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NORTH AMERICAN SHORTWAVE ASSOCIATION

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MARCH 1968 VOLUME 7-#3
NASWA HEADQUARTERS U.S. POST OFFICE BOX 989 ALTOONA, PA. 16603 USA

TO EACH HIS OWN!!

Although our club and our bulletins are expressly devoted to the SWBC phase of radio monitoring, we do not infer it to be the only in the hobby. Many of our members also have interest in other phases, yet have joined us because of our "specialty".

Within the ranks of SWBCers are those with particular interests which they consider to be the best, the more important, the most worthwhile. Some seek nothing but rare DX, some prefer to just SWL in general, others mainly quest QSLs. In cases, certain of these groups do not recognize the other(s). They "look down" on them. This is ungood!

Who is to say which interests are best or more important? Does it not take the all of the combined to make up the hobby? Those who seek QSLs as their main desire should keep amind that there are countless others who share that same, but perhaps have not the means to pursue it worthily. Those who seek out only the rarest DX should understand not all OM have equipment to do the job.

The SWBC phase of the hobby and our bulletins, just as other phases of the hobby as covered in other clubs bulletins, have their more serious followers and reporters. It is these that, for most part, attract others to the club(s) and hobby. Through their support and efforts, they aid in teaching newcomers and, in ways, they also do much to influence future interests of these newcomers. Still, as valuable to clubs and hobby as they are, they err in thinking their ideas/interests are the only or the best. The hobby, in our case SWBCing, is not restricted to one group. It is, as it should be, made up of various groups with assorted interests. Most important is not one in particular, but the all combined. We must learn to let to each his own, and that with the cooperation and understanding of all, each and his own will benefit. Bill Eddings

NEXT MONTH

The April edition of FrenDx will have something new which we are sure all members will appreciate. Too, there will be articles dealing with "What causes interference in SW Transmissions", "A Long look at Transistors", a special article by Al Niblack on advise re receivers, station features on ETLF and Radio Clube Mocamedes, announcement of DX contest for all members, the long awaited/much wanted announcemnt/release of our new/revised awards program, a number of other surprises along with another CL episode. All in all, the April edition is shaping up to be one of our best. Dont miss it! And be a part of it by sending in your reports, etc., early. Your editors appreciate all support.

Have you voted for new NASWA Board of Directors yet? If not, be sure to do so before March 16th. All ballots must be at Hdqs no later if they are to be counted/official!!

FRENDX is the official publication of the North American Shortwave Association and is expressly for the SWL/DXer interested in International Shortwave Broadcasting. There are no subscriptions; Only members in good standing are entitled to receive copies other than samples or exchanges.

Membership in NASWA is \$5.00 per year, 12 editions of Frendx mailed via 3rd class NA, or surface mail abroad. For those desiring more expedient delivery via 1st class NA, an additional \$2.00 fee is required. Airmail rates also available.

This and all editions of Frendx is made possible through the combined interests, efforts and cooperation of the club officers, bulletin staff and supporting members.

CLUB OFFICERS

FRENDX STAFF

ANARC REPS

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Special Contributors (This Month)	Barry Williams, Michael Silverstein, Don Dinkmeyer Jr., Richard E. Wood, David Askin, Robert Hagerman, Jack Perolo, Richard Jenneman, Douglas Benson, Eric Floden/C.M.Stanbury, John Mraz Jr., Brad Goodman, Jan Tuner, Jim Vastenhoud/BDXC

NASWA is a non-profit hobby organization now in its seventh consecutive year of continual operation and is in affiliation with the Association of North American Radio Clubs. Our motto is "Unity and Friendship".

NOTE: Heretofore Hdqs, upon receiving requests for membership, along with fee, but sans application form required to be completed, has honored such memberships with provision an application be completed and returned. However, being there have been a goodly number who are not submitting the application form, we will henceforth not honor any memberships unless/until they do. In future, any requests for NASWA members, en proper fee or not is enclosed, will be returned to sender. Application fom will also be sent. If then proper fee and completed application form is mailed to Hdqs, membership will be granted. We do not accept subscriptions!!!
At present there are 7 memberships being withheld until application forms are rcvd.

NASWA, publisher of FRENDX.....the "SWBC Journal"

AROUND THE CLUBS

VIDXA: Margaret Hinkson advises members that a vacancy now exists for the office of President/Secretary-Treasurer and it must be filled prior to June because of fact she will be vacationing and, upon return will devote her time to furthering vocational attainments.

NRG: John Callarman, proving his club is solidly behind ANARC, announces payment of 10¢ "head-tax" will be paid.

CDXC: Prexy Ralph Irace Jr. seems to have another new address, differing from that given in this column last month, although sent us by him at that time. We are told latest address is 311 W.14th St., Riviera, Florida 33404. Whether or not this is to be permanent, we have not been informed.

ASWLC: Gerry Klinck has resigned as QSL Editor and has dropped membership. Exec. Editor-Stewart MacKenzie now seeking someone to take on the vacated post. New SWR section of "SWL" now done by co-editors Don Billingsley and Bill Flynn is listed by country and works very well in conjunction with NASWA Log Report which is listed by frequency. Don and Bill a good team.

IRCA: Now has new publishing crew under direction of Don Erickson, 6059 Essex St., Riverside, Calif. 92504

CIDXC: President Lorne Jennings, hoping to get better results from his bulletin staff, has alerted all therein that the best section, each month, will be given something. It has not been announced as yet, what the something will be. Only "Messenger" editors are eligible for the something.

CORRECTED ERRORS

Last month we listed new member Scott Moeller as 17 and in Highschool...he corrects us that he is 13 and in Junior High. Too, we gave Don Jensens' age as being 34, when we should have said 32. B.E.

CONTEST COMING!

Next month we will give all details on a DX contest. At same time a new chairman will be named/appointed in charge of this and any/all future contests.

PLEASE NOTE:

Never send Special Delivery mail to Hdqs! Being we have a Post Office Box, it is not delivered any faster than regular mail. It is a waste of 30¢.

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STATISTICS

Here are some facts made up regarding membership in NASWA for the past six months. A total of 158 people joined from Sept. 67 to Feb. 68. 45% or 71 members were 20 or younger, 24% or 38 members were between 20 and 30, 31% or 49 members were over 30. 18 were from New York, 14 from Ohio, Illinois and Penna. each had 12, 10 were from Calif., 6 from New Jersey, also 6 from Texas, 5 from Minnesota, 5 from Mass., 5 from Conn., and 5 from Georgia, 4 from each of Florida and Virginia, 3 each from Kentucky, Indiana, and North Carolina, 2 each from Oklahoma, Oregon and Louisiana, one each from Hawaii, Vermont, Alaska, Colorado, Wisconsin, Mont., Kansas, Maryland, Michigan, Washington, New Hamp., So. Carolina, Alabama, Maine, Iowa, Idaho, and one with no address. Thirteen came from Canada, 7 from overseas (3 from Finland, one each from Sweden, Scotland, England, Holland.) This shows an increase of over 50% for the previous six months, March to August '67 and that members came from 35 states, Canada and 5 countries outside North America. (John Mraz Jr.)

WRTH SLOW

Two months ago Hdqs ordered large supply of 1968 WRTH from Billboard Publications, N.Y. To date (Feb. 26) shipment has not been rcvd. Needless to say we are quite concerned and letter has been sent the publisher. It should also be mentioned that even those DXers who ordered directly from the publisher, have only recently been getting their copies, though release date had been set as mid-December last. No doubt however, there had been problems along the line, due the change-over of publishers. Too, there seems to be various distribution points in different parts of the U.S. (some copies which were ordered from N.Y., came from Ohio.) All in all however, we hope our shipment is received here at Hdqs sooner or later and allow us to get them in mail to those of you who ordered. Meantime pse standby.

AT LONG LAST!

Our new/revised awards program will finally be released next month. All members will receive complete data as part of our April bulletin. We are sure members will find the new (original and unique) award certificates well worth having. They were designed by NASWA's Award Chairman, Bill Graham. So be sure to read all data next month.



WELCOME NEW MEMBERS

(Applications received after
20th of month will be listed
in next months bulletin!)

- VELI-MATTI KUPARINEN, Viisaritie 29, Tavastgerga, Hamevaara, Finland. Age 21, single, college student. Equipment includes Drake 2B, BC-348Q and tape recorder. Antenna is a dipole. Interested in awards, contests, politics, geography, photography. Member of various clubs, section editor of "DX-Kuuntelija" bulletin of Suomen DX-Kuuntelijat ry, Finland's largest DX listeners club, wherefrom first read about NASWA.
- ALBERTO LAVEAGA, Montenegro 831, Guadalupe, Mexico. Age 49, married, chemist. Receiver is Drake SW4. Other gear includes Ameco PCL-P and a tape recorder. Antenna is Mosley SWL-7. Aside from DXing, interested in folklore and classical music. Would like to exchange tapes of folklore music. Read of NASWA in PE Communications Handbook.
- WILLIAM R. THOMAS, 741 Wayne Street, Johnstown, Penna., 15905. Age 51, married, corporate officer. Receiver is a Lafayette HA-700. Antenna is longwire. New to hobby. Other interests include CBing, golf, hunting and fishing. NASWA is first club, read about it in Popular Electronics Communications Handbook.
- RAYMOND MAS, 3 Maple Way, Woodbury, New York 11797. Age 15, single, highschool student. Equipment includes Hammarlund HQ-120A, crystal calibrator, headphones. Antenna is an inverted L. Interested in awards, contests and stamp collecting. New to hobby. First learned of NASWA from Electronics Illustrated magazine.
- ALAN E. SEIP, 340 Southern Blvd., #14, West Palm Beach, Fla., 33405. Age 23, single, an electronics engineer. Receiver is a Knight R-100. Antenna is inverted L. Other gear includes frequency meter and a tape recorder. Interested in QSLs, awards, flying and sport cars. New to hobby. NASWA is first club. Read of it in PE magazine.
- LOUIS RENO, 624 Park Street, Atchison, Kansas 66002. Age 70, married, retired. Receiver is Sears Multi-band portable. Antenna adapted to that used w/TV. New to hobby. Other than SWling, interested in radio-controlled airplanes. Read of NASWA in RTVE.
- PAUL HOWARD, 70 Merrick Street, Rochester, New York 14615. Age 43, married, factory worker. Receiver is Lafayette HA-230. Antenna is inverted L. Interested in QSLs, reading, camping, swimming. New to hobby. NASWA is first club. Read of it in PE magazine.
- JOHN A. BEGGS, Box 192 Bridges House, UNB, Fredericton, N.B., Canada. Age 21, single, college student (modern languages-French/Spanish); Will receive B.A. this spring. Rx is Grundig SBT-200. Antenna is 50' longwire. Interested in awards, contests, QSLs, also golf, curling and hunting. New to hobby. NASWA is first club. Learned of it via friend, member/QSL Report editor, Gregg Calkin.
- KURT OTTENHEIMER, 462 W. Walnut Street, Long Beach, New York 11561. Age 36, married, highschool teacher (Industrial Arts). Receiver is Heathkit GR-64. Antenna is 50' longwire. Aside from SWling/DXing, interested in stamp collecting and summer camp social work. Member of NNRC. Read about NASWA in WRTH.
- PAUL CHAPMAN, 922 Crabtree Lane, Racine, Wisconsin 53406. Age 15, single, highschool student, newsboy. Receiver is a CM-M2870. A vertical and a dipole antenna employed. Interested in awards, contests, QSLs and motorcycles. New to hobby. Member of WNYWLC. Read about NASWA in 1968 Communications Handbook/PE.
- LUIS VALDIVIESO JR., 119-71 178th Street, Jamaica, New York 11434. Age 53, married, railroad clerk. Receiver is Hammarlund HQ-180. Antenna is 33' vertical. Other gear is a tape recorder. Interested in QSLs, awards, contests, photography, coins. Began in hobby while living in Cuba years ago. Read about NASWA in Popular Electronics.
- ANTHONY J. SMITKA, 634 Donnolly Street, Duryea, Penna., 18642. Age 57, single ex-coal miner. Receiver is Knight R-100. Antenna is 50' longwire. New to hobby. Main interest is SWling. NASWA is first club. Read about it in Radio TV Experimenter magazine.

More New Members, next page!

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New Members, cont'd.

DOUG BRAMMER, 7005 Wilty Street, Metairie, Louisiana 70003. Age 16, single, highschool student. Receiver is Knight StarRoamer. Antenna is 75' longwire. New to hobby. New rx planned soon. Interested in awards, contests, model planes. Learned about NASWA from DX PartyLine program via Radio station HCJB, Quito, Ecuador.

TOM BURNETT, 18256 Jovan Street, Reseda, California 91335. Age 15, single, highschool student. Equipment includes Hallicrafters SX-110, Sony "500" tape recorder. Antenna is Mosely SWL-7. Interested in awards, contests, letter-writing (pen pals), bowling and tennis. NASWA is first club. Learned of it via a friend.

ALFRED LISANTI, 921- 72nd Street, Brooklyn, New York 11228. Age 58, married, linotype operator. Gear is Hallicrafters SX-100 and SX-16, also Ameco PCL-P. Antenna, Mosley SW7. Returning to hobby after a ten year sojourn, recently purchased the SX-100. Member of NNRC. Read about NASWA in current edition of Communications Handbook.

TOM J. SLIVA, 612 Columbia Road, Grand Forks, North Dakota 58201. Age 24, single, a college student. Born in Yonkers, N.Y., now living in N.D., attending UND. Receiver is Hallicrafters S-108. Antenna is 60' dipole. Interested in QSLs, awards, contests, and physical geography. Member of NNRC. Learned of NASWA via Radio New York Worldwide.

NORMAN PERDUE, 1505 N.Mire Monte Avenue, Ontario, California 91762. Age 16, single, highschool student. Receiver is Zenith TransOceanic. Other gear is Revere tape recorder. Antenna is a verticle. Interested in QSLs, contests, awards, stamps and basketball. A member of BBCWRC. Read about NASWA in PE Communications Handbook.

FRED BARLEY, Route 2 Box 278, Saint Marys, West Virginia 26170. Age 14, single, high-school student. Receiver is National NC-121. Other equipment includes GE tape recorder. Antenna is 50' longwire. New to hobby. Interested in awards, contests, sports, music. NASWA is first club. Read about it in Poptronics magazine.

RAY J. BACON, 2945 Lobelia Avenue, Baton Rouge, Louisiana 70805. Age 31, single, counter salesman. Rx is Hammarlund HQ-180AC. Antenna is Joystick and Trik-Stik. Been in hobby 14 years but with time out during military service. Interested in contests, QSLs, awards and hunting. NASWA is first club. Read about it in PE magazine.

JAMES DALEY JR., 190 North Mill Road, Atlanta, Georgia 30328. Age 14, single, highschool student. Receiver is a Knight R-55A, plan to add Navy surplus 7CS soon. Antenna is longwire. Interested in awards, contests, QSLs. Member of WNYWRC. Learned about NASWA from SCDXers guide which lists numerous clubs of the world.

WILLIAM VIA, 1870 Marshall Road, Baltimore, Maryland 21222. Age 28, single, college student. Equipment includes Heathkit SB-310, GR-54, Holstrom preselector and Webcor tape recorder. Antenna is a fan-dipole and a longwire. Interested in QSLs, awards, contests, electronics, photography and politics. DX both SWBC and UTE. Member of NNRC. Read about NASWA in Popular Electronics magazine, Hank Bennetts column.

ALAN H. ROTH, 1115 Lindley Street, Bridgeport, Connecticut 06606. "Have been DXing since 1958. Listen mainly to 60 and 90 meters. Have 161 countries logged, 149 verified. Am a travel agent and have visited many stations on trips I have made to Europe, North Africa and South America, West Indies. Member of ASWLC and DSWCI. Joining NASWA on recommendation of friend/member Bill Sparks."

CHRIS KENNEDY, 3504 Farragut Avenue, Kensington, Maryland 20795. Age 19, single, college student. Rx is Heathkit GR-54 and Military surplus BC-342. Antenna is 75' longwire. Interested in QSLs, awards, contests and photography. Studying Aerospace Engineering at Univ. of Maryland. NASWA is first club. Read of it in PE magazine.

STEVEN RUSSELL, 8914 Mohawk Lane, Bethesda, Maryland 20034. Age 20, single, college student. Rx is Hammarlund HQ-145. Antenna is 100' longwire. Interested in awards, contests, stamps, coins, electronics, traveling, r&r music and DXing both BCB/SWBC. Member of NRC and IRCA. Learned about NASWA via WRTH and Hank Holbrook.

G. DAVID TENENBAUM, 3301 Lake Street, Evanston, Illinois 60203. Age 14, single, high-school student. Receiver is Heathkit GR-64. Other gear is Norelco and Revere tape recorders. Antenna is longwire. Interested in awards, contests, tapesponding, drums. NASWA is first club. Learned about it from a friend.

DON HAVEL, 6206 Holiday Blvd., Forest Park, Georgia 30050. Age 44, married, crane operator. Receiver is Hammarlund HQ-140X. Other gear is tape recorder. Antenna is longwire. Interested in QSLs and electronics. Been in hobby, off and on, since 1959. Member of

NASWA-FRENDX

HQ

New Members, Cont'c...

NNRC. Previous member of NASA(NASWA when it was a general club) in 1963-64.. Now rejoins after reading of it in recent edition of RTVE magazine.

JAMES W. ROBINSON, 4507 Shannon Springs Road, Columbia, So. Carolina 29206. Age 29, married, Assoc. College Professor. Receiver is Lafayette HA-700. Antenna 35' Longwire. New to hobby. Interested in QSLs, electronics, photography. Member of BBCWRC. Read about NASWA in Radio-TV Experimenter magazine.

JAMES S. HURST, P.O.Box 213, Vienna, Maryland 21869. Age 26, married, production mgr. Rx is Sears multiband "Wayfarer". Antenna is longwire. Interested in contests, awards, QSLs, journalism, photography, artifacts, Americana. Member of NNRC. New to the hobby. Read about NASWA in Radio-TV Experimenter magazine.

DANIEL MCCULLOUGH, 301 East 69th Street, New York, New York 10021. Age 15, single, a highschool student. Receiver is Knight "StarRoamer". Other gear is external BFO and a KT-195. Antenna is 78' inverted L. Relatively new to hobby. Interested in awards, QSLs, contests, tapesponding (recorder is Lafayette RK-142V) and electronics. Member of various SWBC station clubs. Read of NASWA in WRTH.

(Note; Once again there are others joining, but not included in preceeding list due no application having been submitted as yet. Membership fee's are held until application has been rcvd by Hdqs; Membership is then granted. We do not accept subscriptions!!!!)

RENEWALS: A hearty welcome back to the following who have renewed. Norman Jacobson, Frank Grochowski, Clarke Thacher, Mike Kamp, Lynn Bradley, Tom Walsh, Mike Baker, Dan Jamison, Adelard Beaupre...their second year; H.M.Edwards...2nd and 3rd year; Gordon Schiff, Adelard Beaupre, Bert Adams....their third year; And Larry Marshall....his 4th year. Good to have you aboard again gents. Thanks for your support!

MARCH BIRTHDAYS

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|---------------------|--------------------|-------------------------|
| 1 Paul Donegan | 9 Bruce Klemens | 23 Allen Dixon |
| 2 Stanley Cabral | 10 Joseph Ray | 27 Steve Cohen |
| 2 Joesph Stalinski | ** Dick D'Angelo | 28 Charles Atkins |
| 2 Warren Nordgren | 12 Don Billingsley | 29 Lou Janicek |
| 2 Charles Reisinger | 13 Don Kenney | 29 Melvin Flannagan Jr. |
| 4 William Frank | 15 Charles Orekar | 30 Gerry L. Dexter |
| 4 Donald Cecil | 19 Andy Rugg | 31 Len McWilliams |
| 5 Edward Shaw | 21 George Roberts | 31 James Hurst |
| 7 Daniel Olson | 22 Scott Mceller | **10 Raymond Mas |

Luck, fun and many happy returns of the day to one and all celebrating this month!!!!

MIMEO FUND

We continue to solicit contributions and donations for our new mimeo and an addressing machine. Every little bit will help and may be sent in cash, check, money-order or mint stamp, IRC form. Members helping this month were Henry Slade, Gordon Schiff, Bert Adams, Edward Feith, C.J.Schillmiller. Many thanks! Total to date is now \$198.65

PLEASE!!

When writing to Hdqs or any of the ANARC Reps and/or section editors requesting info/data, report forms or any matter that requires/warrants reply, be good enough to enclose return postage or SASE. Thanks!

RE BOD BALLOTS

It is most pleasing to see so many members act so expediently concerning the election of our new Board of Directors. Although there are still many ballots to be sent in, quite a good representation already have been. So if you have not mailed your ballot yet, do so soon. Remember that 16 March is deadline, those rcvd later will not be counted in final tabulation. While it is still too soon to foresee the outcome, votes so far seem to reflect on the race being between four candidates. However the tide can easily turn. Final result will not be known until March 16. So if you have not done so....VOTE!!!!!!

Exclusive

LOUDENBOOMER REPORT

Exclusive

FOOLS RUSH IN or EXCURSION INTO OBLIVION, Part 2
by Silas P. Farquart

"Well" said Dave, "How would you like to make this trip a REAL adventure?"

We pressed eagerly forward into the gathering twilight and listened to the details of his great and noble message.

"Well", continued Dave, obviously enjoying the attention he was getting. "I just happen to be a friend of a friend of a friend of Thor Heyderdahl, and he'll rent us the Kon-Tiki raft!"

Silence ensued. No one dared break the electric tension. Dave sat with a self-satisfied smile on his face.

At length, Tom agreed this would make the whole thing much more interesting. Not to be outdone, he then announced a secret of his own. It seems he had contacted the folks at Tomcollins Radio Company and told them of our plans for a journey of passion and adventure. Immediately interested, they agreed to let us have a complete ham station.

A few days later the raft arrived and we laid in our supplies. Our dream was about to begin. We bid goodbye to our wives, mothers, sisters, NBC and a few friends, also to our fathers, sweethearts, aunts, uncles, grandparents...and then set sail into the sun.

For days we sailed endlessly onwards, at the mercy of the winds and waves. As we began our third week on the raft, Dave suddenly sighted land. "Land ho!" he shouted. (He always was a stickler for proper procedure.) Excitement swelled within us as we peered ahead.

"What's that strange looking structure on the shore?" asked Tom.

"You fools!" I screamed in a sudden, blind (passionate) rage. "That's the Casino! We are at Catalina!"

So we were. We had been moving more slowly than we thought and had come less than thirty miles. Dampened, but undaunted, we headed past this little-known tropical paradise and continued on our way. Days went by, then weeks, and then months. It would take too long to relate the painful details of the tortures we suffered at the hands of nature. Time grows short and I must not linger.

We lost track of time. We were ragged, hungry savages when that fateful day arrived. I would not hesitate to wager that any one of us would have swapped a VOA QSL for one measly steak dinner.

One morning I awoke early and as I sat reading an outdated morning paper, waiting for the coffee to perk, I noticed Tom peering ahead intently.

"What is it?" I asked, excitement swelling within me.

"Waken the others and come here", demanded Tom

Humbly I did as he bid me and we all joined him. Tom Leaned out over the mahogany rail and pointed. "Look!" he said simply.

"Great scott, can that be it?" asked Perky.

"I took a reading before you got up" said Tom. "It has to be it!"

Slowly, as the morning haze cleared, we could see an unbelievably beautiful island coming to meet us. Palm tree's, exotic birds, white sandy beaches...the works. At long last we were about to set foot on the shores of mysterious Nibi-Nibi.

(To be continued next month when Charlie L will present Part 3, final/ending.)

HELPING HAND SERVICE

Due to an accident, some bad luck and sickness, member Albert Madder, 6 Valmount Ave., West Hill, Ontario, Canada, finds himself with unusable rx. He had been using an old table model and it finally has seen its last day...it simply burned out! No replacement parts can be found, because of the vintage. Too Al's been off work with pneumonia and his XYL has been in hospital...he cant afford new rx time being. He would like someone to possibly lend him a set which he will either pay for (shipping, etc.) or to sell him one, reasonably priced, on prearranged terms.

So if you have an extra rx, not being used, consider helping Al out...get in touch with him as soon as possible. Members in Ontario are particularly requested to respond. Tnx!

NASWA-FRENDX

HDQ

DX*Word Puzzle, cont'd..

- 16. The "U" in USA (as expressed in Paris or Djibouti)
- 17. Home of 33 across
- 19. SWBC Gospel station in Pennsylvania
- 23. Capital city of 36 across
- 24. Spanish or Portuguese "country"
- 27. Its' Sackville voice was almost silenced back in December '67
- 28. It has a relay at Tenerife
- 31. DeutscheWelle puts out 250kw from here
- 34. The "V" in VOA (as would be spoken in Papeete or Paris)
- 35. R.Australia is its overseas service
- 37. S.Arabian Broadcasting System xmits from this area
- 38. Bush House,WC2 is its address

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ANARC REPORT

The following notes are taken from the current Newsletter as received from ANARC Hdqs. Voting on the taxation proposal shows IRCA, NASWA and NRC supporting; NESWLC and WTVFMDXA against proposal, but supporting; ASWLC, CDXC, CIDXC, FDXC and NNRC against proposal and not supporting; WIDXA expressing no opinion. Voting on Omaha, Nebraska as the 1968 ANARC convention site, there were nine in favor and seven opposed. Omaha therefore will be the site with Ernest J. Wesolowski as host with tentative dates set for August 16-18. (Further info and data hereto will be given in upcoming ANARC Reports.)

