOL)

**PORTUGAL:** Radio Portugal, Lisbon, 11840; Map card, sked and 3 magazines in 11d by air for Eng. rpt and no rp; (Snyder CA) Map card, 14d (Zelasko IN)  
Voice Of Hope, (Adventist World Radio) 9640; Beautiful map card of Europe with antenna at Lisbon; in 112d for 2 IRCs; (see address at end of column-ds-)  
VOH, Sines, 9670; attractive world globe card in 75d from Lisbon for report sent to Paris. Pamphlet and sked for 2 IRCs. (Calkin)

Radio Free Europe, 15170; Blue and white card with date and meter band in 9d surface for MS and Eng rpt. Sent to address in NY city. (Smith TN)

**RFE, 17725;** card in envelope, 30d air for Eng/Bulg. card & no rp (Eichenhorn MI)

**RSFSR (EUROPEAN):** Radio Moscow, Orsha, 9650; Gray & red card w/circles & stars in center, in 30d air for no rp and Eng. rpt. (Geckle MD) Card, full data, 21d for no rp. (Fleming NY) RM, 11870, 11900, 11920; 3 cards - Blue w/designs; Red and gray w/RM emblem; Gray and red w/design; in 30d air, no rp (Shafton NY)

**RM, 12050;** Silver & red card in 20d air + sked (Smith FL)

**RM, 15100;** Mockba w/circles & star in center card, 21d. (De Angelis CA)

**RM, 15455;** Orenburg (site); f/data gray card, sked, pgm. guide, 150d. (Wiseberg ONT)

**RM, 17860;** oops - wrong section - look under Asia

Radio Station Peace and Progress, 14995; Blue card w/ red star and "Best Wishes" from R.S. P. & P.; in 60d; also rec'd nice letter asking for future reports. (Miller CA) R.S. P. & P., 15190; tiny card w/date & meter band; 150d. (Fleming NY)

**ROMANIA:** Radio Bucharest, 9570; The Peles Castle card in 99d air, no rp and English report (Shafton NY) RB, 11775; The Roumanian Athenacum card in 62d air for no rp and Eng. rpt (Shafton NY) Airport card in 75d air, no rp (Eichenhorn MI) RB, 11940; Radio Bucharest studio card in 70d sea + sked and club info (Brown CA) RB, 15250; Romanian Ceramics card in 60d w/full data (Eichenhorn MI) Multi-colored design w/ building & map of Romania, in 77d air, no rp (Shafton NY)

**SPAIN:** Radio Liberty, 9660; Full data card in 14d, no rp (Fleming NY)

**SWEDEN:** Radio Sweden, 6045; Abstract design card in 25d by air + sked (Meehan CA) RS, 17815; Northern Lights card in 17d air, no rp. + sked (Geckle MD)

**SWITZERLAND:** Swiss Broadcasting Corporation, Berne, 9535; Full data Fountain in Basle card in 23d air for 3 IRCs; sked & rpt. forms arrived later (Sigel IA) SBC, 9535, 11715; Barn, Clock Tower card, 15d air, no rp (Moore PA)

**SBC, 15305;** St. Nicholas Costume card, 60d, no rp, f/data (Eichenhorn MI)

**SBC, 21520;** Berova's Jet d'eau card, 30d sea; f/data, no rp (Galvan NJ)

**UKRAINIAN SSR:** Radio Kiev, 7150; Full data Boy & girl card + sked & rpt. forms; no rp, 49d (Jones S) RK, 9600; Boy/Girl card + Map card, 42d air, no rp; also rec'd sked, rpt. forms and blank piece of paper (Russian IRC - ds-) (Moore PA) RK, 9665; f/data map card, 30d (Kelley FL) RK, 12050; Map card, 81d air + sked & info on R. Kiev YC club (Smith FL)

**VATICAN STATE:** Vatican Radio, 16800; F/da ta Pope Paul card, 120d, no rp and Eng. report (Eichenhorn MI)

## AFRICA

- ALGERIA:** Radiodiffusion TV Algerienne, Algiers, 11335; Full data plain white card in 20d air for 2 IRCs and French rpt.; + sked? rpt. Forms. (Maher NY)
- ASCENSION ISLAND:** BBC Relay, 9510; no data Thames card, 154, 1 IRC. (Day CA)
- BURUNDI:** La Voix de la Révolution, Bujumbura, 3320; 2540; Full data folder card in 17d Air; Fr. rpt and 3 IRCs. (Neumann Holland) Folder card in 21d air for MS and French report. (Maher NY) LVdIR, 6140; Folder card w/all data except time, in 18d air for MS and Fr. rpt. Also rec'd sked. (Mayer IL)
- Radio Cordac, Bujumbura, 3285; Card w/"Christ Offre La Redemtion Divine Al Afrique e Entnal"; in 11d air for MS & Eng. rpt. (Maher NY)
- CAMEROON:** Radio Garoua, 5210; Typical Cameroon (Yaounde) card (what's typical?) w/full data, after 7 tries in 6 years! In 32d air for 4 IRCs and NASWA Fr. rpt. and 15 min. tape. IRC returned. (Henderson MD)
- CAPE VERDE ISLANDS:** Radio Clube do Cabo Verde, Praia, 3885; Old CR4AA ca rd with wrong freq., 3960, listed; in 23d for MS and Eng. rpt. (Mayer IL)
- ETHIOPIA:** ETLF, Radio Voice of the Gospel, 11850; Blue card and personal letter from /s/ Bernharier Gudmundson; in 20d air for 2 IRCs, Eng.rpt. (Lovett OH)
- GAMBIA:** Radio Gambia, Bathurst, 4820; English letter w/frequency and date in 120d sea mail for 2 IRCs and Eng. rpt. (Wiseberg ONT)
- IVORY COAST:** Radiodiffusion TV Ivoirienne, Abidjan, 11920; B & W map card in 33d surface for 2 IRCs and Eng. rpt. (SPEEDX form) (Cleveland CA) "SWL" card w/full data in 156d surface for MS & Eng. rpt. (4th try) (Mayer IL) "White card w/ full data in 30d for 2 IRCs and Eng. rpt. (Eichenhorn MI) "SWL DE RADIO ABIDJAN" B/W card in 235d surface for 1 IRC and FR. rpt. (Shafton NY)

Four descriptions, same card

**SWL**  
**DE**  
**RADIO**  
**ABIDJAN**

**MERCI POUR VOTRE REPORT**  
**CONCERNANT NOTRE EMISSION**  
14/8/73

(A) - a - b - c - d - X - Y - Z  
B - a - b - c - d - X - Y - Z  
C - a - b - c - d - X - Y - Z  
D - a - b - c - d - X - Y - Z  
E - a - b - c - d - X - Y - Z  
F - a - b - c - d - X - Y - Z

