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NORTH AMERICAN SHORTWAVE ASSOCIATION



FEBRUARY 1968

VOLUME 7, #2

NASWA HEADQUARTERS

POST OFFICE BOX 989

ALTOONA, PA. 16603 USA

OF LEADERSHIP

In every field of human endeavor, that which is first must perpetually live in light of publicity. Whether the leadership be vested in a man or in a manufactured product, emulation and envy are ever at work.

In hobby, just as in art, literature and industry, the reward and the punishment are same. Reward is widespread recognition; Punishment is fierce denial and detraction. When a work becomes a standard, it also becomes a target for shafts of the envious few. If the work is merely mediocre, it will set hundreds of tongues awagging. Jealousy does not thrive, cannot protrude its forked tongue at the common/average.

Whatsoever is writ, none will strive to surpass nor slander unless the work be stamped with worth. Long, long after a good work has been done, those who are disappointed or envious, continue to cry out that it cannot be done. Spiteful little voices protest. A leader is assailed because he is a leader, and efforts to equal him be only added proof of that leadership. Failing to excel or equal, the follower seeks to depreciate and destroy, yet only confirms, once more, the superiority of that which he strives to supplant. There is nothing new in this; It is as old as human passions of envy, fear, greed, ambition and the desire to surpass. And it all avails nothing.

If a leader truly leads, he remains the leader, and his works that are good make themselves known, no matter the loud clamor of denial.

NASWA is leading! Its works are good! And because we hold that which is good, continues; That which deserves to live, lives; We look to a future with certainty. Yet, and even though we lead, mind you we be humble. Plans continue to be made at Hdqs, and once the new BOD has been elected, we hope to have Frenedx take on a new look that will another way help us lead. We seek to go ever onward via idioms of "Unity and Friendship!" B.E.

WHAT MAKES NASWA RUN?

Basically, a club, whether old or new, needs three vital assets; Capital, dedication and support. Capital is obtained from membership fee's, contributions/donations and gifts. Dedication comes in the form of work/effort and time given by officers and the bulletin staff. Support must come from those in the membership ranks. Combine the 3 of these and they add up to one thing..cooperation. This then is what makes NASWA or any club run. And if you add heart, faith and understanding, the running is made all the more beneficial for each and every member, young and old alike.

Good will, like a good name, is won by many acts...and lost by one. And while always striving for perfection, this is still a very human world; Thus, should you perchance find fault/error with contents of our bulletins, or with our aims, please be so good as to let us know. Be assured that constructive criticisms are always appreciated.

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

Membership in NASWA is \$5.00 per year, 12 editions of Frendx sent via 3rd class mail NA, and via surface mail abroad. For those desiring more expedient delivery via 1st class mail NA, an additional \$2.00 fee is required. Airmail rates available of request. This and all editions of Frendx are made possible through the combined interests, efforts and cooperation of club officers, bulletin staff and supporting members.

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

LAST MINUTE REPORT.....LAST MINUTE REPORT.....LAST MINUTE REPORT

Kansas City, Kansas. 24 Jan 68
Just rcvd verification letter from Giai Phong Radio, the Voice of the South Vietnam National Front of Liberation.
This station opens at 1100GMT on 10020A and is well hrd until around 1300. All programs are in Vietnamese except for an English program on Saturdays at 1315-1330 beamed to American Servicemen in South Vietnam.
An earlier report was sent via Radio Peking, but no reply to date. However, report via Radio Prague resulted in verification letter after 7 weeks. Below is mailing address;
Pham Van Chuong, Press Attache
Du Front National de Liberation du Sud Vietnam en Tchecoslovaquie
Nekazanka ?
Prague 1, Czechoslovakia

(NASWA member- Wendel Craighead)

ELECTION, BOARD OF DIRECTORS

In order that members, more particularly newer ones, might become more familiar with the works, interests and platforms of the six men (only three to be elected!) running for BOD office, 1968-70 term, the following information is given as submitted by the individuals proper. Other information re the duties, etc., of BOD can be found in the club constitution which is sent to all members at time of their joining the club.

GERRY L. DEXTER (Radio announcer, married, 31.)

I have been a member of NASWA since 1964 and am currently serving on the BOD. I was a strong supporter of the switch to an all SWBC format. Since the switch was made, I have authored several articles which have appeared in *Frendx* and I am a regular reporter to the *Loggings* and *QSL* sections. I keep close contact with most NASWA officers/editors. Am well aware of the steps forward which NASWA has taken in the past year and a half and also of the need to continue its growth, and the difficulties which must be overcome. Speaking for myself as an SWBC DXer, NASWA is the greatest thing that ever happened and I believe that the next two years should see club services (such as the newly inaugurated awards program, the pamphlets on reception reporting, etc.) expanded in the form of further features which will aid the DXer and increase his enjoyment of the hobby. Some answer also needs to be found for the problem of an ever-increasing Hdq workload and I pledge to continue to seek answer to this problem. I believe in the NASWA motto and pledge to support it and continue to do what I can to insure an ever-growing, ever-improving North American Shortwave Association.

MARLIN A. FIELD (College Prof., married, 42.)

I've been in the hobby as long as I can remember, began with interests on BCB long before I ever knew that the term "DXer" existed. Interests switched to SWBC about eight years ago and in 1965 I joined NASWA, have been a regular to various sections of our *Frendx* bulletins since. Being deeply interested in Missionary stations, I authored a feature article on TGNA; It appeared in the November '67 *Frendx*. Am most interested in QSLs and pennants, latter perhaps accounting for serious interest in Latin American DX. Also the fact that I know Spanish, helps. If elected to the NASWA BOD, I will be most receptive to any/all ideas that will make the club an even better organization.

GREGG A. CALKIN (College student, single, 20.)

It is the responsibility of the BOD to represent you and your interests in the governing of our Association; It is your responsibility to elect those whom you feel will best fill the offices. For over eighteen months I have served as your *QSL* Report editor and Distribution Mgr. for foreign language report forms. During this period I have seen NASWA continuously grow into the fine world-respected Association it is today. But I can foresee even greater things in coming months and years for NASWA. And so, if I am elected, I promise to do my utmost for the general good, growth and expansion of the club so that in two years time we may look back and marvel again at what has been accomplished. Past growth is indicative of future possibilities, under good leadership. I solicit your vote in the election of Board of Directors.

DONALD N. JENSEN (Special Newspaper Reporter, married, 34.)

Being a member of NASWA since 1963, I have regularly contributed to the various sections and presently am serving as SWBC Center Editor, also as BOD officer. I believe that the one essential ingredient of the club, or any club, is its bulletin. A club rises or falls on the strength of its bulletins. Other club activities must be secondary to it. I believe *Frendx*, as source of information for SWBC DXers, is second to none. If I am elected to BOD, I would favor a continuation of the present editorial policies which attempt to consider the interests of both the beginner and the experienced DXer.

RICHARD E. WOOD (College Prof., single, 27.)

I think most NASWA members should know me for my Latin American "White Lists" which I compile annually (Latest edition is in the mill). You may also have read my (cont'd...)

Election, Board of Directors, cont'd.

series on "The Identification of Languages in DXing", or have seen my article on Radio Mil. More of these, based on my travels in 1967, should appear soon. Now that I have moved from Indiana to Hawaii (am originally from England), watch for some studies of Asian and Pacific stations. If I am elected to BOD, I will do my best to help NASWA adhere to the standards propounded in the two "Open Letters to all DX Clubs" (first written jointly by Cesar Objio and Victor Jaar, the second recently in my own name). Our hobby is now in danger from tricksters and senders of poor reports, and my aim will be to make NASWA a "shining beacon" of high standards and principles, based upon information and education which we can provide in *Frendx*...with particular attention to the different DX regions. Those DXers who know the delightfully illustrated offset bulletins of the leading Swedish and Finnish DX Clubs will understand me when I say that a main plank in my platform is a completely new, more ambitious (but realistic!) view of *Frendx*. We must think big!! If little Sweden and Finland can do it, so can the combined English speaking world. NASWA can help make the American man on the street aware of DXing, par his Swedish counterpart. And we must make *Frendx* a thoroughly professional (but still personal) club publication, with a decided improvement in technical content, spelling, grammar and overall presentability....something to be proud of!

WARREN NORDGREN (Toolmaker, married, 46.)

I consider it a real privilege to be a candidate for NASWA BOD. Two years ago I became a member of the Association and have found the relationship not only interesting, but also beneficial. The high point of my experience with NASWA has been the friends I have made. Our hobby thrives on friendships and I have found that NASWA promotes this idea thoroughly. In 1967 it was my pleasure to be one of the hosts of the ANARC Convention. This year too I was accepted to serve on the ANARC Freq. Recommendation Committee. Looking back over the past two years I am amazed how we have progressed and how *Frendx* has come to be known, respected as the "Journal for SWBCers". When I first joined, there were only 5 members who had VIC 100, nowadays there are five times that many who have reached the goal. I feel this means that in the future, many of us will have to seek other areas of the hobby to replace our HIC/VIC interests. As an example, our editors have already done this to a certain extent. Others have taken to writing articles or concentrating on one area of DX (Latin America for instance). I myself have become very interested in the new SWL or DXer. I remember well how when I began I sought help and advise from a friend in a nearby city, and how he gave me encouragement. This then is where I base my platform...on doing my best to keep NASWA the worthiest and friendly Association it is, yet to help it grow, improve, and to be a friend to those new and beginning SWLs/DXers in our ranks. I will appreciate all votes.

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NOTE: Three of the above candidates are to be elected to Board of Directors for 1968-70 term of office and will, along with Hdqs., govern the NASWA. It is the responsibility of each individual member to exercise his voting privilege hereto. With this edition of *Frendx*, every "in good standing" member will receive a ballot form. This form is to be filled out per instructions thereon, and mailed to NASWA Hdqs so as to arrive by 16 March latest. Election results will be announced in the April edition of *Frendx*. All ballots will be kept on file for the inspection of any/all officers or members who may have want/reason to check them against final/official tabulations.

Read carefully, consider closely what each of the six candidates have to say about themselves and their ideas re NASWA/*Frendx* future. Vote for those (3) which are in linewith your own personal thoughts/ideas or whom you think will serve you and the club best.

There is no reason why all members cannot vote. This election is of vital importance to the club and all members should make it a point, proving their interest, by taking the time to fill in ballot and return to NASWA Hdqs by March 16th latest.

Elect new Board of Directors! Exercise your right! Vote! Complete ballot, return today!

"THE
OPEN
MIKE"

Comments/opinions/criticisms/suggestions regarding subjects and matters pertaining to clubs, bulletins or hobby proper...The Open Mike is medium via which any/all members can "speak out". The only restrictions are that letters must not exceed 500 words, not infringe on political, religious topics.

Because NASWA is the most rapidly growing club in North America, and because it has made a name as one of, if not the best; I feel steps should be taken to keep out well known hoaxers, false reporters and trouble-makers. These creeps add nothing to the DX hobby, and in many cases they cause serious setbacks. Some intentionally originate and start completely false rumors. Some, in trying to show their "DX skill", send fake reports to stations. The stations being aware of fact they receive fake reports, may even refuse verifications to factual reports. This will indeed make the job of the ANARC QSL Committee most difficult, if not impossible.

With the election of the new Board of Directors, I hope to see a rule passed, stating that any member sending in false reports, to Frendx or to stations, be listed as a member not in good standing. I don't mean those who make occasional mistakes, but those who purposefully or intentionally fake reports. I think they should be blackballed and refused membership in any ANARC affiliated club. I would like to hear comments on this from other members.

Mike Mochizuki, Hawaii

I think the idea to list Loggings by time is an excellent one. A number of us members use the Log Report as a schedule for our DXing...similar to our local Radio-TV listings. I am sure a set up of this type would work out well.

Andy Pappas, Illinois

In my opinion, the Logging section should be listed by country. When a DXer looks for DX, he usually has a particular country in mind; Listing by country would simplify matters in that he would only need to go down the list until he finds the country, then would find the time and frequency.

Gary Galo, Vermont

In the past few months there have been a number of letters concerning advisability of changing Log Report format; Without trying to sound hopelessly conservative, I like it as it now is, by frequency. While some members prefer listing by country, and some are for listings by time, majority favor present format and I think we should stick with it.

Steve Cohen, Connecticut

Regarding the format of Log Report being changed to listing by country; Although I would approve of it, I still find the present format useful. When I receive my Frendx each month, I go over the list and pick out the countries I am interested in. It only takes a very few minutes per month.

Fred Baines, Nova Scotia

Most every Sunday, Radio Australia regurgitates masses of tips from Frendx. And as is usual, there is no mention of NASWA's address or anything else which would actually benefit our club, beyond the bare acknowledgement. I think this is totally unfair! When I contribute tips to Frendx, I am doing it to help the club and my fellow-DXers, and have no wish to see them abused by a station which does not mention the name of the listener, nor the address of the club.

Richard Wood, Hawaii

On the matter of disappointment re the recent lack of interest shown in contest; This seems to be a common problem with all clubs these days. Members are delinquent in taking advantage of something that will benefit them tremendously. What is the answer? The leadership must not get too discouraged, and must look at all the positive ways in which club members respond. NASWA can, for example, take real pride in its growth.

Frank Richardson, Virginia

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MIMEO FUND

Thanks to those who have already donated, and to those latest to do so (listed here) our mimeo fund continues to grow and now totals \$185.65. It is gratifying to know that many members agree with us in continuing to accept donations/contributions for this fund so that it might also be possible to purchase an addressing machine in addition to the mimeo. Thus we again solicit your help in any amount (cash, check, mint stamps, IRCs, money-orders, etc.) Special thanks this month go to: Barry Deal, Bob Spieler, Ralph Washofsky, Mike Macken, Jim Gallucci, Stan Mayo, Gary Mickle, Norman Jacobson, Steve Cohen, Wally Reed, Clarke Thacher, Frank Grochowski, John MacDonald. Others wishing to contribute need merely mail to NASWA Hdqs direct. Thank you!

ERROR MAKES WORK

The 1968 edition of PE Communications Handbook, recently off presses, contained info re NASWA and other clubs. It was however, regretful to note that an error was made by the publisher, and that wrong data was given as to our membership fee. Lately we have been receiving a number of letters (sans application forms) with \$4.00 fee, requesting membership. Much time, extra work is required, being we have to return the inadequate fee, inform of the correct, and write letters of explanation, enclose application form. Even so, we still most appreciate the plug in the magazine and extend our thanks, realizing that errors do occur at times.

WRTH ORDERS

To date we have received 82 orders for the 1968 WRTH from NASWA members. Also to date, we have had no word from the publisher re shipment. It had earlier been said that this publication was to be released mid-December, yet so far as we know, none have been received/mailed. Please do not write to club Hdqs on this matter; We will keep you informed or will, most assuredly, mail all orders as soon as we received shipment from publisher in New York.

DO YOUR DUTY!

Elsewhere in this edition of Friendx is the data re election of new Board of Directors. Be sure to read and be sure to vote. There is ballot form provided. Vote for your new BOD! Do it today, now!!!

AROUND THE CLUBS

ASWLC: Executive Editor-Stewart MacKenzie announces, with approval of BOD, that C.M. Stanbury has been replaced by Donald W. Billingsley as editor of "SWL" Shortwave Review section.

CDXC: Prexy Ralph Irace informs of a new address for his club Hdqs; 33 Campfield Avenue, Hartford, Connecticut.

NNRC: Bill Shultz-President, alerts his members that increase in third-class mail rates may possibly necessitate/force an increase in membership fee.

IRCA: President-Larry Godwin reports his clubs membership fee's have been upped, due new postal rates, and are now \$5.50 3rd class, \$8.00 1st class, \$11.00 airmail.

CIDXC: Richard Little has taken over the HamBand column in "Messenger". He held same post with NASWA when we were NASA.

FDXCI: Eric Gagneur-Editor of this Finnish club, gave NASWA/Frendx a most appreciable write-up in the January edition of the "Attention B" bulletin.

HELPING HAND SERVICE

Wanted: A used Zenith TransOceanic radio, in good condition, reasonably priced. Contact Barry Deal, 507 South 18th Street, Ord Nebraska 68869.

Wanted: White Lists from the May, June and August editions of Friendx; Also the article on Soviet stations appearing August edition. If necessary, I will copy and return, will be glad to prepay postage. Write to Steve Cohen, 33 Edgewood Dr., Norwalk, Conn. 06850

Wanted: Power supply for BC-454 surplus rx. Must be AC. Inform me of condition, price, etc. Mike Mochizuki, 2365-A Palolo Avenue, Honolulu, Hawaii 96816.

Wanted: Complete edition of December '67 Friendx. Will be happy to pay postage. Steve Bass, 615 McAlpin St., Apt. 2B, Cincinnati, Ohio 45220.

SORRY FOR DELAY!

Due to this, that and the other thing, we regret still not having everything set re our new/revised awards program; thus cannot yet make official announcement or release it. However, there is a happy side to this; It will give more members added time to get more QSLs, therefore making them eligible for more awards when the program is completed and released.

We are hopeful all will be ready soon.



WELCOME NEW MEMBERS

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

JOHN DUNNINGTON, Route 1 Box 7, Zanesville, Ohio 43701. Age 51, married, works in a Plastic manufacturing plant. Rx is Hallicrafters SX-110 and S-118. Antenna is longwire. Interested in awards, contests, fishing, boating and photography. New to hobby. Read of NASWA in Radio-TV Experimenter magazine.

BERT BRUMMEL, Jan van Galenstr 47, Hengelo (O.) Netherlands. Age 23, single, Secretary to town official, Municipality of Hengelo. Rx is National HRO 5-T. Antenna is outdoor vertical. Interested in awards, contests, sailing, music, literature and politics. A member of BDXC, ISWL and RJSWC. Learned about NASWA via Maarten van Delft/BDXC.

SCOTT MOELLER, 1925 Firethorn Lane, Villanova, Penna. 19085. Age 17, single, highschool student. Rx is Magnavox 151B. Antenna is indoor loop. Other gear is Craig tape recorder, model 212. Interested in awards, contests, coin collecting and music. Member of RSA Monitoring Panel. Read of NASWA in Popular Electronics magazine.

KIM ELLIOTT, 2229 Roys Avenue, Elkhart, Indiana 46514. Age 16, single, highschool student. Rx is Knight StarRoamer. Antenna is 70' longwire. Other gear is A.C. tape recorder. Interested in awards, contests, creek floating, drums (band and orchestra). Member of RCSWC. Read about NASWA in PE and RTVE magazines.

STEVE WOOD, 6120 Primrose, Indianapolis, Indiana 46220. Age 20, single, attending Purdue University. Rx is Hallicrafters S-120. Antenna is 50' longwire. Interested in contests, awards, stamp and coin collecting. NASWA is first club, read of it in PE.

DONALD MITTMANN, 20 Marlborough Road, Norwalk, Conn. 06851. Age 13, single, highschool student. Rx is Lafayette HA-63A. Antenna is 75' and 50' longwires. Interested in awards, contests, writing, sports and electronics. Member of WDXC. Heard of NASWA via friend/member Paul Montefusco, former President of NEDXA.

ALBERT MADDER, 6 Valmount Ave., West Hill, Scarborough, Ont., Canada. Age 48, married, employed as Pinkerton Guard. Rx is a WWII surplus Traciver N19-Mark 2. Antenna is longwire. Interested in awards, contests, ham radio, hockey and birds. Member of ICDXC and ISWC. Learned about NASWA via a U.S. ham radio operator.

EDWARD O'CONNOR, 15 Cleveland Street, Englewood, New Jersey 07631. Age 14, single, highschool student. Rx is Lafayette HA-226. Antenna is 150' V trap. Other gear is Universal tape recorder. Interested in awards, contests, model rocketry, cardswaps, sports and geography. Member of BBCWRC. Read of NASWA in PE magazine.

DAVID COX, P.O. Box 16, Carrollton, Alabama 35447. Age 16, single, highschool student. Rx is Realtone Globepacer TR-2663. Antenna is a longwire. Interested in awards, contests pop music, football, hunting and water skiing. Read of NASWA in PE magazine.

MICHAEL SILVERSTEIN, P.O. Box 71-Midwood Sta., Brooklyn, New York 11230. Age 16, single, highschool student. Rx is Lafayette HA-226. Antenna is 150' longwire. Other gear is a Belcor 302 tape recorder. Interested in awards, contests, cardswaps, tapesponding, coin and stamp collecting. Member of several SWBC Station clubs, also FDXC and WDXC. Heard of NASWA via friend/member Edward Shaw, USN.

WALTER MISCICHOWSKI, 20 Roslyn Street, Buffalo, New York 14211. Age 47, single, vocation is fireman. Rx is a Hammarlund HQ-145A. Antenna is 100' inverted L. Interested in awards, and QSL's. Member of NNRC and ISWL. Read of NASWA in PE Comm. Handbook.

IRIS STARK, Canning, Kings County, Nova Scotia, Canada. Age 20, single, attending St. Mary's University, Halifax. Rx is Hallicrafters S-120. Antenna is 30' longwire. Interested in awards, contests and tapesponding. Other equipment is Sony 102 and 105 tape recorders. NASWA is first club; Read of it in PE magazine.

More New Members, next page...

New Members, cont'd.