Votes re ANARC Operational Guidelines showed proposal passing by a fifteen to two margin. Additions to the Guidelines will be voted on. The proposal for an ANARC Fund Raising Committee passed by vote of sixteen to one. The committee now needs to be organized and a chairman appointed. In connection with the money question, IRCA Rep., Gray Scrimgeour asks, "Will ANARC become an organization like ARRL, with paid staff to look after the administration and the benefits to DXers eventually? Or will it continue to be a share-the-load operation with the DXing Reps and volunteers doing all the work? Or hit a middle ground?" (We would think it most unlikely that ANARC can ever be for DXers as ARRL is for ARO's in that latter have one thing in common whereas the interests of DXers are diversified...BCB, SWBC, FM, TV, HamBand, Ute, etc. Your Reps would like to have your thoughts on this question/matter.) This month, ANARC Reps are voting on proposal re having a "Man of the Year" award. If approved, the award would be given each year at the annual ANARC convention, to a truly outstanding individual.

The FRC Committee reports, in general, stations continue to appreciate and observe suggestions for improved frequencies on NA SWBC transmissions. The QSL Committee reports new success with certain stations, both BCB and also SWBC. Chairman Richard E. Wood continues to seek help to work with English speaking stations. (You may write him at: Dept. of European Languages, Univ. of Hawaii, Honolulu, Hawaii 96822.)

NASWA Rep., Frank Peters forwards suggestion from member Barry Deal that ANARC consider the taking of a DX Census to determine how many DXers there are in NA in addition to facts about equipment in use, favorite stations, etc. Barry believes that it is important some figures be available as to the strength of the DXing hobby. (While we agree such statistics are important, we doubt there could be any factual obtained, except via clubs. This would not include the literally thousands throughout the world who DX, not realizing/considering it a hobby, nor that there are clubs connected.)

Above was taken, in the main, from current ANARC Newsletter. Comments in parenthesis added by your reporter/Hdqs this month, due absence of regular reporter who will return next month. Your thoughts, opinions, suggestions are solicited/invited to be sent to:

Doug Benson (East Coast)	Frank Peters (Central)	Art Glover (West Coast)
P.O.Box 131	820 West 34th Street	2318 So. Laurel Street
Laconia, New Hamp. 03246	Chicago, Illinois 60608	Port Angeles, Wash. 98362

It is not too early to begin planning attendance to 1968 ANARC Convention which will be held in Omaha, Nebraska on August 16th through 18th. Watch for more info/data in the upcoming ANARC Reports contained in Friendx. Strengthen ANARC by supporting NASWA!



SHORTWAVE BROADCAST CENTER



DONALD N. JENSEN, EDITOR
5204 70th STREET
KENOSHA, WISCONSIN 53140

HALF THE BATTLE

It is said that recognizing a problem is half the battle of overcoming it. Finally, the authorities of Radio Denmark seem to have publicly recognized that their shortwave service has been slipping badly.

In the current issue of the station's quarterly publication, the editor states that their single 50 kw. transmitter is "obviously inadequate to meet the demands of shortwave broadcasting today." He notes further, "against our will we have become a 'collector's piece.'"

Now 19 years old, the Danish shortwave service began officially in October 1948, with its lone 50 kw. transmitter. Actually, plans for the station were drawn up in 1939, but the war intervened. Prior to that a semi-experimental 5 kw. transmitter operated on three different meter bands since September 1937.

In the early and mid-'50's, Radio Denmark's English language programs were well received and were among the most popular with North American listeners. Some of us can recall with pleasure the "Saturday Night Club" with Marianne Linnard, a San Francisco native of Danish ancestry, at the microphone. Those days are now gone, however.

The SWBC power struggle has left Denmark's 50 kw. station far behind. We gather that the Danish government hasn't had enough interest in updating its facilities, despite official intentions to reach Danes abroad and their merchant seamen. Also shortsighted is the policy of the station in refusing to move off its terrible 31 meter frequency.

Now we hear that Denmark is to replace the 50 kw. station with several 100 kw. transmitters. It's about time. We hope the statement in the Danish publication that they hope "before very long to take our rightful place in the air" is soon realized.

NASWA'S DREAM SHACK

Last month we started a new series, NASWA's Dream Shack. In the course of the next few months, we'll be presenting your ideas about what equipment should go into this imaginary shack, assuming that cost was no object.

Thus far, because of the time factor and the deadline for this month's bulletin, few responses have been received. So, how about it, what would you stock the Dream Shack with in the way of equipment. Let us have your suggestions, and if possible, a description of the unique features of your choices and their costs. You can include receivers, antenna systems, recorders, typewriters and any sort of auxiliary gear. Later, based on your suggestions, we will select and publish a full list of equipment in the imaginary NASWA Dream Shack.

One entry this month comes from Bill Burge, who suggests several items for the shack. They include a speaker system for the receiver; the Heathkit AS-15 four-speaker unit, and an AS-21W speaker. The former, Bill says, is priced at \$134.95, and the latter at \$239.95. He also favors a Roberts reel stereo tape recorder, priced at \$699.95.

Ok, that's a start. But for our Dream Shack purpose, perhaps Bill is setting his sights a little low. Send your suggestions to SWBC Center, 5204 70th St., Kenosha, Wis.

EUROPEAN SHORTWAVE STATIONS

R A D I O N E D E R L A N D

The Dutch World Broadcasting System, Radio Nederland was organized as an independent radio system by the Dutch government on April 15, 1947. The stated purpose of Radio Nederland was to carry the voice of the Netherlands around the world on shortwave. This decision was the culmination of some twenty-odd years of experimentation on the shortwaves by private Dutch firms.

At the end of the 1920's, Holland became one of the first European countries experimenting on shortwave with the Dutch-Phillips, Inc. experimental station PCJ, at Huizen, North Holland. The company had such success with the original test transmissions that they began to look for a man to develop programs for different parts of the world. Edward Startz was that man.

Eddie Startz was a shortwave broadcasting pioneer in the true sense of the word. He knows Europe intimately, speaks half a dozen languages fluently, and now has developed one of the longest running weekly shows in radio as a result of his job at PCJ. His "Happy Station" program began 38 years ago at PCJ as a result of listener reaction to his original test transmissions. In no time at all the enthusiastic Mr. Startz was making friends all over the world with his "Happy Station." He is still spreading his infectious enthusiasm 38 years later on Radio Nederland every Sunday.

Today the "Happy Station" is only a small part of an enormous shortwave broadcasting organization, Radio Nederland. Presently, this giant among stations broadcasts from six (10 to 100 kw.) transmitters spliced to 20 curtain and rhombic antennas located at Lopik, Holland. Each day these transmitters are used for relaying programs in three languages to North America, Latin America and the Caribbean.

Radio Nederland operates on frequencies between 5,900 and 27,000 kc/s. Financing is derived from a yearly fee of \$5 per radio set in the country. This is collected and then divided proportionally among the various Dutch broadcasting organizations by a central government organization. The current staff of Radio Nederland is almost 260, with many freelance correspondents around the world adding to this total.

By writing to Post Office Box 222, Hilversum, Holland, the SWL has access to a variety of useful services. These include a series of 11 booklets, with subjects ranging from selectivity improvement to aerial construction. Radio Nederland also publishes an interesting program schedule and monthly propagation and sunspot predictions with the forecasts for the best reception times for each meter band. All of these are free for the asking. Each week on Radio Nederland there is a half hour "DX Juke Box," which includes a mailbag and reports from top listeners around the world. This portion of the program is conducted by Glenn Hauser, NASWA member.

Two of the better known aspects of Radio Nederland are their Dutch by Radio course and their transcription service. The popular language course was organized by Harry van Gelder, and has proven to be of interest to many people. Since the first course began in January 1963, the lessons have reached 15,000 people in 80 countries. The transcription service sends 50,000 programs each year in 38 languages to 120 countries. The United States is a major importer of these programs. Entertainment, music, talks, etc., comprise the majority of these programs which have won merit awards for their excellence.

Even with the numerous services now available to many people around the world from Radio Nederland, there are more plans for the future. The station has started a new QSL card series on aspects of their shortwave broadcasting activities. The first was a card picturing the rotatable antenna of forerunner station PCJ (Ed. Note: Incidentally, many years ago, the station also issued a card showing this unique rotatable antenna) and the present day transmitting setup at Lopik.

Radio Nederland is also planning powerful relay transmitters at Bonaire in the Netherlands Antilles for their western hemisphere broadcasts. These will replace the services of TWR, Bonaire, which presently are being leased by Radio Nederland.

RADIO NEDERLAND BONAIRE STATION EXPANDING

A party was recently held on the island of Bonaire, Netherlands Antilles, to celebrate the completion of the first antenna mast, 82 meters high, erected by Radio Nederland.

Thus, the Dutch World Broadcasting System, an independent foundation, is well on the way to becoming independent of the technical facilities of Trans World Radio, a few miles away on the same island.

The Radio Nederland relay base is located on a square kilometer of land on the tourist coast road near Barcadera, Bonaire, and all vegetation, thick cactus undergrowth, has been cleared over an area of 12 hectares. Foundations of cement and coral blocks, to a total of 15 thousand cubic meters, have been laid to anchor the antenna masts. There eventually will be 17 towers.

The Bonaire Building and Cement Co. has contracted to lay the cement foundations and coral blocks and finally erect the buildings for permanent use by the station's staff. The representatives of the station who are supervising the building work are E. van Eldik, head of technical services, and A. Vlaskamp, head of mechanical services. There is also a German engineer from the Brown Boveri Co., who, with three assistants, will have the remaining 16 antennas erected shortly (Ed. Note: According to the schedule, they may now be up).

FREE SPEECH FLOODS AIR ON DUTCH RADIO

For the majority of Dutch listeners who want music, a new look in domestic programming is infuriating.

Now fewer than 34 groups, ranging from the Communist party to the Free Masons are allowed to broadcast their views once every two weeks. Any organization in the Netherlands with more than 1,000 members qualifies for the free air-time.

What makes the Dutch listeners angry is that the talks often get priority over popular radio shows. A regular pattern for radio listening has become a thing of the past.

The trouble stems from the present government winning power on a program advocating freer broadcasting. Most Dutch thought this meant commercial radio in the

Present at the party to toast the new antenna were 50 workers, Antillians, Surinamese, Dutchmen and Germans, plus invited guests. Mr. van Eldik made the inaugural address, standing under the antenna, and spoke of Radio Nederland's plans for the station. The aim is to achieve optimum reception in North America, Central and South America, New Zealand, Australia and a large area of Africa. The two transmitters being built will be the largest of their kind, rated at 300 kw. each. They are now being constructed by the Philips Co. in Holland. Transmissions will be on shortwave only, in the 11 to 49 meter bands. The aim is to present the image of Holland, in Dutch, English, Spanish and French, and to maintain contact with Dutchmen abroad. The transmitters will be on the air 15 and 14 hours a day, respectively. One of the main problems to be faced by the Bonaire staff will be obtaining good relay quality from the Lopik transmitter in Holland during this time segment.

Schedule changes will include later broadcast times for the Australian and New Zealand beams and the division of the North America service into East Coast and West Coast transmissions. New programs and frequencies will be introduced.

While improving its service to the Americas and the Pacific, Radio Nederland has not forgotten its listening friends in Indonesia, South Asia and Africa. Holland was once a leader in broadcasting to this area, with the early services from Indonesia. And it intends to regain this position, by building a relay, at present known only as Station "X", which may very possibly be located on an island off the east coast of Africa.

...De RNW Monitor, translated and adapted by Richard Wood

the American style. Instead, the new programs are drearier than before.

Therefore, more and more listeners are tuning to the illegal commercial pirate station, Radio Veronica, anchored off the Dutch coast.

COUNTRY LIST CHANGES

The following changes should be made in the NASWA Country List. Note that these are merely additions to certain country names and will not affect your scoreboard totals, in keeping with the basic policy of the list.

1. Aden (South Arabian Federation) should now read....
1. Aden (South Arabian Federation)(Rep. of South Yemen)
76. French Somaliland should now read....
76. French Somaliland (Afar & Issa)

For future reference, there is now a possibility that the declaration of independence of Biafra may stick. The regulations covering changes in the NASWA country list provide, "No new country will be added to the list until one year after its creation, or upon United States diplomatic recognition, whichever is earlier." Sometime in May, if the present status is maintained, Biafra will be a year old. At such time it will no doubt be added to the NASWA country listing. You may wish to keep this in mind as you do your listening in the months ahead.

On another related subject, the Pacific territory of the Mariana Islands is not included in the list because in the opinion of the compilers of the list there has been no shortwave broadcast service from these islands, which include Guam, since September 1, 1945. There have, of course, been utility services in operation from Guam, but these fall outside the scope of Frendx's coverage.

Now it has been pointed out that in 1946, during the atomic tests at Bikini Atoll, a U.S. Navy station, KU5Q operated from Guam with six shortwave transmitters. One of our members has a QSL from this station dated March 1946. The printed card states, "KU5Q broadcast and relayed news reports from the Pacific Ocean battle-areas and the Far East, and in 1946 relayed reports of the atomic bomb tests..." This raises the question; Was KU5Q, at some time since 1945, an actual shortwave broadcast station, or, as we had supposed earlier, one of a number of utility services that have transmitted from Guam over the years. Can any of our old timers help? If KU5Q actually operated as a broadcast station at times, apparently the Mariana Islands will have to be added to the NASWA country list. At the moment, the problem is still being studied with no decision reached as yet.

It should be pointed out, however, that should it become necessary to add the Marianas to the list, very few persons (only those actually hearing KU5Q as a broadcast operation) would benefit and be able to add a new country. All recent transmissions from Guam are clearly utility services and could not be counted.

* * * * *

RADIO BATTERY ELIMINATORS MAY BE DANGEROUS!

A Wisconsin official has warned that possible electrification can result from the use of three kinds of battery eliminators for transistor radios.

Oshkosh city electrical inspector Roland Felix said the devices allow the radios to use standard house current or can serve to charge 9-volt radio batteries. He said depending on how the eliminator was plugged into an electric outlet, exposed parts would become "live" with 110 volts. He added that if anyone grounded themselves by touching a radiator or water pipe, while touching one of the eliminator's metal pipes, he could be electrified.

Felix said three Japanese made brands, "Valiant," "Universal," and "Glo-Imp" were found to be unsafe.

...Via Richard Jennerman

DUTCH ADVERTISING

Commercial advertising will begin on the Dutch state radio network next year. On the home service one minute commercials 26 a day will be broadcast before and after news.

ANOTHER VIEW OF RECORDS KEEPING

Some months ago we presented an article on one DXer's record keeping system. But there are probably as many ways of maintaining records as there are DXers. Here is the method used by another NASWA member, David Askine.

He uses two different sets of materials for SWL records. The primary item is the log, although its only permanent use is to compile the monthly log report which is sent to NASWA. The permanent record goes into a loose-leaf binder, which is divided alphabetically by countries, then subdivided by station organization name.

Each page is organized with the name of the country typed or handprinted in the upper right hand corner. In the upper left corner is the name and address of the broadcasting organization - the mailing address to which reception reports are sent. Then follows exact quotations from the log book, by date, time, including all technical data, such as frequency, call sign, if used, SINPO report and program details.

As a station is heard, the information is first entered into the log book. As soon as an ID is made, the appropriate page is found in the binder. If it is a new station, a new page is made at this time and information is then entered there. Information, therefore, is in duplicate, in the log and in the binder.

Logging information is entered in black ink in the binder. When the time comes for reception reports, the information is transferred from the binder page and a notation is made in red ink, giving the date the report was mailed. When a QSL arrives in the mail, the notation "QSL" is made in red ink, with the date, whether card or letter, and the mail mode, together with the elapsed time it took to receive the verification.

With this system, he says, all the information need for a reception report and a monthly report to French, is at his fingertips and easy to retrieve.

* * * * *

REDS ERECT HIGH EAST BERLIN TOWER

As a prestige project, the Communist government in East Berlin is erecting a broadcast tower which will have a panoramic restaurant at the 800-ft. level, overlooking West Berlin. The tower itself is to be 1,170 feet high and will send out both radio and television signals. It is due to be all the way up in 1969, but the whole project is not due for completion until 1971.

With its reinforced steel and concrete foundation sunk deep into sandy, swampy Berlin soil, the tower represents a considerable engineering feat. It will be second in Europe only to Moscow's newly completed 1,761 foot tower. The Eiffel Tower stretches 1,056 feet to the top of its television antennas.

The first tower ever built in Berlin was erected in 1924-26 and now stands about 450 feet high in what became West Berlin after the war. West Berlin also has a 750 foot tower built after the war for communications with West Germany.

A projected 1,120 foot tower for the West German ministry that handles broadcast signals, will be located in an outlying section of West Berlin and thus will not be much of a direct visual challenge to the midtown East Berlin needle. Work on this tower is to begin this year.

The East Berlin tower fits into a communist drive to make their downtown half the city into a showcase of modern construction. Building is going on all around the tower, with emphasis on apartment units, main-access roads and public structures. New construction is dispersed among such painstakingly restored buildings as the National Art Gallery and the opera house. The tower seems to back the regime's expressed confidence that it has weathered adverse world opinion about the wall built in 1961 to divide Berlin.

CLANDESTINE CORNEROF SHIPS AND SHOES AND SEALING WAX

This month we have a few unrelated clandestine matters to deal with.

*** According to NASWA member C.M. Stanbury II, who credits Eric Floden of IRCA for the data, until very recently a quasi-legal broadcasting station operated at Pond Inlet, Northwest Territories, Canada.

The station was called "Inuit Neepingit," or in English, variously, "The Voice of the Arctic," or "The Voice of the Eskimo." It transmitted, likely with amateur radio gear, with 100 watts on 3,750 kc/s. Using a center-fed dipole, it transmitted four hours a day, 0000-0400 GMT, with three hours in Eskimo and an hour of English. The de facto service sometimes taped and rebroadcast the CBC's transmissions to the Arctic. The latest word received by Stanbury is that this service is now off the air.

The station's manager was Joop Sanders, who was interested in receiving reports, which were to be addressed to him at P.O. Box 1, Pond Inlet, NWT. At the moment it is not clear whether the station will return to the air later.

Also not known is the status of other impromptu Eskimo services which reportedly operated from Cape Dorset, Clyde River and Pangnirtung. Together with the Pond Inlet station, these reportedly came on the air in mid or late November.

*** The current issue of the Communications Handbook 1968 states, regarding the Basque clandestine station Radio Euzkadi, that it is "probably in Spain." On the face of things this would be most unlikely, considering the regularity of its anti-Franco broadcasts and the efficiency of the Spanish authorities in suppressing activities considered by them to be subversive. A European listener, in another publication, states his belief that Radio Euzkadi broadcasts from Andorra. As mentioned previously in Frendx, direction finding experiments from both North America and Europe, in which we have much faith, clearly point to a western hemisphere location for the transmitters, and suggest the northern coast of South America as the specific site.

*** In the December Frendx, we commented on a supposition by C.M. Stanbury II that the Voice of America's air-transportable station, which has operated on MW from Marathon, Fla., in recent years, was sent to Botswana for use as the BBC's relay station there. We said that a recent visit to the the Florida station by an NRC club member proved that the portable station of the VOA is still there. Photos taken establish this to be a fact, and Stanbury admits this to be true.

Stanbury adds, however, "...on one point there can be no dispute. The two-masted portable antenna (at Marathon) has been replaced with three permanent towers." Based on his information, it appears, in fact, that sometime between November 1962, when the portable in Florida went on the air, and early 1963, there was a change from a two to a three antenna tower system. Stanbury also has information that the Botswana station was put on the air "with the aid of U.S. government-owned gear."

We are in no position now to dispute this latter point. But even if U.S. equipment does or did comprise part of the BBC's Botswana station, there is nothing to point to a conclusion that the two towers removed from Marathon were sent to Africa. The two-tower system originally at Marathon was removed apparently long before the Rhodesian incidents were even dreamed of. The most logical conclusion for the removal of the two-tower system is that it was not as directional as the three-tower replacement. Perhaps the original antenna system no longer exists; perhaps it does. If so it could be in use, or in storage, almost anywhere in the world.

With that, we trust that this discussion, clearly something of a tempest in a teapot, is ended. We don't know where the VOA's original Marathon antennas are now, but does it really matter very much? The heart of the Marathon portable system, the special trailer enclosures, the transmitters, the relay receiving gear, portable power generator, etc. is still in Florida.

The ORTF operates many stations around the world, with 36 stations in France and nine stations overseas in former or present French territories.

One of these stations is Radio Cayenne, in French Guiana, and it is dependent upon the main office of the ORTF in Paris.

<p>French Guiana, or Guyane, of the year, so much so, that developed the dense forests only one-forty-sixth the size It is bounded on the north by and south by Brazil, and on between French Guiana and Serra de Tumuc-humoc Mountains. Nearly one-quarter of the population lives in the capital city, Cayenne. Most of the populations' ancestors are aboriginal Indian tribes, although French blood is also present.</p>	<p>* * * * *</p> <p>R A D I O</p> <p>C A Y E N N E</p> <p>* * * * *</p>	<p>has a hot and humid climate most white men have never entered or there. Guyane is a small country, of the Continental United States. the Atlantic Ocean, on the east the west by Surinam. The boundary Brazil on the south is the</p>
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French Guiana was first settled by France in 1664. In 1854, Napoleon used the area as a prison for French criminals. It remained a penal colony until 1946, when the prison at Devil's Island was destroyed. Main products are Cayenne pepper, gold, cocoa, bananas, etc.

Radio Cayenne transmits on both short and medium wave, using 4 kilowatt transmitters Programs are all in French, consisting mainly of popular music and talk. Broadcasting hours are 0915-1100 GMT on 1070 and 3,385 kc/s.; 1500-1730 GMT on 1070 and 6,070 kc/s.; and 2030-0100 (Saturdays 0200) on 1070 and 3,385 kc/s. News is aired at 1030, 1630 and 2230. They also operate a television station on channel 4, from 2200 to 0100.

The station identifies as "Ici Cayenne, Office Radiodiffusion Television Francaise," with an interval signal played on a guitar. Naturally, the station signs on with "La Marseillaise."

As for verification, your report should be a good one and should be written in French if you want a reply. Recordings are accepted. The address for all reports is Radio Cayenne, ORTF, Boite Postale 336, Cayenne, French Guiana. It takes anywhere from ten days to six months to get a reply. The verification is by a personal letter or mimeo form.

...Bob Hagerman

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THE DX'ERS GARDEN OF NURSERY RHYMES

BY DOUG BENSON

CBC was falling down, falling down, falling down,
No money left to beam outa town,
My fair lis'ner.

Little Jack Horner sat in a corner, tuning for Cairo one day...
He picked up Lisboa. Said "Whaddayaknow!"
"This Cairo sounds like Portugay!"

Hey diddle diddle
The oldtimers fiddle
With skeds and charts and such...
The novices laff to see such sport
And go back to swapping their cards.

Jack and Jill
They weighed the bill
To get their club out of the red....
Jack fell down
And just left town
While Jill said, "The club was to much doggone work anyway."

LATIN AMERICAN VERIES: PERSONAL STATISTICS

By Giacomo "Jack" Perolo
Sao Paulo, Brazil

It is a common complaint that most Latin American stations have poor verification policies. How poor are they? When they finally send a communication, is that likely to be an actual verification? These and other questions often were posed by DXers the author met in the United States not long ago.

The statistics in this article are taken from the author's files and cover the years 1963-67. All my reports to Latin American stations are typed out on 9 by 13, not 8½ by 11 inch, personalized printed form, written in Spanish (or in the case of other countries, the appropriate language spoken there). SINPO code is used throughout. The time reported is always the local time of the station's location, with great pains taken to follow the seasonal variations of time (savings time) that occur in most countries of the hemisphere.

The report covers a time period long enough to yield details of reception to fill the printed form. This may vary from 15 minutes to a couple of hours, depending on how well the station is being received. All reports are of the word-by-word type, copying verbatim as many full sentences from a transmission as possible. Mint stamps are used whenever possible; IRC's are never used, as they aren't too popular in the interiors of some countries.

More than 75% of the first follow-ups are sent by registered mail to minimize losses and build up psychological pressure upon the station if subsequent communications are needed to get a reply. Follow-ups are mailed every four to six months as a rule. I try as often as possible to prepare a new report, rather than copying the old one. Furthermore, there is a sort of general follow-up season here, which falls around January, when old reports are filed away and a new records folder is started. On these occasions, all stations not yet verified get a follow-up.

TABLE I

Percentage of Vfd. stations verifying after first report	After 2nd Rpt.	After 3rd Rpt.	After 4th Rpt.	After 5th Rpt.	After 6th Rpt.	After 7th Rpt.	After 8th Rpt.	After 9th Rpt.	After 10th Rpt.
22% (58)	33%(86)	19%(50)	12%(32)	6%(17)	4%(11)	3%(7)	1%(3)	0	0

Figures in parentheses indicate actual numbers of stations verified. Total Latin American stations verified in 1963-67 period = 264; Reported but not verified = 161.

It can be seen that the author has reported 425 different LA stations (264+161). Since many stations did not reply to earlier reports, many of these stations were first heard in years prior to 1963 and some of those noted above refer, therefore, to follow ups, rather than to new reports. If one assumes about 550 different LA stations currently on the air, the 425 covered in this report, representing better than 75% of the broadcasters in Latin America, can be assumed to represent a representative group upon which to base the conclusions.