**Heure GMT**

a = 00 h à 06 00 h  
b = 06 00 h à 12 00 h  
c = 12 00 h à 18 00 h  
d = 18 00 h à 24 00 h  
X = FRANCAIS  
Y = VERNACLAIRE  
Z = ANGLAIS

(A) = 11820 kc/s - 100 KW  
B = 7235 kc/s - 1 KW  
C = 6015 kc/s - 100 KW  
D = 4940 kc/s - 25 KW  
E = 3242 kc/s - 10 KW  
F =

Contributed by Sandy Eichenhorn

- LIBERIA:** Voice Of America, Monrovia, 7280; 30 year Antenna card in 8d for Eng. rpt., no rp. Scott asks how come VOA cards are not postmarked? (Brown CA)
- MALAGASY REPUBLIC:** Radio Nederland, Tananarive, 11740; Royal Family card in 41d air for no rp and Eng. rpt. (DuRant Thailand)
- MALI:** Radio Mali, Bamako, 5925; Three page friendly handwritten letter in French w/ date & time; in 75d for 2 IRCs & French report. (Fleming NY)
- MAURITANIA:** Radiodiffusion Nationale De Mauritanie, Nouakchott, 4850; Full data card picturing country, in 23d air for MS and Fr. rpt. (Maher NY)
- MOROCCO:** Voice Of America, Tangier, 6040; Antenna card in 7d (Brown CA)
- Radiodiffusion TV Marocaine, Tangier, 15360; No data white & blue map card in 240d surface for 2 IRCs and Eng. rpt. (Wiseberg ONT) Same no data folder card w/sked printed on QSL, in 45d air for 2 IRCs and Eng./Fr. rpt. (Eichenhorn MI)
- NIGERIA:** Nigerian Broadcasting Corporation, Kaduna, 3396; Full data Flag card from Lagos, in 22d air. 3 IRCs (returned) and Eng. rpt. (Henderson MD) Dan has now verified all Nigerians; nice going OM! NBC, Benin City, 4932; 2 R. Nigeria cards w/full data, from Lagos; in 17d air, no rp and Eng. rpt. (Mayer IL)
- Voice Of Nigeria, Lagos, 11200; Nigerian Flag card w/full data in 15d air for 2 IRCs (returned) and Eng. rpt. (Whitehead MA) Same card in 16d air for no rp and Eng. rpt. (Lovett OH)
- RWANDA:** Deutsche Welle Relay, Kigali, 21540; Yellow & Blue outline map of Africa card, in 24d air for no rp and Eng. rpt. (DuRant Thailand)

**SOUTH AFRICA:** South African Broadcasting Corporation, Verwoerd, 3250; received RSA's lilac-breasted roller card in 135d surface; no rp (Trubee HI) SABC, 3997, Johannesburg; South African Industries card in 13d by air for 1 IRC and Eng. rpt. /s/: T. van Heerden (Cleveland CA)  
 Radio RSA, Johannesburg, 9695; Giraffe card and two "RSA Calling" mags in 21d air for no rp and Eng. rpt. (Meehan CA) Giraffe card w/full data and RSA Calling in 21d for 2 IRCs (Johnson CA)  
 RSA, 11970; Full data Giraffe card, 11d, no rp. (Galvan NJ) Same card plus sked and pennant in 15d air, no rp and Eng. rpt. (Straumanis IL) Same Giraffe card, 13d, 1 IRC (Day CA) Ditto, 13d, no rp (Smith FL)  
**TOGO:** Radio Togo, Lome, 5047; Red/green Map card w/full data in 600d sea mail for 2 IRCs and Fr. rpt. Suspect this is a duplicate of one already verified. (Day CA)

## ASIA

**AFGHANISTAN:** Radio Afghanistan, Kabul, 15265; Full data map card via air in 180d for second f/up; sent MS and cancelled US stamps. It took three reports over a couple of years to get this one. (d'Adolf ND) Where there's a will, there's a way! Map card w/full data in 169d air for 2 IRCs and Eng. rpt. (Mayer IL) Ye old Map card w/full data in 30d for 1 IRC and Eng. report. (Eichenhorn MI)  
**BANGLADESH:** Radio Bangladesh, Dacca, 15455; White card w/full data arrived in 32d via air for 2 IRCs and Eng. rpt. /s/: M. Habibullah (Maher NY)  
**BRUNEI:** Radio Brunei, 7215; Yellow/green Map & castle card by air in 18d for 2 IRCs and Eng. rpt. All data except time. (Johnson CA)  
**CHINA (PEOPLES REPUBLIC):** Radio Peking, 9780; Yangshu Landscape card with date & freq. only; in 60d by air, no rp. Also pennant, letter, and sked (Eichenhorn MI) RP, 15060; Yangshu card in 38d air plus sked, pennant and mags to follow; 3 IRCs. (Sigel IA) Card w/painting of sentry post in the Ching Kang Mts in 20d w/date and freq.; no rp. (Cleveland CA)  
**CHINA (REPUBLIC):** Voice Of Free China, Taipei, 15345; Plain card w/full data plus sked & pennant in 38d air for 2 IRCs and Eng. rpt. (Maher NY) VOFC, 17720; Green/white/blue card with full data in 75d via airmail for Eng. rpt. and no rp. Also sked & pennant. (Eichenhorn MI)  
**CYPRUS:** BBC East Mediterranean Relay, Limassol, 7250; Thames card w/full data and site typed in; 36d by air, no rp; (Smith TN) Glory be!  
**INDIA:** All India Radio, 11810; Taj Mahal card w/full data in 120d surface for no rp and Eng. rpt. Also rec'd skeds. (Johnson CA) AIR, 17705; Rock carving, Mahabalpuram card w/full data in 98d air, no rp. (Trubee HI)  
**INDONESIA:** Radio Republik Indonesia Nusantara, Ujung Pandang, 4720; B&W studio card plus personal letter in 21d for 3 IRCs and Eng. rpt.; all came by registered airmail; also rec'd sample RRI sked. (Snyder CA)  
 See letter at end of this month's column -ds-  
**IRAN:** The Voice of Iran, Teheran, 9022; Colorful full data card of Radio and TV center; in 150d air for 1 IRC and Eng. rpt. Also rec'd 3 PC's and registered letter. (Mayer IL) Card w/full data in 105d plus 2 PC's by registered mail for 2 IRCs. (Fleming NY)  
**IRAQ:** Radio Baghdad, 6155; Map of Iraq card and sked in 119d surface for no rp and Eng. rpt. (Shafton NY)  
**JAPAN:** Nippon Hoso Kyokai, Radio Japan, 11875; "Noh" Music text card, from current series of cards plus Radio Japan News, sked and map of Japan; in 17d air for no rp and Eng. rpt. (DuRant Thailand) RJ, 15105; Script card, RJ News and sked in 14d air for no rp and Eng. rpt. (Brown CA) Music text card and sked in 7d air for RJ report form and no rp. (Miller CA) Same card and sked in 13d. (Paschke WI) Same card w/freq. and date only in 12d for no rp. (Meehan CA) RJ, 15445; Music text card with full data except time in 14d air; no rp (Galvan NJ) Same card, 12d, plus skeds and "lots of good stuff", for Eng. rpt. and 3 IRCs, (returned) (Trzaskus IL) Same card, 28d air (Zelasko IN) RJ, 17825; Good old music text card in 15d air plus "flying crane" pennant, very colorful. (Day CA) Koyomon Gate card in 9d air. (Day CA) (I think they're trying to unload their music text cards before the end of the year)