- DAVE DOMINEY, 5651 So. Gary Avenue, Tulsa, Oklahoma 74105. Age 17, single, highschool student. Rx is Silvertone model 6228 (tri-band). Antenna is longwire. Interested in awards, contests, golf, music, reading and traveling. Plans to become ARO. Former Texan. Read about NASWA in PE magazine, joins as first club.
- BURTON C. HOYT, RFD#3, Houlton, Maine 04730. Age 47, married, clergyman. Rx is surplus BC 342. Antenna is 60' longwire. Interested in awards, contests, QSL's, photography, stamp collecting and AWO. Member of RCSWC. New to hobby. Native of New Brunswick, Canada. Plans to interest 12 year old son to hobby. Read of NASWA in PE magazine.
- ROBERT BOYER, 1161 Shakespeare Avenue, Bronx, New York 10452. Age 25, married, is an electronics engineer. Rx is Hammarlund HQ-145A. Antenna is Mosley SWL7. Other equipment includes Ameco PreAmp and RK-142 tape recorder. Interested in awards, contests, also electronics. Introduced to NASWA via Luis Molina friend/former member.
- KANJI HAITANI, 215 Friedline Drive, Carbondale, Illinois 62901. Age 34, married, college Professor. Rx is Drake SW4A w/RCA Stratoworld III as standby. Antenna is multi-band halfwave dipole. Other gear includes Ameco PCL-PreAmp. In hobby as SWL since 1957 when came to U.S. from Japan. Read about NASWA in PE magazine.
- DAN OLSEN, Route 3 Box 3, Silverton, Oregon 97381. Age 15, single, highschool student. Rx is National NC-190. Antenna is 100' inverted L. Interested in awards, contests and cardswaps. Been in hobby since '64. NASWA is first club. Read of it in EI magazine.
- JOHNNY NABORS, P.O. Box 547, Mexia, Texas 76667. Age 16, single, highschool student. Rx is Hallicrafters S-120. Antenna is 90' inverted L. Other gear is tape recorder. Interested in awards, contests, fishing and electronics. New to hobby. Has plans to add new rx/equipment to shack. Read about NASWA in RTVE magazine.
- S. Y. TENG, 905 So. Hawthorne Drive, Bloomington, Indiana 47401. Age 61, married, college Professor. Rx is Drake SW4A. Antenna is Mosley SWL7. In hobby to gain balanced point of view, to become better informed, and as aid to improve teaching techniques. Especially interested in broadcasts from China, Japan and Russia. Heard of NASWA via Richard Wood.
- TIMOTHY STALEY, 2125 Markley Drive N.W., North Canton, Ohio 44720. Age 16, single, high-school student. Rx is Hallicrafters WR-100. Antenna is 80' longwire. Other gear is a tape recorder. Interested in awards, contests, cardswaps and electronics. New to hobby. NASWA is first club; Read of it in PE magazine.
- WILLIAM BERGHAMMER, 113½ West 15th Street, New York, N.Y. 10011. Age 22, single, student at City College New York. Rx is Drake SW4A. Antenna is Mosley SWL7. Other equipment is Haeth Q-multiplier, RME DB-20 preselector. Interested in awards, languages, literature, history and politics. More interest in SWling than DXing. Read of NASWA in WRTH.
- CHARLES OREKAR, 74 Teddy Avenue, San Francisco, Calif. 94134. Age 22, single, graduate of SFSC '68. Equipment includes Hammarlund HQ-180, Drake SW4A, Hallicrafters SX-62 and SX-42; Three tape recorders. Antenna's are 50' longwire, 33' folded dipole, 65' dipole. Interested in awards, contests, stamps, sports, astronomy and gardening. Introduced to hobby by father, DXer since 1940. Read about NASWA in SCDXers bulletin.
- DONALD ELLIS, 700 2nd Avenue N., Troy, New York 12182. Age 56, married, gas foreman. Rx is Hammarlund HQ-140X. Antenna is longwire. Ham radio op K2OXU. Aside from radio, interested in astronomy, photography, hunting and fishing. Read of NASWA in RTVE.
- F. EARLE HALL, Merrill Bldg., Winchendon, Mass. 01475. Age 57, married, dentist. Rx is National NCX-100. Antenna is doublet. Other gear is preselector. Interested in stamps, coins, golf, fishing. Began in hobby '32, lost interest, now returning with more time. Member of ISWC. Read about NASWA in PE magazine.
- MICKEY KOEHMSTEDT, Box 146, Fisher, Minnesota 56723. Age 15, single, highschool student. Rx is GE WorldMonitor. Antenna is 100' longwire. Other gear is Sears 6249 tape recorder. Interested in awards, contests, tapesponding, electronics, guitar and sound effects. New to hobby. NASWA is first club; Read of it in PE magazine.
- DOUGLAS EDMONDS, P.O. Box 382, Iowa City, Iowa 52240. Age 27, married, attending Univ. of Iowa. Rx is Hammarlund HQ-180A. Antenna is Mosley SWL7. Interested in awards, QSL's and rare DX. In hobby about a year. Member of NNRC. Read of NASWA in PE Comm. Handbook.
- ANDY RODAU, 1423 Vian Avenue, Hewlett, New York 11557. Age 14, single, highschool student. Rx is Hallicrafters S-120. Antenna is 50' longwire and 30' vertical. Interested in QSL's, awards, contests and electronics, cardswaps. Read about NASWA in PE.

New Members, cont'd.

- GEOFF OATES, 2576 West 2nd Avenue, Vancouver, B.C., Canada. Age 38, single, CBC-TV employee. Rx is Hallicrafters S-76. Antenna is Joystick w/Joymatch. Other gear includes Sellenak and Philips tape recorders. Interested in awards, QSL's, photography (color Polaroid) and travel. Born in Australia where began in hobby. Active 1944-58, then came to Canada, restarted in hobby Feb. '67. Member of BBCWRC. Read of NASWA in PE Comm.Hndbk.
- VELI-MATTI KUPARINEN, Viisaritie 29, Tavastberga, Hamevaara, Finland. Age 21, single, attending Helinski School of Economics and Business Adm. Rx is Drake 2B and surplus BC-348Q. Antenna is a dipole. Interested in awards, QSL's, politics, photography and travel. Member/editor of Suomen DX-Kuuntelijatry/"DX-Kuunteliija". Also member of URK, FSDXF, DX-LC, SDXF and MIRAMO. Heard about NASWA via "DX-Kuunteliija".
- GILBERT HUGGINS, JR., 308 Whitmire Street, Brevard, North Carolina 28712. Age 18, single, a sales clerk. Rx is Hallicrafters S-40B. Antenna is 200' L-shaped longwire. Interested in awards, contests, cardswaps and photography. New to hobby. Read of NASWA in RTVE.
- LARRY WEILER, 128 Moore Avenue, Kitchener, Ont., Canada. Age 21, single, a shipper. Rx is an A.G.S. Trio. Antenna is longwire. Other gear is tape recorder. Interested in contests, awards and ham radio. New to hobby. Read about NASWA in PE magazine.
- JAMES PERRETTA, 134 Sikes Avenue, West Springfield, Mass. 01089. Age 24, single, industrial and computer electronics repairman. Rx is Hammarlund HQ-170A w/Knight StarRoamer as standby. Antenna is a doublet and a Joystick. Other gear is Heath Q-multiplier and a Roberts 770X tape recorder. Interested in awards, contests, tapesponding, skiing and hunting. NASWA is first club; Read of it in PE magazine.
- EDMUND WESCHLER, 6514 Walton Way, Tampa, Florida 33610. Age 59, married, a brewer. Rx is Hammarlund HQ-180AC. Antenna is dipole. Interested in stamps, coins, QSL's. Other shack gear is Telefunken tape recorder. Member of NNRC. Read of NASWA in WRTH.
- ROGER S. HORIE, CMR Box 1473, Mountain Home AFB, Idaho 83648. Age 23, single, serving w/USAF. Rx is Hallicrafters S-240. Antenna is built-in. Interested in awards, contests, cardswaps, reading, golf and skiing. New to hobby. Member of NNRC. Read of NASWA in RTVE.
- LARRY BOREEN, 1217 Bradley Street, St. Paul, Minnesota 55101. Age 22, single, employed by USPO. Rx is Lafayette HA-230 and HA-350. Antenna is Mosley SWL7 and HyGain 18V. Interested in awards, contests, cardswaps and scuba diving. Read of NASWA in PE Comm.Handbook.

Note: Once again there were additional new members joining, but not listed due they had not yet submitted completed application forms as required. We list only those sending proper fee and completed application. We do not accept "subscriptions"!!!

RENEWALS

RENEWALS

RENEWALS

One of the best ways a club has in knowing it is being appreciated is by the number of renewals from members. We therefore are most pleased to welcome the following back for another year. Bruno Colapietro, Robert Palmer, John Zaharek, Trev Burke, Jim Pollak Jr., Don Precosky, Bruce T. Goldman, Gary Mickle, Jim Eller, Lou Janicek, John MacDonald, all for their second year; Paul Donegan, Dan Henderson, Melvin Flannagan Jr., their 3rd year; Dave Kilborn, his fourth year.

FEBRUARY BIRTHDAYS

Many happy returns to the following members celebrating this month. 73 to one and all!!

- | | | |
|-------------------|----------------|---------------------|
| 2 Marty Fogel | 8 Ken Sedlacek | 15 John Lindgren |
| 2 Dan Robinson | 9 Jerry Green | 16 Gil Huggins Jr. |
| 3 Kim Elliott | 9 Burton Hoyt | 18 Jim Perretta |
| 4 Steve Bergmann | 9 Ken Newman | 19 Robert March |
| 5 Fred Bacon | 12 Bill Graham | 19 Doug Edmonds |
| 5 Dan Trigilio | 12 David Mayes | 24 Gary Psota |
| 8 Sam Rowell | 13 Mike Rude | 24 Harlan Strothers |
| 8 Ralph Washofsky | 14 Steve Kamp | 25 Don Herbert |
| | | 28 George Schnabel |

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Exclusive

~~LOUDENBOOMER~~~~REPORT~~

Exclusive

LOUDENBOOMER REPORT

One day last week, after spending 15 minutes at the dials and hearing nothing more interesting than Portuguese Timor, Cook Island, Macau and Bhutan, I decided to relieve the large amount of nervous tension inside me (no new country in three days!) and go for a walk along the beach. An hour later I was still strolling along the golden California sands when I noticed something bobbing in the water. Curious as to what it might be, I splashed daintily into the laughing surf and fetched it. It proved to be (how did you guess?) an old beer bottle. Inside was a 1948 edition of the World Radio Handbook. Delighted with my new-found antique, I tenderly leafed through its pages and to my surprise a sheaf of papers fell out. On those papers was a truly amazing account. The author of said account made known his wishes thusly... "Whoever finds this message, make it known to the powers that be." Since I know of no better way of carrying out his wishes than through the Intercontinental Worldwide DX Association, I here and now relate this strange tale of passion and adventure.

Charlie Loudenboomer

FOOLS RUSH IN

or

EXCURSION INTO OBLIVION

by Silas P. Farquart

Part One

Part One

To whom it may concern. In these last few moments which have been granted us, I have taken it upon myself to relate to you this strange tale of passion and adventure. The others scream in terror of what awaits us, but I, thinking of the benefit of mankind, remain steadfast. With pen in hand....but I digress.

It all began one day last summer. The four of us, Dave, W6HOAX, Tom, W6TRIX, Perky (in his third year of studying for his novice ticket), and myself, gem of W6-land DXers, were sitting around Perk's radio den sipping at refreshments after an exhausting session listening for new states for Perk's H.A.S. Tom, who was inclined to be moody, suddenly threw his glass into an old stack of QST's, screaming "I'm sick of it all, do you hear? Sick, sick, sick!"

"What seem's to be the trouble Tom?" I asked in my usual quiet, understanding way.

"We never do anything anymore" replied Tom, sinking slowly into the west after his tremendous burst of activity.

"So what would you have us do?" demanded Perky. "It isn't easy for me you know, I have to sit around listening to these U.S. hams. I've heard everything else. Boy do I wish I lived in Montana or North Dakota or some other god-forsaken place like that; Then at least I'd have a chance."

Suddenly, without warning, Dave sat bolt upright in his chaise-lounge. "I have it" he exclaimed. "Let's go on a DXpedition!"

"To where?" said I. "You know darn well everyplace has been visited many times over."

"One moment" cautioned Tom. "Perhaps not. Do you remember reading about that strange island some years ago? Someplace called Nibi-Nibi, out in the Pacific. How about going there?"

"A stellar thought" said I. "Let's do just that. Let's go on this journey. Its sure to be a benefit to the entire DX world. I'm in the mood for adventure!"

"Personally, I could use a little passion, but I'm for it" agreed Perk.

Thus it was. Steps were planned that would, at length, set us upon the shores of fabled Nibi-Nibi.

The International Geophysical Magazine gave us details on the location of this tropical island. There was no doubt of its existence (so they said!) although it had not been visited, to their knowledge (that's not saying much!) in several years.

Next came the problem of transportation. But it was solved in superb style by Dave. A few days later he called us all together and said "Now I suppose you're wondering why I asked you here."

We blinked in amazement at his wonderful perceptive abilities.

(To be continued next month!)

NASWA-FRENDX

Hdq

Feb 68

formed. The main gist of contention seems to be, so far, that some feel the proposal is too far ahead of the times and others wonder whether or not it can be effectively activated and controlled. The proposal's founders wish the idea to be either accepted the way they urge, or vetoed. The Executive Secretary, on the other hand, has made known his position that the surcharge proposal might be more acceptable in a more digestible form: ie, that its adoption be made voluntary upon clubs, not mandatory. We of NASWA strictly veto this "change" attitude and will vote for the proposal in its original form as a step forward in the thinking of the association.

As we noted before, both the taxation surcharge proposal and the Loose-Leaf Reference Book Committee have the official endorsement of this club and its representatives.

And, in personal communications with others, we are assured of the "yes" vote of some of the major clubs, with others yet to be heard from and the lone dissenter so far CDXC.

Now...with Art's Permanent Loose-Leaf Reference Book Committee just last month given official ANARC Committee status, and with work having gone on behind the scenes since July, we present here a NASWA SCOOP Summary Report on the Committee, via Art Glover and a pre-issued News Release:

ANARC Reference Book Committee

Summary Report

(15 July -31 December 1967)

1. The project's first phase was a study of the size and makeup of the hobby, in order to determine the market potential for a reference book. This was completed in October, the resulting opinion being that an adequate market did indeed exist. Our figures, estimates and projections are available upon request.
2. Having received no response to our letter to EDXC (European DX Council, ed.) we have eliminated them from consideration as a possible participant.
3. WP interest in the project was getting too far ahead of us, and since EDXC was no longer being considered in the plan, we felt it advisable to carefully weigh the pros and cons of any affiliation with WP and came to a definite decision. Opinions were sought from Wood, Sparks, Klentz, Bennett, Niblack et al and the question was deliberated carefully and at length.... We concluded that the effort could best be served by keeping it as "local" as possible in all respects, including publication. Therefore Johansen has been notified that we intend to go it alone, prepare our manuscript, then seek out the best publishing arrangement we can come up with. The door was left open to him in the event... WP could make us the best publishing offer.
4. Work continues on various stages of planning and compilation. Ed Shaw, Mike Macken, Bruce Ted Goldman, Charles Milhans and Doug Benson (all NASWAers incidentally, ed.) all have been helpful workers. Niblack, Bennett, Jensen, Stolman, Nuemann and Nelson (more NASWAers) have willingly consulted on various

ANARC Report cont.

matters and most have offered to permit use of past articles. Shaw and Nuemann..leaving..military, so we will particularly need good writers. It is still early..We're optimistic we'll begin shortly to uncover more of the desired brainpower and brawn that we will need.

5. Major clubs were contacted directly with a request for an official statement - through their BOD and Executive Officer - that they would officially endorse the project, permit re-printing of selected articles and encourage ANARC's participation. CDXC was the first to respond with full support and that of NASWA has just been received. Others have acknowledged and promised replies as soon as necessary correspondence can be completed. We'd guess that full response should be completed and known by..(the time you read this, editor). So far , so good.

Respectfully submitted,

Art Glover

The preceding the first summary report issued by the new loose-leaf Reference Book committee. Comments and/or offers of aid should for now be addressed to the Chairman, QTH on page on of this report. The zip code is 98362. SPECIAL Information: Art has supplied us with a tentative listing of Section Headings for the Book, which, in his own estimation, may be years in the making;

Main Section Headings; Loose-Leaf Ref Book

- 0 Preface, etc.
- I Introduction to hobby
- II Radio Fundamentals
- III Propagation
- IV Reception
- V Equipment (incl. tape recorders)
- VI Reporting
- VII Clubs, organizations
- VIII Publications, references
- IX Charts, lists, maps
- X Advertisers

Paul Montefusco, young)13) president of the just-disbanded NEDXA which has had hard and trying times in the two efforts to "make a go of it" they've attempted, gets the NASWA "Award for Integrity" this week, in your Representatives' book. A personal letter from Paul says that all members' dues are being returned in full. This, friends, is no small financial chore for a lad of 13 years..A few dollars spent to us old-timers may be nuttin', just smokes money or gas money..But think back to when \$5 was plenty of cash for a couple weeks spending, and you'll appreciate Paul's efforts. Paul noted that he and another member were the near-lone contributors to the bulletin, and that his folks..always on the lookout for their son's welfare...realized that the time he was spending was possibly detrimental to his schoolwork etc., "urged" (hi) a smaller bulletin. The smaller bulletin, notes Paul, sounded the club's death knell two issues later. The behind-the-scenes efforts of editors like Paul speaks soundly of the love of we hobbyists for our hobby efforts. We're sure Paul's efforts will be hrd

NASWA-FRENDX

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ANARC report, cont.

again. Paul's new hobby post is as Special Features Editor for NESWLC. Good luck, Paul. And thanks for giving us some insight into the real marks of a man, regardless his age. DB

Ralph Irace, oft-controversial president of CDXC, notes to your editor that he's proposed a joint CDXC-ANARC Convention in his home state of Connecticut, noting that time is drawing short for the 3rd annual ANARC Convention site's pickings. From Ralph's letter here, twould seem that CDXC has already lined up their convention w/steak dinners, (slurp) etall and possibly some plans already. Ralph plans the site to be the Statler Hilton at Hartford as of now, although of course these things are subject to change. We agree with Ralph that an Eastern Convention is about due; First one was at KC, second at Chicago. One in Conn, then another out West, should round things out nicely. So the Association at least has one offer of a convention site. How about you? Willing to act as suggestor/coordinator for our next convention in your city? Needed offhand would be facilities for probably less than 100 attendees, a display area, nearby facilities for lodging and of course food, and a staging area for speeches, talks, etall. Most Inns, Hotels, even Motels have such facilities, and involved would be the reservation of such an establishment's facilities for 3 days or less. Any one of your three representatives would be happy to entertain your offers. So far, no locale has been decided upon, not any offers OK'd.

"Call to Reason", issued from Laconia by ye ed., was mailed to some 400 hobbyists. It was re-printed (we didn't expect that) in both FRENDX and ASWLC's bulletins, and we've received much comment, all favorable, on it. Bruno Colapietro, ANARCer, former committee head sends a note condemning the "nit-picking" in the hobby, his comments paralleling the Call to Reason itself. Other favorable comments on its content have come in, from hobbyists in every walk. We felt it well-timed for issuance at this time, and hope that it will serve as thinking material for the witches-brew-stirring factions in the hobby.

More-on-the-above-mentioned Irace proposal: Late word via ANARC newsletter has the executive secretary calling for vote on a site offered for the Convention..that of Omaha, Nebraska. However, Ralph notes in a carboned letter to reps that his proposal didn't get to the ANARC in-time and he's urging a holdoff of the choice untill the next newsletter, when his suggestion (supposedly) will be included for a vote. Whether representatives will wait, via the route of "choose another site" on the ballots, remains to be seen.

The executive secretary included a series of Operational Guidelines for representatives' vote, one point of which is safeguards for the association on newer clubs admissions; ie, with 6 months solidarity trial period etall. We'll carry the voted results here next month.

Fircrest DX Club is circulating a petition to the hobby, aimed at getting the International Telecommunications Union to okay utility verification practises; ie in the QSLing of the tests and taped markers, not (which is illegal) the verification of any messages hrd. We wish them luck. If you'd like to sign or comment, write NASWA Reps and we'll see that FDXC gets word of your support. Untill next month best wishes and "keep in touch" from Art, Doug and Frank.



SHORTWAVE BROADCAST CENTER



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

MEMBER'S COMMENT

Some DXers and bulletin editors have claimed that, due to trickery and malpractices the QSL has lost all or most of its value. This is untrue. The value of the QSL will stand or fall with every value and every concept of our hobby. If our hobby falls, it will fall completely or not at all. Receiving, reporting, verifying, sending tips to clubs, etc. -- all will fall together -- or else all will survive and maintain their standard. Not just survive, they must all improve....

- Richard E. Wood

DREAM STATION

Suppose you had unlimited funds with which to outfit your listening post. What equipment would you choose?

During the next couple of months, we'll present NASWA's "Dream Shack". To do so we'll need your assistance. Send us your choices for equipment you'd choose if money were no object. You might include, of course, a receiver or two, antenna system, auxiliary equipment, tape recorder, typewriter, etc. If you can, please include some information about your choices, and the price.

To start things off, here is your SWBC Center Editor's choice of a frequency meter, a piece of equipment no dream shack would be complete without:

RACAL 801R 100MHz Digital Frequency Meter is manufactured by Racal Instruments, Ltd., of Crowthorne, Berks., England. It measures frequencies between 10 c/s and 100 mc/s., providing a digital readout of the frequency (that is, a visual display of the frequency in odometer fashion). Readout of frequency is shown to eight digits, ie, 15.487969 mc/s. It is priced at £ 995 in Great Britain. With the devalued pound, that figures to \$2,388. Add to that the 11½ per cent import duty, the RACAL 801R would cost \$2,662, plus transportation charges to the U.S.