The overall response from LA stations is 62.1% (264 of 425). Looking at it from another angle, it takes an average of better than five reports (5.2) to a LA station in order to get a reply. Though no one can actually tell in advance, Table I suggests that the stations that verify will do so within the first five reports. After that chances of a reply are very slim; only about 8% of those verifying did so after five reports.

Of the 161 stations which have not replied, 21 have resisted a single report, 36 have failed to respond to two reports, 28 have not replied to three reports, 19 have ignored four reports, and so on. One station has failed to reply (Continued next page)

LATIN AMERICAN STATISTICS (Continued)

after more than 12 reports and follow-ups.

Now it is time to study Table II, which tabulates the 264 replies received.

TABLE II

True verifications	163	62%
Vague or incomplete	87	33%
Unacceptalbe	14	5%

Purists should note that out of those 264 stations replying after so much effort, only 163, or 62%, are bona-fide, solid veries.

Another 33%, or 87 "verifications" is a hazy, mix-up of writings, radiated power data, schedules, advertising rates, pictures of wild Indians (such as sent by Radio Zaracay, Ecuador and Radio Escuelas Radiofonicas, Ecuador), pennants, cards, calendars, maps, stamps, visiting cards, office paper letterheads, greeting cards, paper clippings, club ID cards, tourist leaflets, colored ribbons, hotel rates, local magazines, and, occasionally, records and small souvenirs.

The last 5% is just useless and ranges from Radio Junin's four pennants without a single word sent along, to the "thank you for your report" jobs.

It is remarkable the blame heaped on the mail services in Latin America. It seems to be the scapegoat for everything. Of the 264 stations that replied, 91 (34%) felt it necessary to explain that "no previous reports were ever received from you." Some hint at poor mail service as the excuse; others gloss over the matter quickly. Very seldom is this excuse actually justified as the mail services aren't that bad after all.

To justify this conclusion, the author can state that while living in the U.S. for a time, an exchange of correspondence took place with a friend in Brazil. In that period, 119 letters were sent from Milwaukee to Sao Paulo, 115 in the reverse direction. All letters were numbered in order to keep track of them. Only one letter from Brazil to the U.S. went astray. Six from the U.S. to Brazil were lost and were never delivered. One went to Honduras by mistake and was finally delivered with the San Pedro Sula post mark on it. For better appreciation, remember that the addresses were always typed and that post office boxes were used at each end.

This points up the fact that great pains should always be taken to allow ample space for stamps and leave the address well in the clear. The post office marks often smear badly and may occasionally mask the address. In one case the post office box number was totally illegible. They must have used x-rays or a fortune teller to find out what box to deliver it to. In another case, a good soul who mailed the letter put a large stamp right over the post office box number.

In summary, it appears that Latin American DXing is far from being completely rewarding, verification-wise. Considering, however, that seeking veries is an integral part of the hobby, with time and patience it is always possible to bring home some of the rare ones.

A case in point for the author is Radio Juliaca, Peru, which has been heard, variously, on 5,780; 5,785; 5,760; 4,862; and 5,082 kc/s. for years. They've never answered, but report number 14 went out only recently.

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POP MUSIC PLAYED BY VATICAN RADIO - The swinging beat of pop music was on the air from Vatican Radio Jan. 27 for the first time in its 37-year history. The program, entitled "Tell Me What You Sing," was presented, according to producers, "to bring to light various spiritual values of our times." Selections included American folk singer Bob Dylan with "Blowing in the Wind."

...Philadelphia Inquirer and Reuters,
via John Mraz Jr.

LIETUVOS RADIJAS TELEVIZIJALITHUANIAN RADIO TELEVISION

By Michael Silverstein

Shortwave broadcasts from the Soviet Union now come from many Russian cities. Major stations are located in Moscow, Kiev, Tashkent and Vilnius, among others. The first Russian shortwave transmissions heard outside of Europe and Asia were monitored in the mid-1920's. These transmissions came from the Shabolovka studios in Moscow in 1922.

One year after the first report of reception of the Moscow station in the western hemisphere, that is, on June 12, 1926, regular broadcasting programs were sent from a station in Lithuania. The station used a weak transmitter and served the capital city, Vilnius. At that early stage, some of the lucky owners of radios also reported that the broadcasts were being heard in another Lithuanian city, Kaunas. For the first time, thousands of Lithuanians were linked to the rest of their country by radio.

Although the wireless sets of the early Thirties were very expensive in Europe, the Lithuanian Home Service audience grew slowly, but steadily.

In early 1940, the Second World War had already begun and the Germans were in Poland, one step closer to Lithuania. However, instead of the German threat, it was the Soviet Union which the Baltic States, including Lithuania, should have worried about.

In July of 1940, the USSR occupied and then "incorporated" Lithuania and the other Baltic states, into their territory. This brought about a radical change in the programming of "LRT." Among those who broadcast over the station were pro-communist workers and officials, the former underground activists, and veterans of the revolutionary movement. One of the first, and important, announcements which was transmitted over "LRT" was the first decree on land reform and nationalization of Lithuanian industry, all as a result of the communist take-over.

With the German attack on the USSR, the newly named Lithuanian Sound Broadcasting Authority was silenced from Vilnius. Instead, the authority started broadcasting operations from special facilities in Moscow. The programs were of major import-

ance to those who were fighting the Germans; it was sort of an underground station far outside of the area.

After Vilnius had been liberated from the Germans, radio transmissions resumed from the ancient capital. Through them, Vilnius Radio joined in the post-war reconstruction and launched widescale propaganda, ideological, and cultural activities. For the next ten years, there were no major improvements except for power increases on domestic service transmitters. Then, in 1956, the Second Radio Vilnius program was initiated, in which programs were broadcast for Lithuanians living abroad. An English service followed later.

In May of 1957, the Lithuanian SSR had its first television network, which was linked to Moscow's Central TV Studios in 1958. The Lithuanian Sound and Television Authority is a member of the International Broadcasting Organization. This group promotes an exchange of views and information with the radio and TV stations of other countries.

For the English language service, I believe that Radio Vilnius uses the facilities of Radio Moscow, since it is evident that the station signs on just as Radio Moscow signs off, on the same frequencies.

The future of Lithuania's radio and television programming seems quite promising. Provisions were made in 1965 for a four year expansion program, including allocations for shortwave improvements.

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BBC BOTSWANA

According to a press account in the Jan. 29 edition of the Philadelphia Inquirer, the British relay station in Botswana "will close after 26 months. It has failed to pierce Rhodesia's strict censorship."

These stories have cropped up from time to time and have yet proved to be factual. The news story is datelined Johannesburg, but neither the news agency originating it, nor the source of the data itself is identified.

...via John Mraz Jr.

THE VOICE OF AMERICA STATION IN HONOLULU

According to the manager at the Voice of America in Hawaii, the station is at present inactive, transmitting only for maintenance purposes. The VOA-Honolulu station consists of two General Electric transmitters, each capable of handling 100 kilowatts. The antennas used are rhombics, and are beamed to the Far East.

The station was put on the inactive list about a year ago, with no reason from Washington. But the station is on the air on Mondays, Tuesdays, Thursdays and Fridays, with test tones and station identifications. The operating frequency, an unlisted one, is 15,130 kc/s. VOA Honolulu will definitely be on the air for one hour on the above days, but the times may vary from 1900 hours to 2100 hours GMT. The station does not operate at any times on Wednesdays, Saturdays, and Sundays, and holidays. The test transmission consists of a station ID every 15 minutes and a test tone between ID's. All reports should be sent to Washington.

Whether the station will be put into full use, continue its present operation or be put off the air is not known. The VOA headquarters in Washington has given no indication of the future of the station.

...Richard Wood

SALLAH'S RIVAL

I got a kick out of reading "The Radio War in the Mideast." It reminded me of a girl singer heard on the Cairo and Beirut stations. She sings like Sallah and has a sexy voice.

I tried to get a picture of her from Cairo, but they suggested I write the Lebanese station, which plays more of her records. Her name is Fagrouze and she's Lebanese. A while ago, an announcer at CHIN, Toronto played one of her records, and from his description of the album cover she must be quite a girl! I wonder if the two girls know each other?

...Léo Poirier

HOW SWEET IS IS

When All India Radio permitted ads for the first time last November, the first product plugged was an artificial sweetener.

ASKING FOR TROUBLE

Of late there has been an increase in the number of police and fire band receivers available to the consumer, in many models ranging from a \$19.95 portable and a \$17 shirt-pocket set, to the ever-present crystal controlled, duo-band models in the \$200 range.

Recently, this writer encountered difficulty while using one of the former units, a 30-50 mc/s. battery-powered police monitor. The unit, while sorely lacking in selectivity and sensitivity, proved adequate for local calls in our news duties, and for a number of weeks was an accessory we rarely left the house without. A few weeks ago we had occasion to leave the set in our parked auto, not in a jacket pocket as customary, and found a note from the officer on duty in the area, an hour later.

The laws of our state (Ed. Note: New Hampshire), we discovered later in the "back room" at the police station, condemned the portable monitoring of police calls. It seems that with rare exceptions, this ruling holds true in most states. In other words, home or fixed monitoring (while quite probably frowned upon) is not illegal, per se, but monitoring in motion, whether that motion be auto, shanks mare, or whatever, is illegal.

We were lucky enough to be allowed to keep the unit (confiscation is normally mandatory), but would pass on this warning that the catalogs don't print: If you're contemplating purchase of a police and fire monitor receiver in portable form, either seek permission from the gendarms first, or don't get it.

...Doug Benson

EDITOR'S NOTE: Though such regulations exist in most jurisdictions, in one form or another, they do vary greatly in strictness. In Wisconsin, for example, as long as such monitoring is not done to aid the commission of an illegal act, it is, in itself, not prohibited. But Doug's advice to check the matter out with your local police department is sound.

FRENCH FOR THE LATEST SHORTWAVE NEWS!

NASWA FRENDEX

SHORTWAVE CENTER

MARCH '68

PAGES

Among the radio magazines on my

BYFROM THE

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shelf is one I often glance through,

* * * * *

BARRYPAST

"Short Wave Craft, June 1935. It is the oldest magazine containing short wave DXing news that I have been able to get my hands on. The famous Hugo Gernsbach was the editor, and a good job he did too.

WILLIAMS

The first thing of interest was the editorial by Gernsbach, remarking how during the previous two years the "all wave" sets had come to the front and had made great strides. Previous to 1933, the public had practically no knowledge of all wave receivers.

Gernsbach said, "At one time and not so very long ago the all wave set was looked upon with distinct suspicion by shortwave enthusiasts because they felt that any set with a switching arrangement would not be as efficient as a plug-in (coil) set, and for that reason the all wave set was in disfavor with the shortwave fraternity." He also commented on the lack of bandspread, referring to the crowded 31 and 49 meter bands. What would he call them today? He also commented on the lack of AVC, dial illumination and the small size of the dials.

The 15th "Trophy Cup" winner was announced..a Mr. Graham, who entered the most veries for the month, 55 from 43 foreign stations. This was not bad considering the relatively few shortwave stations then on the air.

There were nine contributors to the "Official Listening Post." I have included here some of the items of interest...

"Also from HVJ...the identification signals are the tick tock of the studio clock, the bells of St. Peter strike the hour and the opening and closing words are 'Laudatur Jesus Christus...HP5J, 31.23 meters, is coming in fine. They call themselves 'The Voice of Panama'...VE9AS, on 6,425 kc/s., Fredericton, N.B., is heard evenings relaying CBC... Verification received from YV2RC, Caracas...CT1GO, 48.4 meters, Portugal...DJE, 16.8 meters; DFE, 30.5 meters, Germany...Received a verie from Radio Centre, Moscow, RNE... Many reception reports have been sent to South America but not many replies received... SUV, 10,015 kc/s., located in Cairo, Egypt, was heard transmitting a program for CBS... YNLF, 5,960 kc/s., Managua, Nicaragua, irregular, 6 p.m. to 1 a.m....Arabia- 'Hello America, this is Arabia calling. Hope our signals are getting through.' Then lots of Arabic music and talking."

"Unless listeners come to the aid of VUB, Bombay, this station will close down as they claim no reports are being received on their station...HAT, 55.5 meters, Budapest, every Sunday from 8 to 9 p.m., beginning with kind of a churchbell ringing... On the 49 meter band, most activity to be found. W1XAL getting active again and quite effectively spoiling reception of at least a half dozen foreigners, among them DJC, GSA, HJLABG, HJ3ABI, PRA8, and a few smaller South Americans that bunch around 6,010-6,050 kc/s."

One very interesting article was the description of the new 22 tube Scott all-wave receiver. I've seen one of these in New Zealand and it is a classic among receivers. According to the article, it had "a separate tuned RF stage used in each of the four wave bands...in this receiver four stages are used in the IF amplifier...we have incorporated a remarkable new continuous variable selectivity-fidelity control which enables the user to obtain at all times, not only the desired degree of selectivity, but also the maximum degree of fidelity...Power output undistorted up to 50 watts... double AVC system holds stations steady...improved beat frequency oscillator locates shortwave stations quickly...new noise suppression system used."

The most interesting item of the magazine was the list of shortwave stations of the world, which the magazine billed as a complete list.

There were 18 experimental stations, 111 commercial (utility) and, get this, 140 shortwave broadcast stations.

The highest frequency station listed was W8XK, 21,540 kc/s., Westinghouse Electric, in Pittsburgh, relaying KDKA. The lowest frequency was (Continued next page)

PAGES FROM THE PAST (Continued)

PK1WK, 3,490 kc/s., Bandoeng, Java, daily except Friday, 0430-0530.

Others of interest were CR7AA, Lorencos Marques, 3,543 kc/s.; CT2AJ, Azores, 4,002 kc/s.; HCJB (yes, that's right), 4,107 kc/s.; RW15, Khabarovsk, 4,273 kc/s.; ZHL, 6,012 kc/s., Radio Service Co., Singapore; CQN, 6,020 kc/s., Macao; W9XAA, Chicago Federation of Labor; PRADO, 6,620 kc/s., Riobamba, Ecuador; JYR, 7,880 kc/s., Chibaken, Japan; VK3ME, 9,510 kc/s., Amalgamated Wireless Ltd., Melbourne; HBL, 9,595 kc/s., League of Nations, Geneva, Switzerland.

There were many Latins listed, mainly from Colombia and Venezuela. Africa, Asia, the Middle East and Pacific areas were a rarity on shortwave. It appears that DXers considered commercial utility phone stations equivalent DX to the shortwave broadcast outlets. The only band that could really be called crowded was 49 meters; with transmitters on 6,000; 6,010; 6,012; 6,020 (two stations); 6,030 (two stations); 6,040, 6,042; 6,045; 6,060 (four stations); 6,070; 6,072 (two stations); 6,079; 6,080 (two stations); 6,090 (two stations); 6,100 (two stations); etc. On 13 meters there were only three stations listed.

The final feature was the radio news by country. Some of the items were:

"Mexico- There are two new Mexican stations. One is XECW, a 10 watt operating on 5,975 kc/s. The big news from Mexico is the inaugural of the new 20 kw. government broadcasting station which operates on 7,390 kc/s...The station uses the studios of XEBT in Mexico City...Italy- The 30 meter transmitter of I2RO made two changes in wavelength in March to escape interference...Venezuela- The second harmonic of YV5RMO on 5,850 kc/s., heard on 11,700, is heard very strongly in the evenings and is mistaken for a new station. It heterodynes FYA, Paris, on 11,705."

The year 1935 is a long time before I started DXing, but there are calls and stations mentioned that are familiar to me, even today. HCJB, HVJ, LKJ, Oslo, the BBC, CR7AA, VQ7LO, Nairobi (a call used until just a few years ago).

One interesting point is the use of call letters. In the 1935 list, not one station was listed without call letters. Unfortunately, no station transmitter powers were listed, but I should imagine that there were some low powered ones around in those days. In some ways, 1935 may have been a DXer's paradise, bands not crowded, low powered stations to tune for, no jamming and new stations coming on frequently.

Perhaps some of your old timers remember those days and could add your own comments.

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MOST POPULAR STATION POLL

The results of the International Short Wave Club's annual poll for the most popular shortwave station is as follows:

- (1) Radio Nederland; (2) British Broadcasting Corporation; (3) Deutsche Welle;
- (4) Swiss Broadcasting Corporation; (5) Radio Canada; (6) Voice of America; (7) Radio Australia; (8) Radio Portugal; (9) Radio RSA; (10) Radio Sweden.

Placing 11 through 20: Radio Prague, HCJB, Radio New York Worldwide, Radio Japan, ORTF (tied with Radio Japan), Radio Free Europe, Radio Moscow, Radio Rome, Vatican Radio, Austrian Radio.

Placing 21 through 35: Radio Luxembourg, Radio Bucharest, Radio Nacional de Espana, Radio Budapest, Trans World Radio (Monte Carlo), Radio Berlin International, Radio Cairo, All India Radio, Radio Habana, Radio New Zealand, FEBC, Philippines, Radioeking, Radio Denmark, Trans World Radio (Bonaire), and Radio Norway.

...via Brad Goodman

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NASWA FRENCHSHORTWAVE CENTERMARCH '68PUSHBUTTON FREQUENCY PREDICTIONS

Shortwave stations which wish to, or are compelled to take advantage of changing propagation conditions, run a Propagation Department where the data of radio research stations are frequently consulted in order to calculate the optimum frequencies, to check them against their own findings and to decide whether or not to effect a change.

Frequency predictions are published about three months in advance, and are based on solar activity data from local observations and from data from other observatories at other spots on earth. The predictions are compiled from the current knowledge of ionospheric behavior, but with one eye on measurements made in previous sunspot cycles under circumstances similar to those predicted.

For this reason, the data are fairly reliable, except for some areas where a great deal of research still has to be done.

Modern ionospheric research has been intensified recently in order to gain more knowledge about the sun's behavior, so as to be able to protect astronauts from the dangerous cosmic and X-radiations which are released during solar flares and sunspots. In the USA, all ionospheric recording stations are linked and can make measurements on ionospheric conditions over a larger area (and an important area, because of the nearness of the magnetic North Pole). The data are fed to computers, and this enables scientists to have a momentary look at ion density, as it appears from below. The views from above are effected by artificial satellites, commonly called "top-sounders," which inform us about the upper part of the F₂ layer. The avalanche of information thus reaching us is now being handled more and more by computers and this will certainly greatly improve the accuracy of - particularly short term - ionospheric predictions.

...Jim Vastenhoude/BDXC

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LIMERICK BY BENSON

A Swedish DXer named Lars
Said why should I put up those spars
The phone company
Has poles up for me..
His listening's nil behind bars.

..Doug Benson

COMITE INTERNATIONAL DE LA CROIX-ROUGE

The Comite International de la Croix-Rouge, or as we say, the International Committee of the Red Cross, broadcasts only 18 days a year.

The committee broadcasts its programs over the Swiss Broadcasting Corporation's Schwartzenberg transmitter on a nominal 7,210 kc/s.

The test transmissions are used to check reception of this frequency, which, in case of need, will be used to relay information to prisoners-of-war's families

These trial broadcasts bring a lot of mail from SWLs and DXers like you and me from all over the world. Therefore, they QSL with a card and form letter.

They also sent report forms to people so they can monitor a broadcast a day for all 18 days. To these they sent a certificate.

The schedule of transmissions for the rest of the year are as follows:

March 18-20-22; May 20-22-24; July 22-24-26; September 23-25-27; and November 18-20-22. The times are 0600-0700; 1130-1230; 1700-1800; and 2300-0000.

The programming is in French, English and Spanish, 20 minutes in each language.

QSL's are currently being signed by G. Penard, so why don't you listen to the ICRC and send your reception report?

* * * * *

MORE VAC-QRP

Last year we suggested a new aspect of the statistics game, VAC-QRP. Basics are simple, just list the lowest powered station verified on each continent and total the "wattage". Obviously the lower the total, the better you're doing with the DX.

It's been some time since we've run any of your VAC-QRP figures. Here is that of Jan Tuner, Stockholm, Sweden.....

NORTH AMERICA- CHNX, Halifax.....500 w.
SOUTH AMERICA- Ondas/El Angel, Ecu. 500w.
ASIA - Tech. Univ., Istanbul1,000 w.
EUROPE - Shkodra, Albania 200 w.
AFRICA - R.C. Congo Port., Angola 1,000w.
OCEANIA - Noumea, N. Caledonia .. 4,000w.

TOTAL..... 7.200w.



NEWSROOM

DAN HENDERSON, EDITOR
8814 HUNTING LANE, APT.103
LAUREL, MARYLAND 20810

Deadline 15th of Month

The following schedule has just been received from Radio Sweden, effective from February 12:

To Europe from 0930-1130, 1945-2115, and 2130-2230 on 6065 kcs. To the Far East from 0830-0900 on 17800 kcs, and from 1230-1330, 1600-1700, 2015-2115 on 9625 kcs, and from 2245-2345 on 9705 kcs.

To Africa from 1230-1330 on 21675 kcs, from 1730-1930 on 15240 kcs. To Asia from 0830-0900, 1400-1530, and 0445-0615 on 15240 kcs. To ECNA from 1100-1210 on 11880 kc, from 1400-1430 on 17770 kcs, and from 0000-0230 on 5990 kcs. To WCNA from 1600-1700 on 15310 kcs, and from 0300-0430 on 11705 kcs. To South America from 2130-0230 on 11, 11705 kcs. (Radio Sweden via Steve Wood, Indiana, and via the station).

Richard Wood reports that, according to Mr. P. R. Collamore, Station Manager, Radio Americas reactivated its shortwave transmitter in October, 1967. It is the same transmitter as used previously, as is the antenna. The antenna is a dipole with a passive reflective element designed for 7.5 kw, but since reactivating the rig, it has been run at approximately 3 kw in order to save wear and tear on the various component parts which, because of the old age of the rig, are becoming increasingly difficult to obtain for replacement in the event of failure. Mr. Collamore reports that he is quite pleased with the listener response since reactivation. (Richard Wood, Hawaii).

ORTF, French Guiana sends the following schedule: All transmitters are 4 kw, with all broadcasts in French. From 0915-1100 on 3385 kc,

from 1500-1730 on 6070 kcs, and from 2030-0100 on 3385 kcs. (ORTF, Cayenne, via Bob Hagerman, Michigan).

The Voice of Free China, Taipei, sends the following schedule of their English programs:

The first Broadcast is aired from 0200-0350 on 7130, 11825, 15125, 15345, 17720, 17780, and 17890 kcs.

The second broadcast is aired from 1800-1900 on 9685, 9765, 11725, 11825, 15125, and 17890 kcs.

The news is presented daily at 0200-0230-0255-0320-1800 and 1830, with the Dragon Show scheduled from 1030-1100. (VOFC via William Caldwell, California, and Tom Miller, Missouri).

The Australian Broadcasting Commission sends the following schedule of the A.B.C. Home Service:

VLI6, Sydney: From 2000-1407 on 6090 kcs, 2 kw power.

VLR6, Melbourne, from 2000-2200, 0830-1400 on 6150 kc, 10 kw power.

VLR9, Melbourne, from 2215-0830 on 9680 kc.

VLH9, Melbourne, from 0830-1407 on 9680 kc.

VLH11, from 2000-2215 on 11880 kcs, 10 kw power.

VLH15, from 2230-0815 on 15230 kc.

VLT4, Port Moresby, from 2000-2200, 0730-1400.

VLT9, from 2215-0715, on 9520 kc.

VLK3, Port Moresby, from 2000-2200, 0730-1400. VLK4, 4890 kc, from 2215-0715.

VLQ9, Brisbane, and VLM4, on 9660 and 4920 kc, from 2000-1407.

VLW6, Perth, 6140 kc, from 2200-0000, 1030-1607. VLW9, 9610 kc, from 0015-1015. (10 kw). VLX9, Perth, from 2100-0000, 1030-1607 on 9610 kc, and

VLH15, 15425 kc, from 0015-1015 (50 kw). (ABC, via Danny Jamison, Virginia).

NASWA-FRENDX

SHORTWAVE CENTRE

MARCH-1968

All India Radio sends the latest schedule: The General Overseas Service to U.K. and West Europe from 1745-2215 on 7215 kc, from 1745-2015 on 11620 kc, and 1845-2030 on 9912 kcs. To E. Africa from 1745-1845 on 15080 kc, and to West and North Africa from 1845-1945 on 9690 and 11775 kcs. (All India Radio via Stanley Mayo, Maine).

A correspondent in England of WNYW DXing Worldwide program says that Radio Nederland plans to put a relay station somewhere in the Indian Ocean to give better reception of Radio Nederland in East Africa. (DXing Worldwide, via Steve Kamp, Texas).

The Finnish Broadcasting Company reports that their broadcasts on 15155 and 15185 kcs have been discontinued since 1 February due to a serious breakdown in the 100 kw transmitter at Pori. During the time that the station needs for repairs, the transmissions will be continued with a 15 kw transmitter taken from 11805 kc transmissions. The 25 meter band transmissions are discontinued. (Radio Finland).

After 25 years of uninterrupted operation, the French have finally been given notice to quit Radio Brazzaville, according to an unconfirmed report. Situation in the Congo Rep. had made this move inevitable, with the growth of anti-white feeling and the strong and permanent penetration of Chinese Communists. Future operation of the station is uncertain. (Richard Wood, Hawaii).