Voice Of America, Okinawa, 7165; Full data Antenna card in 14d surface (Castello CA) Same, in 7d (Brown CA) Now Scott, what do you have against Monica Vall.? How would you like to sign all those cards? hi.

Nihon Short-Wave Broadcasting Company (NSB), Tokyo, 6055; Yellow card w/full data in 14d air for 2 MS and Eng. rpt. (Miller CA)

JORDAN: Radio Amman, 11810; Card featuring "Petra - The Treasury" in 45d by air for no rp and Eng. report. (Shafton NY)  
KUWAIT: Radio Kuwait, 15415; three page folder card w/building in 70d for 1 IRC and English report; also received latest sked. (Smith MA)  
PHILIPPINES: Far East Broadcasting Company, Manila, 6030; 25th Anniversary card by air mail in 49d for 1 IRC and Eng. report. (Nebron CA)

Voice Of The Philippines, Manila, 9580; sent cordial personal letter and a green QSL card with all details except time, via airmail in 154d for 2 IRCs. /s/: Ernesto G. Madrid, General Manager. (Pistek IL)

RSFSR (ASIATIC): Radio Moscow, Khabarovsk, 12050; Card in 21d by air for no rp and Eng. report. (Nebron CA) RM, Komsomlsh-on-Amur, 17860; Card in 21d airmail (Nebron CA)

SINGAPORE: Radio Singapore, 5052; Full data "Singapore At Night" card in 90d surface for 1 IRC and Eng. report. For R. Singapore, Don equates elapsed time versus irc's sent - 1 IRC = 3 months and 2 IRCs = 2 weeks. (Johnson CA)

SRI LANKA: Radio Ceylon, Colombo, 11825; Color photo of Girls Making Lace card; freq. listed on card as 11800; in 45d by air for no rp. (DuRant Thai) RC, 15120; Girls making lace card in 42d air for 1 IRC.f/data. (Trubee HI)

THAILAND: Thai TV Company, Bangkok, 7105; Personal letter w/full data by registered air mail in 28d for 2 IRCs and Eng. rpt. /s/: Mr. Danai Sriyabhai. (Mayer IL)

TURKEY: Radio Ankara, Voice Of Turkey, Ankara, 11880; Photo of Topkaki-Harem card in 36d air for no rp; also rec'd sked and flag. (Lovett OH)

VIETNAM (DEMOCRATIC REPUBLIC): Voice Of Vietnam, 15105; card w/full data in 150d; also rec'd sked. No rp. (Fleming NY)



*If Greenland merged with the Canary Islands, would it be called The Green Canary?*

*If Bolivia merged with Chile, would it be named Bolachile?*

## OCEANIA

AUSTRALIA: Radio Australia, Lyndhurst, 5995; Full data blue & yellow Kangaroo card in 75d. (Gaede CA) RA, 9540; Full data yellow & green 73 Peter Homfray card in 77d. (Gaede CA) RA, 9570; 73's Peter Homfray card in 71d surface for no rp. (DuRant Thailand) RA, 9580; "Elderberry Ash" wildflower card in 189d surface for no rp. Used RA's report form. (The Testas MA) "Green Kangaroo Paw" wildflower card in approximately 150d surface for no rp. (Trzaskus IL) 3 73's For 73 cards for three reports in 74d, 94d, & 99d, no rp. (The Testas MA) Parliament House, Canberra card in 90d surface for no rp. (Trzaskus) Kangaroo card in 90d (Zelasko IN) RA, 11710; 2 73's For 73 cards for 2 reports, in 90d & 97d (The Testas MA) RA, 11790; 73's for 73 card in blue w/black kangaroo in yellow/green disk, in 71d surface. (DuRant Thailand) Green Kangaroo-Paw wildflower card in 134d. (DuRant Thailand) RA, 15160; Elderberry Ash wildflower card in 105d. (Trzaskus IL) RA, 15320; 73's w/ Peter Homfray card, 88d (Shafton NY) 73's Peter Homfray card in 90d (Zelasko IN) Same card, 71d. (DuRant Thailand) RA, 17715; Peter Homfray 73's card w/full data in 75d. (Gaede CA) RA, 17795; 73's For 73 card; (Sigel IA) 17d air for 3 IRCs; (Meehan CA) 17d; (Day CA) 63d; 73's Kangaroo card: (Day CA) 70d; (Shafton NY) 88d; Elderberry wildflower card, 60d (Day CA) RA, 21740; Full data "Scented Sun Orchid" wildflower card in 120d, no rp. (Galvan NJ)



**AUSTRALIA (CON'T):** Australian Broadcasting Commission, Lyndhurst, 9680; VLH9, card w/map of Australia with MW & SW domestic stations marked; in 330d surface for no rp and Eng. rpt. ; Full data. (Meehan CA) ABC, Perth, 15425, VLW15; Map card w/full data in 90d air for no rp.(Eichenhorn MI)  
**PAPUA & NEW GUINEA:** ABC, Port Moresby, VLT4, 4890; Full data blue Papua/ New Guinea map card in 125d air for 2 IRCs and Eng. rpt. (Wiseberg ONT)  
**TAHITI:** Radio Tahiti, Papeete, 11825; Blue card w/full data in 210d for 2 IRCs and Eng. rpt. (Castello CA) R. Tahiti, 15170; blue & black card w/French veri statement, by air in 270d for 3 IRCs and Eng./Fr. rpt. (Griffith CO)