TRISTAN DA CUNHA

It seems that earlier reports were true. There is a broadcasting service on lonely Tristan da Cunha in the South Atlantic. Alan Hemming, who has just returned to the island after a leave in Great Britain, combines the duties of postmaster with those of commercial radio operator. He also operates the ham station ZD9BE, using a recently acquired Swan 350 transceiver and 3-element tri-band array.

As a further sideline, Hemming also provides a regular BROADCASTING SERVICE for the 250 inhabitants of the island, including record requests programs. Formerly, Hemming was GW3SWQ in Wales.

Anyone know whether Hemming (ZD9BE) uses the ham gear to broadcast his programs, or is there supplementary broadcasting equipment. If so, is it medium or shortwave? Maybe one of you readers would like to find out for us.

...Via "Wireless World"

CBC CUT DRASTICALLY IN ECONOMY MOVE

As a part of a general reduction in public spending, the Canadian government has announced in Ottawa that the Canadian Broadcasting Corp.'s request for operating funds in 1968-69 has been reduced by \$11 million. As a result, a planned expansion of CBC color-TV facilities will be deferred.

Revenue Minister E.J. Benson, who announced the budget cut, said the move was part of the government's program to check inflation and combat rising unemployment. Mr. Benson said the CBC must also trim its capital spending program for 1968-69 to \$25 million from the requested \$57 million. The budget this year is \$30.

The revenue minister also said that the regular operating budget of the CBC will have to pay for shortwave and other broadcasting services to Northern Canada and the armed forces overseas. The CBC's international service, which cost \$3.8 million to run this year, has received its funds from the government's external affairs department since it was set up in 1945. The CBC has always operated the international service but has never paid for it.

Early in December a flow of protests was received at government offices in Ottawa on the strength of reports that the CBC's international service, beamed abroad in 11 languages, might fall victim to the federal austerity axe. The treasury board, the cabinet committee that approves all government spending, was reported to have recommended that the shortwave service be scrapped.

In defense of the service the CBC said that to abandon it would mean losing 26 shortwave frequencies to other countries. The Canadian Labor Congress, Canadian Union of Public Employees, Canadian Broadcasting League and some MP's (members of parliament) all got on the record against any abandonment of the service.

...Broadcasting Magazine via G. Dexter

ED. Note: And so, as reported in Frenx last month, the CBC's international service will continue, but its funds must come from the regular CBC budget. It must be assumed that though the international service will continue to operate, it probably will be at a somewhat reduced level.

LARGEST TAXPAYER IS A RADIO STATION

LUXEMBOURG - Radio Luxembourg, the private radio station, is now the Grand Duchy's principal taxpayer. Only a few years ago there were not many who would have thought this could happen, but broadcasts in German, which began 10 years ago, have helped the station to this position, formerly held by the iron and steel industry.

...Pittsburgh Press via Alan Jeeves

REMIND ME NOT TO WRITE THE MIAMI HERALD

The Miami Herald, in its Sunday supplement magazine, "Tropic," features a column called, "People, etc," in which they invite reader's questions. They claim to give the inside dope in answer to these inquiries. Recently the following appeared:

"Q. - I understand there is a top-secret U.S. radio station broadcasting propaganda to Castro's Cuba. The station is called Radio Libertad. Where is it located and who operates it? - S.B. Clark, Coconut Grove.

A. - Radio Libertad-if it exists- is so top-secret that nobody knows about it. It's unlikely that a new station has been created recently; probably you're thinking of Radio Americas, which broadcasts into Cuba from Swan Island in the Caribbean, or Radio Free Cuba, a program broadcast from Miami, Key West, New York, and New Orleans until about six months ago. The "commercials" are strictly U.S. government, and the sponsor-though it has never been said officially- is the CIA." ...Via Dan Ferguson

So, doesn't it make you happy to know something the Miami Herald doesn't???

REPORTS TO LATIN AMERICA by Cesar Objio, Dom. Rep.

Many are the complaints voiced by SWLs through periodic publications against the non-replying policy of certain stations in Latin America. Station managers are constantly being blamed either by bulletin editors or by angry reporters who have sent reports to stations, with IRCs. Why this silence?

It is a usual habit of persons, including SWLs, to think mainly of themselves, blaming somebody else and claiming their rights should be considered. But has anyone given a thought, or put himself in the place of the Latin American station director? I doubt it. But living, as I am, in the area, I have seen myself in uneasy situations because of letters received by stations from listeners asking for verifications.

Too much has been said about how to write a correct report; it is practically useless to mention the same thing over and over again. The blame is easily hung on the necks of beginners and non-club members, unaware of the hobby's "rules." Yes, there are many of these, but there are others too. Here are some of the things that should be taken into consideration when mailing a report to a station in Latin America.

LANGUAGE - Latin American countries speak Spanish, Portuguese or French, mostly, as you can hear via their broadcasts. Then, why send a report completely in English? Have you considered that if you don't speak Spanish, they may not speak English? What would you do if you continually received Spanish-written letters and didn't understand them?

The answer is easy for SWLs with tape recorders. Send a tape with at least the identification of the station heard. This is one good way of making yourself understood. If you don't own a tape recorder use one of the NASWA Spanish, Portuguese or French report form aids. This will help. But never take for granted that there will be someone at the station who can read or speak English. By all means, try to use Spanish; your effort will produce good results.

DETAILS - A detailed report is a must and names should be mentioned. If you don't speak the language, pay close attention to commercial announcements which are often repeated. Try to catch the product name, even though you cannot write the word exactly in your letter. Often they can be understood by the phonetic pronunciation you've written. Other helpful items are song titles; most of the stations buy foreign made records and English names of popular songs can be mentioned and will be understood. Also often played are sound-track selections from well-known movies.

POSTAGE - Most Latin American stations are poor enterprises with two or three persons working, including the owner. They have no personnel for replying to lots of letters, especially when in a strange language. At first they may be overjoyed, but after a few are received, they can tire of replying since it doesn't help them commercially. On the contrary, money has to be spent on stamps. When you have to reply to 50 letters and mail them, it can be more than tiring. For example, rates from the Dominican Republic range from 10 cents to the U.S. to 50 cents to Australia, air mail. Another important fact is that some Latin American countries won't exchange IRCs, or if they do, stations may be located in small towns far from metropolitan areas and postal employes won't risk exchanging them without a direct order from the central communications office. Station owners have to pile them up or throw away these "useless" papers. (Remember that in the Dominican Republic, IRCs are not exchanged). While IRCs may have use in some situations, if you have unused (mint) stamps from the country you intend to write, it is better.

THE HOBBY - Most important of all, our hobby is not understood by small town stations. They don't know what a QSL is. They don't know about the SINPO code. After explaining it they still don't want to believe it and pay no attention because they think it is strange or queer. They ask again, "Is that all they do; listen to the radio?" Then they laugh. The proof of this is the fact that there are so few listeners in Latin America; the hobby is unknown, mostly because most don't know English.

LATIN AMERICAN REPORTS

English, of course, is the language in which much of the hobby literature is written.

Another fact deserving mention is that many stations see no difference between the reception on shortwave and medium wave.

Not all stations are like this, though. Many stations in the capital cities have learned about the hobby and can distinguish between a merely friendly letter and another asking for a verification. Explanations provided by intelligent DXers have helped to open the doors and helped the hobby to become better known.

Why repeat the facts above? I have seen too many reports coming to stations in the Dominican Republic, all in English and undetailed. Many are sent by experienced DXers who should know all of this.

Finally, don't forget you are asking a favor. Try to prepare your report in such a way as to make it easy for the station to handle. Give as much help as you can. You are more interested in receiving a reply than the station is in hearing from you.

...Cesar Objio

EDITORIAL NOTE: Cesar's remarks, made by an experienced listener living in Latin America, are well worth noting. However, having traveled in South America, I have visited stations perhaps more primitive than in the Dominican Republic. At some of these a received tape recorded report would be useless, since they are not equipped with playback equipment. Further, for many listeners, the cost of sending tapes to stations, without guarantee that they would be returned, must be considered. Cesar's suggestion that an alternative might be the use of report form aids could well be the answer in these cases.

RADIO CRISTAL CLOSED FOR TWENTY-FOUR HOURS

Radio Cristal, HIMS, one of the Santo Domingo, Dominican Republic stations operating on 570 kc/s., mw, and 5,010 kc/s., sw, (currently off the air on shortwave) was ordered to be closed by the Direccion General de Telecomunicaciones after a news program released at 1:30 p.m., Dominican time, Nov. 28.

The charge was that on the newscast, a story was given which was considered to be false and liable to create unrest in the country.

After an investigation, Nobel Alfonso, director of the station, stated his responsibility for the veracity of the news. When the owner, Jose Brea Pena, and actual Secretary of Industry and Commerce of the Dominican government, heard about this he fired Alfonso from his position as director.

The next day at its regular time the station was allowed to sign on. A new director was appointed, Dario Aracena.

...Cesar Objio

INDONESIAN NOTES

Loggings Editor Del Hirst reports that he has received assistance in identifying some of the regional Radio Republik Indonesian stations from an Indonesian temporarily living in Snyder, Tex., studying water-flood methods of oil production.

Del's acquaintance, Tur Mardijono, an employe of the Cal-Tex firm, listened to some of Del's tapes of RRI stations and offered some interesting information.

Should you hear one of the RRI stations with a bird call IS, you can be sure you are tuned to Djogjakarta, according to Mardijono. This particular station is the only RRI station to use this interval signal, the call of the Perkatut (pronounced almost like perkatoot). The bird is very small, smaller than a dove. They have a strong voice and are much liked by the Indonesians. The bird call signifies the "Java" news carried by the Djogjakarta station, in one of the three main Javanese dialects.

...Del Hirst

COMPETITIONS - SCANDINAVIAN STYLE

Ever since the beginning of the '50's, Scandinavian DXers have had several DX competitions each year in a style rather unfamiliar to other countries. During recent years it has spread to the Benelux countries and European DXers have had one opportunity to have a go at this kind of competition. But so far, no competition has been arranged by others than the Scandinavian clubs.

We in Scandinavia find this branch of DXing a most stimulating one and in the following I shall try to give you an idea about how it all works.

It is really quite simple. A number of radio stations are selected and contacted by the contest manager. An agreement is made, either to transmit a special announcement for the contest on a certain day, or to feature a recording made by the arranging club. There is also the possibility of using a regular transmission as a contest program as long as the contents of the program are given to the arranging club in due time.

When a sufficient number of participating stations have been gathered, the contest schedule is prepared. It contains dates, times and frequencies of the stations with the special programming. The schedule is mailed so that the participating DXers receive it no more than a couple of days before the contest starts.

What about the participants? Well, they consist of DXers who read about the contest in advance and who have paid a small contest fee in order to cover the expenses of the arranger, or even give him a small profit. The fee is usually about equal to 50 cents to a dollar.

In some contests, the participants are divided into classes, one for juniors (below 17) and one for seniors. Another classification is one for DXers with less than 50 verified countries and one class for others.

And so the first day of the contest comes and the participants try to log the participating radio stations at the fixed times. Each program includes a number of clearly distinguishable program details (as defined in the rules) and the one to log the most stations (and the most details) wins.

The system of ranking the winner varies, however. The simplest way is the following:

The DXer to hear the most stations wins, but if several have an equal number, the number of approved program details is counted. Other systems have been tried. One is to give a difficult station a value of 10 points and an easier one 5 points. It is our experience, however, that propagation conditions are subject to rapid variation and a station that is normally easy, may on the contest day, be extremely difficult to log. Therefore, the index in some contests has been a function of the number of persons to hear it.

The contest may last for several days, normally two or three, with 10 to 20 stations scheduled.

Contest programs are often memorable. One year we were offered good signals from Radio Reloj, Costa Rica, with a program of Swedish folklore, and, believe it or not, Swedish folklore and announcements in Spanish, English and Swedish, from stubborn Radio Cuzco in Peru.

What kind of stations are selected? They are selected with respect to the propagations prevailing during the season. We do not use medium wave stations, since this may favor DXers in certain areas. Because not all DXers have the suitable receivers, we do not have the stations in the tropical bands.

We do not compete for the honor alone. Prizes can be of considerable value, free trips abroad, communications sets, transistors, etc., are donated by some of the participating stations, DX clubs, radio manufacturers, and others.

Who wins these competitions? There seems to be a small clique that always ranks high, because of their devotion to the hobby and their listenings skill. A tape recorder seems to be a necessity in order to win.

Once a year, the Scandinavian DX contest is arranged by one of these countries. Here not only Scandinavian and Benelux DXers compete, but also various clubs and countries. The winners, the best three from each club and the best five from each country, are selected, based on contest results.

If perhaps you have found this type of competition, someday we will see such a contest between Europe and North America.

....Jan Tuner, Sweden

ITEMS FROM HERE AND THERE

DEHRA DUN, INDIA - All India Radio, the government network is to establish a string of transmitters along the Himalayan border area.

Information Minister K.K. Shah said a shortage of transmitters forced people in the strategic border districts to listen to "enemy radio stations," presumably those of Pakistan and Communist China.

NEW YORK - Willis Conover, the voice of recorded music for the Voice of America, will make his debut as a record artist on Columbia Records. In the branch-out from his VOA disc jockey chore conducting "Music USA," which is aired in every country of the world, Conover is also debuting as a songwriter and a publisher.

His initial Columbia disc, on which he's teamed with Charlie Byrd's group, will be released soon. The single couples "Far Off, Close By," an instrumental which he composed and on which he's heard as a whistler, and "The Empty Streets," for which he wrote the lyrics and Alec Wilder the music, and on which he delivers a narration. The record was produced by Teo Macero of Columbia artists and repertoire staff.

In addition to the regular Columbia push, the disc will be used as a special promotional tool for the 2,000 stations which use the "Voice of Vista" syndicated radio series, which he conducts. The stations will be serviced with the record along with a follow-up letter saluting Conover.

Conover has already programmed the record on his "Music USA" show over the VOA and has received some listener response, including a congratulatory note from a fan in India.

...Billboard, via Rod Williams

DJAKARTA, INDONESIA - When the new government came to power in Indonesia, the young people of the country became radio conscious and amateur radio grew like mushrooms. Amateurs in Indonesia are allowed not only to transmit code, but also to engage in radio broadcasting.

The Seventh-Day Adventist Union office grasped the opportunity by building its own equipment and joining 123 other registered amateurs in the Djakarta area. With its 60 watt transmitter, made from odds and ends, it found it could blanket the area within 20 miles and potentially reach 4 million people in the heart of Indonesia.

The studio is a little room on the second floor of the West Indonesian Union office, from which the station broadcasts daily from 5 p.m. to 7:30 p.m., local time, according to J.T. Manullang, Radio-TV Secretary of the West Indonesia Union of Seventh-Day Adventists.

The station's call letters are RHZ, standing for Radio Harapan Zaman, meaning Hope for the Hour Radio. Every evening throughout the week, people listen to the announcer calling, "This is RHZ, radio of hope and hope of the hour." The program consists of religious and classical music, stories for the children, current events, health talks and the Voice of Prophecy. Listeners have expressed their pleasure with the programming of the station.

This station has never been reported before this. Can anyone provide further details, including frequency?

...Richard Jennerman

LONDON, ENGLAND - Radio Caroline has closed its Amsterdam headquarters and observers believe the lone pirate is near to ending its battle to stay on the air in defiance of the British government. Since the shutdown of the Dutch office, the station, operating from a ship off the east coast of Britain, has had difficulties in obtaining supplies.

YOUR SHORTWAVE ANTENNA

Part II

By Al Niblack

In the initial article last month, a general discussion was the basis, in the hope that it would lead to a better understanding of the theory and the importance of having a good antenna system for your receiving equipment.

The SINGLE WIRE and the VERTICAL ANTENNA for receiving were examined; to determine the length of a single wire (or a half-wave doublet type, or the Windom..a long wire antenna with an off-center lead-in attached at a point 1/3 the length of the flat top) and make it resonate on a particular shortwave band, the overall length may be determined by this formula (and cut accordingly):

$$\text{Length in feet} = \frac{468}{\text{Frequency in megacycles}}$$

In last month's article, mention was made that this month's text would include a simple antenna tuner that would add a few DBs to the received signal. The schematic and parts list below will allow you to build such a tuner.

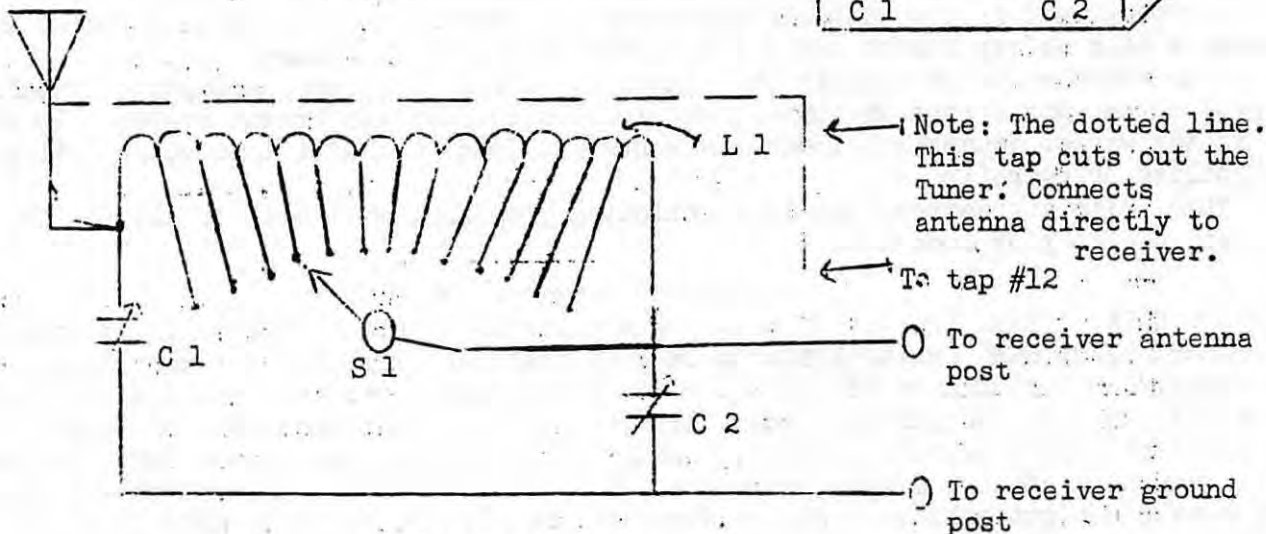
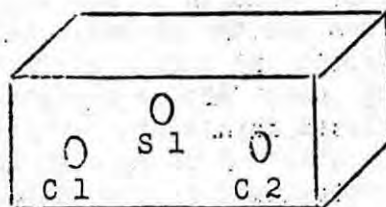
The construction of the antenna tuner will involve the drilling of the cabinet; or it could be done "breadboard" style. Parts layout and wiring are not critical though should be straight forward. Wiring should be kept as direct as possible and as short as possible (this is just good practice). Some ability to solder is required.

Though Frendx is not a how-to-do-it construction publication, and there is no intention to make it such, as a special project, this antenna tuner has merit, particularly so if your shortwave receiver does not have a tuned radio frequency (RF) stage preceding the first detector, or if your receiver does not have a variable antenna trimmer control. In use, experimentation will indicate the proper setting for the band switch and the variable tuning capacitors to obtain best results on each of the international shortwave bands.

ANTENNA TUNER

Acknowledgement: A.K. Saylor

PARTS LIST: L 1 - 40 turns #20 enameled wire wound on a 1" (O.D.) polystyrene form (or similar) close wound. Taps taken off at turns #2, #5, #8, #12, #18, #25, #30, #35 and #38. (Continued next page)



(Not to scale)

YOUR SHORTWAVE ANTENNAParts List (Continued)

S 1 - Single gang, single pole - 12 position rotary switch (non-shorting type)

C 1, C 2 (one each) .000365 MMFD single gang tuning capacitors

(NOTE: Be sure that S-1 is the non-shorting type)

1 aluminum minibox (Bud or equivalent) cabinet (size is not critical, just so it is large enough to mount the components comfortably.)

1 polystyrene form, 1" in O.D., approximately 4" long

Misc. terminal posts; insulated hook-up wire, knobs, and 1/8" diameter bolts with nuts.

* * * *

OTHER TYPES OF ANTENNAS - The "trap" type antenna manufactured for shortwave listeners does the job of adding gain. On the market is one made by Hy-Gain and another by Mosely. Basically, the antenna is of the doublet type, with traps making it resonant (in some cases the traps serve as inductors) for the 11, 13, 16, 19, 25, 31 and 49 meter bands. An outdoor space of about 45 feet is needed to erect the antenna as it is of the horizontal type. It is relatively inexpensive and some users report excellent DX with this type of "sky hook." R.L. Drake Manufacturing Co. recommends this type of antenna for their SW4 series of receivers.

Space will not permit the complete discussion and illustration of other types of antennas such as the dipole or folded dipole (both quite popular), the inverted "V", the window, the vertical ground plane, the beam (popular in transmitting circles) and the cubical quad (also popular for transmitting), which is of the beam type and offers good forward gain though the polarity of the signal is divided into both horizontal and vertical.

Other types of antennas not previously mentioned are the "T" antenna (a version of the window), the rhombic (actually a version of the beam but it takes a great deal of space to erect one and it cannot be rotated), and the colinear (popular in citizen band circles). There are still other more advanced and fancier versions. Again it is suggested that you refer to the ARRL Radio Amateur's Handbook (or similar) for additional information and full illustrations.