The Rhodesian Broadcasting Corp. sends the following current schedule: The General Service may be heard on 3396, 6020, and 7285 kcs. The times are as follows: from 0355-0435 on 3396 and 6020 kcs, from 0435-0455 on 6020 kcs. From 0455-1615 on 6020 and 7285 kcs. from 1625-2200 (2200 Sat) on 3396 kcs. The African Service may be heard from 0330-0430 on 3306 kcs, as well as from 1600-2000 (2200 Sat). (RBC, via Rene Chicoiné, Canada).

Richard Wood reports that the hitherto unidentified Indonesian sta-

as Radio Republik Indonesia, Samarinda, in Indonesian Borneo (Kalimantan). The identification as Senarang, published in the Japanese SW Guide, is erroneous. (Richard Wood, Hawaii).

Radio Senegal, Dakar, now uses the following schedule: 15115 kc, 100 kw; 4890, 9720 kc--4 kw, Chaine Nationale II: 4890, 7210 kc--25 kw. Senegal IV-B.P. 173 Ziguinchor-6070, 3336 kc--4 kw. (R. Senegal, via Bob Hagerman).

Radio South Africa sends the following schedule, effective 3 March-5 May, 1968: To Africa on 25790, 1221535, 15220, 11900 kc from 1000-1600, with Sunday broadcasts starting at 0800. In addition, broadcasts may be heard from 0345-0415 on 9525, 5980, and 3997 kcs, with transmissions on 9525 and 7270 kc heard at 0530-0600, 0610-0625.

To the Middle East and North Africa from 1650-1750 on 21535 and 17805 kc. From 0615-0645 on 17805 and 15220 kc. From 0515-0530 on 15220 and 11900 kc. From 0415-0445 on 11900 and 9525 kcs. To Europe from 1750-1850 on 21500 kcs. From 1750-1950, 2020-2350 on 17790 kc. From 1910-1950, 2020-2120, 2140-2220, and 2240-2340 on 11875 kcs. To North America from 15220 kc from 2320-0020. From 2320-0320 on 11875 kc, and from 0040-0320 on 9705 kcs. (RSA via Mike Macken, Mass, and Rudolph Manna).

Radio Togo sends the following schedule: From 0530-0800, 1200-1400, and 1730-2300 Mon-Fridays, with Sunday transmissions from 0600-2300, with all transmissions heard on 3222, 5047, and 7265 kc, with the 7265 Xntr being used for the mid-day Xmission. All stations are 100 kw. (Radio Togo, via Mike Kamp).

Radio Tehran, Iran, transmits their Foreign Broadcast to Europe on 11730 and 15135 kcs, from 1730-2130, with English heard at 2000-2030. (Mike Kamp).

Well, that concludes another NEWSROOM for this month. Thanks to all the fine reports-please send in the African and Far East reports, as many DXers are asking for them!! 73,

RADIO RBA
THE VOICE OF SOUTH AFRICARADIO MALAYIA
SABAHRADIO TRANS MUNDIAL
Trans World RadioRadio
Mogadiscio

RADIO TRANS MUNDIAL

RADIO
Afghanistan

Radio Frontera

QSL
REPORTGREGG A. CALKIN, EDITOR
BOX 97, HARRISON HOUSE
UNIVERSITY OF NEW BRUNSWICK
FREDERICTON, N.B., CANADA

Deadline 15th of Month

1967 was a fairly thin year for Latin American QSLs. This went hand in hand with generally poorer reception of the rarer stations and countries, e.g., a definite reduction in the numbers of Honduras and Guatemalan stations heard. With a shake-up of Chilean stations and changes in Venezuela, Peru and other countries, the QSL pages should show some newcomers shortly.

While many of our members are familiar with Richard's fine White Lists, it should be mentioned that the following list sets out to be an attempt at a fairly complete listing of Latin American stations which have verified reception reports in 1967, or at least sent some reply (probably not a formal QSL, in many cases) to listeners outside of Latin America. The reports sent by these lucky DX-ers will, of course, have been written in Spanish, or Portuguese to Brazil, for it should again be mentioned that most LA stations do not reply willingly or consistently to English-language reports. Finally, it should be noted that while this is a white list (as opposed to a "black list"); the absence of a listing for a station will indicate a generally negative QSL policy in the last two years; unless the station is a very rare one, never reported to or, of course, a brand new one.

LATIN AMERICAN WHITE LIST Part One by RICHARD E. WOODARGENTINA.

R.A.E.	consistent but not a true verification
Radio Belgrano	one reply noted
Radio El Mundo	fairly consistent

BOLIVIA.

La Cruz del Sur	consistent and friendly
Radio Altiplano	one reply only, generally poor
Radio Amoro	one reply noted
Radioemisoras Bolivia	a few replies
Radio Fides	consistent
Radio Grigotá	several answers noted
Radio La Plata	returned an A.N.A.R.C. card
Radio Litoral	one reply from this seldom-heard station
Radio Santa Cruz	consistent
Radio Universidad Tarija	one reply from this rarity

BRAZIL.

Bauru Rádio Clube	one reply only
Emissora Piratininga	a few replies but many reports outstanding
Emissora Rural Petrolina	several replies
Rádio Alvorada	consistent
Rádio Anhanguera	several replies
Rádio Aparecida	the outstanding Brazilian verified now
Rádio Bandeirantes	second only to Aparecida
Rádio Brasil Central	many replies in, but not 100% consistent
Rádio Caiari	one answer from this rarity

Rádio Clube de Goiânia	two or three answers in
Rádio Clube do Pará	a few answers
Rádio Clube Paranaense	one reply; stamps had been sent
Rádio Clube Ribeirão Preto	one reply only
Radio Congonhas	friendly now; get it while a new station
Rádio Cultura de Araraquara	many replies in
Rádio Cultura da Bahia	problematical; four or five replies
Rádio Cultura de Campos	two only; but seldom heard
Rádiodifusora Brasileira de Uberlândia	two answers noted
Rádiodifusora de Goiânia	two answers
Rádiodifusora Taubaté	two or three in
Rádiodifusora de Teresina	consistent
Rádiodifusora São Paulo	one only noted
Rádio Educadora de Palmares	two answers
Rádio Educadora de Uberlândia	one only
Rádio Farroupilha	consistent
Rádio Feira de Santana	several answers
Rádio Gaúcha	consistent and friendly
Rádio Gazeta de Olinda	several
Rádio Guaíba	fairly consistent
Rádio Guarujá	half-a-dozen answers
Rádio Inconfidência	friendly, many answers
Rádio Jornal do Brasil	better than before, but still not 100%
Rádio Marajoara	two answers squeezed out of this one
Rádio Mauá	several replies, better than before
Rádio Ministério de Educação	quite a few in lately
Rádio Nacional de Brasília	very friendly
Rádio Nacional de Rio	a dozen answers received
Rádio Nove de Julho	good at present
Rádio Olinda	four answers in 1967
Rádio Pioneira	a dozen answers
Rádio Poti	one or two only
Rádio Presidente Prudente	one reply only noted
Rádio Relógio Federal	three answers (a record) received in 1967
Rádio Rural, A Voz do São Francisco	one or two slip through
Rádio Rio Mar	almost twenty received
Rádio Sociedade da Bahia	three answers, but generally negative
Rádio Tabajara	one only
Rádio Timbira	two answers, mostly does not reply
Rádio Tupi, Rio	good, reasonable though slow
Rádio Tupi, São Paulo,	better last year than before; maybe 25%

CHILE.

Emisoras Nuevo Mundo	two or three answers
La Voz de Chile	not regular, but several replies noted
Rádio Calama	slow, one reply after follow-up
Radio Fortales	one card only from this exasperating sta'n
Radio Presidente Balmaceda	two replies in 1967, otherwise negative
Radio Soc. Nacional Agricultura	one or two answers; slow
Radio Soc. Nacional Minería	best Chilean verified
Radio Valentín Letelier	one reply from this rare bird

COLOMBIA.

Emisora Nueva Granada	one or two, otherwise poor
La Voz del Centro	good, friendly
La Voz del Pueblo	several replies noted
Radio Bucaramanga	one or two replies

COLOMBIA. (cont'd)

Radio Buenaventura	one only, seldom heard
Radio Colosal	new station, one answer in so far
Radio El Sol	one or two only
Radio Horizonte	several answers in
Radio Nacional	reasonably good though not 100% consistent
Radio Neiva	many answers
Radio Santa Fé	very reliable and friendly
Radio Sutatenza	equally consistent
Radio Villavicencio	consistent
Transmisora Caldas	a few replies in

ECUADOR.

Emisoras Gran Colombia	a little slow, but appears friendly
Escuelas Radiofónicas	one solitary answer trickled in
La Estación de la Alegría	two replies in lately
La Voz de los Andes	no comment necessary
La Voz de Esmeraldas	about two replies noted
La Voz de Manabi	very reluctant
La Voz del Rio Carrizal	one reply only
Ondas Cañaris	slow, only one reply noted; irregular operation
Ondas del Angel	two replies noted
Radio Cariamanga	one reply only, but seldom reported
Radio Centinela del Sur	slow and irregular, but has replied
Radio Cenit, Portoviejo	one reply only, otherwise unwilling
Radiodifusora Cenit de Bahía de Caraquez	one reply from this rarity
Radiodifusora del Ecuador	one reply
Radio El Mundo	two replies
Radio Iris	very reluctant, only one reply
Radio Quito	past its peak, only a few lately
Radio Rio Amazonas	returned an A.N.A.R.C. card once
Radio Xavier	two replies; very seldom heard
Radio Zaracay	replies to only a few; if good reports

FRENCH GUIANA.

O.R.T.F., Cayenne	sometimes slow and irregular, but has replied
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GUYANA.

Radio Demerara	generally good
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PARAGUAY.

Radio Encarnación	one reply
Radio Guairá	one A.N.A.R.C. card was sent
Radio Charitas	four replies in 1967

PERU.

Radio Amazonas	only one true verie in 1967
Radio Atlántida	many replies, best Peruvian
Radio Cuzco	very reluctant; one reply only
Radio El Sol	generally black; only one answer
Radio Erpa	rarely heard but friendly
Radio Horizontonte	also rare but friendly

That's it for this month. Richard Wood's White List will be continued in the April QSL REPORT. Watch for it! and let your editor know if you enjoy feature articles of this sort.

QSLs RECEIVED

A large number of QSLs have been received this month. Of particular interest, your editor would draw your attention to those received from the Cook Is, Latvia, and Paraguay, plus an assortment of rarely reported stations both in the G.F.R. and in Indonesia.

ALBANIA: Radio Tirana, 7265 kc/s replies by card or letter in 1½-3 months. Full QSL data (Spieler, N.Y., Galo, Vt., Fodpechan, Okla.)

ANGOLA: Radio Clube de Huila, 3970 kc/s sent card by airmail in 2 weeks. IRCs sent; QSL data sometimes not completely filled out (Henderson, Md., Graham, N. Y.)

Radio Clube Lobito, 4905 kc/s verified by card airmail in 5 weeks. 3 IRCs sent; no verie info, but QSL statement in 6 languages (Peters, Illinois)

Radio Clube de Moçamedes, 5015 kc/s sent a fine 2-page letter airmail in 2 mos signed by Eurico Pinheiro da Silva, Presidente da Direção. (Wood, Hawaii)

ARMENIAN S.S.R. Radio Yerevan, 17760 kc/s sent post card QSL, schedule and propaganda by airmail in 2 months. Full QSL data; no signer (Hirkpatrick, B.C.)

ASCENSION IS: BBC S. Atlantic Relay, 15180 kc/s w/letter direct in 2 weeks airmail.

V/S: Mr. Turner. 3 IRCs sent (M. Kamp, Texas) Note not via London (GAC)

AUSTRALIA: Radio Australia, 7190/17640 kc/s sends card showing the Waratah, pamphlets, maps and occasionally a personal letter, generally via seammil. V/S: Simone Chaloupek. Averages 2 months (Weber, Ohio; Perdue, Calif; Wood, Hawaii)

VLA9, Perth, 9610 kc/s replies by card, sked, tourist pamphlets in 93 days seammil. IRCs sent. Complete verie info (Weber, Ohio)

AUSTRIA: Ö.R., Vienna, w/QSL-card airmail in 1 month. Full data (Spieler, Wood)

BOLIVIA: Radio Universo, La Paz, 5017 kc/s (nominally 5015) sent letter/pennant after f/up. First rpt not rcvd according to station. V/S: Antonio Berthin M., Director Técnico and Juan Blanco G., Gerente (Tuner, Sweden)

BOHAIRE: Trans-World Radio, 11820 kc/s sent card/letter/sked airmail in 2 weeks. 3 IRCs (Spieler, N. Y.)

Radio Nederland, 9590/15220 sent card w/full details airmail in 2 wks. QSL came via Hilversum (Beggs, N.B.; Klemens, N.J., Carson, Pa, Field, Mich, Brown, Mich.)

BOTSWANA: BBC, Francistown, 4645 kc/s w/Big Ben card in month via London surface mail. No IRCs; no details. Does it count? (Henderson, Md.) As much as any BBC card, Dan (GAC)

BRAZIL: A Voz do Bertão, Presidente Prudente, 3335 kc/s, w/letter and post card after 1 month. V/S: Raphaél Lamastra, Gerente (Tuner, Sweden)

Radio Anhanguera, Goiania, 5035 kc w/letter after 3 weeks. V/S: João Barbino Post card enclosed too and pennant. (Tuner, Sweden, Dexter, Wisconsin)

Radio Clube Bauru, 3275 kc/s replies w/card in 11 days airmail via Jack Perolo, São Paulo. No IRCs (Peters, Illinois)

Radio Congonhas, 4795 kc/s, w/letter written, sent and rcvd in 3 wks. V/S: Jacyr Grossi (Tuner, Sweden)

Radio Cultura de Araraquara, sends letter and stamps, p/card showing city all in Portuguese in 3 wks airmail. V/S: the Relações Publicas Gerente. No time given; otherwise complete verie (Field, Michigan)

Radio Cultura de Araçatuba, 2450 kc/s verified w/letter and set of small p/cards on f/up. First report went astray (Tuner, Sweden)

Radio Difusora Taubaté, 4855 kc/s w/letter, card and pennant after 2 wks. V/S: Emilio Amadei Beringhs, Diretor Superintendente (Tuner, Sweden)

Radio Guarani, 6175 kc/s replied by card in 13 days airmail. Full data (Field)

Radio Inconfidencia, 6000 kc/s replies by card in English, pennant and 2 stickers air in 2 wks. Date only given; mint stamps sent (Field, Michigan)

Radio Jornal do Brasil, 4875 kc/s w/letter, no details and nice pennant from Fernando Veiga, Assistente da Diretoria por Rádio. 19 months airmail after f/up (Wood)

Radio Marajoara, 15245, w/registered letter after f/up. V/S: Alfredo Sade, Dir. Comercial. First hrd in 1959 asking for rpts and promising verification!! (Dexter, Wis)

ZIL: Radio Nacional Brasilia, 11720 kc/s w/letter, no details, plus stamps from Luthero Toledo in 3 wks by airmail. Temporarily out of pennants (Wood, Hawaii)

Radio Nacional de Rio, 6145 kc/s sent card and very beautiful silk pennant by seamail. 1-IRC sent. Card features SW rx dial w/Radio Nacional wavelengths on it and photo of sugarloaf Mt./Bay. Pennant was a fine hand painting. Reported in Portuguese. QSL text is in 5 languages (Hagerman, Michigan)

Radio 9 de Julho, ZYR97, São Paulo, 9620 kc/s sent 2 letters (1 in French, 1 in Port.) plus Portuguese sked and p/card airmail signed by Cgo Christofero, Diretor Geral. Warm and friendly letters, but no verie details (Chicoine, P.Q.)

BRITISH HONDURAS: Radio Belize, 3300 sent large map card in 1 month airmail. 2 IRCs. (M. Kamp, Texas)

BULGARIA: Radio Sofia, 9700 kc/s sent card, letter of apology for delay, skeds and request for further rpts in approx 4 months. No IRCs (Weber, Ohio; Spieler, New York)

CAMBODIA: R.Dif. khmere, 4994 kc/s sends form letter, sked in 30 days. V/S: Lim Sainvar, Mgr. Date only given. Report sent in French; magnificent stamps (Graham, NY; Wood, Haw.)

CAMEROON: Radio Garoua, 5010 kc/s sent form letter after 1 month. Full data (Turner, Sweden and Colapietro, New York)

CANADA: Radio Canada, 5990/9610/9625/17820 kc/s sent card surface mail in 9 days av. Full data; V/S: B. Duke. (Beggs, N.B., Semeneq, Alta; Brown, Mich; Spieler, N. Y.)

CFVP, Calgary, 6030 kc/s sends card and sked in 15 days surface. V/S: R. Lamb. (Mraz, Penna.) in 3 days w/card featuring photo of station (Semeneq, (Calgary) Alta).

CFRX, Toronto, 6070 kc/s sends attractive card, all details by airmail in 1 wk. V/S: Clive Eastwood, P. Eng. (Wood, Hawaii)

CHINA: Radio Peking sent card for 15060 kc, also sent Peking Review magazine, copy of Mao's thoughts and sked in 2 months seamail. No IRCs; no data (Seigle, Kentucky) 3 IRCs (Spieler, N.Y.) card in French in 45 days w/2 skeds (1 French, 1 English) by airmail; As usual no details. Had also sent photocopies of unanswered Pyongyang rpts to Pékin. All I got was a lot of trash (Chicoine, P.A.) C'est la vie! (GAC)

COLOMBIA: Radio Bucaramanga, 4845 kc/s sends letter (form) and nice blue cloth pennant in 2 weeks av. V/S: Jaime Sorzano. Usued NASWA Spanish form. (M. Kamp, Texas and one other whose name I misplaced.) Sorry (GAC)

Radio el Sol; Cali, 6140 kc/s w/p/card in 5 weeks airmail from: F. Franco Garcia (Wood, Hawaii)

Radio Nacional, 4955 kc/s replied by letter airmail in 24 days. No IRCs sent. V/S: German Pinzon M., date only given (Field, N. C.)

Radio Neiva, 4855 kc/s sending letter/pennant in 26 days. V/S: Gustavo Hernandez Riveros. Mint stamps sent (Sparks, California)

Radio Santa Fé, 4965 kc/s sends letter/pennant sea in 3 months (M. Kamp, Texas)
Radio Valledupar, HJDD, 6175 kc/s sent letter in spanish, 2 pennants by airmail in 1 month. Mint stamps sent. One pennant was theirs, the other from La Voz del Caqueta. V/S: Hugo Arestezabel Ramire (Field, Michigan)

CONGO REPUBLIC: O.R.T.F., Brazzaville, 15190 kc/s sent card featuring outline map of Africa, full details in up to 5 months, but generally averaging 1-1½. IRCs sent (Baines, N.S., Seigle, Kentucky; S. Kamp, Texas)

COOK ISLANDS: Radio Rarotonga, 5045 kc/s sends card airmail in 22 wks. Mint stamps sent; signed by S. Kingan and has full data. Station now 1 kW (Billingsley, California)

COSTA RICA: Radio Reloj, 6207 kc/s sends spanish letter in 96 days w/sked by airmail. V/S: Marta Cecilia Araya Barahona. IRC sent (Mraz, Pennsylvania)

TIFC, Faro del Caribe, 6037 kc/s w/card, form letter, by airmail in 13 days from Jerry Frost, Engineer. Complete QSL data; IRC sent (Graham, New York)

TIQ, Radio Casino, 5954 kc/s sends letter in Spanish w/pennant by airmail in 23 days. No date or time given (Mayo, Maine)

CUBA: Radio Habana Cuba, 9525/9655 sends card, sked, letter airmail in up to 7 wks. Card shows Caribbean area (Spieler, N.Y; Galo, Vermont; Caldwell, California)

CZECHOSLOVAKIA: Radio Prague, 5930/7345 kc/s w/card-photo of Mosaic in Town Hall of 'Old

Town' by airmail. (Spieler, New York; Mayo, Maine)

Regarding last months queri, the correct name of the second Prague signer should read: Vladimir Kucera, Editor North American Broadcasts. (Podpechan, Oklahoma; and Silverstein, N. Y.) Thanks Gentlemen (GAC)

DOMINICAN REPUBLIC: Radio Cristal, 5010 kc/s w/letter signed by Nobel Alfonso via airmail after 9 months (Dexter, Wisconsin)

ECUADOR: La Voz de los Andes, HCJB, 15115/17890 kc/s sent card, sked, letter, and some religious information airmail in 2 months. Calendar also sent occasionally. V/S: Herbert P. Jacobson, C.E. (Beggs, N.B; Michalenka, R.I; Walsh, Mass; Spieler, N.Y.)

Ondas del Angel, El Angel, 4830 kc/s w/letter, pennant and 3" tape containing Ecuadorian music after f/up. V/S: M. Alfredo Bracho O., Subgerente (Tuner, Sweden) or from José I. Salazar A., Gerente; in 4 months (Dexter, Wisconsin)

Radio Cénit, Bahia de Caraguez, 4865 kc/s, w/letter after 2 months signed by Carlos Hurtado Polit, Gerente (Tuner, Sweden)

Radio Sistema Atalaya, Guayaquil, 4600 kc/s sent letter in Spanish in 8 months after 4th f/up. Stated they never got first letters sent. Pennant sent too, by airmail. V/S: Gladys Kocher Hernida, Sec. (Field, Michigan)

Radio Quito, 4922 kc/s sent personal letter in English from Leonardo Ponce M., Manager in up to 7 wks. Ecuadorian stamps sent (Field, Michigan) in 25 days, no IRCs (Rodau, N.Y.)

EL SALVADOR: Radiodif. Nac., 6010 kc/s replies by letter in Spanish, travel folders, in 13 wks airmail. V/S: Victor Manuel Aleman (Pappas, Illinois)

ENGLAND: VOA, Woofferton, 6150 kc/s sent regular card in 6 days surface mail. (Weber) BBC B/B card in 2 months (Brown, Michigan)

ETHIOPIA: Radio Ethiopia, 6185 kc/s sends card in verification but no details, plus sked by registered mail in 3 months. (Wood, Hawaii)

ETLF, Addis Ababa, 15410 kc/s w/card, sked in 22 days airmail. 3 IRCs. Full verie info (Wraz, Pennsylvania)

FINLAND: Finnish BC, Helsinki, 15155 kc/s sends card and sked in 2½ months airmail. Full details. IRC (Seigle, Kentucky; Wood, Hawaii)

FRANCE: O.R.T.F., Paris, 11960 kc/s sent card of Eiffel Tower w/full data in 1 month No IRCs (Rodau, NY) card (Christmas) in 2½ months; no QSL to date (Smith, Ohio)

FRENCH GUIANA: Cayenne, 3385 kc/s sends personal letter in French incl sked by airmail in 2 wks. V/S: A. Guillaume. IRCs sent. Reported using NASWA French form; QSL gives date only (Hagerman, Michigan; S. Kamp, Texas)

G.F.R. Radio Bremen, 6190 kc/s sends card seamail in 5 weeks. Full details of reception; 2 IRCs sent. (Peters, Illinois)

Süddeutscher Rundfunk, Mühlacker/München, 6030 kc/s sends card and pamphlets airmail in 1 month. 3 IRCs sent; Frequency only given (Nordgren, Illinois)

RIAS, West Berlin, 6006 kc/s sent card, pamphlets airmail in 6 wks. 3 IRCs sent; full data (Nordgren, Ill.) Radio In The American Sector (GAC)

Bayerischer Rundfunk, München, 6085 kc/s sending card, pamphlets by airmail in 6 weeks. 3 IRCs sent (Nordgren, Illinois)

Deutsche Welle, Köln, 11930 kc in 3 wks. 2 IRCs sent (Spieler, N.Y.)

GHANA: Ghana Being Corp., 11825 kc/s w/card in red, yellow and green. Full data. V/S: O. Omash in 79 days. No IRCs (Fogel, Pennsylvania)

GUATEMALA: TGNA, 5955 kc/s sent card featuring the Quetzal Bird, letter, sked and some religious pamphlets. V/S: John S. Holland (Wraz, Pennsylvania) \$1.00 cash donation sent w/rpt. Writer reports money rarely gets thru the mail (Colapietro, N.Y.)

Radio Chortis, 3350 replied by letter in Spanish w/pennant airmail in 2 weeks registered. V/S: Albino Gomez. Poor verie statement; no details (M. Kamp, Texas; Peters, Illinois)

YANA: Radio Demerara verified w/yellow brown card with black and red lettering in 1 month for 5980 kc/s. V/S: Frances S. Bowen. Averages 1-2 IRCs sent (Colapietro, NY; Wood, Hawaii; Getman, Wisconsin; Smith, Ohio)

HAITI: 4VEJ, 11835 kc/s w/card folder and pamphlets in 47 days airmail. V/S: Mrs. Kent Ragsdale. IRCs sent (Mraz, Pa; Perdue, California)

HUNGARY: Radio Budapest, 11910 kc/s sending 3 cards currently in black and white: (1) Budapest at night, including view of Danube (2) Budapest district Hospital and (3) Budapest Bath Hotel. Time averages 9 weeks (Spieler, N.Y; Silverstein, N.Y; Carson; Pa)

INDIA: AIR, New Delhi, 15080 kc/s sends color photo card airmail in 30 days. IRCs sent. Complete verie info (Mayo, Maine)

INDONESIA: RRI Djakarta, 6105 kc/s w/card airmail from Miss Susie° in 2 months. Full data (Graham, N.Y.) for 6045 kc/s in 28 days w/sked and magazine in Indonesian airmail. Same V/S° (Chicoine, P.Q.)