## NORTH AND CENTRAL AMERICA

**CANADA:**Radio Canada International, Montreal, 5970; Full data DX Friendship Year 73 card in 28d for no rp. (Jones MS) RCI, 6085; Full data DX Friendship Year 73 in 21d, no rp.(Galvan NJ) Same, 42d. (Smith TN) Ditto, 30d (Moore PA) RCI, 6125; DX 73 card, full data, 18d (Johnson CA) RCI, 9525; Following DXers received the DX FRIENDSHIP YEAR 73 card: (Meehan CA) 30d; (Zelasko IN) 21d;(Trzaskus IL) 19d; (Trzaskus IL) 28d; (Day CA) 30d;And Mr. Day also received the Wheat card from RCI in 21d for no rp (Day CA) RCI, 9625; (Straumanis IL) WDXFY card in 32d; (Nebron CA) ; (De Angelis) 26d; RCI, 11835; Full data Wheat card in 22d surface. (Straumanis IL) RCI, 11845; World DX Friendship Year card in 26d (Shafton NY) RCI, 15190; WDXFY 73 card w/full data in 30d. (Kelley FL) RCI, 15315; WDXFY 73 card in 21d (Paschke WI)

CBC Northern Service, Montreal, 9625; Eskimo Sculpture card w/full data in 18d surface for no rp. and Eng. report. (Paschke WI)

CFRX, Toronto, 6070;"Carnival" card w/all data except time in 6d for no rp (Meehan CA)

CHNX, Halifax, 6130; Plain white card w/no time, in 12d surface for no rp. (Lovett OH) White card for 1 Canadian dime. (Moore PA)

**COSTA RICA:** Radio Atenea, San Jose, 6150; Letter w/all data except time and pennant in 35d air for mint stamps and Spanish report. (Maher NY)

**GUATEMALA:** TGNA, Guatemala City, 5955; Card, in 42d for MS. (Nebron CA)

**HAITI:** Radio 4VEH, Cap-Haitien, 9770; Full data folding card of Vertier

Memorial in 150d surface for 1 IRC and Eng. rpt. Also received sked.

(Kelley FL) 4VEH, 11835; Vertier Memorial folding card in 135d for 1 IRC

and Eng. rpt. (Lovett OH) Same card,63d, 2 IRCs & Eng. rpt. (Snyder CA)

**HONDURAS:** HRVC, La Voz Evangelica, Tegucigalpa, 4820; Card and sked, plus

the notation that they have no pennants, in 81d surface for 1 IRC and

English report. (Lovett OH)

**MEXICO:** Radio Yucatan, Merida, 6105; Letter in Spanish w/full data plus

sked, stamps and decals; in 14d surface for 1 IRC and Sp. rpt. (Kelley FL)

**NETHERLANDS ANTILLES:** Radio Nederland, Bonaire, 9715; Save the Amsterdam

card in 81d air for no rp; second card for this same report; (Trubee HI)

RN, Royal Family card in 56d air, no rp. (Meehan CA) RN, 11730; Full

data letter for EDXC broadcast, in 18d air for MS; (Smith TN) Royal

Family card in 35d air. (Nebron CA)

Trans World Radio, Bonaire, 11815; Flamingo Is. sheet card in 45d air

for 1 IRC; also rec'd sked listing MW broadcasts. (Geckle MD) B&W photo

of transmitter building, w/full data in 15d air for 2 IRCs (Snyder CA)

TWR, 11930; Transmitter building card in 90d air for 1 IRC.(Trubee HI)

**MARTINIQUE:** ORTF, Martinique, Fort de France, 3315; Card w/pic. of sea-

shore, w/all data but time; in 16d air for MS and Fr. rpt./s/: L.

Lasrieu. (Maher NY) B&W Beach scene w/date only in 36d air for French

report and 2 IRCs (Mayer IL)

**TURKS & CAICOS ISLANDS:** VS18, Grand Turk, 4788; Friendly letter w/date,freq

and confirmation statement; also rec'd 9 post cards, and booklet on the

islands; they want more good reports; 40d air,2IRCs, Eng.rpt.(HendersonMD)

**WINDWARD ISLANDS:** Radio Grenada, St. Georges, 3300; Letter w/full data

except for wrong frequency in 30d for 2 IRCs. 7s/: Desmond Baptiste.

(Eagan PA)

## SOUTH AMERICA

BRAZIL: Radio Brazil Central, Goiania, 4925; Full data Port./Eng. letter along with a postcard; in 120d surface for MS and Port. rpt. (Wiseberg OMT) Letter in Port./Eng. (more or less) with full data in 135d, no rp (Fleming NY)

Radio Nacional de Brasilia, Brasilia, 15445; Full data picture post card of the congress building; in 35d air for 1 IRC and Eng. rpt. Also rec'd sked, mag, pennant and personal letter. (Mayer IL) Full data post card w/data typed in; under separate cover a pennant and tourist info; Eng. rpt, MS. (Smith TH)

COLOMBIA: Radio Bucaramanga, Bucaramanga, 4845; Letter in Spanish w/date and time only; also rec'd used stamps, small blue pennant. In 17d by airmail for mint stamps and Spanish report. (Whitehead MA)

Radio Guatapuri, Valledupar, 4915; Friendly letter in 120d seammil and a pennant, for mint stamps. /s/: Glenix Peraza Moron. (Calkin Europe) Letter w/no data and pennant for minstamps (?) and Sp. report. (Eichenhorn MI)

Radio Santa Fe, Bogota, 4965; Full data PC w/photo of prehistoric sculpture and a green/white/black pennant plus a sticker; in 90d by airmail for 2 IRCs and Spanish report. (Straumanis IL)

Radio Super, Bogota, 6065; Eng. letter w/verie statement only plus large bumper sticker; in 20d air for MS and Spanish report. (Wiseberg OMT)

ECUADOR: HCJB, QUITO, 9560; Oil Pipeline card w/full data in 20d air for 2 IRCs.