Signal strength is somewhat dependent on the relationship (potential) between the antenna and the ground. Local weather has a beneficial effect on the conductivity of the ground and signal strengths will improve when it is raining or moist at your listening post. Better reception may be expected during such periods though of course the QRN level may go up. During periods locally when the ground is dry, signal strengths will not be so high nor reception so good.

A good ground system with all necessary components in your shack connected to it adds a high safety factor and the fact should not be overlooked.

Your receiver is to amplify the signal as furnished by your antenna. Install as good an antenna system as you can and include an adequate ground system. To this, add in the way of equipment, the refinements you find that will improve reception and flexibility of operation.

This, with a receiver that is functioning properly, will deliver all the DX that is available in your location.

EDITOR'S NOTE - This article is a bit of a departure from the type usually presented in Frenex. Your SWBC Center Editor's lack of drafting skill and the very nature of the mimeograph medium make the presentation of schematic drawings difficult. Further, there are many printed publications which provide data and schematics of useful equipment you can construct at home, making it, in most cases, unnecessary for use to follow suit. Though simple, schematics for antenna tuners are not as easy to locate as one might believe. Seldom does one see plans for such a unit in the popular radio magazines. Therefore, Frenex has made this exception to the general rule. If you have questions on the above, direct them to the author, A.R. Niblack, 420 Shelby Street, Vincennes, Indiana.

EQUIPMENT SURVEY

A M E C O P R E A M P L I F I E R P C L - P

The gap left by the discontinuation of the general coverage preselector formerly manufactured by RME has now been filled by a new product of the Ameco Equipment Corporation (178 Herricks Road, Mineola, L.I., New York.

The Ameco, however, withstands the considerable demands of potent local transmitters, unmatched long-wire and dipole antennas, and already powerful, high gain Hammarlund receivers comparatively well.

Confusingly labelled an "all band" preamplifier, which is usually interpreted as "all amateur bands," it is in fact a general coverage, continuously tunable preamplifier in the 1,800 to 54,000 kc/s. range.

BY RICHARD E. WOOD

There are, admittedly, some spurious responses; the particular frequencies on which they fall must simply be tuned with the preamp bypassed. Should the situation become serious (which it is not) instructions are given for the adding of a simple gain control. Such a precaution might be necessary if the preamp were added to an unstable, spur-prone, poorly aligned receiver.

It operates from a 117 volt, 60 cycle AC outlet and has an input impedance of nominally 50 to 75 ohms, but long wires, 300 ohm and random length antennas may also be used. The antenna and output sockets are designed for Motorola type auto radio jacks which are not provided and must be purchased separately. This simple soldering job takes five minutes and no other construction work is necessary.

Gain is stated by the manufacturer to exceed 20 db. This was found to be correct in practice, and conservative at the low frequency and high frequency extremes of the dial.

There is an off/on switch with pilot light, and an in/out switch for bypassing the preamplifier.

Some examples of reception made possible at these extremes, all around midnight, local time, were:

Band selection is in four ranges, 1,800-4,000; 4,000-10,000; 10,000-28,000; and 28,000-54,000 kc/s. In conjunction with the receiver's S-meter, the preamp may then be peaked by careful adjustment of the tuning knob. At low frequencies, adjustment is required approximately every 50 kc/s., while at the high frequency end repeaking is necessary only every 200 kc/s. Correct peaking is necessary to avoid overloading and consequent spurious responses.

STATION	WITHOUT PREAMP	WITH PREAMP
2,340 Foochow	-Inaudible	S-4
2,413 Peking	-Inaudible	S-4
2,473 Tsirin	-Traces	S-5
2,510 Seoul	-Traces	S-5
25,650 EBC	-Inaudible	S-4
25,720 BBC	-Inaudible	S-4
25,750 BBC	-Inaudible	S-4

On medium frequency bands, S-8 signals become S-9 plus 15; S-9 become S-9 plus 20 db. on an average.

The rejection of spurious signals, especially from powerful local AM stations in the vicinity of the receiver, is the yardstick for the evaluation of any device which adds considerable gain. The author's old RME amateur-band preselector, adjusted to cover as many of the international SW broadcast bands as possible, which functioned satisfactorily in Bloomington, Indiana, with only one, low-powered local station, became totally unusable in downtown Honolulu, with seventeen locals.

Retail price of the Ameco PCL-P preamp is \$32.95, and I heartily recommend it to all DXers, other than those who have receivers, such as the Drake SW4A, with built-in preselectors, or sets particularly subject to overloading and spurious responses.

* * * * *

ED NOTE: Larry Vipond, Bridgeport, Conn., adds that the Ameco preamp has "more than doubled the signal strength of weak signals... something a... receiver like the Star Roamer certainly could use...."

A SUMMARY OF EDDYSTONE RECEIVERS

In Great Britain and in much of the Commonwealth, one of the best known communication receiver manufacturers is the Eddystone firm. Our Canadian members may be more familiar with the Eddystones, but for several reasons, not the least of which is the price after duties, they are not well known to U.S. listeners. But since Eddystone receivers can, if you are willing to pay the price, be had in this country, and now and again one turns up on the used equipment market, here is a summary of several receivers in the Eddystone line.

670C - This is a marine receiver for personal cabin use. Coverage from 150 kc/s. to 30 mc/s. in six ranges. A single conversion superhet using five tubes plus a silicon rectifier. Controls: tone and on/off, band switch, tuning, volume.

830/2 - Wide range communications receiver. Coverage from 300 kc/s. to 30 mc/s. in nine ranges. Double conversion superhet using 15 tubes and five diodes. Controls: band switch and crystal selector, main tuning, incremental tuning, peak RF gain, IF gain, AF gain, selectivity, mode switch (AM/CW/SSB upper/SSB lower), BFO pitch, AGC, and noise limiter switch, crystal calibrator, cursor adjustor, on/off.

840C - Communications receiver. Coverage from 480 kc/s. to 30 mc/s. in five ranges. Single conversion superhet using eight tubes. Controls: tone and on/off switch, RF gain, BFO pitch, AF gain, AGC on/off, standby switch, band switch, tuning, tuning indicator.

870A - General receiver. Coverage from 150 kc/s. to 380 kc/s. and 510 kc/s. to 24 mc/s. in five ranges. Single conversion superhet using five tubes. Controls: volume, tuning, bandswitch.

880/2 - High stability communication receiver. Coverage from 500 kc/s. to 30.5 mc/s. in 30 ranges, each of 1 mc/s. Double conversion superhet, with crystal controlled first oscillator, using 23 tubes, five diodes. Controls: band switch, tuning, fine tuning, aerial trimmer, selectivity, AGC/calibrator switch, RF gain, AF gain, IF gain, mode switch (AM/CW/SSB lower/SSB upper), BFO pitch, bass control, AF filter, noiselimiter, on/off.

940 - High Frequency communications receiver. Coverage from 480 kc/s. to 30 mc/s. in five ranges. Single conversion superhet using 13 tubes and one silicon diode. Controls: RF gain, BFO pitch, band switch, tuning, crystal phasing, AF gain, standby switch, mode switch (AM/CW/SSB), AGC on/off, noise limiter, selectivity, on/off.

CALL OF THE WILD?

According to Newsweek magazine, four Worcester, Mass. teenagers who were caught operating a 5-watt "pirate" radio station with the call letters WILD had a friendly listener on the Federal Communications Commission--maverick commissioner Nicholas Johnson, 33. Johnson recalls that he did the same thing as a youngster. Johnson learned of the case only after the four boys, who had already sold some ads and solicited records from local music stores, had been let off by the FCC with a warning to discontinue their wild ways.

We wonder if this station, the so-called WILD, is the same one reported in Frenx last March as "The Call of the Wild." One of our members reported hearing the station, which claimed, falsely presumably, to be operating from a ship off the east coast of New Jersey. The station was heard on a varying 49 meter band frequency. Anyone have any details on the operation of WILD and the nabbing of the four youths?

NORSK RIKSKRINGKASTINGRADIO BROADCASTING IN NORWAY

Regular radio transmissions by private companies began in Norway in 1925. Eight years later, an Act of Parliament set up Norsk Rikskringkasting (the Norwegian Broadcasting Corporation) as an independent state institution with the exclusive right to establish and operate stations for the broadcasting of speech, music, pictures and similar matter.

Responsible for the daily management of the corporation is a director-general, appointed by the King. Under him are five main departments dealing with, administrative radio programs, television programs, technical matters (radio), television development and technical activities. Each department has its own director.

Norsk Rikskringkasting (NRK) is governed by a five-member board, also appointed by the King, which is responsible for selecting the staff. An advisory council of 23 members (12 chosen by Parliament, 11 by the King) meets twice a year. Two program committees, one for radio and one for television, are drawn from members of the council and each group meets once a month under the same chairman.

NRK headquarters are at Broadcasting House, Marienlyst, Oslo, and regional centers are located throughout the country. Local program committees assist the regional centers in their program planning. The program departments of both radio and TV are sub-divided into various sections. Radio has a music section, a foreign affairs section and a shortwave service. For each medium there is a secretariate responsible for program coordination.

Because of Norway's rugged geographical conditions, a large number of transmitters are needed to ensure satisfactory reception. The corporation thus operates two long wave and 30 medium wave transmitters, in addition to six shortwave transmitters at Fredrikstad, south of Oslo, which provide over 500 hours of special programs each year for Norwegians at sea and abroad.

The corporation, as an independent state institution, covers its own expenses through the revenue obtained from radio and TV licenses and stamp duties imposed on all receiving sets and parts sold. The annual budget is subject to parliamentary sanction. While the corporation is subordinated to the state economically, it enjoys full liberty in its program policy except for announcements concerning the national security and weather reports which are obligatory.

Radio Norway maintains a daily shortwave service chiefly intended for Norwegian merchant seamen and Norwegians abroad in international services, missionaries, businessmen and the many other Norwegians or people of Norwegian descent scattered throughout the world. The service also includes a weekly program in English called "Norway this Week," which presents glimpses from Norway's cultural, political, industrial and economic life. The shortwave programs are transmitted by the Fredrikstad station in various directions so that they cover most parts of the world. The frequencies are changed four times a year to comply with changing atmospheric conditions. Nine special shortwave transmissions are beamed each day in eight different directions. At Tromsø, North Norway, a shortwave station directs the entire Home Service to fishermen in the North Atlantic and to Norwegians in the U.S. and Canada. The station is grateful for comments on transmissions and reports are verified by QSL card. Return postage is not required. The postal address is Radio Norway, Oslo, Norway. From November to March, transmissions are scheduled for North America at 1300-1430 and 1500-1630 GMT on the following frequencies; 11,850, 15,175, 17,825, 9,610, 21,730, and 25,900 kilocycles.

....Edward J. Pyatt

BBC CENTRAL AFRICAN RELAY

The BBC Central African Relay was established by act of the British Parliament in an attempt to counter the Smith regime of Rhodesia. Funds for its operation and construction in Botswana, formerly Bechuanaland, came directly from the Treasury.

There are two frequencies, 4,845 kc/s., which is slightly variable, being noted on 4,843 and 4,844 kc/s., and 7,295 kc/s.. There is only one shortwave transmitter, though, rated at 10 kw.

It begins its morning transmissions with the "Bow Bells" interval signal and station identification at 0355 GMT, going into the BBC World Service relay at 0400, on 4,845 kc/s. At 0545, the transmitter is taken off the air to permit switching to 7,295 kc/s., which usually returns to the air just before 0600.

The morning transmission ends at 0830 GMT.

The C.A.R. resumes operation on 4,845 kc/s. at 1630 and closes down at 2045. All transmissions are jammed by a Rhodesian station.

The antennas in use are three-wire dipoles, cut to resonant lengths, but since they are intended for quite short-haul service areas, they are at comparatively low levels. Power for the transmitter is generated on site using Rolls Royce diesel sets.

Quite a number of Botswana African nationals are employed, mostly on minor technical duties, both on the transmitters and the diesel engines.

All transmissions are in English, with World Service and African Service off-the-air relays. It has been proposed in Parliament that Shona, the main Rhodesian African language, be used, but this was rejected for lack of funds.

By operating in the tropical bands, the C.A.R. is able to reach Africans with small portable receivers; but by operating only in English, only educated Africans are reached.

The postal address of the station is the BEC Central African Relay Station, Post Office Box 29, Francistown, Botswana; however, the general policy is that reports are forwarded to London for acknowledgement.

...Richard E. Wood

THE JUMP AROUNDERS

Jidda, Saudi Arabia, after being a strong station on 15,150 kc/s. for several months, lately has been moving back and forth from 15,150, to 11,855, to 15,160 and back to 15,150 kc/s.

In early January it was back on 15,160 from around 1800 to 2215, but Ankara was underneath at 1830-1930. They would have done better by staying on 15,150.

The Austrian Shortwave Service is another "jump arounders." About the only steady frequency is their 6,155 kc/s. outlet, directed to Europe, which signs on at 0530 GMT, if you can hear it through the interference.

In early January they were heard on the unlisted frequency of 11,750 kc/s., strong at sign on at 1800 GMT but fading by 1900.

...Sam Rowell

** ** * ** * ** *

VLX - PERTH, AUSTRALIA

VLX, the Australian Broadcasting Commission's station at Perth, Western Australia, operates with 50,000 watts and reportedly is well received by many listeners throughout the world.

G. Chisholm, manager for the ABC in Western Australia noted that reports are regularly received from the U.S., Japan, and Canada, but other areas, such as Scandinavia, England, Germany, South Africa and New Zealand are well represented in the reports received.

VLX is one of the ABC's domestic shortwave transmitters and provides a service for "outback" listeners in the far north and northeastern section of Western Australia. Its program was designed for country listeners. Most of the programming originates from the Perth studios and is broadcast simultaneously by two SW transmitters (VLW and VLX) and eight medium wave stations in the area. This regional program is designated the Third Network and single station identification is rarely given.

The VLX transmitter is located at Wanneroo, which is about seven miles from Perth.

...Rod Williams

F E B C E X P A N S I O N P L A N S

Bad news! The Far Eastern Broadcasting Company got an initial rejection from the Australian government in its bid to install broadcasting stations on a remote Indian Ocean island.

Robert B. Starkey, general secretary of the FEBC, said the matter will be looked into further and the station organization will try to persuade the authorities to reconsider the action. Starkey said it will take some time and it cannot now be said if the station relay will ever be built.

The proposed pair of 50 kw. shortwave transmitters were planned for either Cocos-Keeling Islands, Christmas Island or the northwest coast of Western Australia. The project plans called for taped programming by the FEBC, with the station relay to be manned by Australian personnel.

FEBC believes there is a need for the relay transmitters to reach the population of the Indian subcontinent. The present transmitters in the Philippines cannot deliver adequate signal levels in India.

The Far East Broadcasting Co. started in 1945, when three men, John C. Broger, Robert Bowman and William J. Roberts pooled \$1,000 to start a shortwave station to preach Christianity. Twenty years later, the FEBC became a public organization under Australian law.

The FEBC is a "non-profit, non-sectarian, non-commercial world radio enterprise... dedicated to the highest spiritual, moral and cultural precepts of life."

It offers good DX to listeners from its 17 medium and shortwave transmitters, totalling 350 kilowatts. Broadcasts are aired 851 hours a week in about 45 different languages, including Amoy, Hakka, Swatow, Tagalog, Gujarati, Meo, Bicolano, etc.

The transmitters are located at three sites, Manila, Okinawa (KSDX and KSAB), and California (KGEI). The organization receives about 13,000 letters from about 60 countries each week.

...Bruce Ted Goldman

G U E S S W H O ? ?

In Peru, early in 1967, I found that everyone is transistorized! Up in the hills around Cuzco.. in the jungle...north toward the equator....south toward Chile...in the barriadas..on the haciendas...in university buildings, museum courtyards...go to a 10th century stone hut in a jungle clearing. There is a family with nothing, nothing at all, dying of malnutrition and diseases engendered by dirt...but in the middle of the hut is a shiny transistor portable with shortwave bands, and although nobody for 100 square miles can sign his own name, on top of the hut is the neatest doublet you've ever seen. Just guess which station the radio's tuned to? Guess which station comes through on all bands no matter what time of day...That's right..Havana!

...George Schnabel

T H E Q U E S T I O N B O X

Regularly, in this column, we present answers, from knowledgeable authorities, to your questions on SWBC topics. Send your questions to the SWBC Center Editor, 5204 70th Street, Kenosha, Wisconsin, 53140.

QUESTION - What does "Q" stand for in the QSL abbreviation?

ANSWER - Back when code transmissions were more important to communications, some form of shorthand code was needed to speed message handling. The Q code was developed for this purpose, but has gained general usage, even in non-CW communications. The "Q" is an arbitrary symbol. Since no country's call letters begin with "Q", it cannot be mistaken for a call sign. A few of the common Q codes used by SWBCers today include QRM (man-made interference), QRN (atmospheric interference), QSB (fading) and QTH (address).

A U N T I E B B C G O E S M O D !

The incessant drum beat and the loud electric guitar. Songs about paper taxicabs and caterpillars. Dedications to Heather, Helen and Harold. Singing jingles.

Hardly sounds like Auntie BBC. But it is. The British Broadcasting Corporation's concession to the "now" crowd--a new pop radio network--recently completed its first few months and it looks as if it will go-go for years to come.

Called Radio One, it has its own self-serving jingles--"Radio One is Wonderful." Many who were teenagers some time back think the station is too much, another act of pandering to the young. Any many youngsters are arguing that its not enough--"the news is too long," one has written to the BBC.

Patterned after the American rock radio shows, the network rocks and rolls most of the day with disk jockeys who dedicate tunes, answer requests, sing their own praises, talk fast, and tell jokes. The BBC's staff is no longer made up of men, once described by playwright John Osborne, as being "highly trained palace lackeys with graveyard voices and a ponderous language stuffed with Shakespearean and semi-Biblical voices."

NO LA-DE-DA

Most of the calm and la-de-da voices are left to the other three stations in the monopoly--Radio Two, where Britons can hear the Beatles and Frank Sinatra; Radio Three, with its piano concertos and verbal "portraits of Martin Luther;" and Radio Four, with broadcasts of letters from America and "the adventures of Clara Chuff."

The pirate stations carried commercials, something the public-financed BBC shies away from, except for an occasional plug for another BBC show. And they went 24 hours a day. Parliament decided they were all illegal and voted to put them out of business last fall.

The BBC decided it had to do something to meet the demand even though it was a national network that did not have to buckle to pressure coming from the hip generation. Its founders had argued that listeners most of the time should hear only what is good for them. But the present BBC management decided the important thing was to give listeners "choice."

The man assigned to it all was 46 year old Robin Scott. He hired disk jockeys from the defunct pirate stations, paid them about \$300 a week and set out to put the new show on the road.

In its annual report, the BBC conceded that the pop pirate stations probably did a better job because a "dozen sea-borne transmitted operated in anarchy could not help but meet the demand for continuous popular music in the areas they reached."

In short, the officials were saying that the BBC pop station had to be a compromise between "rock" and "sweet," that as a national enterprise, it had to satisfy the swingers of London and the farm folk up north.

"It's not a question of what's good or bad," Mr. Scott says. "The question is one of choice. It's important to have string quartet music and listeners can get that on one of the BBC's other stations.

The "pop" station is obviously something people want. The combined audience of Radio 1 and 2 is now up about 2 million. And at some times of the day, one survey showed, 5 million people were listening to the pop station while less than 100,000 were tuned in for classical music.

There is a dedication in Latin in the BBC's lobby--"this temple of the arts and muses"--that talks about praying that people incline their ear to whatsoever things are beautiful and honest."

The BBC sees no defamation with Radio One.

After all, what's "beautiful and honest" is in the ear of the listener.

...From the N.Y. Times

WANT TO WRITE AN ARTICLE? YOUR CONTRIBUTIONS ARE ALWAYS APPRECIATED!



NEWSROOM

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

Deadline 15th of Month

Radio Sofia, Bulgaria, sends the following schedule, valid until March 5:

In English to Great Britain from 1930-2000 and 2130-2200 on 6070 and 9660 kcs. To North America from 0000-0100 and 0400-0430 on 9700 kcs. To East Africa from 1905-1930 on 11950 and 15310 kcs, and to West Africa from 2105-2130 on 9700, 11950, and 11765 kcs. (Radio Sofia, Bulgaria via Dennis Ondriska, Lou Janicek, and Mike Mackim).

Richard Wood reports that Radio-diffusion-Television Rwandaise, Kilgali, is alternating on a semi-daily basis between 6055 and 6058 kcs. It is not known whether this is an unintentional drift or an attempt to avoid interference. (Richard Wood).

Austrian Radio, Vienna, sends the following current schedule, valid until March 3rd:

To North America from 2300-0000 on 6155 kcs and from 0000-0400 on 9770 kcs, on days with odd dates.

To North America from 2300-0000 on 9770 kcs and from 0000-0400 on 6155 kcs, on days with even dates. (Austrian Radio via Bruce Ted Goldman, Dennis Ondriska, and Headquarters, NASWA).

The former South Arabian Broadcasting Service is now known as the South Yemen Broadcasting Service. It announces as "Huna al Idhaat ul Ganub al Yamani". Although it has been drifting to 5059 kcs; Aden is now heard on 5060 kcs. (Richard Wood).

Editor's Note: Wonder if their QSL policy will remain the same since the British pulled out?

Rene Chicoine sends the following schedule received from "The Voice of Indonesia, Djakarta":

English language programs can be heard from 2330-0000 on 9585 and 6105 kcs to Malaysia and Singapore. In addition, another broadcast can be heard beamed to the same area, from 0900-0930 on 11770 kcs.

From 1100-1200 on 9585 and 6105 kcs, a transmission is beamed to Australia, New Zealand, and the Pacific.