RRI Pontianak, Kalimantan, 3345 sending letter in two months via Mrs. Susie° in Djakarta, after 2 prior rpts were not answered. (Sparks, California)

RRI Samarinda, 6135 kc/s sends card, all details, plus map of Indonesia showing location of Samarinda etc. First verie ever for RRI Samarinda? (Wood, Hawaii) First I know of, Richard (GAC)

RRI Medan YDF3, 7240 kc/s sent card, sked airmail in 6 wks from Djakarta (Field)

RRI Jogjakarta, 5047 w/card, sked by air in 6 wks from Djakarta (Field)

° Miss Susie is now Mrs. Susie to every DXers chagrin (Wood, Hawaii)

IRAN: Radio Iran, 15135 kc/s, letter, sked and books about Iran airmail after f/up. 6 months; 3 IRCs sent (M. Kamp, Texas)

IRAQ: Radio Baghdad, 7180 kc/s sent card airmail in 8 weeks. Date and frequency by meter band given only. (Billingsley, California)

ISRAEL: Kol Yisrael, Jerusalem, 9009/9725 kc/s sent card and sked airmail in 22 days, w/full data. Card is blue with antenna guy wires (Seigle, Kentucky; Billingsley, Calif;) also up to 87 days (Fogel, Pa; Hagerman, Michigan) (Caldwell, Calif.)

ITALY: RAI, Rome, 15410 kc/s w/card, sked airmail and literature on station in 8 wks.// (S.Kamp, Texas)

JAPAN: FMN, Tokyo, 6155 kc/s sent card seamail in 16 days. No IRCs; V/S: Hal. H. Harlan/NHK, Tokyo, 9500/15105/15135 sent very attractive card in 3 wks airmail w/sked, rpt form. Card is one of new four showing the firing of grass on Mt. Wakakusa, Nara and also sent RJ p/card. IRCs not req'd. (Calkin, N.B; Kelemens, N.J.) for 17825 kc/s in 7 weeks. Freq/date only; picture of Mt. Fuji with gold sun and white clouds (Menna, Pa. and Semene, Alberta);

KOREA: KBS, 15430 sent card, sked, rpt forms in about 1 month. Card is p/card type and shows Bulguk-sa Temple at Kyoung ju. No IRCs (Perdue, California)

HLKY, Christian Being Station, 6195 by letter and pamphlet on station from J. Otto De Camp; IRC sent; 10 days via airmail. (Sparks, California)

LATVIA: Radio Riga, Lettlands Radio, 7140 kc/s replied by card, letter and small pennant in 3 months (Sparks, California) (Kirkpatrick, B. C.)

LEBANON: Radio Beirut, 9625 kc/s sends card airmail in 7 weeks. Full data; IRC sent//

MALI: Bamako w/regular brown/yellow OCORA card of Africa in 10 months. IRC (Colapietro)

MEXICO: XEJW, 6020 kc/s sent ANARC card in 29 days. Complete data (of course) and is signed by Elvia Cazarin Gil, Sub-Gerente. Included calendar. IRC sent (Graham, N.Y.)

MCO: Radio Monte-Carlo, 6035, card in 3 months; unsatisfactory text (Wood, Hawaii)

TWR, Monte-Carlo, 7295 replied by folder-card seamail. 3 months; IRCs sent; and complete data (Weber, Ohio; Wood, Hawaii)

MOZAMBIQUE: R. Clube Moçambique, 11780 kc/s is sending card w/color photo of RCMs bldg front and statue in front in under 1 month. (Mazzaman, Getman, Jacobson, Smith)

MARCH 1968

NASWA-FRENDX

SHORTWAVE CENTRE

NETHERLANDS: Radio Nederland, 15220 kc/s sent 20th Anniversary card in 4 weeks. 2 IRCs sent (Spieler, New York)

NEW CALEDONIA: Radio Nouméa, 7170 kc/s w/card seamail in 258 days. No IRCs (Finigan, NC) in 28 days complete with technical data. V/S: H. De Camaret, Le Chef des Services and J. Agostini, Secrétaire, via airmail (Chicoine, F. Q.)

NIGERIA: Voice of Nigeria, 15225 kc/s sent card plus sked/pamphlets on Biafra situation "Radio Times"; 2 weeks by airmail. V/S: H. Foote (Flynn, California)

PAKISTAN (EAST): Dacca, 17630 kc/s sent card, letter by airmail in 10 months. V/S: Masud Qureshi. Full verie info. 4 IRCs sent and QSL rec'd via Rawalpindi (Nordgre, Ill.)

PAKISTAN (WEST): Radio Pakistan, Quetta, 6122 kc/s sent totally inspecific and unsatisfactory card and letter from Rawalpindi, although sent direct. 3 mos by air (Wood, Ha.)

PAPUA: VLT4, Port Moresby, 4890 kc/s, card, stamps and sked in 16 days airmail. 3 IRCs (Fraz, Pa) 4 weeks (Flynn, California)

PARAGUAY: ZPA5, Radio Encarnación, 11945 kc/s verified by letter and pennant in 10 months after f/up. Mint Paraguayan stamps sent. V/S: Antonio Elren Cabrera (Sparks, California)

PERU: Radio Amazonas, Iquitos sends letter and p/card after 3 weeks. 4815 kc/s. V/S: Máximo Meléndez Cardenas, Director-Gerente (Tuner, Sweden)

Radio Unión, Lima, 6115 kc/s w/letter from Brita. Juana Medina Ramos, Contadora. 1 yr airmail after f/up (Wood, Hawaii) Contadora = Secretary/Accountant (GAC)

PHILIPPINES: PBS, Manila, 6170 kc/s verified w/an attractive card from José Dy, Broadcast Operations Chief. 3 weeks. "kcs" on card blocked out and replaced by "kHz". Wish NASWA would do the same (Wood, Hawaii) quiçá, Richard (GAC)

VOA, Poro, 17735 kc/s w/card surface mail in 4 days. Transmitter location, date only info. No IRCs (Henderson, Maryland)

POLAND: Polish Radio, Warsaw, 9675 kc/s sent card, personal letter, sked. Card, which contains full data, is 1st in series of 7 with map of Poland. 1½ months seamail. 2 IRCs (Seigle, Kentucky)

ROMANIA: Radio Bucharest, 6190 kc/s w/card, letter, pennant in up to 6 weeks. IRC sent (Graham, N.Y.); for 11940 kc/s airmail in 2½ weeks (Caldwell, California)

RUSSIAN S.F.S.R. (European): Moscow, 9760 kc/s sending card, letter, p/card in 3-5 wks. V/S: Mrs. E. Stepanova and by airmail (Spieler, N.Y.; Field, Michigan)

RUSSIAN S.F.S.R. (Asiatic): Magadan, 9500 kc/s w/card in 5 wks via Moscow and Mrs. E. Stepanova; complete data (Field, Michigan)

RYUKYU ISLANDS: VOA, Okinawa, 7175 kc/s w/card via Washington via 2nd class mail in 1 week. V/S: Diane Schott. No data (Getman, Wisconsin)

SENEGAL: Dakar, 4890/15115 kc/s currently sending card featuring picture of the Khora in 16 days seamail. IRCs sent; full data (Hagerman, Michigan) 2 months (Jacobson, Wis.)

SINGAPORE: Radio Singapore, 11940 kc/s sent p/card QSL airmail in 3 weeks after f/up airmail. 5 IRCs. States frequency only (M. Kamp, Texas)

SOUTH AFRICA: Radio Safari, 11935 kc/s replied by card w/short note stating my report was good. V/S: Richard Ginbey. IRC sent and reply via airmail with full details. Card is usual black and white card with picture of Lioness on map of Africa. Also for 6025 kc/s (Miller, Mo; Fogel, Pennsylvania; Chicoine, F.Q.) Transmitter at Lisbon (GAC)

Radio RSA, 11850/11875 kc/s sent card, sked and letter airmail in 1 month. 2 IRCs sent; complete info on QSL. Sometimes includes S. African Quiz Book (Beggs, N.B.; Spieler, N.Y.; Poipechan, Oklahoma; Semenek, Alberta; Carson, Pennsylvania)

Springbok Radio, 6150 kc/s w/white card in 24 days w/sked. V/S: J/A/ Jooste by 2nd class airmail. 2 IRCs; complete data (Weber, Ohio)

SPAIN: Radio Nacional de España, Madrid, 9760 kc/s sent letter w/full data seamail in up to 10 weeks. IRCs sent (Fogel, Pa; Spieler, N.Y.; Brown, Michigan)

SWAN ISLAND: Radio Américas, 6000 kc/s verifying with card featuring map of the West Indies, and interesting/informative letter from F.R. Collamore, Sta. Manager in 10 days airmail (Wood, Hawaii); 2½ wks (Flynn, Calif) 1 month de Box 52, Miami (Rodau, N.Y.)

EDEN: Sveriges Radio, Stockholm, 5990/11705/21690 kc/s replies by card, airmail in 2 weeks average. No IRCs; full info. Issues of SCDX also sent occasionally (Anthony, Connecticut; Mochizuki, Hawaii; Caldwell, California; Spieler, N.Y.) 44 days (Mayo, Me)
SWITZERLAND: International Committee of the Red Cross, Geneva, 7210 kc/s sent card, rpt forms, form let er etc. airmail in 16-19 days. V/S: G. Penard; full data on plain card w/printing. IRCs sent (Michalenska, R.I; Churchill, California)
 SBC, Berne, 9535 kc/s, 6120 kc/s sends attractive card in 3 weeks. IRCs sent and reply by airmail (Spieler, New York; Beggs, New Brunswick)

TAHITI: O.R.T.F., Papeete, 6135 kc/s w/card/sked airmail in 9 days. Full data. 2 IRCs (S. Kamp, Texas)

TAIWAN: VOFC, Taipei, 15125/17890/17720 kc/s sends card and complete new English sked in approx 3 weeks airmail. Card is beautifully colored with map of the world in white, dark blue, light blue and yellow showing the target areas of the BCC's international service. Front lists all frequencies. IRCs sent (Miller, Missouri; Rasin, N.J; Kennedy, Md) 1 month (Walsh, Mass.) 10 weeks seamail (Caldwell, California)

TANZANIA: Dar-es-Salaam, 5050 kc/s w/card airmail in 21 days. 3 IRCs. Colorful card, with time missing, initialed by C.E. (Chicoine, F.Q.)

TUNISIA: Tunisian Radio-TV, Tunis verified w/card in 2 weeks. IRC sent (Colapietro, NY)

TURKEY: Voice of Turkey, Ankara, 15160 kc/s sent card, sked and info on Turkey via seamail in 69 days. No IRCs sent, but took 4 reports over 2 year period (Finigan, N.B.) Many members have been writing complaining about this station's time period; from the above you can see "persistence" is the word (GAC)

UKRAINIAN S.S.R. Radio Kiev, 9685 kc/s w/card, p/card and sked airmail. Full data (Caldwell, Calif) 3 months seamail (Semeneck, Alberta)

U.A.R. Cairo, 9475 kc/s sent card airmail written in French. V/S: F. Ghali. 25 days; no IRCs (Weber, Ohio); in 1½ months (Podpechan, Okla; Spieler, N.Y.)

UNITED NATIONS: U.N. Radio, 6065/15415 kc/s w/UN card and info in up to 3 weeks.

(Pyatt, Ga; Macken, Mass; Cohen, Conn; Spieler, N.Y; Rodau, N.Y.) bc over VOA (GAC)

U.S.A. VOA, Greenville, 9670 kc/s sent card in 4-5 weeks from Washington. Regular card showing polar projection map of the world inside a star, w/blue background. V/S: W.E. Dulin; stamp sent but returned (Barman, Illinois; Beggs, N.B) for 15205, letter w/all complete data, transmitter location, beam direction and tx power via 1st class mail. V/S: G. Jacobs. (Michalenska, R.I.) !! (GAC)

WINB, Red Lion, Pennsylvania, 11795/17720 w/usual card, sked and pocket calendar from the Rev. John Norris. Full data. Averaging 1-2 weeks (Wood, Hawaii; Galo, Vt; Mochizuki, Hawaii; Mraz, Pennsylvania; Brown, Michigan, Anthony, Connecticut)

WNYW, NYC, w/card for 21530 in 1 week. IRC sent (Spieler, New York)

URUGUAY: S.O.D.R.E., Montevideo verified w/card and sked in 3-9 months. For 9622 kc/s, a specific detailed confirmation text typed in. First true verie I've seen from this station. V/S: Oscar Chiappe, Director Técnico; by airmail. IRCs sent (Wood, Hawaii; Colapietro, New York)

UZBEK S.S.R. Radio Tashkent verified by card from Mrs. Markhamat Tadjieva. Card is blue w/Chimes Tower in Tashkent shown in yellow and an outline of USSR in white. New Year's card also rec'd and a letter saying my rpt to Hanoi had been forwarded. 9600 kc/s (Wood, Hawaii; Churchill, California; M. Kamp, Texas) 11925 kc (Seigle, Kentucky) 1 month via Moscow airmail after f/up (M. Kamp, Texas).

VATICAN: Radio Vaticana, 15135 kc/s card/sked in 2 wks airmail. (Mochizuki, Hawaii)

VENEZUELA: Radio Continente, 5030 kc/s w/card showing xmtr photo in 3 months airmail. IRCs; date only given (S. Kamp, Texas)

Radio Juventud, 4900 kc/s sends card airmail in 1 month. (Flynn, California)

Radio Lara, Barquimeto, 4800 kc/s w/card, date only and states wrong freq. by airmail in 2 weeks. (Wood, Hawaii)

Radio Universo, 4880, card (date only) and gives wrong freq; 1 mo (Wood)

QSL OF THE MONTH

presents

LETTLANDS RADIO, RIGA

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RIGA-LETTLANDS-SSR-BOX266

Indeed a rare station, the Latvian Radio is not often heard in the Western Hemisphere and when it is, it is more often on the Broadcast Band. But They are occasionally heard and this month Bill Sparks reports receiving a QSL from them for 7140 kc/s. Riga is generally very friendly and will send card, pennant, letter and often p/cards of Latvia. Christmas time usually brings a New Years Greeting Card too.

And now, in closing, I remind you that all your reports, comments and suggestions are greatly welcomed and appreciated. The deadline for your reports to reach me is the 15th of each month and I look forward to hearing from each and every one of you.

Until next month, best DX and loads of QSLs to 'ya, 73s, GREGG



LOG REPORT

DEL HIRST, EDITOR
202 BIRCH STREET
SNYDER, TEXAS 79549

Deadline 15th of Month

All GMT unless noted

- 26080 ENGLAND BBC w/WS around 1130, fair (Padula)
 25900 NORWAY R. Norway 1600-1634 Eng, 2/4; sig. 75db/luv (with SF600JX) (Mayo)
 25790 S. AFRICA R. RSA 1700-1750 Eng to Egypt/Libya/Jordan. 1800-1850 Eng to C. Afr.,
 both //21535 (Rowell) s/on swahili 1500 (5 AM local) (Wood) *Hawaiian Time
 25730 NORWAY R. Norway s/on w/IDs, into Norsk 1100//25900 (Padula) Eng nx 1600 (Richardson)
 25720 ENGLAND BBC w/World Ser. around 1100, good lvl (Padula)
 25670 ENGLAND BBC w/Afr. Ser. in Eng, s/off 1100 (Padula)
 25650 ENGLAND BBC, // to 25720 (Padula)
 25610 HOLLAND 1700-1715, Eng. Eur. Review (Rowell)
 21730 NORWAY R. Norway, 1630 w/ID and s/off, excel. sig. (Mitchell)
 21685 E. PAKISTAN R. Pakistan, Dacca, Pakastani mx 0720 (Wood)
 21655 NORWAY R. Norway 1900-2030 Eng on Sun; no weak 10 Kf (Berghammer)
 21645 FRANCE ORTF 1230-1300, 1800 Fr; S9-40db, new sked; //21620 (Berghammer)
 21620 FRANCE ORTF //21645 1815 Fr. to Afr., new sked (Berghammer) but not in sked (Ed.)
 21600 E. GERMANY RBI 1045-1130 Swahili to E. Afr; from 21585 (Berghammer)
 21585 E. GERMANY RBI 2100 w/pop mx & ID; s/off 2140 (Mitchell)
 21585 EGYPT Cairo, in Arabic 1800-1900 not //17920 or 15090 (Balbi) 1715-1900 to C.
 Afr. in Congo langs; hrd 1800 Sindebele, S4 (Berghammer)
 21585 AFGHANISTAN 1200-1300, Pushtu/Dari to Eur, sked //15270 not hrd (Berghammer)
 21585 SWEDEN R. Sweden, R&R to ENA, 1415-1430 (Baines) Feb. 12 this changes to 17770 (Ed)
 21580 FRANCE ORTF, Paris in Eng to Asia 1300 (Baines)
 21565 UKRAINE Lvov (list) USSR HS, 1630 Russian (Berghammer)
 21525 FRANCE 1530, ORTF, Paris w/ID, into Fr. pgm (Padula) New time? (Ed.)
 21500 CONGO REP. ORTF, Brazzaville relay Paris; Y. nx, comment Eng, 1300 (Richardson)
 21490 VATICAN Vatican R. new freq. for Eng to ANZ 1130-1150; move from 21485 (Padula)
 21470 ENGLAND BBC, WS nx 1500 (3 AM local time) (Wood)
 17945 PAKISTAN (W.) WRTN/68 gives this freq; I reported 17950 last month (Acken)
 17902A CHINA R. Peking, 0250, 0257 close 2nd. Pgm. to ECHIA, many freq given (Palmer)
 17902.28, Eng C105 nx; sig. 60db/luv, but fluttery (Mayo)
 17890 TAIWAN Taipei, V. of Free China, Eng 0302 to 0325 f/o; gets thru (Palmer)
 17875 BRAZIL R. Ministério de Educação, orch. concert 0100 (Wood)
 17870 AUSTRALIA ABC, Eng nx to Asia 0025, QM (Poulis)
 17860 BELGIUM B.R.T., ending Fr. to Afr. 1900 (Wood)
 17850 FRANCE ORTF, s/on, time-check 1900 (Wood)
 17845 ROMANIA Bucharest w/Eng for Afr? 0630-0700 on top of DM. New pgm, not listed
 WRTN/68; this outlet only one ancd. by sta; good lvl (Padula)
 17840 AUSTRALIA ABC W. Ser. 0100-0300 w/DXers Calling, 0215 Mon. GT (Hirst)
 17825 NORWAY NRK, Norwegian talk 1800 (Wood)
 17805 S. AFRICA 2100, R. RSA w/Eng nx //21535 (Ferguson) DX pgm 2125, foll. by lang lx
 (Macken) IS 2150 (Palmer) Eng s/off 0020 (Raylesberg)
 17800 INDIA AIR, Delhi w/nx in Eng. 0800 (Padula)
 17800 SWEDEN Radio Sweden, Russian to 0900 //15240 (Padula)
 17800 SWITZERLAND SBC, 1515 DX pgm (Pollak) W. erry-go-round (Ed.)
 17790 S. AFRICA R. RSA 1900, nx broadcast (Pollak) Fr. pgm 1800-1855 good lvl (Padula)

- 17785 JAPAN NHK, C100 s/on Sp. to LA, lt. GRM (Mitchell)
 17775 USSR Yerevan, 0327 Eng nx 3 min. (Donegan)SFE relay; Armenia not list above 15310. Khabarovsk lists here FBIS and WRTM/68 (Ed.)
 17765 RWANDA D-W Relay, Kigali, Eng to 1745, then Fr. (Cohen)
 17742 GREECE NBI, Athens, 2000 Greek; loud het. de BBC, down 2 Hx (Berghammer)
 17740 ITALY RAI, Rome new freq, s/on 1430 w/bird, etc, into Italian (Padula)
 17730 VATICAN Vatican R., Port. nx to Afr. 1830 (Wood)
 17720 TAIWAN V. of Free China, Taipei, w/ID 0204, Eng to NA (Barman)
 17715 AUSTRALIA ABC 2315-0015 Fr. to SEAsia; sta. underneath may be SEARV (Berghammer)
 17715 PHILIPPINES SEARV w/ID & addr. 2330; sked to 0130; 1100-1300 15420 (Mochizuki)
 17680 CHINA Peking w/Eng to ECNA 0100-0300//17900, 15060, 11945; also hrd 0000 on 17680. Hrd to WCNA 0300-0500//15095, 11945, 9457, irr. 11890 (Balbi) Strong at 0030 (Fogel)
 17655 EGYPT Cairo Eng nx 1800, hrd some days (Balbi)
 16320 N. KOREA Pyongyang weak to strong but fluttery, 0135A; Pueblo crisis (Dexter)
 16312.5 N. KOREA R. Pyongyang, usual ID Sp, usual prop., 2325-2345; runs up and down the band (Miblack)
 15460 USSR (Eur., R. Moscow in lang 1800 (Baines)
 15445 CONGO REP. ONTF, Brazzaville 0600 IS, s/on, relay Fr. nx (Mitchell)
 15445 LIBERIA VOA/Monrovia, pop nx 1715//17075 which is stronger (Jamison)
 15443 BRAZIL R. Nac. Brasilia, full ID 0330 (Wood)
 15440 PHILIPPINES FEBC, Manila w/rel. pgs to 0100 in lang, Eng. ID. An antenna adjustment, then returned stronger in Eng. (Miblack) 0045 w/Indian ser. (Shaw)
 15435A CHINA Peking s/on Fuss(?) at 0308 (Poulis) List 15435V (Ed.)
 15435 MALAYSIA BBC Far East Relay Sta. closing w/Eng lx 0045 (Poulis) Tebrau xmtr site
 15430 S. KOREA Seoul VOFK, NA Ser. 0300-0400 (Grekar) Korean game 0325 (Poulis) S9 at 0230 Sp. pgs, ID Eng (Mitchell) 0300 Eng. (Donegan)
 15428A S. KOREA VOFK, 0300 Eng to NA; 1/9, measured 15427.926; 1/10 measured 15428.696 (Mayo)
 15425 AUSTRALIA Perth, begin nx 0100 (Poulis) VLX15, 0500 comment (Mitchell) 0630 w/ soccer (Mochizuki)
 15420 PHILIPPINES SEARV, test to Thailand in Eng/Thai, requesting reports, 2330-0130 (Wood) This came out 15320 in Feb. sorry, Dick (Ed.) Back after storm (Mochizuki)
 15415 EGYPT Cairo w/Arabic nx around 0740, quite good (Padula) app. new freq. (Ed.)
 15410 AUSTRIA OR, Vienna 0800 Arabic to IE, also G/F/L, odd-numbered day; sked changes for even no. day (Berghammer).
 15385 CHINA Peking, LA ser. in Sp., s/on 0100 (Wood)
 15385 PHILIPPINES FEBC 0029 s/off, fading out, after hwn & YL ID Eng (Poulis) 0015, big sound; fast fade pulse (Shaw)
 15380 FRANCE ONTF, Paris w/new freq; nx in Fr. 1900, nx in Eng. 1915 (Padula)
 15360 LIBERIA 1800, VOA/ onrovia to 1830 in Eng (Mitchell)
 15360 S. AFRICA R. RSA, IS and Eng ID, then pgs in Port. to Angola, 2050 IS (Palmer)
 15350 LEBANON Beirut w/Eng nx 1900, IDs 1905, Arabic 1906; still ann. 15180 (Padula)
 15350 LUXEMBOURG YL w/Fr, pops; def. ID 1730, nx 1800; weak, into clear 1729 (Shaw)
 15345 ARGENTINA LRA, R. Nacional chamber nx & ID 2045 (Sparks)
 15345 TAIWAN Taipei again audible in this part of the country, 0215 chks. (Miblack)
 15340 PAKISTAN 1945-2030, Karachi in Eng, 2/3 (Howell)
 15335 BRAZIL R. Soc. Farrroupilha, Porto Alegre, Braz. nx 2055 (Wood)
 15335 PAKISTAN R. Pakistan, Karachi w/Indian nx 0300 (Mochizuki) IDing between nx sel. 0328 (Poulis)
 15325 PAKISTAN R. Pakistan, Karachi 1400 s/on Bengali to E. Pak. //17680 (Berghammer)
 15315 MOROCCO VOA/Tangier, s/off 2000 w/ID (Poulis)
 15315 PAKISTAN Lxt. Ser. 1045 s/on hrd, sked //11745, Hindi/Tamil/Eng. (Berghammer)
 15310 BULGARIA Sofia, playing folk mx 1955 (Poulis)
 15310 GUINEA Conakry after Prague s/off 0600 w/chants, Fr; hrd past sked s/off 0830 some days (Padula) Caught freq. anns in Fr. 0601, maybe s/on (first) 100 Hz, over Prague 0730 w/drums (Berghammer)