(Sigel IA) 11740; Same card, 23d, 2 IRCs. (Sigel IA) Oil In Ecuador card, 4th in series plus sked and calendar, in 24d air for 2 IRCs. (Zelasko IN) Full data Oil In Ecuador in 26d air for US mint stamps. (Smith TH)

11745; Oil Pipeline card, #3 in series, in 24d air, 1 IRC. (Brown CA) Card #2 in series plus skeds, pennant; 190d surface, no rp. (Lovett OH) 15115; Card #4 in oil series in 27d air for 2 IRCs; calendar also came (Trzaskus IL)

Radio Paz Y Bien, Ambato, 4820; Spanish letter with all data except time in 67d air for MS and Spanish report. Stationcard also came. (Wiseberg OMT)

FRENCH GUYANA: ORTF, Cayenne, 3385; Form letter w/frequency only; in 51d by airmail for MS and French report. (Mayer IL)

GUYANA: Guyana Broadcasting Service, Georgetown, 3290; Full data form letter in 11d air for 2 IRCs and Eng. rpt. 2nd try. (Marshall OMT) Letter in 21d air for 2 IRCs and Eng. rpt. Letter had full data. (Eichenhorn MI)

PERU: Radio Andahuaylas, 4840; Letter w/no data sent registered air, in 27d for MS and Spanish report. /s/: Daniel Casafranca. (Maher NY)

VENEZUELA: Radio Universo, Barquisimeto, 4880; Card w/date and freq. in 34d air for MS and Spanish report. (Wiseberg OMT)

Radio Rumbos, Caracas, 4970; Full data PC of Caracas center, in 240d surface for MS and Spanish/ tri lingual form. (Eichenhorn MI) RR, 9660; Card w/ Bolivar & Plaza Diego Ibarra, plus local PC and comm. stamps, in 77d air for no and English report. (Trubee HI) Card w/color photo of "Colonia Tovar" plus stamps in 68d for 2 IRCs and Spanish report. (Lovett OH) Full data card in 180d for 1 IRC and Spanish report. (Castello CA)

## QSL Potpourri

I did not receive too much in the way of QSL information this month, but I have to fill the rest of this page! Concerning some postal information, the Indonesian regional stations prefer at least 3 IRCs or lots of mint stamps for an airmail reply. Postage is very expensive. TWR, Bonaire, will reply by airmail for 1 IRC; no rp and reply will be sent surface.

FEBC, Manila, is offering their "relatively" new 25th anniversary QSL for the remainder of this DX Friendship year. I have been forwarded one address for those fortunate enough to hear it; Radio Station "Atlantica"

June 17th Square 8  
Riga, Latvia, USSR

Rumor has it that a special QSL will be issued from "The Voice of Christmas Present" for all reports received on it annual (and only) broadcast from the North Pole on the morning of December 25th. Unfortunately, no frequencies have been announced, but should you hear the transmission, address all reports to "The Voice of Christmas Present", PO Box 12/25, Igloo Park Road, North Pole, Attn: Mr. S. Claus. Be sure to send a copy of your report to SPEEDX and your neighborhood psychiatrist.

Be sure to keep those reports coming in folks, and thank to all 46 contributors this month. Have a nice holiday season. And for the last time,

73's In 73,  
Denny

CHRISTMAS IS - Love, a smile, and worldwide friendship



## RADIO BANGLADESH

DACCA.

by e.j. "jim" whitehead \*



When the retreating Pakistani Army surrendered to Indian and Bengali liberation forces on 16 December 1971, conditions in the new nation of Bangladesh were chaotic at best. There was a crying need to relay instructions to people seeking relief, to calm the populace, and to disseminate the instructions of the new government. Communications were non-existent and all radio stations had been heavily damaged. It appeared that only by means of a miracle could communication with the populace be restored yet, thanks to the work of a few dedicated men, Bangladesh had a powerful transmitter on the air within 24 hours of the surrender and nearly full service restored in a matter of weeks. Thus was Radio Bangladesh born and this is its story.

One can scarcely imagine the picture which slowly came into focus as the euphoria of independence subsided. All five transmitters at the central facility in Dacca were heavily damaged as was the building which housed them. A similar fate had befallen the medium wave transmitting facilities in Chittagong, Rajshahi, Rangpur, and Sylet while the transmitter at Khulna Station had been hammered into junk. To make matters worse, there wasn't a spare part in all Bangladesh. The central warehouse was in Karachi and, needless to say, inaccessible. Repairing the damage was going to take all the skill, ingenuity, and improvisation the engineers and technicians could muster.

But where were the engineers and technicians to come from? Here Bangladesh, unlike most new nations, was extremely fortunate. Although small in number, Bangladesh possessed a corps of veteran civil servants, a legacy of Pakistani bureaucracy, experienced in running a government and its radio station. These people knew what had to be done and how to do it. The result was that within days most government functions had returned to normal and within hours radio service was restored.

The work to repair the war damaged transmitters began early on the morning of 17 December 1971 and, by later the same day, three of the five transmitters at the Dacca facility were on the air. No doubt the others would also have been on the air too, had not the absence of a part of the transmitter building roof prevented it. Radio Bangladesh was in business!!

Staffing the new radio service turned out to be almost as big a problem as repairing the transmitters. There was, in fact, no staff at all save for two small actualities and engineering groups. The existing staff, however, assumed the additional duties necessary to activate the station and service was begun as soon as the transmitters were ready. At first, programming was mostly music and news. Now, however, other features have been added.

With the Dacca station again on the air, the repair crew directed its attention to the other facilities. The first back on the air was Rajshahi station which was quickly restored once the crystal removed by the Pakistani forces was replaced. The damage at Rangpur station, however, was so great it took three weeks to restore service and even worse off were the facilities at Chittagong and Sylet which took more than a month to repair. Now, even the heavily damaged Khulna station is on the air again albeit with only a temporary arrangement employing a 1 kw standby transmitter brought from Dacca.

The rapid establishment of Radio Bangladesh led many DXers around the world to conclude that Bangladesh was using the facilities of All India Radio or, as one rumor had it, that a new high power transmitter had been flown in from the USSR. Frequently such rumors were accompanied by statements like "The old Dacca transmitter never sounded like that" or "That old transmitter in Dacca never put out a signal like that." But, it was that old Dacca transmitter not All India Radio or a new Russian transmitter and the engineers at Radio Bangladesh are justifiably proud of this accomplishment.

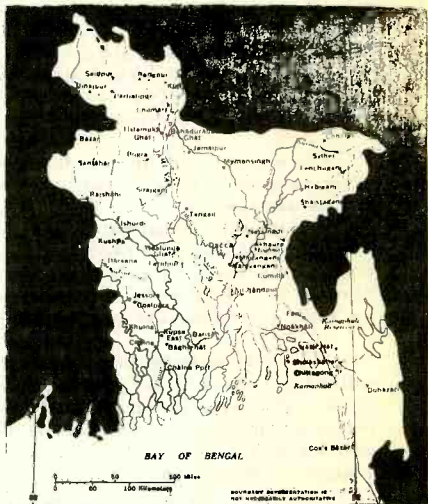
Perhaps it was the excellence of the repair job that made it sound different but we now know the secret behind the increased signal strength. Seems that prior to the war Radio Pakistan ordered two dual band curtain antennas from the Wind Turbine Company of the USA. Installation was never quite completed, however, because the company went bankrupt and the antenna was not tested. As they repaired the transmitters, the engineers of Radio Bangladesh simply hooked up the new antennas. The result was an increased output from that "old Dacca transmitter".