From 1430-1530 on 9585 and 6105 kcs, a transmission is beamed to the entire South-East Asian region.

In addition, a transmission for Britain, Europe and New Zealand may be heard from 1900-2000 on 9585 and 11715 kcs.

The station's address P.O. Box 157, Djakarta, Indonesia, (RRI, via Rene Chicoine).

Bruce Churchill reports that, according to a letter from the station, VUM, Madras, India, uses mainly the Tamil language in its programming with minor emphasis given to programs in English, Telegu, Kannada, and Malayalam. The station is currently being heard on the WCNA around 1415-1445 on 4920 kcs. Reports should be addressed to D.P. Ramachandra, Listener Research Officer, All India Radio, Mylapore, Madras-4, India. (Bruce Churchill).

Richard Wood reports that although Radiodiffusion Nationale Khmere, Phnom-Penh, is still drifting, a favored frequency seems to be 4994 kcs, where it has been noted with identification in French at 1030. (Wood). Editor's Note: Almost all QSLs received for this transmission has listed 4994 kcs as the frequency used.

News reports help all DXers!!! Report the news and help keep NASWAers informed!!!

NASWA-FRENDX

SHORTWAVE CENTRE

FEBRUARY 1958

The Far East Broadcasting Corp. sends their latest schedule: (All transmissions are in English):
 From 2155-2300 on 15385 and 17810 kcs; From 2330-0000 on 15385 and 2121515 kcs; from 0100-0230 on the same frequencies; from 0300-0630 on the same frequencies, with an additional transmission on Sundays on 15440 kcs; from 0830-1000 on 11855 and 17810 kcs; from 0900-1200 on 15440 and 17810 kcs; from 1145-1245 on 11920 kcs; from 1245-1430 on 15235 kcs; and from 1530-1630 on 15235 kcs. (FEBC via Danny Jamison).

The BBC relay station on Ascension Island sends the following current schedule of its English language African and World Services:
 From 0500-0915 on 11860 and 15235 kcs; from 0700-2030 on 11820 kcs; from 0730-0915 on 15435 kcs; from 1645-1745 on 11840 and 15400 kcs; from 1800-2115 on 9580 kcs; and from 2200-0415 on 11865 and 15140 kcs. (BBC, Ascension Islands, via Mike Silverstein).

The following information has been received from RRI, Pontianak, Kalimantan: YDW2: Broadcasting on 3345 kcs, with a Gates HY 10/1958 transmitter with 10 kw to a Delta Match Antenna. Its current schedule for local coverage is as follows: 2200-0015; 0400-0715; and 0900-1515. The address is Direktorat Radio Republik Indonesia, Studio Pontianak, Djalan Perwira 7, Pontianak, Kalimantan, Indonesia. (Bruce Churchill).

Radio Belgrade, Yugoslavia sends the following current schedule: From 1530-1600 on 9620, 11735, and 15234 kcs; from 1830-1900 on 6100, 7200, and 9620 kcs; from 2000-2030 and 2200-2215 on 6100, 7200, and 9620 kcs. (Radio Belgrade, Yugoslavia via Bob Hagerman and Bruce Ted Goldman).

Mike Mackin reports that Kol Israel sends the following schedule, valid until 3 March: From 2015-2030 in English on 9009 kcs to Africa; from 2045-2115 in French and 2115-2130 in English on 9009, 9625, and 9725 kcs. (Kol Israel via Mike Mackin).

Radio Japan sends the following schedule, valid until 2 March: From 0000-0030 on 15195 kcs, 17785, and 9700 kcs in English and Japanese, from 0100-0530, a 30 minute broadcast beginning on the hour, in English and Japanese, on 15195, 15105, and 15300 kcs; from 0600-0930 with the same format on 15195, 9505, and 15300 kcs; from 1000-1130 on 11815, 9505, and 15300 kcs; from 1200-1330 on 11805, 9505, and 9560 kcs; from 1500-1830 on 9605, 9505, and 9560 kcs (1/2-hr b/c as before); from 1900-2130 on 9605, 15105, and 9560 kcs (1/2-hr. format); from 2200-2230 on 15195, 17785, and 9700 kcs; and 2300-0000 on the same frequencies. The areas are: Asia, America, and Europe, respectfully. (Radio Japan, via Dennis Ondriska, Gerry Galo, and Greg Barnan).

Radio-Kuwait sends the following current schedule: An English transmission on 4967.5 (10 kw) and 9520 (50 kw) from 0400-0600 and 1600-1900. The latter channel can occasionally be heard WCNA with an Arabic program around 1400. (Bruce Churchill).

Bruce Ted Goldman reports that the BBC Central African Relay Station only operates on 4845 kcs at 0400-0545 and 1630-2045. It might be noted that the jamming noted here is from Rhodesia. (Bruce Ted Goldman).

Steve Kamp reports that Enisoras Gran Colombia's schedule is from 1100-0600 on 4910 kcs, and is located in Quito, Ecuador. (Steve Kamp).

Radio Berlin International sends the following current schedule: From 0100-0145 and 0230-0315 on 9730 and 9500 kcs, for East Coast NA; For WCNA from 0330-0415 on 9560 and 9650 kcs until March 1st. (Dennis Ondriska).

 Well, that's all for this month. I would like to thank all members who have been supporting NewsRoom--Keep up the fine work! I would like to ask that you put your name on each separate sheet of your reports to prevent any reports from going to the wrong person. This would surely help me! Thanks!!

Dan Henderson



QSL REPORT



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

Deadline 15th of Month

Radio Japan has recent announced the issuance of new QSLs. Radio Japan is well-known among DXers as a station who is very friendly and who regularly issues new and colorful QSLs. At the moment, four newly designed verification cards have been made available. They feature beautiful pictures showing a Japanese doll, the Grass Burning Ceremony which is held annually in Nara, Mt. Fuji and a design of radio waves transmitted from Japan. The Mt. Fuji card is printed in golden color on a purplish red background, while for the radio waves design silver and orange colors are used on a green background. They are most attractive additions to any DXers collection and reflect the essence of Japanese traditional fine arts. Specify which card you wish when writing to Radio Japan.

HCJB is also issuing new cards since the first of the year. A recent announcement in an English transmission states that they currently have two types available, one card of a general verification type which is normally sent out to DXers, and a second type which you can obtain if specifically requested. This second type differs in that it is a detailed QSL containing full verification data, i.e. date, time and frequency.

Further information to reach your editor is that they will also have a series soon on Project Outreach. This will entail the issuance of a new card every 2 months, the first one to be a photo of a new hydroelectric plant. Thanks to member Clark Thacher of Indiana for this information.

And last, but not least, John Soneff of Louisiana advises that Radio Australia now has a new card, featuring a wild flower, the Wartah. John says it is very beautiful. Have you recently heard of a new QSL to be issued? or have you received one? If so, let your editor know for publication. Thanks!

SWBC ONLY

A few letters have been received recently by members regarding SCOREBOARD totals. For the benefit of new members and, perhaps a few of the old who have forgotten, the SCOREBOARD totals are to include short-wave broadcasting stations only. This means that Ham, BCB, Utility, FM or TV stations are not to be included in your totals. Also, your totals (HIC and VIC) are for Countries Heard and Countries verified, not stations heard and verified.

SCOREBOARD appears bi-monthly, and appears this month on the reverse side. If you are not listed, (perhaps you have just joined), why not take a moment and send me your totals, name of your best QSL and its frequency. Do it today!

ELECTION

With this FRENDX, you have received a ballot card for the election of your new Board of Directors for the 68-70 term. It is the responsibility of the BOD to represent you and your interests in the governing of NASWA, but it is likewise your responsibility to elect those whom you feel will best fill the positions. Do not be apathetic; read the platforms elsewhere in this issue, decide and vote!!

No.	Reporter	SCOREBOARD		Prized QSL
		HIC	VIC	
1.	Don Jensen, Wisconsin	193	189	Falkland Islands Being See., 3958 kc
2.	Frank Peters, Illinois	190	185	Radio Port Vila, New Hebrides, 3905
3.	Bob J. Padula, Australia	183	179	Lusaka, Zambia, 2355 kc/s; 2.5 kW
4.	Bob Hill, Maryland	179	6	CR4AA, Cape Verde Islands, 7398 kc/s
5.	Gerry L. Dexter, Wisconsin	178	173	Radio Rarotonga, Cook Islands, 5045 kc
6.	Roger Legge, Virginia	176	163	ZMB6, Western Samoa
7.	William G. Graham, New York	174	162	Radio Nepal, Kathmandu, 7105 kc/s
8.	Bill S. Sparks, California	171	163	Emissorsa de Rdif. de Timor, 3268 kc/s
9.	Wendel Craighead, Kansas	168	151	B.B.C. West African Relay, Monrovia
10.	Dan Henderson, Maryland	166	142	ZBW3, Radio Hong Kong, 3940 kc/s
11.	H. L. Chadbourne, California	161	144	O.R.T.F., Réunion Is., 4807 kc/s
12.	Marlin A. Field, Michigan	159	140	Mt. Nyeri Regional, Kenya, 6170 kc/s
13.	Warren E. Nordgren, Illinois	151	126	Grønlands Radio, Godthåb, 5980 kc/s
14.	Gregg A. Calkin, New Brunswick	148	135	Dushanbé, Tadjik S.S.R., 4635 kc/s
15.	Serge C.F. Neumann, Texas	145	136	Radio Fort-Lamy, Tchad, 4904 kc/s
16.	Victor C. Jaar, Haiti	145	3	AVROS, Paramaribo, Surinam, 15465 kc
17.	René Chicoine, P. Q.	135	121	Radio La Cruz del Sur, La Paz, 4985 kc
18.	Art E. Glover, Washington	133	113	Grønlands Radio, Godthåb, 5980 kc/s
19.	Bruce W. Churchill, California	133	106	Radio Nepal, Kathmandu, 4600 kc/s
20.	Fred K. Baines, Nova Scotia	131	125	Radio France Asie, Saigon, S.V., 9524
21.	Ray Fansler, Illinois	127	82	Radio Rabaul, New Guinea, 3385 kc/s
22.	Edward C. Shaw, California	126	101	Radio Litoral, Bolivia, 5025 kc/s
23.	William A. Matthews, Pennsylvania	124	104	Radio Kuwait, 4967.5 kc/s
24.	Del Hirst, Texas	121	82	VRH10, Suva, Fiji Islands, 9715 kc/s
25.	Bill Eddings, Pennsylvania	120	103	DZB2, Philippines, 3345 kc/s
26.	Danny Douglas, Virginia	119	79	Male Cineco Radio, Maldive Islands
27.	Don W. Billingsley, California	117	86	Radio Tarawa, Gilbert & Ellice, 4912.5
28.	Mike Finigan, North Carolina	117	75	Voice of Vietnam, Hanoi, N. V.
29.	Richard Pistek, Illinois	116	89	Leopoldville, Congo
30.	Bruno Colapietro, New York	113	97	O.R.T.F., Réunion Island, 2246 kc/s
31.	Roger A. Camire, New Hampshire	112	96	Radio des Valées, Andorra, 6305 kc/s
32.	Glenn Hauser, Oklahoma	111	56	Radio Tahiti, Papeeté, 6135 kc/s
33.	Gary Mickle, California	109	87	Radio Mauritania, 4855 kc/s
34.	Sheldon Chorney, New York	106	61	Radio Tahiti, Papeeté, 11825 kc/s
35.	Richard D'Angelo, New York	106	60	Radio Afghanistan, Kabul, 15265 kc/s
36.	Alex T. Frimm, Missouri	106	77	Radio Zambia, 3346 kc/s
37.	Robert R. Getman, Wisconsin	105	75	Radio Rabaul, New Guinea, 3385 kc/s
38.	Mike Kamp, Texas	104	88	Malawi Broadcasting Corp; 3380 kc/s
39.	César Objío, Dominican Republic	104	24	Voice of The West, Lisbon, Portugal
40.	Tom Hamp, Ontario	103	80	Radio Martinique, Fort-de-France, 3315
41.	John L. Sgrulletta, New York	99	90	VSI35, Turks and Caicos Islands, 8000
42.	Elias P. Coulouras, Mass.	98	79	Radio Tahiti, Papeeté, 6135 kc/s
43.	Mike White, Michigan	98	30	BCC, Voice of Free China, 17720 kc/s
44.	Rick Charnes, New Jersey	97	65	Radio Pakistan, 11672 kc/s
45.	Jim J. Howard, Missouri	95	75	Radio Réunion, St-Denis, 3380 kc/s
46.	Roger Parker, Illinois	95	71	Radio Tahiti, Papeeté, 6135 kc/s
47.	Bob Hagerman, Michigan	95	58	Radio Pakistan, Rawalpindi, 15090 kc/s
48.	Ralph Perry, Illinois	88	65	Radio Kabul, Afghanistan, 15265 kc/s
49.	Jerry L. Green, Virginia	87	74	Radio Yaoundé, Cameroun Rep., 4982.5
50.	Mike Macken, Massachusetts	84	36	VOA, Foró, Philippines, 11730 kc/s
51.	John Patton, Pennsylvania	83	50	HCJB, Quito, Ecuador
52.	Jim Gallucci, Oregon	82	43	Radio Tahiti, Papeeté
53.	Mark D. Hosmer, Indiana	81	40	Radio Pogo, Lomé, 5047 kc/s

54. Keith Kwiecien, Nevada	80	79 Radio Australia, Melbourne
55. Ronald Engelbrecht, Missouri	80	65 Hanoi, North Vietnam, 15044 kc/s
56. Danny Jamison, Virginia	80	37 VLK3, Port Moresby, Papua, 3925 kc/s
57. Charles Artiss, Michigan	79	69 Radio Guarani, Brazil, 6175 kc/s
58. Arthur A. Poullis, Massachusetts	79	57 O.R.T.F., Radio Tahiti, Papeeté 11825
59. Stanley F. Cabral, California	79	26 Radio Rarotonga, Cook Islands, 5045 kc
60. John Zaharek, Connecticut	77	60 VLX9, Perth, Australia, 9610 kc/s
61. Robert H. Bedwell, California	76	47 Suva, Fiji Islands, 3280 kc/s
62. Kenneth E. McCartney, Ohio	75	64 VRH10, Suva, Fiji Islands, 9710 kc/s
63. Bruce Reynolds, Missouri	74	60 Radio Tashkent, Uzbek S.S.R., 9600
64. Andrew Pappas, Illinois	72	58 Radio Lebanon, Beirut, Lebanon, 15335
65. Norman A. Jacobson, Wisconsin	70	59 Radio Tahiti, Papeeté, 11825 kc/s
66. Don Precosky, Ontario	69	49 Radio Sénégal, Dakar, 7210 kc/s
66. Michael Larkins, New Jersey	69	49 All India Radio, Delhi, 15375 kc/s
68. Stanley C. Mayo, Maine	68	65 Radio Rabaul, VL9BR, New Guinea, 3385
69. Steven Cohen, Connecticut	68	28 All India Radio, Delhi, India, 9912 kc
70. Thomas D. Walsh, Massachusetts	68	19 Voice of Free Korea, Seoul, 15430 kc/s
71. Bob Krasnoff, Pennsylvania	68	18 Radio Pakistan
72. Del Beaupre, Connecticut	67	62 Saudi Arabia Bcing Corp
73. Andrew F. Rugg, F. Q.	67	60 VLX9, Perth, Australia, 9610 kc/s
74. Barry Deal, Nebraska	66	45 Cairo, U.A.R. Bcing Station, 17690 kc
75. Dan Trigilio, Connecticut	66	6 Austrian SW Service, Vienna, 9775 kc/s
76. Charles Rasin, New Jersey	65	63 VOA, Colombo, Ceylon, 11835 kc/s
77. Alan I. Raylesberg, New York	65	45 Radio Togo, Lomé, 5047 kc/s
78. Paul Coleman, Texas	65	28 R.T.B., Brussels, Belgium, 9615 kc/s
79. Walt B. Fair, Texas	65	27 Radio Quito, Ecuador, 4923 kc/s
80. Jerry M. Stuart, Oklahoma	64	55 Radio Tahiti, Papeeté, 11825 kc/s
81. Bruce Ted Goldman, New York	64	49 TGNA, Guatemala City, Guatemala 5955
82. Michael Silverstein, New York	64	44 BBC, Ascension Island Relay
83. John Mraz, Pennsylvania	63	50 Radio Portugal, Lisbon, 6025 kc/s
84. Jim Thornton, California	62	53 Radio New Zealand, Wellington, 11780 kc
85. Don Herbert, Pennsylvania	62	37 Radio Australia, Melbourne, 16820kc
86. Bob Citronberg, New York	61	48 Radio Togo, Lomé, 5047 kc/s
87. Steve Kamp, Texas	61	45 VLT4, Port Moresby, Papua, 4890 kc/s
88. Clarke Thacher, Indiana	61	41 VLT4, Port Moresby, Papua, 4890 kc/s
89. Alan Jeeves, Pennsylvania	61	18 Radio Clube do Lobito, Angola, 7175 kc
90. Ed. J. Pyatt, South Carolina	60	50 VLX9, Perth, Australia, 9610 kc/s
91. Gary Wallin, Iowa	59	33 O.R.T.F., Brazzaville, Congo, 15190 kc
92. Louis Janicek, New Jersey	58	50 Radio Pakistan, Karachi, 15090 kc/s
93. Dave Carlson, Missouri	58	49 ELWA, Monrovia, Liberia
94. Tony Griffith, Illinois	58	40 Radio Luxembourg
95. David J. Askine, West Virginia	57	38 Ghana Ec. Corporation, Accra, 9545 kc/s
96. Ken Josephic, Pennsylvania	57	28 Radio Nacional de España, 9760 kc/s
97. D. J. Weber, Ohio	56	47 Radio Nacional de España, Canary Is.
98. Douglas H. Wise, Ohio	55	40 VLX15, Perth, Australia
99. Marty Kane, New Jersey	55	24 Deutsche Welle, Kigali, Rwanda, 17765
100. Michael Maker, Maryland	53	36 VLX9, Perth, Australia, 9610 kc/s
101. Clifford C. Duncan, Saskatchewan	52	46 Radio Budapest, Hungary, 11910 kc/s
102. Bert Adams, Ontario	52	43 Radio Clube Moçambique, 3265 kc/s
103. Allen Abel, New York	52	41 Radio Santa Fé, HJAE, Colombia, 4965 kc
104. Bruce Cuthbertson, Ohio	52	16 Radio Buzkadi, Clandestine, 15080 kc/s
105. Charles Rizzo, New Jersey	49	18 BBC Far Eastern Relay, Malaysia 11725
106. Anthony A. Jinkinson, Ontario	48	39 Radio Portugal, Lisbon, 6025 kc/s
107. Gordon Schiff, Illinois	47	25 ELWA, Monrovia, Liberia, 15155 kc/s
108. Lou M. Kurdziel, New York	47	22 Radio Nederland, Hilversum, 15425 kc
109. Mrs. Dennis C. Ehn, Massachusetts	46	33 Radio Sénégal, Dakar, 4890 kc/s

110. Thomas Daly, New York	46	24 Radio Ghana, Accra, Ghana, 6110 kc/s
111. Mark Mitchell, Michigan	45	36 kol Israel, Jerusalem, 9009 kc/s
112. Richard Kessler, Massachusetts	44	33 VOA, Poro, Philippines, 15060 kc/s
112. Bob Zobot, North Carolina	44	33 YVFIQ, Radio Barquismeto, 4990 kc/s
114. Bob G. Taylor, West Virginia	43	22 Radio Ankara, Turkey
115. Bruce Klemens, New Jersey	42	35 VLX9, Perth, Australia, 9610 kc/s
116. Trev Burke, British Columbia	42	31 Radio Portugal, Lisbon, 9635 kc/s
117. Ken Sadlecek, Nebraska	42	17 Radio Ghana, Accra, Ghana, 6110 kc/s
118. Michael Chezosky, Pennsylvania	42	12 Cairo, U.A.R. Bcing Station, 9475 kc
119. Mike Scott, P. Q.°	41	37 DZF3, FEBC, Manila, Philippines 15385
120. James Pollak, Connecticut	40	34 Radio Norway, 15300 kc/s
121. Henry J. Michalenka, Rhode Is.	40	28 I.C.R.C., Geneva, Switzerland, 7210 kc
122. Donald Anthony, Connecticut	39	8 Voice of Spain, Madrid, 9760 kc/s
123. Audie Kaufman, New York	37	30 4VEH, Cap Haitien, Haiti, 9770 kc/s
124. Larry Hastie, Texas	37	15 Cairo, U.A.R., 9475 kc/s
125. Tom Miller, Missouri	35	34 Radio Lebanon, Beirut, 11965 kc/s
126. Bob Wigelsworth, Ontario	35	31 Radio 4VEH, Cap Haitien, Haiti
127. Scott Moeller, Pennsylvania	35	11 I.C.R.C., Geneva, Switzerland, 7210 kc
128. Al Rasmussen, New Jersey	31	15 Radio Tirana, Albania, 7265 kc/s
129. Leonard A. McWilliams, California	31	10 YDF6, Djakarta, Indonesia, 9865 kc/s
130. Robert McClain, California	30	17 Cairo, U.A.R. Broadcasting, 9475 kc/s
131. Michael J. McPherson, Iowa	29	16 Radio Sweden, Stockholm, Sweden
132. John Ostrowski, Connecticut	29	14 Cairo, U.A.R. Broadcasting, 9475 kc/s
133. Philip Wanat, Spain	28	19 Radio Portugal, Lisbon, Portugal
134. Ken Hildreth, Illinois	27	22 N.H.K., Tokyo, Japan 15135 kc/s
135. Michael Mochizuka, Hawaii	27	17 SBC, Berne, Switzerland, 9655 kc/s
136. Greg Sarman, Illinois	26	7 Radio Norway, Oslo, Norway, 21730 kc
137. John Semeneck, Alberta	24	8 Deutsche Welle, Köln, G.F.R., 11945 kc
138. Gary A. Galo, Vermont	23	15 Radio Japan, NHK, Tokyo, 17825 kc/s
139. Thomas Rosalanka, New Jersey	23	6 Radio Peking, China, 15060 kc/s
140. Warren Davis, Maryland	20	10 VLX9, Perth, Australia, 9610 kc/s
141. Bob Spieler, New York	17	17 Radio Japan, NHK, Tokyo, 17825 kc/s
142. James W. Wasson, Pennsylvania	16	11 Radio Norway, Oslo, Norway, 25,730 kc/s
143. Jim Miller, Virginia	13	11 Radio Australia, Melbourne, 17840 kc/s
144. John A. Beggs, New Brunswick	10	2 Radio RSA, Bloemfontain, S.A., 11875 kc
145. Steven Kruse, Illinois	7	7 Radio Prague, Czechoslovakia, 11990 kc

And so terminates another SCOREBOARD. Every month, we have a greater participation and grow. If you are not in the above list, why not send in your totals. HIC=SWBC Countries Heard; VIC=SWBC Countries Verified. And as usual, those so indicated (°) are please requested to notify your QSL Editor of any changes in their totals before next deadline. Thanks!