- 15305 USSR (Eur.) Leningrad, w/local ID "Govorit Leningrad" at 0800, 1/29 (Padula)
 15300 JAPAN NHK, 2400 s/on Eng, nx, S9 (Mitchell) 0315 end Eng nx, into Jap. (Hacken)
 15290 ARGENTINA LRU, R. El Mundo, noted s/on some days 0800, blocked by AIR 0845 in Indonesian. Has LRU upped power (Padula)
 15290 NETH. ANTILLES TWR, Bonaire 0030 Greek, 0100 Russ., Sun. (Balbi)
 15290 PHILIPPINES VOA/Para, s/off 0000 (Wood)
 15290 SYRIA Damascus, new freq, w/Arabic at 1905A, fades out 2100 (Padula)
 15285 CZECHOSLOVAKIA R. Prague, s/on Swahili 1500 (Wood)
 15255 NIGERIA V. of Nigeria Afr/tunes, 1730, Eng. (Mochizuki) 1700-1900 (Howell) Eng nx 1500 (Wood) Eng nx 1800 (Donegan)
 15250A INDIA AIR Delhi hrd s/off in Eng 0145, good sig. (Poulis) List 15245 (Ed.)
 15245 BRAZIL R. Parajoara, Belém, commercials 1950 (Wood)
 15245 CONGO D.R. Kinshasa 0000-0030, new freq, measured; Fr. variety, sud lvl, het. (Niblack) Str. at 0620 w/Afr rhythms, FL ann. Fr. (Hirst) 1600-2400 s/off reg; irr. hrd 0600-0815 Fr; nx 0700, strong (Balbi)
 15245 S. AFRICA R. RSA 2030-2125 Ger. to Eur. //11875 (Berghammer)
 15240 SWEDEN Sveriges Radio, s/on in Fr. 1500 (Wood)
 15235 ASCENSION IS. s/on 0400 strong, w/BBC W.nx (Balbi) IS 0358 (Stuart) Sked change (Ed.)
 15225 BRAZIL Rádio Cultura da Bahia, Salvador, full ID 0025 (Wood)
 15220 S. AFRICA R. RSA 0400-0412 Zulu/Swahili to C. afr. //17805, 11900, 9525 (Howell) 17805 repl. 7270 (Ed.) S/on, Eng nx 0430 to ME (Getman)
 15210 AUSTRALIA 1830, Arab/Ger/Fr/Eng to ME, //9610 (hrd) odd dates only (Berghammer)
 15190 CONGO REP. Brazz. ORTF, 1751 Fr lang, nat. nx (Donegan) 1729 s/on Fr. (Hagerman)
 15185 INDIA AIR, Delhi w/IS 0345, lang (Poulis)
 15180 GRENADA TBS 2015-2140 s/off, nx & mx (Goldman)
 15175 INDIA AIR COS 1345 Eng to SL, //11610, from 15240; QRM Cairo (Berghammer)
 15165 BRAZIL 2135 R. Ol. Ceará, Portuguese, soft ballads, ads for codfish (Hirst)
 15165 CHINA R. Peking at 0305, new freq, in Eng. (Niblack) 0300, n.f., //regulars (Wood)
 15165 PHILIPPINES VOA/Para, 2350 w/Eng to ME; fluttery polar sig. (Henderson)
 15165 SYRIA Damascus thru QRM mess end nx 1640 (Hacken) 2/11, vr strong, from Eng nx 1635, to s/off Eng w/full ID 1727; s/on Fr. 1730; slight het. (Hirst)
 15160 SAUDI ARABIA Jidda, 1800-2225, Arabic, 2/5 (Howell)
 15160 FRANCE ORTF s/on Fr. 1530 (Orekar) 1700 Fr. lang (Donegan)
 15155 FINLAND Pori s/on 2300, Eng nx to 2315 (Orekar)
 15155 NIGERIA Lagos irr. hrd 0630, Eng nx 0700, ID "Voice of Nigeria" (Balbi)
 15150 SAUDI ARABIA Jidda 1730-2248, Arabic, 2/3 (Howell) Back here, 1800, 2/12; irr. hrd. 0600-0700 (Balbi)
 15140 ASCENSION IS. BBC S. Atlantic Relat Sta. w/complete ID 2200 s/on (Mochizuki)
 15135 EGYPT R. Cairo Arabic to W. Afr. 2045-2145 (Berghammer)
 15135 IRAN R. Iran, Tehran, s/on in Eng. 2000 //11729 (Wood)
 15135 VATICAN Vatican R., IS, s/on Arabic 1900 (Mitchell) Arabic 1600, 1615 Fr. //11700, strong signal (Balbi)
 15130 FRANCE ORTF, Paris, 1900 anthem, s/on, nx (Mitchell) Not on latest sked (Ed.)
 15125 BRAZIL R. Soc. de Bahia 2215 sports event; ancr. is durable (Hacken)
 15125 THAI VQFC, Eng talk on family planning 0340 (Poulis) 0200 s/on, nx in Eng. (Mitchell)
 15125 TAIWAN R. Liberty, Taipei, interval signal, Russian 1310 (Wood)
 15120 FRANCE ORTF 1940 t/i, speech in Fr. to 2002 s/off, anthem & L; past sked (Hirst)
 15120 NIGERIA R. Nigeria, NA ser, s/off 2200 (Cohen) 2100 Eng nx (Barman) 2200 Eng nx (Goldman)
 15120 VATICAN Vatican R., Eng to Europe; nx 1500 (Wood)
 15115 SENEGAL Dakar, 1800 Fr, nx; QRM XERR 15110 (Donegan) Tent., 2000 (Goldman)
 15110 N. ZEALAND ZL21, 0530 ID, piano recital, S5 (Mitchell)
 15090 EGYPT 1730, R. Cairo, Arabic (Howell)
 15083 GLENDETHIE R. Euzkadi, nx, noticias, ID, 2311 s/off, 2/4 (Parks) 15082.73, 2130 Eng ID; good sig; 1/28 (Lavo)
 15080 INDIA AIR, Delhi end Eng to E. afr. after nx & Freq. annt. 1943 (Poulis)

- 15080 INDIA AIR, Delhi Eng & lang, 1730-1945(Rowell)Eng nx 1845, wk(Balbi)1906, R. Euzkadi jammer on QRMing AIR!(Macken)
- 15060 CHINA R. Peking Eng 0230, Mao, Mao(Chaffee)//17680, 0000, Mao, Mao(Barman)
- 15060 CLANDESTINE R. Euzkadi, Sp/Basque/Eng ID s/on 2230-2300 s/off (Goldman)
- 15050 CLANDESTINE R. Libertad s/off 0402 Sp/Eng ID, addresses;overmod.(Berghammer)
- 15020 N. VIETNAM R. Hanoi 0400 Vietnamese, wk, usually better 1400 (Berghammer)
- 12040 ENGLAND BBC Arabic Ser "Houna London" s/on 0345 (Raylesberg)
- 11970 GRENADA WIBS, s/off w/prayer after Eng pgm 0215(Orekar)Nitely, mx, nx, 2315-0015(Pyatt) BBC Quiz Show til 0100(Getman) 0215 s/off(Fogel)(S.Wood)
- 11950 LIBERIA ELWA, Monrovia relay BBC WS nx 0700(Wood)0843, new IS, s/on 0845, too weak to ID lang(Finigan)
- 11950 SAUDI ARABIA 0340, Jidda in Arabic (Rowell) 1904 Ar. mx, QRM/VOA (Hagerman)
- 11940 JAPAN NHK, Tokyo SEAsian Svc, nx in Vietnamese 1325 (Haitani)
- 11935 PORTUGAL R. Portugal, Lisbon, w/R. Safari 0215 every 4th Mon. (Pollak)
- 11930 CONGO REP. 1730, Brazzaville s/on w/Fr (Orekar) //15190;1900 QRM Cuba (Balbi)
- 11925 UZBEK SSR Tashkent, Eng 1200-1230//9600, but better; unusual IS w/cello(Pistek)
- 11920 ETHIOPIA ETLF testing at 0345 w/rel, asks for reports on new freq(Hiblack) Anncl. "preparatory pgmg" prior to reg sked, 0435 (Poulis)
- 11920 IVORY COAST R. Abidjan w/local songs (O&CO?Ed.) squeezed; also 2330A similar format(Padula) S/on 1800 Fr(Orekar) Also Fr nx 0800; to 0915 Sun.(Balbi) 1026 QRM by FEBC s/on Japanese (Graham)
- 11920 PHILIPPINES FEBC ID in Eng after lang at 1400, poor(Poulis)1200 rel. pgm(Has)
- 11910 THAILAND Bangkok s/on 0930 Eng/Thai "for Thai Forces". Eng pgm 1030-1100(Pistek)
- 11905 RWANDA Deutsche Welle Relay 0545-0530 good sig to Afr w/Eng (Williams)
- 11900 S. AFRICA R. RSA begin Eng for Malawi/Zambia/Rhodesia at 1600 (Macken)
- 11890 CHINA R. Peking w/fair sig in Eng from 0400, new (Williams)
- *11885 S. AFRICA R. RSA new freq for Port 2230-2325, ex-11785, 1/29 (Padula)
- 11880 AUSTRALIA ABC, beg. "Six Focus" in Eng, 1010(Poulis)Good listening 1400(Shaw)
- 11880 MEXICO XEHH vy str at s/off when ID given (Padula)
- 11875 JAPAN NHK, Tokyo, SEAsian Svc, s/on 1015, nx in Eng(Haitani)//9675 (Ed.)
- 11875 PAKISTAN R. Pakistan Ext. Ser 1335-1350 Eng to IE//17942 hrd; //15405, 21590 (not hrd) (Berghammer)
- *11866 CONGO D.R. R. Lubumbashi 1750 Fr w/Cong. rx; OK to Cuba s/on (Berghammer)
- 11875 S. AFRICA R. RSA, Nx in Eng, 0030(Baines) Bad QRM (Fenna) 0230 good (Fogel) Hist. of S. Afr b'castg. 0256, 2/1 (Jacobson)
- 11865 ASCENSION IS. BBC Relay WS fine sig, s/off 0330; //15140 esp. pwful(Palmer) Sked change (Ed.)
- 11865 BRAZIL 0330 s/off of Ascension Is. revealed R. Cl. Pernambuco w/sports event (Hirst)
- 11865 CONGO DEL REP 1800-2158, Lubumbashi, Folk Tx, Fr (Rowell) Fr ID 1830; Eng ID 1907 (Sparks)
- 11860 ASCENSION IS. BBC 0545; tlc of ionos. condx affecting rxn (Mochizuki)
- 11860 NORWAY New freq for R. Norway noted w/Norsk 2100-2230 //11850 (Padula)
- 11860 USSR (As.) Khabarovsk relay Moscow Chinese 2330 (Wood)
- 11855 ALBANIA (Tent.) Tirana w/Eng tlc on Vietnam 1550 (Poulis)
- 11855 PHILIPPINES FEBC, Eng ID, into Russ 1000 (Poulis)
- 11855 SAUDI ARABIA 2145, Arabic pgmg (Orekar)Jidda, 1830-2215(Rowell)ID2045(Cohen)
- 11850 GHANA R. Ghana to NI, s/on 2000 in Eng w/nx (Goldman)
- 11850 INDIA AIR, Delhi, sitar rx, better than Vladivostok, 11850, 0630 (Wood)
- 11850 USSR (As.) (Not Armenia)Vladivostok relay Erevan to NI 0340(Wood)
- 11840 ASCENSION IS. BBC Afr relay, 1730 Eng (Mochizuki)World Ser to Afr (Ed.)
- 11840 N. VIETNAM Hanoi boomed in w/10 min Eng nx 1530, then disappeared(Poulis) Viet. dictation rx, unusual time, 0155 (Wood)
- 11840 POLAND R. Warsaw 0700 Polish to IE //9675 (Berghammer)
- 11837 WHITE La Voix Evangelique, still drifting, Eng rel 0130 (Wood)
- 11835 CEYLON VOA/Colombo, (relay by R. Ceylon 35 W)clear 0230; //7275 not hrd (Berghammer)Low lvl, QRM, 1530-1600 lost (Shaw)

- 11835 HAITI AVEJ open w/Eng ID, then Sp, 0958 (Poulis)
- 11825 TAHITI Papeete, Poly. mx after tlk, 0440; QRM VOA; 1st hrd this year (Poulis)
- 11820 NETH. ANTILLES TWR end DX session lng, 0123; under Peking Sp.(Poulis) Eng., mixed w/BBC(Ascension;Ed.) RBI, 0045(Wood) 0030 Eng nx to FE (Balbi)
- 11820 CHINA R. Peking, 0300 Eng, hvy QRM BBC, poor (Hagerman)
- 11815 BRAZIL R. Brasil Central, Goiania, s/on, full ID 0943 (Wood)
- 11810 AUSTRALIA R. Australia, nx, nx, DX Pgm in Japanese, 1000-1100; quoted from Jan. "Frendx", 1/21 (Haitani)
- 11807 FRANCE ORTF, Paris testing 1800-1830, ID 6 langs; Cairo 2Kc down (Berghammer)
- 11805 FRANCE ORTF 2120 w/nx, comment(Mienna) New sked has this only 1845-1930 (Ed.)
- 11799 CANARY IS. RBE, Tenerife, drifting, Sp. songs 0045 (Wood)
- 11795 BRAZIL R. Mac. do Rio de Janeiro, 2250-0005, QRM D-M same freq after 0000 (Palmer)List PRL3, WRTN/67; PRL9 in WRTN/68; listed inactive in FBIS (Ed.)
- 11785 LEBANON 0130-0400, Beirut to NA; Eng 0230(Rowell)0209 Arabic mx(Ferguson)Good 0230, barely audible 0250(Fogel) Strong (S.Kamp)
- 11785 IRAQ 0400, Baghdad, all Arabic (Rowell)
- 11780 JAPAN NHK, Tokyo, S.E. Asian Svc, nx in Viet. 1325(Haitani)//11940, 9525 (Ed.)
11778. MOZAMBIQUE L-M Radio, alt. Eng/lang, w/ID 0500; QRM(Poulis) 0430 Eng pops Breville)Afrik/Eng Cml. Ser 0426(Ferguson)E. bands & ID 0400(Macken)
- 11775 USSR (Eur) Kursk (listed), s/on R'stantsiya Rodina 2000 (Wood)
- 11770 INDONESIA BRI Djakarta w/Indonesian pgm around 2330 (Padula)
- 11765 BRAZIL Rádio Tupi, Rio, Braz. mx 0900 (Wood)
- 11765 EGYPT 0300, R. Cairo, all Arabic (Rowell)
- 11762 N. KOREA 2200, R. Pyongyang in Chinese(Rowell) To LA in good Sp, 0100(Wood) Korean 0020 (Silverstein)
- 11760 N. VIETNAM Hanoi, 1530 Eng; after ID, relay Eng pgm of Pyongyang incl. IS & ID; ann. this relay hrd every Tues & Fri (Sparks) Good 1530 w/ID, nx (Mienna)
- 11760 VATICAN Vatican R. to Canada/US in Eng, 0030 (Baines)
- 11754 CUBA Havana, drifting, nominally 11760, "Guantanamo" 0155 (Wood)
- 11753 N. VIETNAM Hanoi, 1530 Eng; (tnx to Balbi)(Baines)
- 11750 AUSTRIA 1800 s/on usual ID, hrd to 1900 (Balbi)
- 11743 CHILE Em. Nuevo Mundo, Santiago, Eur pops 0315 (Wood)
- 11740 MEXICO La Charrita del Cuadrante, México, ad "Buena Vista" 0045 (Wood)
- 11740 VATICAN CITY Vatican R., Latin ID 2000 (Wood)Latin prayer pgm 2000(Cohen)
- 11735 NORWAY HS relay at around 2345(Padula)0300 Norsk; ID Eng(Fogel)0300-0345 Norsk sport, local nx (Chaffee)
- 11735 S. AFRICA S.B.C, 0430 open, 0450 audible carrier;s/on 0500 Afrik.//9570(Mochizuki)
- 11730 HOLLAND 2030-2050, R. Nederland, Eng to Eur(Rowell)Lappy Sta 1900-2020(Pollak)
11730. IRAN Teheran (tent.)in Eng w/symphony nx 2013; clobbered by Ned. (Poulis)
- 11729 IRAN Teheran, s/on in Eng. 2000 (Wood)
- 11725 CANADA CBC, SW Club 2315, 1/20 (Pollak) Sat.,//15190, 9625 (Ed.)
- 11725 CONGO REP. ORTF, Brazz. & Paris IS 0500 s/on; only Paris IS 0515; Fr. nx 0500, Eng nx 0515(Silverstein)0500 Fr. to L. Afr/alagasy, Eng nx 0515 (Finigan)
- 11720 BRAZIL R. Mac. Brasilia, Portuguese nx 2330 (Laylesberg)
11720. CHINA Peking, reg. Eng garbage at 0100//11945 (Poulis)
- 11715 BELGIUM B.R.T., nx in Kikongo 1820 (Wood)
- 11715 NETH. ANTILLES TWR w/Eng ID then rxn to Eur.(Finigan)
- 11710 ARGENTINA R. Nacional in Eng 2330, s/off 2345 (Baines)
- 11710 AUSTRALIA R. Australia 1230 w/nx, mx, commentary (Mas)Mailbag 1245 (Baines)
- 11708 INDONESIA V. of Indonesia, Djakarta, Eng nx 1915 (Wood)
- 11705 N. ZEALAND R.N.Z., summary of pgms at 1030; weak (Poulis)
- 11700 CLERMONTHE Sautu as Shaab al Iraqui, Arabic oratory 1315 (Wood)
- 11700 GREEN.D. WIBC at 2015-2130 vy str, best lvl hrd(Padula) from 2050 tuning w/ cricket match, to Br. Is. (Miblack)
- 11700 MONACO TWR, 1810 w/Eng ID, into Arabic (Mochizuki)
- 11655 EGYPT Cairo, V. of Arabs, Arabic 2105 (Cohen)
- 11620 INDL. AIR GOS 2015 Eng to Eur sked 1 5-2230//9912 (covered)7215(Berghammer)

- 11600 CHINA R. Peking, hrd w/Sp. 0050 (Getman)
- 11590 CHINA R. Peking, from 11600, 1030 Indonesian, str; sked to 1130 (Berghammer)
- 11290 CHINA R. Peking, presumably, in Chinese 0240, excel. lvl(Dexter) Listed (Ed.)
- 10885 MONGOLIA Ulan Bator, W. talk Mongol, 1510, weak sig, hvy CW/QRM; 2/7 (Sparks)
- 10530 KAZAKH SSR Alma Ata, 1500 Russ.pgm, powerful sigs.(Sparks)
- 9965 CHINA R. Peking 1330, IS & s/on Chinese, powerful (Litchell)
- 9915 INDIA All India Radio, 10 min. nx in Eng, then comment, 2200 (Baines)
- 9855 CHINA R. Peking, 0015 Hakka (Chin.) sked 0000-0030(Berghammer) Down 5 (Ed.)
- 9840 N. VIETNAM Hanoi Eng nx 1530//11840 weak; //11753 fair, s/off 1555 (Balbi)
- 9790 EGYPT Cairo 0512 w/Arab vocals (Ferguson)
- 9779.5 CHINA R. Peking (measured) in Eng 0330; new freq(Niblack)9780 at 0120 w/usual in Eng.(Ferguson)0300-0355 to ENA, better than ENA beam (Barman)
- 9775 CONGO D.R. Kinshasa 2055-2030 QRM'd; instr. jazz, Fr. ancrs(Graham)RTVIC 0500 Fr., Parisian mx; bad RTTY (Berghammer)
- 9770 AUSTRIA 0355 hrd w/ID, s/off; seldom audible due QRM;(Balbi) Wkly report on Arts 0000-0015 (Baines)
- 9760 N. VIETNAM Hanoi, 1321, Eng. jazz mx, fair (Rageman)
- 9755 FRANCE ORTF, Paris 0000-0030 Fr. to L.//11845, 17730(Berghammer) Also 15245(Ed.) 0030 into Sp. (Fogel)
- 9748 VENEZUELA R. Occidente, Tovar, s/off w/anthem 0200 (Wood)
- 9745 TURKEY R. Ankara 1830-1830 Arabic to ME; fighting R. Cali (Berghammer)
- 9745 MALI Bamako, West African rhythms 1840 (Wood)
- 9740 ARGENTINA R. Splendid, B. Aires, local mx, 1000 (Wood)
- 9740 PORTUGAL EN at 2100 w/full ID, s/off, seemingly new freq; seems to me, tho, they used this freq. before (Niblack) 1966 (Ed.)
- 9725 ISRAEL 1645 Kol Israel w/IDs (Orekar) 0430-0445 only, Yiddish(Rowell)2115-2130 Eng; excel. last 2 Fri. (Fogel)
- 9715 PHILIPPINES PLEBC, Manila 1215 Cambodian; under R. Tropical (Berghammer)
- 9712 PERU R. Tropical closing at 0400, full ID, all Sp.(Niblack) ID 0130 (Wood)
- 9708 ARGENTINA R. El Mundo, B. Aires, ID 0200 (Wood)
- 9705 NIGER Sun. sked, 0700 s/on, into Afr. mx, Fr. ancrs;RFE same channel(Padula)
- 9700 BULGARIA Sofia, DX pgm 0015 Fri. (Pollak)
- 9685 ALGERIA 0630-0830, R. Alger in Babyl; later on Sun.(Rowell)Babyl mx 0700 (Wood)
- 9675 BRAZIL R. Diário da Manhã, 0915 Port., time, v.g. (Rageman)
- 9675 JAPAN NHK ending Eng, into Viet(?) at 1045 (Poulis)
- 9660 BILORUSSIA (?) Minsk listed ITU; Moscow M. ser. 0545(Dexter)
- 9655 PERU R. Nor-Peruana, Chachapoyas, ID 0200 (Wood) Call 0490 in WETA/68 (Ed.)
- 9655 POLAND Polish R., Warsaw, 0330 after WOL/Gr. s/off; Eng to H.; bad het(Darman) Will move to 11870 3/1 to 4/20; 0315 s/on, Sat. only (Silverstein)
- 9645 VATICAN Vatican R. 0915 w/new Russ. xasn after IDs(Padula)Eng to Eur 1815(Wood)
- 9640 S. KOREA (Pent.) Seoul, Eng, but unuseable at 1048 (Poulis)
- 9635 THAILAND N.B.S. Bangkok, Thai pops 1115 (Wood)
- 9630 INDIA AIR, Delhi, Indian songs, 0145 (Wood)
- 9625 PERU R. Atlántida, Iquitos, political speech 0250 (Wood)
- 9621 URUGUAY CXL6, SODRE, nearly nitely, Sp. around 0250; s/off 0256. on one chk. Russian on low side rides them (Niblack)
- 9620 YUGOSLAVIA R. Beograd 2315 s/on Fr. nx, seldom used freq, brilliant lvl(Niblack)
- 9620 USSR (Eur.) Ann. as R. Kiev, IS & ID in lingo 2230; not listed here, only Moscow; maybe relay (Niblack)
- 9615 BELGIUM BRT, s/off 0100 (Wood)
- 9610 AUSTRALIA Perth booring in w/local nx 1110(Poulis)Rel. tlk 1315-1330 (Baines)
- 9605 GREECE NBI, Athens, 2200 Fr. nx, //11720 not hrd (Berghammer)
- 9605 NETH. ANTILLES TR, Bonaire, Sp. rel. 2330 (Wood)
- 9600 UZBEK SSR Tashkent w/Eng talk on carpets 1214. (Poulis) Ex, mx & comm. in Eng. (Chaffee) 1230 Tashkent IS, s/on Urdu (Finigan)
- 9589.5 CHILE R. residente Balmaceda, Santiago ID 0400, het-Bonaire 9590 (Wood)
- 9585 BRAZIL Rádio Excelsior, São Paulo, Port talk 0840 (Wood)