Strangely enough the rumors of a new Russian transmitter were simply premature. Prior to the war, Radio Pakistan had ordered a 100 kw shortwave transmitter intended for Dacca from the Soviet Union. After gaining its independence, Bangladesh renewed this contract and delivery was made in mid-1972. Installation progressed rapidly and on Victory Day 1972, one year after it began broadcasting, Radio Bangladesh commissioned its new transmitter.

Thus, at present, Radio Bangladesh operates three shortwave transmitters all located in Dacca. The two 100 kw transmitters are used for external services together with a Rhombic and the HF Curtain antennae previously mentioned. A smaller 10 kw transmitter is used for regional broadcasting and as a backup transmitter.

#### Future Plans

Once its initial objectives of getting on the air and pulling together a workable staff were attained, Radio Bangladesh entered into a period of planning and stock taking. Discussions were held, including a month long session with a team from Radio Japan, and goals were outlined, needs were assessed, and priorities were assigned. The result was an ambitious but practical expansion plan designed to provide the new nation of Bangladesh with comprehensive radio service.



DXers will be happy to note that high on the list of priorities is the immediate installation of two-250 kw shortwave transmitters which will be used to beam the foreign service to target areas in Europe, Africa, and Asia. The future addition of 2 more 250 kw transmitters is also planned. It is expected this will eventually result in an External Service operating Round-the-Clock. There are also plans for three 100 kw MW installations as well. Two, at Khulna and Chittagong, will greatly expand the cyclone warning system in the Bay of Bengal while the third will be located so as to cover the northern region of the country.

New studios will also be added to relieve the present shortage. The 15 year old main Dacca station has but five studios and many stations have none at all. 25 to 30 new studios will be required to cater to the needs of the two national networks that are planned.

Radio Bangladesh, which celebrates its 2nd birthday on 17 December, currently broadcasts in English four times a day. The most widely noted of these transmissions is the 1230-1300 GMT broadcast on 15455 and 17690 khz. You might also try the 0230-0300 GMT broadcast on 11650 and 15520 but your chances of logging the 1845-1900 GMT and 2100-2200 GMT transmissions on 4890 and 9495 khz are pretty slim.

--XXXX--

SPEEDX is grateful for the cooperation of Radio Bangladesh Chief Engineer Mr. M. Habibullah without whose help this article could not have been written.

THE DREAM RECEIVER OF THE 1930's -

THE SCOTT PHILHARMONIC

BY J. RUSS MAPPIN

NOTWITHSTANDING THAT PRESENT DAY DXING RECEIVERS ARE VASTLY IMPROVED FROM THOSE OF FORTY YEARS AGO, THERE WAS ONE- THE SCOTT- WHICH ALWAYS WAS RECOGNIZED AS AN OUTSTANDING PERFORMER FOR ITS TIME. MOST OF THE FAMOUS OCEAN LINERS OF THE DAY WERE EQUIPPED WITH ONE OR MORE MODELS OF THESE RECEIVERS BECAUSE OF THEIR EXTREMELY HIGH-QUALITY PERFORMANCE AND AN UNCANNY ABILITY TO RECEIVE BROADCASTS FROM ALL CORNERS OF THE WORLD.

CIRCUMSTANCES IN THE 1930'S PREVENTED MY OWNING ONE, BUT A LOVE AFFAIR WITH THE SCOTT RECEIVER WAS BEGUN AT THAT TIME AND CONTINUES TO THIS DAY. I WROTE FOR AND OBTAINED BROCHURES, REGULARLY, FROM MR. SCOTT AND MY INTEREST WAS CONSTANTLY INCREASED. NOT THE LEAST OF MY APPRECIATION STEMMED FROM THE KNOWLEDGE OF THE RIGID STANDARDS UNDER WHICH EACH SET WAS ASSEMBLED- SOMETHING VIRTUALLY UNHEARD OF TODAY.

EACH AND EVERY COMPONENT RECEIVED FROM THE SUPPLIER WAS TESTED; NOT BY A RANDOM SAMPLING, BUT EACH ONE WAS INDIVIDUALLY TESTED. CAPACITORS WERE TESTED TO SEVERAL TIMES THE VOLTAGE VALUES TO BE ENCOUNTERED IN THE RECEIVER. AFTER COMPONENT SELECTION, THE RECEIVER WAS BUILT, NOT ON A PRODUCTION LINE, BUT INDIVIDUALLY, BY EXPERT LABORATORY TECHNICIANS. UPON COMPLETION, ALIGNMENT, AND INITIAL TESTING, THE SCOTT RECEIVER WAS PUT THRU A FORMIDABLE SERIES OF TESTS, THE LAST BEING A RACK-TEST OVER A 12-HOUR PERIOD (ONE HOUR ON, ONE HOUR OFF, ETC.). THIS ALTERNATE HEATING AND COOLING REPRESENTED THE FINAL EFFORT TO BRING OUT ANY WEAKNESS OR DEFECT WHICH MIGHT EXIST. IF ANY OF THE CHARACTERISTICS HAD CHANGED, THE CAUSE WAS DETERMINED AND CORRECTED AND THE ENTIRE SERIES OF TESTS WAS PERFORMED AGAIN- INCLUDING ANOTHER 12-HOUR RACK-TEST.

SO, PERHAPS, YOU UNDERSTAND NOW WHY I SEARCHED AT INTERVALS OVER THE PAST THIRTY YEARS TO FIND A USED SCOTT RECEIVER, AND FINALLY FOUND ONE. FOR FORTY FIVE DOLLARS, IN AN "AS IS" CONDITION, I OBTAINED A SCOTT PHILHARMONIC IN TRENTON, NEW JERSEY. UPON UNPACKING IT, ITS APPARENT CONDITION WAS EXTREMELY DISAPPOINTING. IT HAD BEEN STORED IN A DAMP PLACE AND RUST SPOTS APPEARED THRU THE CHROME FINISH. THE 12-COIL SHIELD CANS WERE BLACK FROM LACK OF CARE AND THE TWENTY-TWO TUBE SHIELDS WERE ALMOST BEYOND RESTORING. I ACCEPTED THE CHALLENGE AND BEGAN THE RESTORATION, MUCH AS AN ANTIQUE CAR BUFF RESTORES AN ANTIQUE CAR.