QSLs RECEIVED

ALBANIA: Radio Tirana, 6135 sent form letter, with typed note containing full verie info by airmail in 10 weeks. No IRCs (Mochizuki, Wood; both Hawaii)

ALGERIA: R.TV Algerienne verified with card showing all details, stamped by Le Directeur Technique. Card is white with black drawing showing 2 Arabs or Berbers working a loom of some sort. Time was 36 days seamail; IRC sent; for 9605 kc/s (Churchill, California)

ANGOLA: Radio Angola verified with card in 2 months; 1-IRC (Colapietro, New York)

Radio Clube da Huila, Sa da Bandeira, 5021 (states "5024"). Nice card in 2 weeks airmail (Wood, Hawaii)

ARGENTINA: Radio Belgrano, 6090 kc/s sent very pleasant letter and attractive card w/ all details of reception, plus pennant for 43rd anniversary. V/S: Máximo Koelble, Gerente Técnico in 3 weeks. Evident change in verie policy (Wood, Hawaii)

NASWA-FRENDX

SHORTWAVE CENTER

FEBRUARY 1968

ARGENTINA: RAE, Buenos Aires, 9690/11730 kc/s now sending an attractive card featuring a picture of the country of Argentina transmitting to the world; one month by 2nd class mail (O'Connor, New Jersey)

ARMENIA: Yerevan, 17880 kc/s, 17775 kc/s sends card, sked, 8-9 post cards direct from Yerevan by registered airmail. Approximately 2 months. (Primm, Mo; Cohen, Connecticut)

ASCENSION IS: Personal letter, full details in 1-month received from the Presentation/ Administration Officer direct from Ascension. Suspect chances of receiving a full QSL letter are better if report is on African Service (Silverstein, New York)

AUSTRALIA: Radio Australia, 11710kc/s sent card and sked airmail in 4 months. V/S is Simone Chaloupek (Poilak, Conn) in 2 months (Wise, Ohio)

VLX9, Perth, 9610 kc/s replied sending card, letter, travel folders and list of affiliated stations in 2-3 months seamail. IRCs sent (Breville, Mo; Wise, Ohio)

VLH9, Melbourne, 9680 kc/s sends card in 29 weeks seamail. Full details (Artiss, Michigan)

AUSTRIA: Osterreichischer Rundfunk, Vienna, replied by card/sked/rpt form/picture p/card in approx. 31 days airmail. Complete verie; 9770 kc/s (Deal, Nebraska; Cohen, Conn.)

AZERBAIDJAN S.S.R. Radio Baku verified after 215 days with card via registered seamail. Contains full verie and shows street scene in Baku. 9840 kc/s; came direct (Churchill)

BELGIUM: ORU4, 9615 kc/s w/blue/yellow card in 15 days announcing "Belgium Calling The World" (Kessler, Massachusetts)

BONAIRE: Radio Nederland sends card for 9590 kc/s in 2 weeks airmail. Regular reporters receive frequency predictions monthly according to 1 reporter (Semenec, Alta; Galo, Vt.)

Trans-World Radio sent card, sked and religious tract airmail in 1 1/2 months for 11820 kc/s. V/S: Jean Schneider. IRC sent (Carson, Pa; Anthony, Connecticut)

BRAZIL: Radio Aparecida, 9635 kc/s sends card, letter and some Brazilian stamps from V/S: José Diny's, Chief of International Correspondence. Pennant also sent. According to one reporter, his picture appeared in January PE and he'd like to get that copy. He writes excellent English. (Sparks, Calif; Schnabel, N.Y; Field, Michigan)

Radio Bandeirantes, 11925 kc/s sent letter in English w/card, sked and station info. No QSL info (Glover, Washington)

Radio Brasil Central, 4995 kc/s, letter from Tarific José Sibba, Dir. Artístico. Came registered airmail in 10 weeks. Mint stamps sent; complete verie (Graham, N. Y.)

Radio Cultura de Araraquara, 4915 kc/s sent letter and picture p/card in 3 weeks airmail. Signer is the Gerente (Dexter, Wisconsin)

Radio Cultura Cuiaba, 5055 kc/s sends letter from Padre Wanir Delfino César in 1 month. 1-IRC, via airmail. Date only given. Note spelling in WRTVH is incorrect, is Cuiaba, not Guiaba. (Graham, N. Y.)

Radio 9 de Julho, 9620 kc/s. 2 letters arrived same day, both from Cgo Christofaro, Diretor Geral, for loggings of 6/67 and 9/67. One letter was form letter; the other gave complete verie info. Replied airmail. IRC sent w/1st rpt; mint stamps w/2nd. (Graham, New York, Wood, Hawaii)

Radio Sociedade de Santana, 4765 kc/s sent letter from Fr. Agatôngelo de Crato, via registered airmail in 5 1/2 months. Came w/pennant and request for reports from DXers. 1-IRC sent (Graham, New York) Note request for reports!!! (GAC)

Radio TV Gaucha, 11915 kc/s sent letter and pennant in Portuguese, by seamail in 3 months, 9 days. V/S: Helena de Castro. Mint stamps sent (S.Kamp, Texas)

Radio Oioneira, ZYG26, Teresina, 4855 kc/s sent letter w/mini-pennant on thin paper by airmail in 177 days. V/S: Pedro Mendes Ribeiro, Diretor Artístico. No verie details (Chicoine, P. Q.)

BRITISH HONDURAS: Radio Belize, 3300 kc/s sends card airmail in 3 months. V/S: J.Menzies. No stamp sent; one QSL rec'd as quickly as 5 weeks tho' (Billingsley, Cal; Thacher, Ind)

CANADA: CFRX, Toronto, Ontario, 6070 kc/s sent card surface mail in 9 days. Full data. V/S: is a Mr. Eastwood (S. Kamp, Texas)

Radio Canada, Montreal, sent card, sked and pamphlets on Canada in about 1 month.

Separate cards are issued for Northern Service transmissions. For 9625/11720 kc/s: (Semeneck, Alta; Anthony, Conn; Carson, Pa; Moeller, Pennsylvania)

CANARY ISLANDS: Radio Nacional de España, Tenerife, sent letter in Spanish for 15360 kc Reports to both Madrid and direct are answered direct and signed by Juan de Rojas; time averages generally 2½-4 months. (Padula, Jamison, Colapietro, Wallin, Cohen)

CENTRAL AFRICAN REPUBLIC: Radio Bangui, 5035 kc/s sends card airmail in only 9 days with sked. IRC sent; no frequency on QSL (Chicoine, P. Q.)

CHINA: Radio Peking, 17680 kc/s sent card, and bags of propaganda by seaimail in 3 months No IRCs; no verie info (Cuthbertson, Ohio; Galo, Vermont)

COLOMBIA: Radio Bucaramanga, 4845 kc/s sends letter in spanish, and pennant airmail in 10 days. V/S: Jaime Sorzano B., Gerente. Freq only given (S. Kamp, Shaw, Pistek)

Radio Nacional, Bogota, w/personal letter in 3 weeks for 6110 kc/s. No IRCs sent; V/S: German Pinzon M. Full QSL data (Pyatt, Ga; Wise, Ohio; Hagerman, Michigan)

Radio Santa Fé, HJAF, letter in Spanish with pennant in 2-4 months airmail signed by Luisa V. de Bernal. Beautiful stamps on envelope. Rpt sent in Spanish. One QSL apologized for delay (Deal, Nebraska; Wise, Ohio)

Radio Sutatenza, 5075 kc/s sends folder-type card in 1½ months (Hagerman, Mich)

CONGO: O.R.T.F., Brazzaville, 15190 sent large card with map of Africa on it in 6 wks. Pic/p/cards, postage stamps also sent on occasion. Mint stamps sent with report. V/S: J. Delannoy (Pyatt, Georgia; Smith, Ohio)

CYPRUS: BBC, East Mediterranean relay, 7140 kc/s; card sent from London airmail in 2 wks Regular Big Ben card; IRCs sent (Wraz, Pennsylvania; Pappas, Illinois)

CZECHOSLOVAKIA: Radio Prague sends card, form letter in 2 months airmail. Apologized for using form letter, but due (reportedly) to upsurge in N.A. mail. For 7345 and 11990 kc/s V/S: is Martha Trojanová or Vladimír Keucesa (Semeneck, Alta; Pollak, Conn; Cuthbertson, Ohio; Mochizuki, Hawaii) Please be careful of spelling of V/S. Until second name is clarified, I suggest reportes be sent in care of Martha T. (GAC)

DENMARK: Danmarks Radio, Copenhagen, 15165 kc/s sent card in 6 weeks. V/S: S. Jackson. Sked sent too (Pyatt, Georgia;) in only 20 days (Cohen, Conn)

DODECANESE ISLANDS: VOA, Rhodes, 15160 kc/s sent card stating date, and transmitter location only by surface mail in 1 week. V/S: Diane Schott (Mickle, California)

DOMINICAN REPUBLIC: Radio TV Dominicana, 9505 kc/s finally sent card after 5 reports over a 2-year period. 2-IRC's sent (Pistek, Illinois)

Radio San Juan, 3375 kc/s w/card in 14½ months. Full details exceptir signature. 2 IRCs sent (Peters, Illinois)

Radio Sol, 3255 kc/s sends letter airmail in 15 days. V/S: Freddy Aponte Martinez, Director who asked for an exchange of stamps (Graham, N.Y.) 1-IRC

Radio HIN, 5910 kc/s sent card airmail in 10 days signed by Olga B. de Catrain; giving date only; but stating report correct. (S. Kamp, Texas)

ECUADOR: Emisoras Gran Colombia, 4912 kc/s (states "4910") sent letter in spanish from Eduardo Cevallos C., Director plus pennant in 4-5 months by airmail. (Wood, S. Kamp)

Radio Cenit de Bahia de Caraquez, 4865 kc/s w/letter from Carlos Hartado Polit, Gerente. By airmail in 26 days (Dexter, Wisconsin)

Radio Quito, HCQR1, came with card and pennant in 2 months, 17 days seaimail. (Wise, Ohio)

EL SALVADOR: Radio Nacional, 6010 kc/s sending letter in spanish seaimail in 45 days. V/S Alfredo Parada. L-IRC sent (Jacobson, Wisconsin)

ENGLAND: CBC, verified relay of their transmission over BBC beamed to Africa for 11925 kc/s. Transmissions are in English and French (Goldman, N. Y.)

BBC, London, 11750 kc/s sent card, sked, antenna book (requested) by airmail. No IRCs (Pollak, Conn) for 11700 in 1½ months (Carson, Pa) for 21610 in 20 days (Anthony)

ETHIOPIA: RVOG, Addis Ababa, 11890 kc/s replied with a detailed verie by attractive card from B. Svensson, Audience Relations Officer in 3 months by seaimail (Wood, Hawaii)

FINLAND: FBC, Helsinki sent two cards, one from FDXC, and one from FBC for 15185 kc/s in 13 weeks by airmail. Sked too; full QSL verie (Hagerman, Michigan)

FRENCH GUIANA: Cayenne, 3385 kc/s sent verification in 3 months containing full info; 3 IRCs sent w/rpt. V/S: C. Pierre (Nordgren, Illinois)

G.F.R. Deutsche Welle, Köln, 9640 kc/s sent card and sked airmail in up to 1½ months. Card is most attractive, featuring two color blue map of Europe with Köln in orange and lettering in white. V/S: S. Mele (Pollak, Connecticut; Semene, Alberta)

Sudwestfunk, 7365 kc/s sent card in 51 days (Dexter, Wisconsin)

GILBERT AND ELLICE ISLANDS: Radio Tarawa, 4912.5 kc/s sent form letter in 1 month by airmail. Mint stamps sent; frequency and date on QSL; V/S: Reuben Uatua (Billingsley, California; Shaw, California) Very good, gentlemen! (GAC)

GREECE: VOA, Thessalonika sent regular card from Washington in 10 days (Shaw, California)

GUATEMALA: Radio Cultural, TGNA, 5955 kc/s sent card, letter by airmail from John S. Holland. Time varies from 1-5½ months; IRCs sent (Pyatt, Georgia; S. Kamp, Texas; Cohen, Connecticut; Cuthbertson, Ohio; Mickle, California; Jacobson, Wisconsin; Thacher, Ind; Shaw, California)

GUINEA: La Voix de la Révolution, Conakry, 6155/7210 kc/s has sent letter (very friendly in French with QSL message verifying date and confirming that Mr. Shaw's tape was indeed Radio Conakry. V/S: Cisse Bode (Shaw, California) V/S: Gisse Foder; by seamail in 1 month (Perry, Illinois). Congratulations gentlemen; perhaps they will continue to QSL. But try and interpret the signatures accurately. Take your guess of the above two for the moment (GAC)

HAWAII: VOA, Honolulu, sent regular card for test transmissions in 2 months. V/S: Diane Schott (Shaw, California)

HONG KONG: Radio Hong Kong (RHK), ZBW3, 3940 kc/s sent card in 10 wks. Mint stamps sent. Card measures 6" x 8"; one side shows beautiful detailed color photo of Hong Kong harbour from the west showing RHK's FM Xmitting site. Upper left corner has "RHK" in red with circle around it. Reverse has sked and QSL message (Billingsley, California)

HUNGARY: Radio Budapest, 9833 kc/s sent card seamail in 26 weeks. Full details (Artiss, Michigan)

INDIA: AIR, 9912 kc/s w/card, sked in 23 days seamail (Cohen, Connecticut)

AIR, Madras, VUM verified w/personal letter, p/card and showing location of station - the Bcing house in Delhi on orange background inset against blue and white card design. Another orange inset has "QSL" in large white letters w/verie message over printed. The words "All India Radio" appear on the card proper in black. V/S is D.P. Ramachandra, Listener Research Officer. 18 days by airmail for 4920 (Churchill, Cal.)

INDONESIA: YDJ, Jogjakarta, 5047 kc/s sends card by seamail in 5 mos signed by Abdul Hamid.

RRI Pontianak verified w/letter in Indonesian and English plus photo of the station director and his family. Rpt. written in Indonesian. Time was 3 weeks by surface mail; 3345 kc/s

YDL2, Padang, Sumatra, sends very friendly letter for 3960 kc/s via airmail in 10 weeks. Signed by Ain Zainoeddin. All this direct, but 2 weeks later beautiful card received direct from Djakarta for same reception (Sparks, California)

RRI, Sorong, Irian Barat, 4872 kc/s w/nice letter in Indonesian from Fadjat M. Prawira, plus photo of Mr. Prawira in 3 mos air special delivery (Wood, Hawaii)

IRAQ: Baghdad, 6095 kc/s sends card showing map of Iraqi historical places in 13 weeks via airmail. L-IRC sent (Pistek, Illinois)

ITALY: card for 11810 kc/s in 2 months. No return postage (Macken, Massachusetts)

JAPAN: NHK, Tokyo, sends card, calendar, RJ News issues including sked. Came airmail; in up to 2½ months. (Pyatt, Moeller, Thacher, Galo)

KOREA (N.): Correction to January, 1968 issue, QSL was rec'd directly from Pyongyang seamail. Report sent to Moscow and forwarded by them to Korea (Billingsley, California)

KOREA (S.): KBS, 2510 kc/s w/VOFK card showing all details and letter signed by Chun Ran Kim, Engineering Department. Card is a p/card scene of a Pagoda at Kyong Bok Palace, Seoul. Time was 13 days airmail. IRC sent; IRC (Churchill, California)

KUWAIT: Radio Kuwait verifies w/folder-type card giving frequency and date. One side of folder has verie and frequency data, other side has a summary of facts on Kuwait, pictorial map of Mideast showing radio tower in Kuwait. 17 days seamail; report sent by registered mail w/IRC. 9520 kc/s (Churchill, California) Sure about the time OM? (GAC)

LEBANON: Beirut, 11785 kc/s sent card in 20-40 days by registered mail, w/sked. (Walsh, Massachusetts; Fredricks)

LIBERIA: Radio ELWA, Monrovia, 11950 kc/s sent card via 2nd class mail in 1 month w/a religious tract. 2 IRCs sent with report (Mochizuki, Hawaii)

VOA, Monrovia, in 9 days w/regular card de Washington (Wise, Ohio)

LITHUANIA: Radio Vilnius, 11730 kc/s sent card seamail in 2 months. Full data; card features 3 fair maidens, each dressed in a different color with a different color flower (Michalenka, R.I.)

LUXEMBOURG: CLT, 15350 kc/s w/card airmail in 5 weeks. Mint stamps sent (Billingsley, Cal)

MALAYSIA: Voice of Malaysia, 6100/6175/7280 kc/s replied by attractive card showing map of country and flag. 3 IRCs netted air reply in 13 days; 1 -IRC 15 weeks by seamail. Poor verie test, however states report was checked and found correct (Shaw, California; Pistek, Illinois)

BBC Far Eastern Station sent card in 54 days airmail. Card is the same format as that of the Big Ben card, with name of BBC and station and address in blue; QSL format in black. This is printed over a very pale yellow BBC coat of arms. Address side features same coat of arms; V/S: K. Corrigan (Deal, Nebraska)

MALI: Radiodiffusion du Mali, Bamako, 4783/4855/9745 kc/s sends card (regular OCORA brown and yellow) in up to 11½ months seamail. Full QSL data. Answers currently both English or French reports, although most reporters used NASWA French form. One QSL, written in French, had notated at bottom: "Thank you very much. Yours truly". (Henderson, Md; Padula, Australia; Nordgren, Illinois; Colapietro, N.Y; Mickle, California; Shaw, California) You try their language, they'll try yours! If you need Bamako, this appears to be the moment (GAC)

MAURITANIA: Radio Nouakchott, 4850 kc/s sent card plus personal letter from French technician in charge, A. Merrill. Time: 83 days; IRC sent; freq. missing (Chicoine, FQ)

MEXICO: Radio México, XEXG, 6065 kc/s replied by form letter airmail in 4 months. Mint stamps and SASE sent. No verie info, simply confirmation statement. (Mickle, California)

XEWX, La Voz de la América Latina, desde Mexico, 9515 kc/s; letter airmail in 14½ weeks. V/S: Pablo Guerra Luna. 3-IRC's; returned my recording tape, and sent very polite friendly letter thaning me for tape. (Pappas, Illinois)

MONACO: Trans World Radio, 7295 kc/s sent card (folder type), sked and tract in 1½-2 months. Full details. (Mickle, California; Smith, Ohio; S. Kamp, Texas)

MOROCCO: VOA, Tangiers, 7170 kc/s replied by card surface mail in 7 days (S. kamp, Texas)

MOZAMBIQUE: Radio Clube de Moçambique, Lourenço Marques, card via airmail with date only in 20 days. Card features what is presumed to be studios. Air reply; signed by A. Hymeria (Deal, Nebraska; Pistek, Illinois)

NETHERLANDS: Radio Nederland, 11730 kc/s sent card and sked airmail. No IRCs (Follak)

NEW CALEDONIA: Noumea, 7170 kc/s w/card in 3-7 weeks; full info; IRCs sent (Nordgren, Illinois; Mickle, California; Shaw, California; Field, Michigan)

NEW ZEALAND: RNZ, Wellington, sends card, touristinfo, and 'tiki' pin in 3 months approx.

V/S: J. H. Hartstonge, or John Booth. (Schnabel, N.Y.; Wise, Ohio; Hagerman, Michigan)

NIGER: Radio Niamey, Niger, 3260 kc/s sent card airmail following French report using NASWA form; stamps and IRC also sent w/rpt; reply by registered mail in 4 wks (Henderson, Md.)