- 9585 FINLAND 0130-0300 to NA; QRM BBC 9580 & Bonaire 9590; acc. to o'seas source will drop Eng end of Feb. (Balbi)
- 585 INDONESIA Djakarta IDing "This is the Voice of Indonesia" 1445; not good (Poulis)
- 9580 AUSTRALIA ABC end Eng nx to Asia 1212 (Poulis) 1000-1100 incl. DX pgm in Japanese (Haitani) //11810 (Ed.)
- 9575 INDIA AIR Delhi, 1530 Eng; noisy but good (Donegan)
- 9570 AUSTRALIA R. Australia Gen Asian Ser in Eng 1200 (Finigan)
- 9570 S. AFRICA Radio S. Afr. (not R. RSA) Cm. Ser, rpt. for Transvaal, etc, 0510, new freq (Niblack) SNA Ser, 100 Kw. (Ed.)
- 9565 BRAZIL Rádio Jornal do Comércio, Recife, nx 2000 (Wood)
- 9560A BULGARIA Sofia, Bulgarian Greeks sending greetings to Old Country 0625 (Poulis)
- 9560 JAPAN NHK, GOS w/Eng nx & QRM 1805 (Poulis) 1800 Eng nx//9605 QRM (Hagerman)
- 9555 IRAQ 1500 Baghdad w/ID & town hall clock w/hour; str. w/Arabic pgmg (Oreka)
- 0545 CHINA Peking, Mao tlk in German 1840 (Wood)
- 9545 GHANA R. Ghana, Accra, nx to 2200, on Sun (Palmer) 2128, Eng (Hagerman) Dly (Ed.)
- 9540 CONGO D.R. R. Lubumbashi in Fr at 0430; good lvl (Dexter)
- 9532 PERU R. Nacional, Tacna, classical mx, 0200 (Wood)
- 9520 SPAIN R. Liberty, Playa de Pals, Turkestani 2200-0100 (Berghammer)
- 9515 TURKEY Ankara, Turkish songs 1730 (Wood) S/off 2145 in Turkish (Cohen)
- 9513+ ALBANIA R. Tirana 0636, meas. 9513.56, Eng; 0655 s/off (Mayo)
- 9510 ALBANIA Tirana start Eng nx 0635, loud & clear (Poulis)
- 9510 ALGERIA Algiers Radio 0730 Fr nx //6080, latter irr. hrd (Balbi)
- 9505 BRAZIL Rádio Record, Rio, comm'ls. 0845 (Wood)
- 9505 DOMINICAN REP. RTV Dominicana, active again ID 0330 (Wood) 0150 w/US pops (Ferguson)
- 9505 JAPAN NHK, GOS, fluttery Eng nx 1213 (Poulis) 0710 Eng; 0715 ID, lang (Mayo)
- 9505 PHILIPPINES PDBC, excel 2210-2230, rel. in lang; times uses "This is Manila Calling" now (Niblack)
- 9500 FRANCE ORTF, Paris, Eng to Afr 0515-0530// new 7230 (Berghammer) Both unsked (Ed.)
- 9495 EGYPT Cairo, V. of Arabs, camel bells 1830; Arabic pgmg (Cohen)
- 9475 EGYPT Cairo, Eng, 2230 (Baines) Eng nx 0200 (Richardson) 2102 Ger nx (Hagerman)
- 9438 CHINA Peking, Arabic tlk 1845 (Wood) Prob. down from 9440, list FBIS (Ed.)
- 9418 RYUKYU IS V.U.N.C., Korean nx 1500 (Wood)
- 9390+ CHINA R. Peking, 9390.480, 2238 ID, into lang; good sig (Mayo)
- 9385 CHINA Presumed Peking, 0245 at good lvl; also noted 9170, but not // (Dexter)
- 9340A CHINA R. Peking hrd 1200-1255 Eng beamed to S/Asia, 2/2 (Barman)
- 9009 ISRAEL Kol Israel, nx in Eng 2100 (Baines) Dly 2115 comm. by Dyan 1/21 (Mitchell) S/on Russ. 1530 (Balbi) Nx in lang to ID 2115 (Breville) Bible, 2123; 2022 nx (Menna)
- 7620 CHINA Peking, Italian 2000 (Wood)
- 7580 N. KOREA Pyongyang, Korean to Eur/IE/Afr 2000 (Wood) Eng 1400-1500 (Pistek)
- 7500 CHINA Peking, German at 2000 (Wood)
- 7480 CHINA R. Peking 1215 Japanese //6955 (Berghammer)
- 7295 MONACO TWR, Monte Carlo 0800 w/Eng, str. (Macken) 0725-0830 V.G. (S.Kamp)
- 7295 INDONESIA (Celebes) RRI, Manado, local ID 1045 (Wood)
- 7292.5 ETHIOPIA R. Addis Abeba, Eth. mx, //6185 at 1730 (Wood)
- 7285 INDONESIA (W. Irian) RRI, Sorong, requests, //4872, at 1010 (Wood)
- 7285 JAPAN JKI, NHK HS relay, Eng lang lx 0645 (Sparks) Tokyo, relay HS 0720 (Mochizuki)
- 7282 USSR (As.) R. Moscow nx in Japanese s/on 0915; 7282 clearly ann. in Japanese (Haitani) Khabarovsk list FBIS; Komsomolsk WRTM on 7280 (Ed.)
- 7260 MONGOLIA Ulan Bator R. at 1045 Mongol. mx & tlks, loud; tnx RW (Mochizuki)
- 7255 VATICAN Vatican R. on new freq w/Eng 0100, measured; steady here (Niblack)
- 7245 ETHIOPIA ETLF s/on 0402, asks for reports; excel sig (Henderson) lx, tlks in Eng 0400 (Mochizuki)
- 7240 ASCENSION IS. BBC s/on 2015, Afr Ser (Wood) //15400, 11620, 9580 (Ed.)
- 7235 ANGOLA R. Angola, Luanda 0700 mx, wk, het; anyone hear Damascus here? (Berghammer)
- 7230 FRANCE ORTF, s/on 0500 (Wood) New; unlist WRTM/68, FBIS or Paris sked (Ed.)
- 7230 JAPAN NSB, Tokyo in Japanese 0725, tlk & interviews (Mochizuki)

- 7220 SAUDI ARABIA Riyadh 0415 w/nat. mx & Arabic lang, ID 0433, good sig. (S.Kamp)
 7210 SWITZERLAND ICRC, 0600-0700 Fr/Eng/Sp; sked as WRTH; next in March (Berghammer)
 7205 MOZAMBIQUE R. Pax, 0355 s/on w/organ mx & choir, Port. ann; hvy QRM (Sparks)
 7205 POLAND Polskie Radio w/Eng 0315, good (Pyatt) 0315 Sat. GMT good w/nx (Menna)
 7200 MALAYSIA (W.) R. Malaysia, Penang, Malay pgm of western pops 1000 (Wood)
 7200 TAIWAN V. of Righteousness, 1100 s/on lang, weak (Berghammer) St. Chin. sked (Ed.)
 7195 LIBERIA VOA/Monrovia, 2330 Eng (Jacobson) To 2345 sked. (Ed.)
 7180 IRAQ 0330, Baghdad, ar. pgng, good strength, but CW/QRM (Orekar) 0419 Arabic mx & songs (Ferguson)
 7170A SINGAPORE R. Singapura hrd w/Tamil ser. 1245, str., 1/30 (Henderson)
 7170 NEW CALEDONIA R. Nouméa (tent.) ID 1030 not def. hrd; pop, instr, & nat. mx from 0926 (S.Kamp)
 7165 LIBYA 0550 w/Arabic pgng (Orekar) Tripoli w/local ID in Arabic 0630 (Wood) 0459 Arabic, weak (Pyatt) s/on 0430 ar., QRM. Good after VOA off 0500 (Finigan)
 7140 CYPRUS BBC Relay 0353-0410 Arabic Ser; IS & ID 0400 (S.Kamp) IS 0000//7130 (Michalenka)
 7140 LATVIAN SSR (Latvia) R. Riga, 0600-0630 relay Moscow WS, 1/31; QSLöd (Sparks)
 7137 THAILAND Post & Telegraph Sta, Wat Liang, Thai talks, s/off 1206 (Wood)
 7135 MONACO R. Monte Carlo musical pgm 0200, 2/4 (Field)
 7130 TAIWAN VOFC, news in Japanese, s/on 0950 (Haitani)
 7120 CHINA (?) R. Peking w/strong sig. in Eng dly from 0200 (Williams) 0100 Eng, good. (Fogel) S9+40! Relay? (Raylesberg) Is this Tirana relay? (Ed.)
 7120 CYPRUS BBC EMRS, w/WS to 0215 close (Raylesberg) From 0130 (Ed.)
 7120 MALAYSIA BECFE Relay solid S7 sig, no QRM, 0000 time sig. (Henderson) To 0045 Ed.)
 7105 ASCENSION IS. BBC s/on into Fr. for Afr. 0430 (Wood) 0445 back to London til 0500; then Ascension til 0715; sig jumps from S1 London to S7 Ascension at 0500 (Hirst)
 7105 MALAGASY REP. Tananarive, fair sig. from 0500 ID, also 0516; 0530 ID "R'diff. ...Malgache"; 0534 covered by RTTY (S.Kamp) Ascension WS at 0500-0515 then Fr. (Ed)
 7105 THAILAND Thai TV Co. 1020-1100 ARO/QRM. Local mx w/comm'ls. for 2 min. at 1026 and 1058 (Graham)
 7095 EGYPT Cairo (tent.) 0420 Arab songs; not //7075 (Ferguson)
 7075 EGYPT Cairo 0420 Arab vocals (Ferguson)
 7070 CHINA R. Peking, 2335 Chinese lang speech (Jacobson)
 7050 EGYPT R. Cairo, 2337-2400 Arabic (Jacobson)
 7010 CHINA Peking w/Ger, str. at 2015 (Padula) Love from listed 7005 (Ed.)
 6955 CHINA (Tent.) Sound like Peking in Asian lang, 1035 (Poulis)
 6860 CHINA Peking, German 1730 (Wood)
 6629 CHINA Peking w/Arabic at 2015, //6645 (Padula)
 6599 N. KOREA Pyongyang, drama, HS 1030 (Wood)
 6480 N. KOREA R. Pyongyang, 1300-1317 Eng, nx & comment. on Pueblo; 1533-1540 Fr; hvy CW/RTTY QRM (Thornton)
 6320 CHINA Peking, French to Africa 1700 (Wood)
 6290 N. KOREA Feb. Frendx list 6270 should have been 6290 (Niblack) Sorry, Al. (Ed.)
 6290 N. KOREA R. Pyongyang HS (1st pgm) 0715 w/n. tlk in Korean (Mochizuki)
 6250 N. KOREA R. Pyongyang HS (2nd pgm) 0700 w/tlk in Korean (Mochizuki)
 6234 HUNGARY Budapest 0000-0045 to NA (Chaffee) 2145 w/DX Club, Eng 2/3 (Getman) 0430 (Podpechan)
 6195 TUNISIA R. Tunis, Fr 2239 w/opera; comm. 2245 to 2258 s/off w/anthem (Getman)
 6190 RUMANIA Bucharest, Eng b'cast 0430 (Baines)
 6187+ MOROCCO, Rabat on 2/8 2230, S-9/40DB, N. Afr mx, anmts in Arabic. Freq meas 61.87.28 w/BC-221AA (Henderson)
 6185 ETHIOPIA R. Addis Ababa 0435 excel sig, in Arabic some VOA/QRM (Henderson)
 6180 GUATEMALA Voz de Guatemala, marimba mx 0430 (Baines)
 6176.5 CHINA Sian, Mao talk 0955 (Wood)
 6175 PERU R. Tawantinsuyu, Cuzco, many ads; gaps, breakdowns 0330 (Wood) 300 W! (Ed.)
 6174 COLOMBIA R. Nac. de Colombia, 0330 ID; runs up & down the band (Niblack)
 6170 VENEZUELA R. Nacional, Onda Metropolitana, Caracas, s/on 1000 (Wood)

- 6165 BRAZIL R. Cultura, Sao Paulo, choral mx 0900 (Wood)
 6165 PHILIPPINES P.B.S., Manila, drifting again, Eng nx 1000 (Wood)
 6165 SYRIA Damascus 2304 w/nx Arabic; Arab mx 2310 thru 2350 (Getman)
 6162 ZAMBIA R. Zambia, Lusaka, Eng nx 1800 (Wood)
 6160 S. VIETNAM VTVN, Saigon, Viet. nx 1000 (Wood)
 6156 URUGUAY R. Carve at 0005 w/mx, IDs & comm'ls. (Dexter) IDs 0300 (Wood)
 6155 USSR (As.) Komsomol'sk, Mayak nx 1900 (Wood) Khabarovsk Terr., SFE (Ed.)
 6155 HAITI R. Citadelle, mx 0024-0125; usually Austria or R. Carve here (Fiels)
 6155 IRAQ R. Baghdad IS 0256 1/29; 0300 chant behind Austria 1/26 (Field)
 6155 JAPAN FEN 1130-1200 t/o; ID, nx 1200 (S.Kamp) Nx in Eng 1100(Haitani)Nx, sports, wx 1300 (Williams)
 6145 NIGERIA(E.) V. of Biafra at 2030, Afr drum; ID & nx in Eng (Henderson)
 6140 JAPAN R. Japan, Tokyo, 1200 Korean //6080, 7195 hvy QRM (Berghammer)
 6140 SPAIN RNE, Madrid, rather than 6130, 0330 s/on Eng to NA (not 0300) sked change or error?(Wood) Nx & views 2200-2300 Sp, excel sig (Valdivieso)
 6135 CUBA R. Havana relay V. of Vietnam 0430-0445, 1/27 (Goldman)
 6135 TAHITI R. Tahiti 0555; Anthem & s/off after 0615 ID; sked to 0800 (S.Kamp)
 6130 SPAIN RNE, 0300 to NA, 1/20 (Michalenka) On freq 2/17; s/on not certain (Hirst)
 6130 LAOS R.'dif. Natinale Lao, Vientiane, Lao tlk 1005 thru Vladivostok 6130(Wood)
 6125 BELGIUM RTB, Brussels 0030-0100 Fr; new (Berghammer) 100 KW list (Ed.)
 6120 HAITI La Voix Evangélique, organ mx 0955 (Wood)
 6116 S. VIETNAM VTVN, Dalat, Vietnamese nx 1000 (Wood)
 6105 NETH. ANTILLES TWR, Bonaire, ex-6110, s/on to LA 0800 (Wood)
 6103 HAITI La Voix de la Révolution Duvaliériste, full ID, s/off 0400; still drifting (Wood) 6104, class. mx & ID, 0400 s/off (Sparks)
 6100.5 CHILE R. Calama, local sports 0300 (Wood) 250 W. list FBIS: 1 Kw. WRTM/68 (Ed.)
 6100 YUGOSLAVIA Belgrade, 2000, nx in Eng, N & W annrcs.(Baines) 2100-2212 Eng nx, into Fr 2215; 1/27 (Jacobson)
 6095 BRAZIL R. Dif. de Sao Paulo, hrd 2325 w/soccer match (Getman)
 6095 COLOMBIA La Voz del Centro w/full ID at 0255(Dexter)S/on w/anthem 1000 (Wood)
 6095 ENGLAND VOA/Woolferton s/on, into Fr for Afr 0600 (Wood)
 6095 IRAQ Baghdad, s/on 1930 w/Eng b'cast (Baines)
 6095 S. AFRICA R. RSA s/on Eng to E. Afr (Wood)Lists as R.S.A. Eng Ser, 10 KW (Ed.)
 6088A DOMINICAN REP. HISD, RTV Dominicana, 2330 w/anmts & ads; mx foll (Getman) 6090, 0145, several IDs (Silverstein)
 6085 W. GERMANY Bayerischer Rundfunk, Munich, w/mx pgr in Ger 2123; no sign of Tallin; fair, some QRM (Henderson)
 6080 ALGERIA Nicely in Fr 2200-2300, Western/Arabic mx; Iraq 6095 also hrd (Pistek)
 6075 CEYLON Comm'l. Ser in Hindi/Tamil; nat. songs 1230A (Padula)
 6071.5 INDONESIA (W.Irian) RRI Sukarnapura, local ID as such 1145; relay Djakarta 1200 (Wood)
 6070 CHILE R. Minería, s/on w/anthem 1000 (Wood)
 6070 THAILAND HS around 1200, consistently good (Padula)
 6065 SWEDEN R. Sweden hrd in nat lang 0630, fair (Balbi)
 6056 URUGUAY La Voz de Melo, local ads 0230 (Wood)
 6055 ESTONIA (Tent.) Tallin supposed to be sta. w/R. Moscow relay at 2150 in Eng(Dexter) Karelian ASSR, Petrovazodsk & Eur USSR both listed FBIS; take your choice (Ed.)
 6055 PERU R. Continental, Arequipa, full ID 0305 (ex-5934), ads (Wood)
 6055 JAPAN Nihon SWBC Co.(NSB) Tokyo, reg hrd dly in Japanese 0800A-1400 (Haitani)
 6050 MOZAMBIQUE L.Marques, good lvl 0405A, //11780A; usual lively format (Niblack)
 6048 MOZAMBIQUE Rádio Clube Lourenço Marques, boeremusiek 0330 (Wood)
 6045 MEXICO R. Universidad w/lengthy piano mx, def ID 0311A by B; gud lvl for 250W (Niblack) Full ID 0400 (Wood)
 6045 USSR (Eur) Moscow, Mayak IS 0530 (Wood)
 6040 COLOMBIA HJCB, La Voz de Tolima hrd 2345 w/LA mx (Getman)
 6035 BRAZIL R. Globo, Rio, ID 0900 (Wood) LA mx mx 2351-2400 (Getman)
 6033 PERU R. Landa, Arequipa, ID, s/off 0400 (Wood)

- 6020 HAITI 4VEB, R. Caraibes 0000-0010 w/LA mx (Getman)
6017 PHILIPPINES Chronicle Broadcasting Network, Manila, s/off 1002 (Wood)
6015 IVORY COAST 0630 Abidjan s/on in Fr (Orekar)
6012 PERU R. América, Lima, nx 0300, ann. relay by many stations (Wood)
6010 RYUKYU IS. VOA/Okinawa, s/on 0900, into Russian (Wood)
6005 S. AFRICA Afrikaans ser, //4875; hrd s/off 2115 (Padula) R. Suid Afrika (Ed.)
6005 POLAND Warsaw w/Ger after SABC off; s/off 2130 (Padula)
6005 W. GERMANY R.I.A.S., German nx 0400 (Wood)
6001.5 SWAN ISLAND R: Américas (now 3 KW) drifted here, ID 0515 (Wood)
6000 SWAN IS. R. Américas 0625, clear IDs & nx in Sp(Nochizuki) Several IDs 0530
(Orekar) S/on 1000, weak sig (Padula) 1200-1300 S-9 (Fyatt)
6000 SINGAPORE Chinese Ser audible from 1100A (Padula)
5998 TAIWAN V. of Righteousness, Taipei, Chinese ID 1030 (not on 5995) (Wood)
5995 COLOMBIA La Voz del Pueblo, Pereira, nx 1110 (Wood)
5995 GREECE Thessaloniki/VOA IS, 2157, JRF (Finigan) Sked only 1445-2230 (Ed.)
5985 ARGENTINA R. Splendid, B. Aires, ID as "LR4" 0945 (Wood)
5981 PERU R. Panamericana, Lima, abrupt s/off after nx 0314; only nx carried on SW
(Wood)
5980 LEBANON Beirut, Arabic choir 1725 (Wood)
5980 GEORGIAN SSR Tbilisi (listed) HS s/off 2130, no IS; sked to 2103 (Berghammer)
5980 GUYANA R. Demerara, Eng tlx, nx 0951, 1005 rel. pgm, 1019 nx; tremendous sig
(Nochizuki) 0930 Eng req. & greetings (Macken)
5970 COLOMBIA HJVN, R. Horizonte, 2345 w/LA mx, fast flutter (Getman)
5965 BRAZIL R. Cuaiba, 2347 pops; ID, nx 0000 (S.Kamp) W/a "C" or FBIS mis-print? (Ed.)
5960 USSR SFE 0915, Vladivostok HS, in Russ, not Mongolian (Berghammer) Khabarovsk
listed FBIS (Ed.)
5955 CANADA CBC, s/on, Eng nx 0600 (Wood) To Canadian Forces (Ed.)
5954 COSTA RICA R. Casino, Puerto Limón, DJ show in W. Indian Eng 0500 (Wood)
"Atlantic Coast B'cast" (Pistek)
5950 PERU R. Arequipa, ID, s/off 0430 (Wood)
5930 CZECHOSLOVAKIA R. Prague, good variety pgm in Eng 0100 (Richardson) To NA (Ed.)
5900 CHINA R.L.A., Foochow, back here after drift, political tlk 1000 (Wood)
5740 ARMENIAN SSR (Tent.) Erevan 1048, w/Russ tlk, 2/7 (Hagerman)
5545 CHINA Peking, Indonesian tlk 1050 (Wood)
5121 ECUADOR Have decided R. Centinela del Sur, Loja, is Ecuadorian here, after many
chks; 0300A, infrequent IDs by H, Sp, fair lvl (Nblack)
5065 INDONESIA (Sumatra) RRI, Medan, local ID 1100, relay nat'l nx 1200 (Wood)
5059 REP. OF S. YEMEN Aden, Arabic nx 0350 (Wood) Aden, formerly S. Arab. Fed. (Ed.)
5060, (tent.) Arabic mx & tlk 1510, 1/24; hvy CW/JRF (Sparks)
5052 SINGAPORE R. Singapura Eng nx 1530, qual. mx 1545; def. ID, fair lvl (Shaw)
5047 INDONESIA (Java) RRI, Djogjakarta, local ID 1115 (Wood)
5042 ANGOLA R. Cl. Benguela, 2150-2210 t/o; pop mx in Port, sev. sel. in Italian
(Graham)
5040 BURMA 1500 BBS w/Eng pgm, s/off at 1600 (Orekar)
5040 VENEZUELA R. Naturín, s/on with marches, 1000 (Wood)
5018.5 PERU R. Juliaca, interval sig before and after ID 0419 (Wood)
5010 SINGAPORE BFBS, 1414-1500 w/Gurkha pgm; class. mx, ID 1500, JRN, 2/3 (S. Kamp)
5005 PERU R. Jaen hrd closing 0400 after Sp ID; usually wk lvl (Nblack) Fair, 0024
w/mx, com'ls., IDs (Dexter)
5004 CAMBODIA Phnompenh, now here, Arabic mx 0350 (Wood) Early Feb (Ed.)
4995 CAMBODIA R. Phnom Penh 1400-1500 s/off w/Eng ID (Orekar) Jan. (Ed.)
4995 SUDAN Omdurman at 1505 w/Arabic nx (Orekar) ID, s/off 2200 (Pistek)
4990 NIGERIA Lagos, Nat. Pgm, at 2200, Eng (Cohen) 2203 Eng nx (Hagerman) 2300 Eng
nx (Baines)
4985 BOLIVIA La Cruz del Sur, usual format, songs, Eng 0230, s/off 0300A; suggest
that CP75 has not moved up the band (Nblack) Eng rel. 0230 (Wood)
4980 GHANA R. Ghana, Accra 0707 w/Eng nx; bad date JRF://4915 (Palmer) 2250 Eng (Cohen)

NASWA-FRENDX

SHORTWAVE CENTER

MARCH 1968

- 4980 VENEZUELA Ecos de Torbes, past 0552; pgm sponsored by a Scots whisky (Palmer)
- 4972.5 CAIROON Yaoundé, ID, Afr. rhythms (Wood) Pops, ID Fr/Eng, s/off 2230 (Pistek)
- 4972 ECUADOR R. Tarqui, Quito, time-check: 1125 (Wood)
- 4960 VENEZUELA R. Sucre w/numerous IDs, native Sp., from 0315 tune (Hiblack)
- 4945 COLOMBIA R. Colosal, Neiva, all-night, freq IDs 0530, 0600 (Wood) LA mx 0707; what is call? (Palmer) HJDH list WRTH/68 (Ed.)
- 4940 IVORY COAST Abidjan w/nx in Fr. 2300 (Baines)
- 4938 YEMEN Sana'a, now here, Arabic requests, politics, ID 1815 (Wood)
- 4932 NIGERIA Benin City fair at 0450; stronger than Ghana 4915 on this day (Dexter) ID as Mid-West Ser. of NBC, 0500 (Wood)
- 4932 DOMINICAN REP. R. Mil, Sto. Domingo, s/off 0504 w/anthem (Wood) Drifting now (Ed.)
- *4940 VENEZUELA R. Yaracuy, vy weak, s/off 0359, Sp. (Silverstein)
- 4929.5 DOMINICAN REP. R. Mil has moved, noted from 0130 tunings; 4940 now clear for Yaracuy. (Hiblack)
- 4923 ECUADOR R. Quito one of strongest L.s on band; start s/off format 0428.1 w/anmt. over "Indian Love Call" (Dexter) Only good L. sta. after 0400 (Cohen) 0300 Sp. nx from network (Hagerman)
- 4920 AUSTRALIA VLIW Brisbane end local nx 1115; QRN (Foulis) Local pgm, ID 0900 (Pistek)
- 4920 BURUNDI R. Cordac, Bujumbura, "Star-Spangled Banner" (!) at 0416 (Wood)
- 4915 GHANA R. Ghana s/on 0530; Eng nx 0600-0615 (Orekar) 2130 Eng, time sig. (Baines) (Finigan)
- 4915 PAKISTAN (M.) R. Pakistan, Eng nx 0210, ID, into lang 0220, 2/11 (Sparks) Quetta (Ed.)
- 4915 KENYA V. of Kenya, Nairobi, 0400 time pips, ID, into lang nx; Somali? (Henderson) 1500-1600 fade (Orekar) Somali Ser. unlist WRTH/68 (Ed.)
- 4915 VENEZUELA R. dif. Venezuela 1040-1130 t/o, drifting around this area (Graham)
- 4912 ECUADOR Emisoras Gran Colombia, Quito, national nx 1130 (Wood)
- 4904 CHAD Ft. Lamy 1930 w/Fr. anmts and Afr. mx (Padula)
- 4900 ECUADOR LV de Saquisilí, Ec. mx, ID 1135 (Not on 4904) (Wood)
- 4896 VIETNAM 2240-2300 best lvl, M & W in lang, SEAsian mx, pops & humor; believe is Saigon, due absence of hard Connie line. Believe lang is Vietnamese (Hiblack)
- 4891.5 DOMINICAN REP. R. Comercial, Sto. Domingo, nx 1115 (Wood) From 4860 (Ed.)
- 4890 PAPUA Port Moresby 1318 ABC nx, pop mx (Hagerman)
- 4890 SENEGAL Dakar, interval signal, s/on 0555, into pgm 0600 (Wood) 0730-0745 Afr. dialect, gal ancrs. (Palmer) 2211 Fr., Afr. mx (Hagerman)
- 4890 VENEZUELA R. Dif. Venez., Caracas, 0225 L. mx, ads, ID (Palmer) 0358 s/off (Hagerman)
- 4885 BRAZIL Rádio Pioneira de Teresina, frequent IDs 0830 (Wood)
- 4885 COLOMBIA Ondas del Meta, Villavicencio, ID & s/off 0400 (Sparks) 4884.5, s/on 1100 (Wood)
- 4885 KENYA Nairobi, good sigs at 1800 w/talk in Engl. (Padula)
- 4885 USSR (Ls.) Novosibirsk (?) talking & nx patterned after Moscow; unid. lang. This list in Frendx. WRTH/68 lists this Vladivostok (Field) Perhaps change (Ed.)
- 4880 VENEZUELA R. Universo, classical mx, ID and 0355 s/off (Sparks)
- 4875 DAHOMEY Cotonou, Fr. ID 0600 (Wood) Drift or change? (Ed.)
- 4870 BRAZIL R. Jornal do Brasil, Rio, 0300 mx, 0330 nx (Field) Lists 4875 (Ed.)
- 4867 ANGOLA R. Clube do Angola fro 2230 tune w/pop mx, short nx by M., def. ID closing just before 2300; do not confuse w/Monta Selgada Azores, 4865 (Hiblack)
- 4865 AZORES Ponta Delgada "Em. Regional dos Açores", ID/Port. 2300; anthem, off 2303 (Pistek)
- 4860 VENEZUELA YVOE w/IDs after each sel., ads, 0230. Usually uses R. Maracaibo ID, interchanges w/R. Mundo ID; they are the same (Hiblack) Freq. ID as R. Maracaibo, on late, 0530 (Wood) Only L. Maracaibo hrd 1/15 (Cohen)
- 4855 NIGERIA (E.) Voice of Biafra noted s/on 0430, usually 0500; new sked? (Hiblack) Eng nx, ID 2211 (Finigan)
- 4846 BOTSWANA BBC, Francistown, Bow Bells, s/on 0355 (Wood)