A LIBERAL USE OF CHROME POLISH, FINE SANDPAPER, AND MUSCLE POWER GAVE A START TO A LIKE-NEW CONDITION. GROUNDS WERE LOCATED AND CORRECTED BY REPLACING CAPACITORS AND RESISTORS, AND THE RECEIVER WAS THEN IN OPERATING CONDITION. ANOTHER SURPRISE, THIS TIME A VERY PLEASANT ONE! SUCH SENSITIVITY, SELECTIVITY, AND FIDELITY I NEVER EXPECTED. A BRIEF DESCRIPTION OF THE CIRCUITRY WILL EXPLAIN THE REASON FOR THIS EXCELLENT PERFORMANCE.

AS CAN BE EXPECTED, THE CIRCUITRY IS COMPLICATED WHEN THIRTY TUBES ARE EMPLOYED. STARTING WITH THE ANTENNA PICK-UP, THIS MODEL OF SCOTT INCORPORATES TWO RF STAGES WITH THREE TUNED CIRCUITS, WHICH ACCOUNTS FOR ITS SENSITIVITY TO WEAK SIGNALS. THE CONVERTER AND OSCILLATOR ARE TWO SEPARATE TUBES, VOLTAGE REGULATED TO ELIMINATE DRIFT. THE TWO CONVERT THE IN-COMING SIGNAL TO THE IF FREQUENCY OF 465 KHZ.. A FOUR STAGE IF AMPLIFIER IS USED. THIS IS ALSO A COMPLICATED BUT INTERESTING SERIES OF MANY NOVEL FEATURES THAT ADD MATERIALLY TO THE RECEIVER'S HIGH QUALITY. AFTER DETECTION, THE SIGNAL OR AUDIO PART PASSES TO YET ANOTHER COMPLICATED AUDIO AMPLIFIER CIRCUIT, USING A TOTAL OF TEN TUBES. AT THE START, IT FEATURES THE USUAL FIRST AMPLIFIER FEEDING THE SECOND STAGE, A PHASE INVERTER; THEN COMES A PUSH-PULL VOLUME RANGE EXPANDER- THIS INTO A TWO TUBE DRIVER STAGE FOLLOWED BY THE OUTPUT STAGE OF FOUR 6L6G TUBES UTILIZING THE INVERSE FEED-BACK PRINCIPLE. THESE FOUR TUBES USED IN PUSH-PULL PARALLEL, TOGETHER WITH THE SPECIALLY DESIGNED DRIVER STAGE, ALLOW 75% OF THE GAIN OF THE 6L6G TUBES TO BE USED FOR DISTORTION CANCELLATION IN THE TUBES THEMSELVES. THIS MEANS THAT THE LAST TRACES OF DISTORTION ARE CUT BY A FACTOR OF 4 TO 1, RESULTING IN AN OUTPUT OF 40 WATTS OF PURE CLASS "A".

THE SPEAKER WAS ESPECIALLY DESIGNED FOR HIGH-FIDELITY REPRODUCTION AND HEAVY DUTY PERFORMANCE. A 15" CURVILINEAR DIAPHRAGM AND A HEAVY 2" VOICE COIL WAS BUILT TO SCOTT SPECIFICATIONS BY MAGNAVOX.

THE RECEIVER COVERS A RANGE FROM 60 MHZ TO 150 KHZ (5-2000 METERS) IN SIX BANDS ON AN EIGHT INCH LIGHTED DIAL. A TRAVELLING SPOT POINTS TO THE APPROXIMATE FREQUENCY AND A LOGGING DIAL IS PROVIDED. IN PRACTICE, AS I USE IT, THE DRAKE SPR-4 IS TUNED TO THE STATION BEING RECEIVED ON THE SCOTT, AND THE DRAKE DIAL READ-OUT GIVES THE FREQUENCY TO WHICH THE SCOTT IS TUNED.

(CONTINUED)

(CONTINUED)- THE DREAM RECEIVER...

BY CAREFULLY ADJUSTING SENSITIVITY BELOW THE LOCAL NOISE LEVEL AND THE SELECTIVITY TO THE REQUIRED AMOUNT (WHICH IS CONTINUOUSLY VARIABLE FROM 2 TO 16 KHZ), THEN WITH CAREFUL TUNING AND VOLUME ADJUSTMENT, ANY WEAK SIGNAL CAN BE BROUGHT UP TO A COMFORTABLE LISTENING LEVEL.

BESIDES PROVIDING ME WITH EXCELLENT DX, THE RECEIVER ALSO SERVES QUITE WELL TO KEEP THE SHACK NICE AND COZY (HI). AS AN ACTUAL FACT, THE ROOM IS AT 70 DEGREES. A THERMOMETER WAS PLACED ON THE SPEAKER (WHICH PRODUCES NO HEAT IN ITSELF), BUT THE POWER SUPPLY/AMPLIFIER JUST BELOW, WITH ITS TWO 5Z3'S AND FOUR 6L6 TUBES, CAUSES THE THERMOMETER READING TO REACH 95 DEGREES. THE BACK OF THE CONSOLE IS OPEN SO THE HEAT CIRCULATES INTO THE ROOM. TRULY A "HOT" RECEIVER.

SO, AFTER MY THIRTY-THREE YEAR SEARCH FOR THE EXACT MODEL I HAD HOPED TO FIND, HERE IT IS!!! I HAVE ENJOYED MANY HOURS OF RE-WIRING AND RESTORATION, AND SHALL CONTINUE THIS ADVENTURE AS TIME AND FINANCES WILL PERMIT. SHOULD ANY OF YOU WHO READ THIS EVER RUN ACROSS ANOTHER OF THESE DUSTY BUT REMARKABLE SCOTT ANTIQUES, I WOULD CERTAINLY APPRECIATE HEARING FROM YOU.

Eds note: Russ is trying to locate 22 tube shields for the Scott receiver, can you help him.

73'S IN 73 FROM 73 YEAR OLD

J. RUSS MAPPIN  
W-2924 GARLAND  
SPOKANE, WA 99205

\* \* \*

Certainly, there must be a number of good ideas for the handy filing of SPEEDX issues. If you think your solution is a particularly good one, how about submitting an explanatory article.

Here is one solution which might appeal to some of you. Available from at least two mail-order concerns is an accordion type folding file, containing thirteen pockets, each pocket capable of holding three or four issues of SPEEDX. The 8½" X 7" file is expandable to 12" when filled with 40-50 SPEEDX copies. It fits very nicely into any bookshelf, or deep drawer.

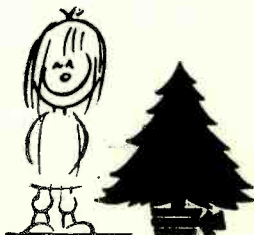
Originally designed for the ladies as a place to store their favorite patterns, it bears the words "Pattern Place" on one of the end panels. If you object to that, these words can be covered simply by pasting a cloth or paper panel over the printing.