NORWAY: Radio Norway, Oslo sent card and sked in booklet form by airmail. Cards show large grass-covered hill with village below it. Full info on QSL signed by A. Kaaben for 21730 kc/s (Pollak, Connecticut; Barman, Illinois; Macken, Massachusetts)

PANAMA: La Voz del Barú, 6045 kc/s returned my prepared card in 10 weeks airmail; complete information; SASE sent; pennant also received (Graham, New York)

PAPUA: VLT4, Port Moresby, 4890 kc/s sent card airmail in 26 days. 3-IRCs sent. Full QSL data given. (S. Kamp, Texas)

PHILIPPINES: FEBC, Manila, 11855/15385 kc/s sent card, very attractive in red showing relief picture of S. E. Asia, plus station call. 21 days by airmail. Full information on reception; IRCs sent (Jamison, Va; Pistek, Illinois; Mochizuki, Hawaii)

VOA, Malolos, 6170 kc/s sent card surface mail in 8 days (S. Kamp, Texas)

POLAND: Polskie Radio Warsaw sends card airmail in 1 month. 3 IRCs; also sked, letter and info on stamp collectors contest (Pappas, Illinois)

PORTUGAL: Radio Renascença, Lisbon, 6155 kc/s w/card in 5 weeks. 2 IRCs sent. No signature. Currently in a verification period and making up its backlog of unanswered reports (Peters, Illinois; Wood, Hawaii)

Radio Lisbon, 6025/6186/21700 kc/s sends card, listeners magazine, and club information in up to 2½ months, but averaging 20 days normally. (Macken, Massachusetts; Cohen, Connecticut; Chicoine, P.Q., Hagerman, Michigan)

PORTUGUESE GUINEA: Emissora da Guiné Portuguesa, Bissau, 5041 kc/s sent trilingual folding card airmail in 94 days. IRCs sent (Chicoine, P. Q.)

REUNION ISLAND: O.R.T.F., card with full info sent in 4 months (Colapietro, N. Y.)

RHODESIA: Rhodesia Bcing Corp, 3396 kc/s sent verie card depicting brown antelope grazing on blue background with inset scene of studio bldgs. V/S: E. McKingie; seamaile reply (Nordgren, Illinois; Shaw, California) Previous V/s/: J. Murphy (GAC)

ROMANIA: Bucharest, 9510 kc/s sent card, letter, sked, rpt form in 59 days; signed by F. Comli; by seamaile; complete verie (Cohen, Connecticut)

R.S.F.S.R. (Europe) Moscow, 9570/9680 kc/s sends card, sked airmail in 26 days. Sometimes includes p/card too. Full verification details (Pollak, Connecticut; Galo, Vermont)

RWANDA: Deutsche Welle, Kigali, replied by card/sked and pennant by less than 1 month airmail from Köln signed by S. Mele; very attractive card (S. Kamp, Jacobson, Mickle)

RYUKYU ISLANDS: VUNC, Okinawa, sent letter airmail in 5 weeks signed by Donald R. Rosemeirer, SFCE-7, NCOIC (9844) (Dexter, Wisconsin)

SAO TOME: Radio Clube de São Tomé, 4807 kc/s sent card airmail in 109 days via Lisbon. IRCs, p/card and folder on Montreal also sent with report (Chicoine, P. Q.)

SARAWAK: Radio Malaysia Sarawak, 4950 kc/s sent card, no details. 2 IRCs sent, but the notation on QSL states: 'Insufficient postage sent for airmail reply'. (Glover, Wash.)

SENEGAL: Radio Sénégal, Dakar, 4890/7210/15115 kc/s sent card featuring black and white photo of native musical instrument; another card shows map of the world with radials from Dakar. Full QSL data in no more than 3 weeks (Jamison, Mayo, Pistek)

SICILY: Card via RAI in 6 weeks verifying Caltanissetta. Complete info; 3 IRCs (Nordgren)

SINGAPORE: Radio Singapore, 7173 kc/s sent letter, card, booklets in 12 weeks. V/S: G.O. O'Souza, Operations Executive (Dexter, Wisconsin)

SOMALI REPUBLIC: Radio Mogadiscio sent card with full QSL details in English for 9585 kc. Report for the station was my 5th in 12 months, sent in English with mint stamps and prepared card enclosed. Returned my card, plus their own, signed by the Chief Engineer. Country N° 184. (Padula, Australia) Congratulations Bob (GAC)

SOUTH AFRICA: Radio Safari, 6025/9635 kc/s, via Lisbon, Portugal tx, sent white card, printed in black with outline map of Africa with a lion's head in a shield. IRC sent; card by airmail with full data and signed by Richard Ginbey. (Mayo, Artiss, Kessler, Schnabel)

SPAIN: Radio Nacional de España, Madrid, 9760 kc/s replied with letter, sked and a personal letter from Enrique Pascual saying they were out of cards. (Anthony, Connecticut) (over)

QSL OF THE MONTH

presents

Emissora de Radiodifusão do Timor PortuguêsQ
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Dili, November, 17, 1966

Dear Sir,

Confirming your reception report on the 21 of October
 19 66 from 1217 to 1232 @ 97C, on 3268 Lco 91.78 m.

Many thanks for your reception report.
Thanks for your picture - card

Yours Faithfully
 Emissora de Radiodifusão do Timor.

[Signature]
 Director

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Another rare station is this regional station in Timor, one of the most obscure areas of the Portuguese world. Although rarely heard, this station is friendly and sends the above card. This particular card is the property of Don Jensen, our Shortwave Centre Editor.

QSLs RECEIVED (continued)

SWAN ISLAND: Radio Américas, 6000 kc/s replied in English from P. Coleman. Card is usual

one but colors are dull and dirty showing clear signs of age. 3 weeks (Deal, Jacobson)

SWITZERLAND: Berne, sends card with sked in 1 month for 11715 (Carson, Pennsylvania)

SYRIA: Radio Damascus, 15165 kc/s sent card by registered mail in 90 days. V/S: A. Attar

Full QSL data; 1-IRC sent (Jacobson, Wisconsin)

TAHITI: O.R.T.F., Papeeté, 11825 kc/s sent black and white card in 9 days airmail. Rpted in English with 2 IRCs (Mochizuki, Hawaii) (Nordgren, Ill; Pistek, Ill.)

TANZANIA: Dar-es-Salaam, 5985/9550 kc/s sent card in 4 weeks; full data; IRCs sent//

TOGO: Lomé, 3222 w/card containing full data; seammil in 3 wks; 2 IRCs (Ferry, Illinois)

UKRAINIAN S.S.R. Kiev, 9610/11900 w/card, rpt form and letter seammil. Full data, no IRCs sent (Pollak, Connecticut; Rasin, New Jersey)

U.S.A. KGEI, 15240 kc/s in 33 days. V/S: C. Bowman (Kessler, Massachusetts)

URUGUAY: Radio Carve, 6155 w/letter and mini-pennant in 1 mo. airmail; V/S: Antonio Salvo
 Letter was in excellent English; mint stamps sent (Sparks, California)

VENEZUELA: Radio Universidad, 3395 kc/s sent card airmail in 12 days; 1-IRC (Graham, NY)

And so we end QSL for another month, gentlemen. Keep those report coming in; am always very happy to hear from each and everyone of you. Best 73s es DX, GREGG



LOG REPORT

DEL HIRST, EDITOR
202 BIRCH STREET
SNYDER, TEXAS 79549

Deadline 15th of Month

All Times GMT

- 26040 USA VOA/Greenville, w/world nx in Eng 1500; dly (G.Ferguson)
- 25900 NORWAY ILA, Oslo, 1/10, 1510 lang, 1520 Eng ID, nx in Norsk; 1541 in Eng anced req. pgm, good pop records to 1630 close (G.Ferguson)
- 25790 S. AFRICA R. RSA calls Libya/Egypt/Jordan 1700 in Eng; strong, //21535(Niblack)
- 23730 CUBA 1845, R. Havana, 2 x 11865, yet another Havana harm., Arabic (Hawser)
- 23630 USSR (As.) 2nd. harm. of 11815, relay Mayak 0230 (Wood)
- 21740 AUSTRALIA Shepparton, 50 KW to SEAsia 0045-0815, not Darwin; hrd best 0300-0600 (Balbi)
- 21690 SWEDEN 0930, Hörby, French to Middle East (Wood)
- 21685 E. PAKISTAN Dacca, local Bengali comm'ls. to non-Bengali-speaking W. Pakistan; 0730. (Wood) 1215 Urdu chanting, vy wk; to W. Pakistan (Berghammer)
- 21625 USSR (Eur.) Kursk (list) relay Moscow Chinese service 0700 (Wood)
- 21615 EGYPT Cairo, strong around 1400 w/Asian languages (Padula)
- 21610 ENGLAND BBC NA Ser. 1500 s/on Eng(Goldman)Sked here to 1730 (Ed.)
- 21590 W. PAKISTAN 0445, R. Pakistan, Karachi, Swahili ID, //17745 (Wood) S/on 0345 lang, hrd to 0420 f/o (Balbi)
- 21585 SWEDEN 1530, R. Sweden ending Fr xmission, good (Marcue)1358 s/on w/IDs into nx in Eng (Padula)
- 21555 E. GERMANY RBI w/Eng. to 1400, Fr to 1445, good lvl (Padula)New freq. (Ed.)
- 21535 S. AFRICA R. RSA Eng 2100-2150 to Nigeria/Ghana //17805 strong (Balbi)
- 21530 KIRGHIZ SSR Frunze (list) relay Moscow Viet ser. 0700 (Wood)
- 21510 GRENADA WIBS, mx dedication 1715, 1/5(Jamison)1800 w/cricket(Berghammer)New(Ed)
- 21465 E. GERMANY 0645, RBI w/Eng to ANZ to 0730, fair(Padula) New freq (Ed.)
- 17950 W. PAKISTAN R. Pakistan 1333-1350 s/off w/nx for ME in GOS(Macken)Karachi(Ed)
- 17910 GHANA R. Ghana 1529, 12/31 (Jamison)
- 17840 AUSTRALIA 0234, R. Australia Eng nx (Ferguson)
- 17830 PHILIPPINES VOA/Poro 0430 w/Chin. tlks, 0500 s/off Eng (Mochizuki)
- 17830 W. GERMANY 1200, D-W, Cologne s/on w/Indonesian (Padula)
- 17815 MOROCCO 1600, VOA/Tangier, Turk. & Greek pgms to 1730 (Hitchell)
- 17785 EGYPT 1645, Cairo v.g. at 1645 w/Afr lang (Padula)1700-1800 Eng to Afr "The V. of Africa", new (Berghammer)
- 17785 JAPAN NHK, Tokyo, IS 2158, ID & nx in Eng 2200; 2215 Japanese (G.Ferguson)
- 17770 N. ZEALAND 2000, s/on to Australia //15110 (Wood)
- 17765 RWANDA D-W Kigali new s/on time, 1816 from 1745. Eng nx 1830; s/off 2015(Balbi)
- 17750 AUSTRIA 1700, OR, Vienna; fair in Ger (Marcus)
- 17730 VATICAN Vatican R. 1710-1725 Eng to Afr //15135, new channel (Berghammer)
- 17720 TAIWAN 0245, V. Free China, Eng to NA (Walsh) 0200 s/on (Elliott)
- 17700 CLANDESTINE R. España Independiente, 1630 Sp; Mon. (Berghammer)
- 17655 EGYPT 1145, Cairo, Arab mx (Wood)
- 16215A N. KOREA Pyongyang 0135 w/Sp, orch. at 0149, close 0150 (G.Ferguson)
- 16298A N. KOREA 2320 "Aqui Pyongyang", into Sp; usually hrd 0020-0100 lang after Sp (Soneff)
- 15448 CZECHOSLOVAKIA Prague 1400-1500 Eng to ECNA Sun.//17705 (Berghammer)

NASWA-FRENDX

SHORTWAVE CENTER

FEBRUARY 1968

- 15440 PHILIPPINES DZFB, Manila (FEBC) 0430 Eng Ser; also 17810; 15300 sometimes covered by Japan (Hochizuki)
- 15435 MALAYSIA 0047; BBCFES, Tebrau, excel. when closing w/freq anmts, Eng (Niblack) local ID 2359, then joined WS (Macken) Relay WS to 0030, then E X R (Ed.) 0045 ann. freq, and close on this freq (G. Ferguson)
- 15430 S. KOREA 0300 weak, open Eng to MA (Macken)
- 15420 CYPRUS BBCS/on 0300, BBC nx, str.; ann. 3, 6, 7, 9Mc freqs. (Balbi) WS, sked for 6120, 7140, 9650, 15420; see 3952.5 (Ed.)
- 15320 PHILIPPINES S.E.A.R.V., Dumaguete City, now back on air after storm, test to Thailand etc. 2330-0130 v.g., req. reports to P.O. Box 4148, Manila (Wood)
- 15385 PHILIPPINES FEBC, Manila, FB lvl 2335-2345 w/nx in Eng read by N. (Niblack) Fair, 0004-0100 (Jamison)
- 15380 FRANCE ORTF Paris 1915-1930 Eng to Afr //11790, & Brazz. freq. (Berghammer)
- 15380 RWANDA 2300, Relay D-W in Ger (Mohrman)
- 15370 BRAZIL 1955, Rádio Tupi, Rio, ads (Wood)
- 15365 S. AFRICA SABC, SW Afr Ser 0800-0830 Eng, then Afrikaans (Berghammer) Afrikaans nx 0715 (Wood) Radio SWA, 100KW list (Ed.)
- 15360 S. AFRICA Radio RSA opens at 2000 in Port., new freq (Niblack) //17205 (Berghammer)
- 15342 W. PAKISTAN 1945 R. Pakistan w/Eng to Eur; 2000 nx; v. str. (Padula)
- 15335 INDIA AIR, New Delhi, 1215 Tamil; sked 1130-1230 SEAsia (Berghammer)
- 15335 W. PAKISTAN APK, Karachi, 2005 W. in Eng, 2015 ID, mx, past 2027 (G. Ferguson)
- 15320 AUSTRALIA R. Australia 2230 s/on Eng, then in Indonesian (Jamison)
- 15301 PHILIPPINES 1000, FEBC, Manila, Thai religious pgm; drifting (Wood)
- 15296 MOZAMBIQUE L. Marques, measured freq. 1725, Port, S-9 lvl; consistently str., indicates power increase. Some sources say 100 KW (Niblack) Greetings to Portugal 1930 (Wood) "C" pgm like local; seems to be running 100 KW as AN suggested; 2005 s/off (Padula) Well hrd 1945 (Palmer).
- 15285 GHANA R. Ghana, Accra 1815 s/on 1900 Eng to E. Afr; QRM de VOA (Berghammer)
- 15270 CHINA 1000, Peking s/on in Cantonese to Asia (Wood)
- 15255 NIGERIA Lagos 1700-; 900, Eng nx 1800; str. (Balbi) 1700 nx & mx (Duncan)
- 15245 BRAZIL ZYE21, Belem 1900 dance mx, 1905 ID for "R. Marajoara" (G. Ferguson)
- 15242 W. PAKISTAN 1542, Karachi in Eng, tlk about Pak. mx; badly squeezed (Hirst)
- 15240 SWEDEN s/on 1600 Eng to WONA unreadable w/QRM low side, & Pakistan (Hirst)
- 15235 ASCENSION IS. 0500, BBC Atlantic Relay s/on, list freq. used, then WS (Walsh)
- 15230 CEYLON 1655, Ceylon Comm'l. Ser. good sig in Eng w/pop mx; rarely hrd (Marcus) 1600, Eng ser; ID "...Comm. Ser. of R. Ceylon" (Padula) 0300-0330, west. mx (Duncan)
- 15225 BRAZIL 0050, R. Cult. de Bahia, SIMPO 33433 to 0100; QRM Havana (D'Angelo)
- 15225 W. GERMANY 1615, R. Liberty clear of jamming, powerful (Padula)
- 15220 S. AFRICA R. RSA, 2000 in Port. (Mohrman) 0030 Eng (Podpechan)
- 15200 ALGERIA 1600, Algiers w/Fr. pgm, Arab mx; s/off w/ID 1700, new freq. (Padula)
- 15190 CONGO REP. 1915, ORTF relay Eng to 1930; where to? (Michalenka) E & W Afr. (Ed.)
- 15185 FINLAND 1515, Helsinki signing off Finnish pgm (Marcus)
- 15175 EGYPT 1645, Cairo new freq, Ar. tlk & mx (Padula) 1400 Ar., new freq (Berghammer)
- 15175 SENEGAL Dakar here 12/28 only; back next day on 15115, Eng nx 1840 (Balbi)
- 15165 INDIA AIR, N. Delhi 1000-1100 Eng to ANZ //11710; sig. pops in & out (Berghammer)
- 15165 PHILIPPINES VOA, 2200 Eng; 15KW (Berghammer) Foro lised FBIS (Ed.)
- 15165 SYRIA 1707 Damascus w/Eng, wk. but clear (Marcus) Eng. nx 1615, fuzzy (Padula)
- 15160 FRANCE 1900, ORTF, Paris s/on, into France-Inter relay (Wood) v.g. 1645 w/Fr. (Padula) Fr., 1720-1730; ORTF IS, into Arabic; 1800 ORTF ID in Arabic, no IS. Fr. also hrd 1955-2002 s/off (Palmer)
- 15160 SAUDI ARABIA Hrd 1/10, 11, in Arabic 1800-2210 strong, //11855 (Balbi)
- 15155 BRAZIL R. Dif. São Paulo, Port. & Braz. mx, 0040-0200 s/off (Palmer) ZYB9, 0030 dance mx, Port. anmts, to 0115 t/o (G. Ferguson)
- 15155 LIBERIA 2235, ELWA w/rel. pgm in Port. (Marcus) Rel. in Arabic 1926-41 (Getman)
- 15150 SAUDI ARABIA Jiddah alternating between & around this & 15155 (Wood) Also hrd as low as 15145, 12/22, w/ID at 1800 (Hirst)
- 15145 NETH. ANTILLES TWR, 1530 Eng, new freq (Berghammer)

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- 15143 BRAZIL 1955, Rádio Jornal do Comércio, Recife, Port. ads (Wood) 0215 w/Martha Raye song (Macken)
- 15140 ASCENSION IS. 0015, BBC Atlantic Relay, covered by Moscow in Sp.(Deal) 2300, WS (Thacher) Good until USSR s/on (Macken)
- 15135 IRAN R. Tehran, Teheran 1825 Turkish, weak, but freq. clear (Berghammer)
- 15135 VATICAN 1630, Eng to Afr; 1650 Arabic(Padula) 1650 s/on Arabic (Balbi) 1635 thru 1645, Eng, strong (Macken)
- 15127 BRAZIL 1900, Rádio Sociedade da Bahia, Salvador, Port. talk (Wood)
- 15125 TAIWAN VOFC, Taipei, 0205-0300 f/o Eng; Christmas carols sung in Chinese! Unusual Christmas-day fare(Palmer). Clazy!(Ed.)0200 for NA dly., weak (Macken)
- 15125 PORTUGAL Em. Nacional, Lisbon, 1720-1820 Port., seemed over-modulated; also, 2008, excel. sig. but bad hum on this channel only; xmtr trouble?(Palmer)
- 15120 NIGERIA 1710, Voice of Nigeria good sig. in Eng w/mx pgn(Deal)2330-2200 mx, crowd cheers (Thacher) 2130 "Nigerian Bandstand" (Macken)
- 15120 VATICAN 1505, w/Eng. (Marcus)
- 15115 ECUADOR HCJB Quito, 1/7, 0230 Eng to NA; 1007, 8-9 +40DB, new trx (Balbi)
- 15115 SENEGAL 2220, R. Dakar Inter w/Fr. nx (Marcus) End Eng., into Fr. 1900 (Wood)
- 15110 N. ZEALAND 2000, R. NZ s/on to Pac. Isles, relay BBC nx(Wood)0425 QRN (Jamison)
- 15105 GRENADA WBS at 2100 w/Xmas greetings, 12/23 (Macken)
- 15100 W. PAKISTAN 1655, Karachi s/on w/IDs, into Asian lang.(Padula)
- 15090 EGYPT UARBS, Cairo 1728-1805 Ar. & Ar. mx; poor sig; 1947-2047 also (Palmer)
- 15080 INDIA 1800, AIR Delhi w/Eng nx(Marcus)1945-1947 s/off Eng 12/27; said GOS to UK: poor sig, bad QRN(Palmer)1800-1830 nx, comment, general pgn (Duncan)
- 15078A CLANDESTINE 2130, R. Euzkadi w/Eng ID then Sp; where Libertad?(Macken)
- 15060 CHINA 0025, Peking w/Mao talk, Eng(Pollak) To NA, 1st pgn 0000-0050; carrier only to 0058, then IS, back w/2nd pgn(Palmer)0100, 0200, 0300 (Fogel)(Galo)
- 15040 CHINA 0755, Peking noted in Russian under jamming (Wood)
- 15030 CHINA Peking, 2358-0042 tune/out, Home Ser. in Chinese (Palmer)
- 12060 USSR R. Moscow w/trans-polar sig; Chinese & martial mx, Moscow's theme mx 0229; then, IS for R. Paz y Progreso, opened in Chinese again; evidently R. Peace and Progress is now in Chinese also(Palmer)
- 11970 GRENADA WBS St. Georges, Eng 0100-0215; sig varies day to day(Elliott) 0100 w/"Perspective"(Mohmann) 2325-2350, Eng to Carib. area, nx 2345, (Palmer)
- 11960 CHILE Soc. Nac. de Minería, 0400 Sp; S3 and clear (Berghammer)
- 11955 MALAYSIA BBCFR 1130-1200 Vietnamese (Berghammer) //9725, 7120 (Ed.)
- 11940 ETHIOPIA 0530, ETLF w/Eng, new freq, to 0555, good lvl (Padula)
- 11940 SINGAPORE 1605, Eng svc, w/lite mx, good sig.(Marcus)
- 11930 CONGO REP. 1830, R. Brazzaville w/Afr. nx, into Port. 1845 (Padula)
- 11925 BRAZIL ZYR78, R. Bandeirantes, S. Paulo, 0203, Port. nx, anmts (Palmer)
- 11920 ETHIOPIA ETLF, 0430-0455 Eng to S. Afr; new (Berghammer)
- 11920 IVORY COAST Abidjan closes just prior to 2400, new freq; pops, Fr. nx(Niblack) At 2315 in Fr; repl. 6015 at this hour (Marcus) Fr. & Afr. pops, Fr. nx 2355, 2405 s/off(Graham)1800-2400 Fr, QRM'd 2100-2300 by AFETS (Balbi)
- 11920 PHILIPPINES DZF2, Manila 1145-1245 Eng, 15 min Malay, 15 min Indonesian (Mochizuki) AP nx 1150, "R. Magazine" 1200 (Fredericks)
- 11910 INDIA AIR, Delhi, 1229 wx, 1230 nx in Eng, off 1241 in spite of sked (Hall)
- 11910 THAILAND 1037 W. in Asian lang, ID 1045, poor sig. (Schnabel)
- 11903 INDONESIA RRI sta, unlisted; 0802 s/off w/ID for Djakarta, Indon. pgn. Noted by other ARDX members 0500A (Padula)
- 11900 URUGUAY S.C.D.R.E., 0053-0150 f/o, Christmas pgn uninterrupted nx; ID for Uruguay 0120; ID for "Servicio Oficial.." next day 0137; weak, drifts (Hirst)
- 11900 E. GERMANY 1840, RBI new outlet, Ger. for Afr.(Padula)
- 11900 NIGERIA 2155, V. of N. w/Eng; good sig(Marcus)S/off 2205, Eng.(Jamison)
- 11895 CHINA 1935, Peking s/on Russian, jammed (note irregular time) (Wood)
- 11890 CHINA Peking 0300-0500 to WONA, Eng//11945, 9457, 15095 (Balbi)
- 11875 S. AFRICA R. RSA to Britain, Eng, 1900-1950. //17790 repl. 21500(Balbi) Eng. 0230, booming sig. lately (Fogel)