NASWA-FRENDX

SHORTWAVE CENTER

MARCH 1968

- 4845 COLOMBIA R. Bucaramanga in Eng 0335 tuning for several minutes, mx pgm MCed by gal; Sp comments by M; hrd 1/24, Med. GMT (Niblack) Seems to be irr. sked (Ed.)
- 4840 ANGOLA R. Clube do Guanza Sul, from 2225, def. ID 2230 as above; some cm'ls., pops, gud lvl. S/off 2300A, full ID by W, anthem; listed 2 Kw, hrd 3 days in row (Niblack) 2226-2253 QRMed; inst. mx & comm'ls. Tnx ARN (Getman)
- 4840 INDIA AIR, Bombay (tent.) Indian mx 1447 1/22 (Sparks)
- 4840 VENEZUELA R. Valera, s/off with anthem 0400 (Wood) Spec. mx pgm to 0430, 2/4 (Sparks)
- 4836 BOTSWANA R. Botswana, Gaberones, s/on in Setswana/Eng 0400, good sig. Botswana is Antipodes of Honolulu 12,400 miles away (Wood) New freq (Ed.)
- 4835 MALI Bamako v.g. 0600 s/on, IS, in Fr, //4783 (Pistek)
- 4825 TURKISH SSR R. Ashkabad, 1/30, s/on 0100 w/Red Anthem, into nx; str. despite het. (Henderson)
- 4820 ANGOLA Emissora Oficial, Luanda, political speech 1730 (Wood) 2244 pops, weak (Hagerman)
- 4820 HONDURAS LV Evangélica de Honduras, greeting listeners 1130 (Wood)
- 4813 UPPER VOLTA Ouagadougou from fade/in 1915A; Afr tunes (Padula)
- 4810 VENEZUELA R. Popular, 0230, pop mx & ID (Sparks)
- 4807 SAO TOME R. Clube Sao Tomé, w/off w/V. of West, Port, relay from 2145 (Field)
- 4805 BRAZIL Rádiodifusora Amazonas, Manaus, Brazilian mx, 0315 (Wood)
- 4800 VENEZUELA R. Lara, Barquisimeto, s/off 0355 (Wood) "Emisora Musica de Venezuela" after each sel., 0245; RTTY 0300, prevented hearing ID (Sparks)
- 4795 BOLIVIA R. Nueva América, La Paz, local ads 0330 (Wood)
- 4795 DOMINICAN REP. Onda Musical, S. Domingo, 0300 w/Sp mx (Orekar)
- 4790 MALAYSIA (W.) R. Malaysia, Penang, Malay tlks 1055 (Wood)
- 4785 TANZANIA Eng pgm, w/pop songs, 1800A (Padula) Dar-es-Salaam (Ed.)
- 4777 GABON R. Libreville s/on 0500, anth. & ID in Fr; Eng pop records, fair (Henderson) 0600 nat. mx (Field)
- 4770 LIBERIA ELWA, nx in Eng, CHORUS 2145 (Baines)
- 4770 VENEZUELA R. Bolivar, 0245, noticias & 0300 s/off, 2/7 (Sparks)
- 4765 CONGO RE. RTV Congolaise, Brazz., local Afr mx, Fr annts, 2055-2200 s/off, excel sig (Henderson)
- 4763 MOZAMBIQUE Lourenço-Marques w/Eng re. pgm at 2000 (Padula)
- 4760 PERU OAX3P, T. Tingo Maria, ID & s/off 0600 (Sparks) S/off 0600 (Field)
- 4755 BRAZIL R. Brazil from 0150 tune, occasional US standards (Dexter)
- 4754 BOLIVIA Emisoras Bolivia, Oruro, Bolivian mx 0330 (Wood)
- 4733 ECUADOR R. El Progreso, Loja, Andean music 0320 (Wood)
- 4670A HONDURAS R. Yoro, hrd 0350-0430 w/pop mx, many ads, time chex & sports/report. IDs 0401, 0430, fair sig (S. Kamp) Lists WRTH/68 on 4755, 250W (Ed.)
- 4600 NEPAL R. Nepal early as 1225, late as 1315 w/mx pgms & tlx (Field)
- 3995 SOLOMON IS. VQ09, 0930 in Eng, fair; seldom hrd; 2/11 (Balbi) Honiara, pops 0855 (Wood)
- 3985 CHINA R. Peking, new freq for Eng lang pgm at 1450 //3270 (Sparks) Jam VUHC? (Ed.) Eng to S. Asia 1400 (Wood)
- 3985 INDONESIA (W. Irian) RRI Merauke, local IDs 1045 (Wood)
- 3985 SWITZERLAND Berne, well hrd during Fr pgm 1900 (Padula) S/on 0700 Eng to Eur (Wood)
- 3980 W. GERMANY VOA/Munich, good for 8 Kw w/Eng at 1930 (Padula)
- 3974 INDONESIA (Java) RRI Surabaya w/ID at 1155; good each nite (Padula)
- 3970 ANGOLA R. Clube da Huila, w/mx, nx in Port 2145-2230 t/o, good sig for 1 Kw; hvy QRN; QSL 14 days! (Henderson)
- 3970 W. GERMANY RFE a regular now w/Hungarian at 1900A (Padula)
- 3940 HONG KONG 1100 w/Chin. tlk, reg. (Padula) Chinese ID, s/off 1600 w/GSTQ (Sparks)
- 3905 INDIA AIR, Delhi, open Pushtu service, into Azan, 1445 (Wood)
- 3828 CHINA Peking, in Lsc-type (Lac-type? Ed.) language 1430 (Wood)
- 3607 JAPAN NHK, Hiroshima not new; listed years ago, active since (Wood) Still unlist (Ed.)

NASIA-FRENDX

SHORTWAVE CENTER

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- 49 CHINA Peking, English to S. Asia (Wood)
 200 CHINA PLA(?) 1124-1200 t/o, w/Chin. opera; tlx 1200, 1/28 (Graham) Fukien list(Ed)
 3396 NIGERIA R. Kaduna, 2300 nx, 2315 s/off (Field)
 3396 RHODESIA Gwelo fine lvl 0401 one eve; Eng nx DJ at 0413, exercises 0420(Dexter)
 Eng nx 0400 (Wood)
 3395 VENEZUELA R. Universidad, 0400 ID & s/off (Sparks) mx & ads, ID 0226 (Field)
 ID 1140 (Wood)
 3385 BRAZIL R. Clube de Teresina 0215-0300 s/off; Barcelona here since (Field)
 3385 FR. GUIANA Cayenne, 2115 mx pgm (Field) Lt. mx, ID 0100; anthem, IS & s/off
 (Pistek)
 3385 VENEZUELA R. Barcelona, 0330 noticias & ID (Sparks) 0228 ID, ads following(Field)
 0336 ID (Cohen)
 3378 ECUADOR R. Iris, Esmeraldas, Ecuadorian mx 1140 (Wood)
 3380 GUATEMALA R. Chortis, 0245 marimba mx; 0300 s/off (Sparks)
 3375 DOMINICAN REP. R. San Juan, mx pgm 0030; s/off 0100 (Field)
 3375 INDIA AIR, Gauhati, news in Assamese-type lang 1440 (Wood)
 3366 GHANA Accra, also hymns but not //3350; 0530 (Wood)
 3365 DOMINICAN REP. R. Exitos, symphony 0450, s/off w/anthem 0456 close 0500(Getman)
 Like local w/500W. local mx 0330-0400 (Williams)Class. mx 0305(Ferguson)(Palmer)
 3365 INDIA AIR/Lucknow, 1400A w/nat. mx; one of many on band (Padula)
 3350 GHANA Accra, hymns, not //3366; 0530 (Wood)
 3346 ZAMBIA R. Zambia HS good/excel sig, vern nx 0352, Eng nx 0400; hi-powered xmitter,
 over-modulated (Henderson) 1935 w/pops in Eng (Padula) ID & Eng nx 0400 (Sparks)
 2235 mx pgm (Field) Eng nx, female speaker 0400 (Wood) Rel. 0357 (Pistek)
 3345 INDONESIA (Borneo) RRI/Pontiniak, mx pgm, anmts in Indon. 1345A; not consistent,,
 as CW QRM bad at times (Padula)
 3340 ECUADOR R. Tulcan, seemingly, usual Ecuad. mx & format, few IDs, s/off 0400A
 (Niblack) S/off 0416, not their reg. time (Dexter)
 3339 TANZANIA R. Tanzania Zanzibar w/nat. songs & mx; vern anmts 1900A (Padula)
 3335 TAIWAN BCC w/local pgm, around 1400; strong (Padula)
 3325 VENEZUELA R. Monagas 1007, Sp, pop mx, fair (Hagerman)
 3315 MARTINIQUE ORTF, hrd most days, s/on, ID 1015, fair (Balbi) 3316s/cff w/anthem
 0215 1/28, 0245 on 1/29; hvy QRM (Sparks) 2315 talking in Fr (Field)1030 relay
 (Hagerman)
 3306 RHODESIA R. Rhodesia, Gwelo, tlx in Afr lang 0400 (Wood)
 3295 BRAZIL R. Educ. de Uberlandia, 0130 mx 2/4 (Field)
 3295 VENEZUELA R. Trujillo, ID 0200, 1/29 (Cohen)
 3284 FIJI IS. F.B.C., Suva, Indian duet 0620 (Wood)
 3280 GRENADA WIES 0205 nx itens thru ID 0209; 60 db/1 uv. (Mayo)
 3268 PORTUGUESE TIMOR Hrd around 1300; Morse QRM difficult at times; 1/28 hrd what
 appeared to be a relay or re-broadcast of a football match at 1430 (Padula)
 3265 GUYANA R. Demerara, J. Louis & J. Willard fighting 0158; finally clear thru
 usual RTTY; QSL 3 days(Poulis)0217 organ mx (Ferguson)
 3259 JAPAN MTK, Sendai, Japanese tlx 1015 (Wood)
 3255 VENEZUELA LV de El Tigre, relay Continente nx 1015 (Wood)
 3245 VENEZUELA R. Libertador, Caracas, pgm for farmers 1000 (Wood) Sp tlks 0212
 (Ferguson) 0400 Sp ID, anthem, cff (Hagerman)
 3241A IVORY COAST Abidjan 2238 Fr rx, then Afr mx, poor (Hagerman)
 3235 INDIA AIR, Gauhati, Indian songs, not //3375; 1440 (Wood)
 3230 FIJI IS F.B.C., Suva, light piano 0620 (Wood)
 3222 TOGO Lomé 1930A w/Fr tlx (Padula) 2258 tlx, anthem, off 2301 (Hagerman)
 320 MOZAMBIQUE R. Cl. de Mozambique, 0155 Ballads, ID Eng/Port YL anc, ads in Eng
 (Palmer)
 3205 INDONESIA (Java) RRI Bandoeng vy str. around 1430 (Padula)
 2475 CHINA Local pgm at 1400, reg. (Padula) Hangchow, Chekiang Prov. list (Ed.)
 People's Radio Hangchow(?) 1126, lang tlx to 1155, then choral mx, 2/4 (Graham)

!!! IDENTIFIED !!!

- 6168 (Feb.) Not Lusaka, which is reg. noted on 6162. However, Tirana noted. (Wood)
 - 6140 (Feb.) Tahiti; (rather on 6138-39) (Wood)
 - 6135 (Feb.) Samarinda: now verified (Wood)
 - 6060 (Feb.) Pyongyang, with home service; High powered. (Note Seoul on 6065!) (Wood)
- If members will include the information in their reports, this will be a regular feature. Also, if you have identified your own UNID., let us know, please. (Ed.)

??? UNIDENTIFIED ???

- 15495. & 15505. Sound like Russ. regionals 0410, 1/9, either side of cal. mark (Poulis)
- 15225 Unid. Hindi 1445, doesn't sound like Moscow or BBC (Berghammer)
- 14860 USSR Str. lvl 0730, IDs for HS at 0800; Russ. pgm. Location? (Padula)
- 11840 USSR HS 1300 Russ. Kazan list; must be FE (Berghammer)
- 11000A R&R singers, 2 sel., then off in Fr. at 1200 by W. (Field)
- 11790A Eng. dictation rx which seemed neutral, then lang 1315-1320 (Jeeves)
- 9655 Oriental, weak 1245; Japan or BCC new sked? (Berghammer)
- 5060 2100-2125-30 s/off; lang not Port., didn't use "A. Portuguesa"; sked doesn't fit Angola or S. Yemen (Henderson) 4VDP Gonaives list 5059, sked 2030 s/off; no? (Ed)
- 5002A Oriental while WWV off 4 hrs 1/24; 1415-1452 covered by U/QP; Chinese?, lite mx (Hauser)
- 9530 Unid. s/off lite rx 0600, no ID. Venezuela? (Berghammer)
- 7115 " 0425 Arab/type rx; lang talk 0430 (maybe Arab.) (Ferguson)
- 5900 " Sounds like Asian w/mx at 1121 on 2/3 (Poulis)
- 4905A " 2210, hvy QRN, Sp., kept saying "La hora" (Michalenka)

TNX TO THIS MONTH'S REPORTERS

- | | |
|--------------------------------------|--|
| Fred Baines, N.S. 51-3 | Rudolph Menna, Pa. Zenith 15-U-246 |
| August Balbi, Calif. HQ-150, 129X | Hank Michalenka, R.I. GR-54 |
| Greg Barman, Ill. Star Roamer | Art Mitchell, Ohio SX-130 |
| Bill Berghammer, N.Y. SW-4A | Mike Mochizuki, Hawaii SW-4A |
| Walt Breville, Mo. SX-122 | Al Niblack, Ind. SX-100 II |
| Robert Chaffee, Pa. S-120 | Chas. Orekar, Calif. HQ-180 SW-4A |
| Steve Cohen, Conn. DX-75 | Bob Padula, Australia Marconi B-28 |
| Gerry Dexter, Wis. HQ-180 | Bob Palmer, Wash. HQ-160 |
| Paul Donegan, Calif. SW-4A | Richard Pistok, Ill. Grundig 2260 |
| Dan Ferguson, Fla. R-100 | John Podpechan, Okla. SX-122 |
| Marlin Field, Mich. SX-100 | James Pollak, Conn. Zenith Trans-Oceanic |
| Mike Finigan, N.C. S-120 | Art Poulis, Mass. NC-190 |
| Martin Fogel, Pa. Spaceranger (Eico) | Ed Pyatt, Ga. S-120 |
| Bob Getman, Wis. NC-125 | Alan Raylesberg, N.Y. HA-225 |
| Bruce Goldman, N.Y. HA-230 | Frank Richardson Va. GR-54 |
| Bill Graham, N.Y. HQ-180A | Sam Rowell, Wash. NC-190 |
| Bob Hagerman, Mich. Star Roamer | Ed Shaw, Calif. SX-130 |
| Kanji Haitani, Ill. SW-4A | Mike Silverstein, N.Y. HA-226 |
| Glenn Hauser, N.C. HQ-160 | Bill Sparks, Calif. HQ-180 |
| Dan Henderson, Md. HQ-180AC | Jerry Stuart, Okla. S-2000, GR-64 |
| Del Hirst, Texas HQ-100 | Jim Thornton, Calif. SW-4A |
| Norm Jacobson, Wis. SX-71 | Luis Valdivieso, P.R. 180XE |
| Alan Jeeves, Pa. S-118 | Bob Williams, Ga. SW-4 |
| Steve Kamp, Texas HQ-140X | Richard Wood, Hawaii HQ-180 |
| Mike Macken, Mass. SX-100 II | Steve Wood, Ind. S-120 |
| Raymond Mas, P.R. HQ-120X | WRE/SCDX |
| Stan Mayo, Me. HQ-180, SP600JX | WYTH/68 - FBIS '67 |

Last minit NEWS/TIPS
All times are GMT

FLASH
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SHEET
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Last minit NEWS/TIPS
All times are GMT

AL NIBLACK, EDITOR 420 SHELBY STREET, VINCENNES, IND. 47591 (Deadline 23rd of Month)

In line with NASWA's policy to bring you the best and very latest DX news please note that the deadline for the Flash Sheet has been retimed, and effective currently the date will be the 23rd of each month. Now, to this month's items-

AFGHANISTAN: R. Afghanistan broadcasts for Europe in German from 1730-1800, and in English from 1800-1830, on 9655 and 11745. (SBC).... Noted on 11746 (measured) with news in English just after 1800. Off at 1828:30. Weak level. (Niblack)

ANGOLA: 11970 Observed a new station transmitting in Portuguese from 1700 daily. (SBC) (This must be the new hi-power outlet that is said to be testing, Editor)

ARGENTINA: 6060 LRA31(HS) completely covered at 2230 by Habana noted weakly but in the clear on 24240 (4th harmonic) with classical music and talks. (Hauser)

ASCENSION IS: 15235 BBC Relay heard with local identity at 0400 S/on with Bow Bells for IS. (Stuart)

AUSTRALIA: 9580 R. Australia will add this frequency to ECNA effective 3 March onwards, with 100kW from 1215-1315, flashes Balbi, California.

BOTSWANA: 4845 BBC, Francistown, heard with English news at 0400. (Sparks)

BULGARIA: Radio Sofia's latest schedule shows the offbeat frequency of 7670 in Greek, at 0430-0500. (Goldman)

CHINA: 2475A A Chinese speaker is heard almost daily around 1200 checks, and is usually noted at a real powerhouse level. (Graham).... Unknown Chinese(?) station being heard daily on 4700 with 1500 S/on followed by a woman speaking in slow Chinese with much repetition. Could it be a Chinese numbers station?? (Sparks)

CONGO (DEMO. REP.): Kinshasa is loggable irregularly around 2100-2130. (Graham)

COLOMBIA: R. Valledupar noted from around 0330 tunings in a move up the band, many ads. (Niblack)

ETHIOPIA: (EXTRA FLASH) ETLF has a No. American Svc in English at 2300-2325 on 15315; on Mons and Thurs on 15230 instead of 15315. (Goldman, New York). (Can anybody confirm, Ed?)

FINLAND: (FLASH) In a letter from the station it is stated that due to a breakdown of the 100kW xmitter at Pori, it has not been used for the No. American Svc on 15155 and 15185. During the 30 days necessary for repairs the 15kW one has been removed from 11805 and pressed into service on 15155 and 15185; advises Mike Macken via land line at the last moment.

GABON: 4777 R. Libreville heard S/on at 0500 with fair signal, some QRM (Henderson).

GERMANY (WEST): 11925 DW heard with E. Asian Svc in English from 2147. (D. Ferguson)

INDIA: 4820 AIR, Calcutta, found fading downhill till lost at about 1540. (Jensen).... 6085 AIR, Madras (tentative) weak level till shortly before 1400 with Indian type music. (Jensen).... 15255.27 AIR, Delhi, noted with flute IS at 1223, 1225 S/on, preview of programs, temperature, weather English news. (Hall)

JAPAN: NHK will again operate on 21640 after several years absence to WCNA at 0200-0300 in English, effective 3 March. (Balbi).... 6155 FEN, Tokyo heard weak but regularly from 1230; QSLs with a striking card in about 2 weeks. (Williams)

KOREA (NO.): R. Pyongyang has English news periods at 0400 or 15520; at 0800 on 6540; at 1100 on 7580 and 6480; and at 1400 on 7580 and 6480. (Balbi)

KOREA (SO.): Sparks, California, FLASHES that he has received a QSL and accompanying letter from HLKY, 6195. It was signed by E. Otto DeCamp and said that the report was most interesting as they made no effort to reach beyond the bounds of South Korea with it.

LAOS: Voix de Patet Lao, logged at 1515 on 4657A with 6199 as a parallel; ID at the end of the French language portion; not as strong level as 6199 (Sparks)

PAKISTAN: 4915 The Regional station at Quetta logged at 0210 with English news and identity following, into native music at 0230. Sparks FLASHES that it has been exactly a year since he previously logged the outlet, here.

MALDIVE IS: Maldive Islands Broadcasting Corp., has a 200kW shortwave transmitter under construction. (SweCDers) (Even I can hear 'em then, Editor!)

NIGERIA: 11770 Lagos noted using new frequency in English at 2100. (Niblack)

PARAGUAY: Bill Sparks advises that he finally received a QSL letter and a pannant from R. Encarnacion after several months and a follow-up report. (Is this the only remaining Paraguayan outlet, in captivity? (CONGRATS on the QSL, its not easy, Editor)

RHODESIA: 3396 Gwelo best level ever from 0401, though fast fading. (Dexter)

SWEDEN: Currently R. Sweden is using new 15310 at 1600 with English news to WCNA; and, to ECNA on new 17770 at 1400 with English news. (Balbi)

SWITZERLAND: 3985 (FLASH) The SBC has omni-directional xmissions at 0700-0830 weekly, with parallels of 6165 and 9535. (Goldman)

USSR(LATVIA): 7140 The station heard relaying R. Moscow's HS in October last at 0600 did indeed verify as Riga. Sparks FLASHES that it has been heard irregularly since then at around that time.

VIETNAM(NO.): Hanoi heard daily on 9760 and 11840; 11760 listed varies from 11754.8 to 11751.e4, announces as to American Forces at 0700, 1300, 1530, and 2300. 11840 quite strong level peaking at 20/S-9 on his Hammarlund HQ-180A advises Dr. Hall.

YEMEN: 4938 Radio Sanaa observed with Arabic requests at 1815 on new frequency with 5804 vacated. (ADXN) (So, thats where they went to, Editor)

CLANDESTINE: 15060 R. Euzadi, "La Voz de la Resistencia Vasca", intercepted from 2235-2250 with quite strong sigs. Signed on in Basque, Spanish, and English. (Beggs)

SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY, 2-3-68

1-119 2-117 3-128 4-128 5-147 6-129 7-150 8-166 9-182 10-198 11-150
12-144 13-138 14-93 15-86 16-70 17-56 18-48 19-50 20-53 22-69 23-73 24-93
25-78 26-60 27-86 28-140 29-175 30-185 31-209 MEAN-115.3 (G. FERGUSON)

Predictions of the smoothed monthly sunspot numbers for the coming months: March 115, April 117, May 117, June 116. (SBC)

The March 1968 issue of Popular Electronics has just come to hand; of interest to listeners are three articles, entitled, "The Ferret Drags Them In"; and, "Pi-Section Coupler Solves Antenna Problems"; the last article is, "Build FEET Crystal Calibrator", and all should be of interest. These construction projects are included in addition to the regular monthly feature, "Short-Wave Listening", edited by able editor Hank Bennett.

ACKNOWLEDGEMENTS: Australian DX News.... August Balbi, California.... John Beggs, New Brunswick, Canada.... Gerry Dexter, Wisconsin.... Dan Ferguson, Florida.... Grady Ferguson, No. Carolina.... Bruce Ted Goldman, New York.... Bill Graham, New York.... Glenn Hauser, New Mexico.... Dr. F. Earle Hall, Mass... Dan Henderson, Maryland.... Don Jensen, Wisconsin.... Mike Macken, Mass.... A. R. Niblack, Indiana.... Bill Sparks, California.... Jerry Stuart, Okla.... Swiss Broadcasting Corp.... Sweden Calling DXers Rod Williams, Georgia.

As we finish typing this the postman has just delivered an excellent letter from fellow member and DXer (Commander) Ed Shaw, Destroyer Division TWELVE, c/o Fleet Post Office, San Francisco, California 96601. Ed is on the high seas. He has had the opportunity to get in a bit of DXing. Ed, thanks for the letter, we are hoping to hear from you again, from time to time.

A word of thanks to all contributors who help make this column what it is and what it will become. Remember, it is your column and how good it becomes depends in part upon your efforts. It is edited for DXers by a DXer who pledges the utmost in co-operation. It is encouraging to see new names as contributors to this column, And, to the steady contributors, your help is appreciated. Please observe the monthly deadline, write on one side of the paper only. Very last minute reports may be phoned in after