To the best of my knowledge, both of these concerns are reputable and reliable. An order may be sent to Walter Drake & Sons, 405A Drake Bldg. Colorado Springs, Co. 80940, requesting catalog item N6065 (Pattern Caddy). Price is/was \$ 1.98 each, including postage.

The identical item is also carried by Sunset House, 185 Sunset Blvd., Beverly Hills, CA. 90213, as catalog item 150113 (Pattern Place). Sunset House requires a minium order of \$ 2.00 so it is likely that two or more files would have to be ordered. With their handling and postage charges included, this price would be about \$ 3.98 for two. (prior to inflation)

Still another possibility, if you reside in the vicinity of a good bookbinder is to get a price for binding two years, or 24 issues, of SPEEDX into one hard-cover book. Comparison shopping here suggests that this permanent and professional binding job should be obtainable at an approximate cost of \$5.00 per volume (24 issues of SPEEDX).

These suggestions were submitted by Art Glover 2318 S. Laurel Port Angeles, Wash. 98362. If you have any suggestions, send them to Art, or to Headquarters we will print them.



# CONTRIBUTORS PAGE

The number preceding each name indicates the number of credit points each contributor has earned this month. An asterisk (\*) indicates a carry over credit from a previous month. Contributors to Western Hemisphere and UTE Chaser's Corner are not included and will be added to next months totals.

.....				
-2	BECK, ROBERT	OH...NC-88	-3 MOORE, DON	PA.....ROSS2101
-2	BODELL, ROBERT	OR..TR-6002	-1 MOSER, GENE	MI.....?
-4	BROOKS, ALAN	CT..DX-150A	-2 NEBRON, LARRY	CA.....SX-190
-3	BROWN, SCOTT	CA.....?	-1 NEUMANN, SERGE/HOLLAND	.....SPR-4
-1	BUEHLER, LOUIS	MO...SX-100	-2 OLIVER, WAYNE	NH.....DX-150A
-1	BUTTERFIELD, BOB	MA...HQ-100	-*4 PASCHKE, BILL	WI.....SX-190
-2	CALKIN, GREGG	ENGLAND....SW4A	-1 PATTERSON, PAT	GA.....SX-99
-1	CASTELLO, GEORGE	CA..TRI-818	-1 PIERCE, ROBERT	MA.....SAT-210
-3	CLEVELAND, BILL	CA...SPR-4	-2 PASTEK, RICHARD	IL.....HQ-180A
-1	COLLIER, MIKE	NY..HQ-129X	-1 SCHWARTZ, RICHARD	DE.....SX-190
-1	COMPTON, KENNETH	MA..DX-150A	-*5 SHAFTAN, RICHARD	NY.....?
-1	D'ADOLF, STEVE	ND...R-530	-2 SHAW, BILL	PA...XCR-30/SPR-4
-1	DAVIDONIS, LEO	MA.BASF9300	-1 SHINN, VERLIN	CA.....R-530
-2	DAWSON, ARCH	CA...SPR-4	-3 SIGEL, SCOTT	IA.....HA-600
-3	DAY, EDWARD	CA...SX-190	-*1 SMITH, JOSEPH	NY.....SX-190
-4	DE ANGELIS, KEVIN	CA..DX-150B	-2 SMITH, TOM	FL.....HA-600A
-1	DOBOSENSKI, MIKE	MI...SX-190	-2 SMITH, WADE	MA.....SX-190
-*5	DURANT, HENRY/THAILAND	...R-7000	-2 SMITH, WOODY	TN...TR-OCEANIC
-2	EAGEN, TIM	PA...CRAIG	-3 SNYDER, DOUG	CA.....SPR4
-*3	EICHENHORN, SANDY	MI...SPR-4	-2 SRIDHAR	INDIA.....EBS-124
-2	FAY, JOHN	MA...SB-310	-2 STEPHENSON, NORMAN	CA.....SPR-4
-3	FLEMING, TOM	FL..DX-150A	-1 STRAUMANIS, ANDRIS	IL.....SW-717
-2	FLYNN, BILL	CA..HQ-180	-1 TESTA, FRANK	MA.....DX-150
-1	FRENCH, ROBERT	MD.....?	-2 TRUBEE, BILL	HI.....SW4-A
-1	GAEDE, ALLAN	CA...HQ-180	-3 TRZASKUS, ROSEMARY	IL.....S-125
-1	GALVAN, DON	NJ...GR-212	-1 WHITEHEAD, JIM	MA.....SX-190
-2	GECKLE, JOE	MD..DX-150B	-1 WICKETT, ROBERT	MD.....S-120
-*1	GETZEL, ARTHUR	NY..HA-600A	-1 WILSON, TED	CA.....R4B
-1	GIANNINI, ROGER	IL...SPR-4	-1 WISEBERG, MIKE	ONT.....?
-1	GREENALL, DAN	ONT..DX-150B	-*1 WOOD, RICHARD	LA.....SPR-4
-*4	GRIFFITH, DON	CO.....R4B	-1 YARRINGTON, HAROLD	FL.....R-100A
-2	HANDLER, STEVE	IL...SX-190	-1 ZELASKO, LEO	IN.....SPR-4
-3	HENDERSON, DAN	WA/CT..HQ-180A	-2 ZILMER, BOB	WI.....SPR-4
-1	HICKMAN, MEL	WA.....?	.....	
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-3	JONES, JACK	MS.....?	.....	
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-1	KRATTER, JAY	NY...XCR-30	.....	
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-2	LARKIN, JOHN	ENGLAND.....?	.....	
-3	LEISTNER, I & E	CA...SPR-4	.....	
-1	LEWIS, RALPH	IA.....?	.....	
-3	LOVETT, BRANDON	OH..DX-150A	.....	
-2	MAHER, JAMES	NY..DX-150A	.....	
-2	MARSHALL, CEDRIC	ONT...SX-130	.....	
-1	MAYER, ALAN	IL...SB-310	.....	
-1	MEEHAN, JIM	CA...SX-190	.....	
-3	MILLER, AL	OH..HRO-500	.....	
-1	MILLER, GUS	CA..DX-150A	.....	

A special thanks to these first time contributors: Robert Bodell, Brandon Lovett, Leonard Davidonis, Tom Smith, Harold Yarrington, Tom Fleming, Scott Sigel, Kenneth Lance, Ted Wilson, Don Moore, and Ralph Lewis. We hope you will contribute often!

Two new editors begin with January issue. Check A/O & KEYNOTES for info and support these volunteers \* \* \* \*

Criticism will be accepted on February 30th only!..CORRECTIVE criticism is ALWAYS welcome! Share your opinions and ideas w/SPEEDX staff.....

Compiled by: Don Johnson.....

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