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- 11875 BRAZIL 0000, R. Soc. Bahia w/ads in Port.(Marcus)ZYN32, 7.5KW in WRTH '67; ZYN31, 10 KW in FBIS '67 (Ed.)
- 11855 INDIA AIR Eng nx 1530, new freq, //9575 (Balbi)
- 11850 GHANA 2028, R. Ghana, Accra, ending "Afr Scene" in Eng(Marcus)New freq since Nov.(Ed) To NA 2000 s/on Eng (Goldman)
- 11840 AUSTRALIA R. Australia 1830-1850 t/o, Gen. Pac. Ser. in Eng (Palmer)
- 11840 N. VIETNAM 1355, Fr lang xmission; Japanese 1400, w/nx of "successes" in downing US planes; 1/9 (Graham)
- 11835 ALGERIA 1910, R. Alger w/Fr nx (Marcus)Fr nx 2300 QRM by 4VEJ (Balbi)
- 11825 TAIWAN VOFC, Taipei, 1045 Eng to ANZ, S4-5 (Berghammer)
- 11820 ASCENSION IS. BBC Relay w/Eng lang Afr Ser, nx 2025 (Silverstein) WS (Ed.)
- 11810 JORDAN 1810, Amman w/soap opera, terrific sig; faded out before 1830(Hirst)
- 11810A ETHIOPIA 2327, ETLF w/test xmission in Eng, freq not given, to 2355(D'Angelo)
- 11805 FRANCE ORTF w/Fr nx, new freq (Marcus) Time? (Ed.)
- 11805 BRAZIL 2350, R. Globo, good to 0038 (D'Angelo)
- 11800 CEYLON R. Ceylon, Colombo, Comm'l. Ser, ads, 1230 Tamil (Berghammer)
- 11785 BRAZIL 2342, R. Guaibá w/soccer game; IDs 0000, 0020, 0030; //5965. QRMed out by BBC 11780 at 0120 (S.Kamp)
- 11785 LEBANON R. Lebanon, Beirut 0220 Ar., 0230 IS, ID, freq & pgm in Eng (G.Ferguson) 0230 NA ser still ann 11925 (Cohen)
- 11780 ARGENTINA 0600, RAE, B. Aires, Eng nx (Wood)
- 11780 N. VIETNAM Voice of Vietnam, Hanoi 0530 w/Eng nx, 12/23 (Sparks)
- 11780 N. ZEALAND 0600, Wellington excel. at s/on, ret. to this freq(Niblack)0728 ID, then nx, v.g.; //9520 (Hagerman) ZL3, 0630 nx & gen'l. pgm (Duncan)
- 11778 MOZAMBIQUE 0435, R. Clube de Moçambique in Eng w/DJ show(Deal)11780 0325 w/pops & comm'ls. in Eng/Port.(Getman)Pop mx & those odd comm'ls.(Jamison) Boeremusiek 0330 (Wood)
- 11769 VENEZUELA 1820, R. Monagas on measured freq, Sp frequent time chex (Niblack)
- 11765 N. KOREA (Tent.) Pyongyang in Chin., good at 2205(Marcus)List FBIS 11763V (Ed.)
- 11763 N. KOREA 2300, Pyongyang w/IS, anthem, into nx comment big sig (Niblack)2342 after Vatican s/off, Sp to 2350; silent, resume in Korean 0000-0015 t/o(Graham)
- 11755 ARGENTINA 1955, R. El Mundo, B. Aires, w/light melodies (Wood)
- 11745 E. AFRICA 2115, RFI in Swahili(?), s/off 2200, new freq (Padula)
- 11740 CHILE 0235, Em. Nuevo Mundo, ID; tlks, ads, nx 0300 (S.Kamp)
- 11735 IRAN 1730, Teheran beginning Russ xmission, weak (Marcus)
- 11735 BRAZIL 0800 s/on, Rádio Clube de Goiânia, full ID (Wood)
- 11735 MOROCCO RTV Marocaine, Rabat 2015 Fr, nx (Berghammer)
- 11735 NORWAY 0320, R. Norway well hrd in Norwegian, also //9610, 9550 (Niblack)
- 11735 S. AFRICA SABC, S.W. Afr Ser 0600 Eng; sked 0700-1500 (Berghammer)
- 11730 IRAN R. Teheran 1500 Persian mx, off-freq (Berghammer)
- 11725 CONGO REP. 0500, Brazzaville s/on lang, poor sig (Hagerman)Fr (Ed.)Afr instrument IS 0455; Fr from Paris 0500, Eng 0515 (Elliott)
- 11725 CHINA 1930, Peking w/Italian to Eur/Ethiopia/Somalia (Wood)
- 11725 SINGAPORE 2355 BBCFES, Tebrau w/Bow Balls, into nx in Eng 0000; good lvl tho squeezed (Niblack)
- 11720 CHINA Peking 0100-0300 to ECNA//11945, 15060, 17900 Eng. (Balbi)
- 11715 NETH. ANTILLES TUR 0400-0430 Russ, from 11710 (Berghammer)
- 11712 ARGENTINA 2000, RAE, Buenos Aires, Ber nx //11780 (Wood)
- 11710 INDIA AIR s/on 0130 lang, 0230 Eng nx, 0245 back in lang (Balbi) 0240 Gal, Eng nx; 0245 into SAsian lang; Hindi?(Palmer)1055 Eng to ANZ//151.65(Berghammer)
- 11710 ARGENTINA 2201, RAE w/Fr pgm & ID; after VOA/Tangier s/off same freq, blocked by Peking starting up; not often hrd here (Padula)
- 11710 AUSTRALIA 1255, R. Australia w/Eng to NA; blocked 1300 by VOA s/on (Ferguson) 1215-1315 to NA, "Waltzing Matilda" before s/on (Galo)
- 11705 SWEDEN R. Sweden to WNA, 0330-0400 (Galo)0030(Podpechan) Port. (Ed.)
- 11700 GRENADA WBS, 2045 Eng; sports(Berghammer) Spec. cricket freq; from 2000 (Ed.)
- 11690 CHINA 1930, R. Peking s/on w/Eng to Afr (Wood)

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- 11690 USSR SFE Petropavlovsk-Kamchatki, all-Russ., powerful w/"Radiostansiya Rodina" IS 1900, 8 pips, foll. by nx. 1930 ancd. "Govorit Petropavlovsk-Kamchatki", local ancr. cont. w/nx. Some relay xmters now giving local ID (Palmer) Must be new outlet; FBIS '67 has this one Khabarovsk (Ed.)
- 11687 ANGOLA 1810, Rádio Diamang, Dundo, class. mx, Port. amts (Wood)
- 10040A CLANDESTINE (N. Vietnam?) Nat. Front for the Liberation of S. Vietnam, 2305-0000, S6-7, thin modulation, bad QSB. Viet. hrd 2330 as "Dai Phat Thanh Gai Phong" as given in FBIS (Palmer)
- 9940 CHINA R. Peking 1900 nx in Fr. abt. Vietnam, mentioned U.S. News & World Report, 1/7 (Sparks)
- 9800 USSR R. Kiev, 0000 s/off in Eng (Marcus) Kazan? (Ed.)
- 9795 CHINA 2000, Peking w/Portuguese to Portugal (Wood) New freq. (Ed.)
- 9765 TAIWAN 1747, VOFC, Taipei, w/Fr. nx, good (Marcus)
- 9760 GHANA 2000, Eng to NA, good (Elliott) //11850 (Berghammer)
- 9760 N. VIETNAM 1326, V. of Vietnam, Hanoi, dedications to US servicemen (Hageman) Abrupt off 1321, back in lang 1331 (Kochizuki)
- 9755 W. PAKISTAN 1505, R. Pakistan weak w/Eng nx (Marcus) Listed 9750 (Ed.)
- 9753 CHILE R. Minería, Santiago, unchanged, Eur. pops 0335 (Wood)
- 9745 MALI 0610, Bamako w/Afr. mx & talk, good sig; //4835, 4785 both weak (H. Kamp)
- 9735 RWANDA D-W, Kigali to Madagascar, Fr. 1615, Eng nx 1645 (Balbi)
- 9725 ISRAEL 2115-2130, Kol Israel, w/Eng nx; 2145 Russ., seemingly not jammed (Marcus)
- /9720 ARMENIAN SSB, Erevan, from 9785 for Sun. Show; 0800-0830 Armenian, 0850-0900 Fr. mixed w/Soviet HS! Splash from Med. 9715; ID for Erevan clearly hrd (Padula)
- 9720 CEYLON R. Ceylon 1330 Hindi in Asia Ser. (Berghammer)
- 9710 MALAYSIA R. Malaysia 1520-1530 good sig in Malay (Marcus) Unlist FBIS (Ed.) 1100 Arabic mx; 1200 Indonesian/Malay HS (Berghammer)
- 9705 S. AFRICA R. RSA, Johannesburg, 0325 (Kruse)
- 9700 BULGARIA R. Moscow/R. Bulgaria; Moscow's Sp. lg. ser 0348-0358 from Sofia, not Moscow; carrier stays on, R. Sofia opens Eng to NA 0400 (Palmer) To NA 0000-0100 (Galo) Fr. to Afr. 2140 (Silverstein)
- 9697 INDIA 1400 AIR, Delhi, Urdu nx, ID "Akashvani"; listed 9690 (Wood)
- 9695 CAMBODIA Phnom-Penh 1145 Chin. w/Camb. mx; Sat; jammer underneath (Berghammer)
- 9695 NETH. ANTILLES TWR/Bonaire w/"DX Spotlight" (not DX Spec.) 0310-0320, 1/5 (Goldman) 0300 NA Ser. Eng to 0350 s/off (Ondriska)
- 9690 CHILE 0156, CE970 down from 9700; much talk, little mx; C201 nx (H. Kamp) La Voz de Chile, frequent time chex, 0330 (Wood)
- 9685 ALGERIA 0717, R. Alger str. in Kabyl, Arab type mx (H. Kamp)
- 9683 ARGENTINA 0410 Sp. ID, RFE, Buenos Aires; now drifted here (Wood)
- 9680 S. AFRICA SABC, Springbok R., Eng 0745 (Berghammer)
- 9675 BRAZIL R. Diario da Manhã w/singing 1119-1133 (Getman)
- 9670 SAUDI ARABIA Jiddah, 1330 Arabic, long-path (Berghammer)
- 9670 S. VIETNAM Huế at 1311, presumably in Vietnamese, nice lvl (Dexter)
- 9667 S. VIETNAM 0700, VTVM, Huế, Viet. nx. (Wood) 1000 Viet., wk, QRI (Berghammer)
- 9660 AUSTRALIA VLQ9, Brisbane, 1050, S2 and fading (Jamison)
- 9660 BULGARIA R. Sofia, 1930-2000 Eng to Eur., from 9650 (Berghammer)
- 9660 CONGO DEM REP. RTC Kinshasa 0600-0630 Fr./Congolese (Berghammer)
- 9655 PERU R. Nor-Peruana, Chachapoyas, light melodies 0200 (Wood)
- 9655 POLAND R. Warsaw beam to HA intercepted on Sat. 0315-0345, new freq. in Eng. Some competition from Havana (Fri. BST) (Black)
- 9652 PERU Logging last month was mis-print; should have read 9562 (Wood)
- 9650 GUINEA RTV Guinea, Conakry, 1930 Fr. (Berghammer)
- 9645 COSTA RICA Faro del Caribe, full Sp. ID 0200 (Wood) ID Eng. 0300 (Goldman)
- 9643 W. PAKISTAN 1215, R. Pakistan, Karachi, Punjabi nx (Wood)
- /9640 S. KOREA Seoul, "The Voice of Victory" excel. 1030-1100, Eng; PMed 1100 (Hall)
- 9640 VENEZUELA Ecós del Torbes, "Servicio Público" 2147-2200; IDs 2135, 2147 (H. Kamp)
- 9635 BRAZIL 0100, R. Aparecida; light mx (Wood) Musical IDs 0127-0130 (H. Kamp)
- 9635 HAITI R. Lumière, 1300-1330 s/off in Spanish (Berghammer) Sked this time (Ed.)

- 9625 PERU R. Atlántida, Iquitos, 0445 Sp.(Berghammer)
- 9625 ISRAEL Kol Israel, Jerusalem, 1830-1900 Yiddish, S5-6, later S9(Berghammer)
- 9622 S. VIETNAM Saigon best 1030-1100 before CBC s/on; also 2330, but QRM (Hall)
- 9615 COSTA RICA 1300, La Voz de la Victor, strong (Mitchell)
- 9615 INDIA AIR, New Delhi, 1200 s/off All India Variety Pgm, Eng (Berghammer)
- 9610 AUSTRALIA VLX9, Perth, W. Australia, 2240 wx, 2245 Eng nx, irr. hrd (Balbi)
Comment.1118 (Getman)
- 9600 ASCENSION IS. 0502, BBC WS s/on (Precosky) 0445 ID Eng, carrier only to 0455,
opens to Afr; gave 25 M.// not understood(Palmer)//11860, 7105, 15235 (Ed.)
- 9600 UZBEK SSR 1200, R. Tashkent s/on in Eng, nx, bad fade (Hagerman) //11925, but
this better (Hochizuki)
- 9595 JAPAN Nihon SWBC Ltd., Tokyo 1055 Japanese; QRM de Brazil (Berghammer)
- 9595 BRAZIL 2358, R. Cultura de Bahia, Port., sports event (Precosky)
- 9589.5 CHILE R. Presidente Balmaceda, Sp tlk 0340 (Wood) 0530 s/off after LA nx;
move from 9600 (Berghammer)
- 9587 INDONESIA 1330, V. of Indonesia, Djakarta, Arabic mx //6107 (Wood) 1130 Eng w/
nx, mx, lots IDs (Hochizuki)
- 9585 BRAZIL 0800, R. Excelsior, Sao Paulo, many IDs, Pepsi ads, good (Hagerman)
- 9585 MONACO TWR at 1000, w/Greek Bible class, Sun. only (Balbi)
- 9575 INDIA 1515, AIR, New Delhi, w/"Radio Newsreel"; poor modulation(Marcus) 1330,
Vividh Bharati, film songs (Wood)AIR, Bombay 1440, into Eng 1511 (Dexter)
- 9572 CHILE Radio Portales, (not Diego Portales) Eur pops 0335 (Wood)
- 9570 S. AFRICA 1735, S.W. Afr Ser, Afrikaans tlk (Wood) 0530 s/on (Berghammer)
- 9565 RWANDA D-W Relay, Kigali, 0500 Fr to Afr, under VOA (Berghammer)
- 9555 IRAQ R. Baghdad 1400 Arabic S6-8 long-path (Berghammer)
- 9553.5 EL SALVADOR R. Nacional, still here (never on 9555), ID 0145 (Wood)
- 9550 GRENADA WIES, 1415 Eng (Berghammer)
- 9550 NORWAY S/on 0700 w/IS to Austr., E. Asia, Indon., W. Afr., in Eng; into Norsk
for nx; still in Norsk 0815 (Palmer)
- 9545 AFGHANISTAN 1900, Kabul s/on in French to Europe, "Ici Kaboul" (Wood)
- 9545 GHANA 2145, R. Ghana w/weekly review in Eng, good (Marcus) 2100 (Duncan)
- 9540 CONGO-DEM REP. R. Lubumbashi 0445 Kiswahili, hvy QRM (Berghammer)
- 9540 CZECHOSLOVAKIA 0100, R. Prague s/on Eng to NA, new freq (Wood)
- 7535 INDIA 1215, AIR, Delhi, Punjabi nx (Wood) 1225 Eng pgm. armt for variety
(Berghammer)
- 9532 PERU R. Nacional, Tacna, classical mx 0210 (Wood)
- 9530 PHILIPPINES VOA/Poro 1102 w/mx pgm (Getman)
- 9530 JORDAN 1827 s/off wk under QRM; later hrd lang; Eng sked change? (Hacken)
- 9525 ALBANIA 1930, Tirana s/on "Govorit Tirana"; 1931 jammer on (Wood)
- 9525 S. AFRICA Eng 0510, clear of Habana (Berghammer) R. RSA (Ed.)
- 9520 ALBANIA 0459, R. Tirana, s/off from Eng b'cast (Precosky)
- 9519 KUWAIT 1330, R. Kuwait ID, "Huna al Kuwait" (Wood)
- 9510 ALGERIA RTV Algerienne HS relay 0700 Fr Domestic to Eur (Berghammer)
- 9510 RUMANIA 0230, Bucharest (S through BBC (Wood)
- 9510 CHILE R. Corporación, Santiago, 0330 w/Eur pops; ex-9495V now on this crowded
channel; do not confuse w/Barquisimeto (Wood)
- 9510 VENEZUELA 1105, R. Barquisimeto, Sp w/local nx (Hagerman)
- 9475 EGYPT 0200, R. Cairo Eng pgm to 0250 (Soneff) Eng nx 2200 (Walsh) 2202 lite mx
(Mohrmann)
- 9460 EGYPT Cairo in Arabic 0550 (Getman)
- 9370A CHINA R. Peking, SEAsian lang, poss. Laotian, nx 1200 (Silverstein)
- 9020 CHINA 2300 pips, R. Peking one of numerous svcs in lang, readable lvl(Niblack)
- 9009 ISRAEL 2115, Kol Israel w/Eng to 2130; USA-3 (Mitchell) Noted poorly, closing
2159 w/R. Anthem (Hauser) 2100 Fr, 2115 Eng, off 2131 (G.Ferguson)
- 7305 POLAND (Tent.) Pathfinder's Sta. 0015, Polish, Hon. If this right, they're at
least 10KW now-S9 sig (Berghammer) No power shown FBIS (Ed.)
- 7300 MALAYSIA R. Malaysia, Kuala Lumpur Eng nx 1100 (Fredericks)

- 7300 USSR (Eur) KARELIAN ASSR, Petrozavodsk (listed) relay Moscow Radiostansiya R6-dina, open in Russ, then into Ukrainian "Hovoryt Kiyiv" 0600 (Wood)
- 7295 MONACO TWR, Monte Carlo Eng rel. pgms 0725 to 0830 and past (Elliott)
- 7295 INDONESIA 1100, RRI Manado w/network pgm; local ID 1115 (Padula) Celebes, RRI Manado, local ID 1010, //5987 (Wood)
- 7293 ETHIOPIA 0330, V. of Ethiopia, Addis Ababa, s/on this measured freq (Niblack)
- 7290 ALBANIA R. Tirana 0300 Eng to NA, poor audio; new channel; 7265 better, but not dual (Berghammer)
- 7285 USSR (As.) (As in country list (Ed.)) Khabarovsk, relay Moscow HS 0730 (Wood)
- 7280 MALAYSIA R. Malaysia, 1130 Malay(?), under USSR (Berghammer) Penang (Ed.)
- 7275 ITALY 0440, RAI end Eng nx by W.; ann. beamed to Medit. area; bird IS foll. (M.Kamp)
- 7275 NIGERIA 2149, Lagos hrd w/Eng nx, fair, much QRM (Hagerman) 2140 Eng, country/western mx (Berghammer)
- 7270 INDONESIA 1030, Djakarta w/very solid sig (Padula) RRI Djakarta, 1000, Indonesian (Berghammer) New freq (Ed.)
- 7265 ALBANIA 0730, Tirana in Polish, "Tu mowi Tirana" (Wood) Nx propaganda 0015 (O'Conner) 0630 w/Eng tlks (Ferguson) 0030 s/on w/nx (Pollak) To NA 0030-0055 & 0130-0155 (Galo) 0300-0330 (Elliott)
- 7260 MONGOLIA (Tent.) Ulan Bator, 0945 language (Berghammer)
- 7245 ETHIOPIA 0400 ETLF, R. V. of Gospel, mx, Eng ID (Thacher) 0400-0430 str. w/Eng to Afr, asking for rpts; said "initial b'cast on freq" 1/7 (Field) 7295 Ethiopia in Jan. should have been 7245 (Cohen)
- 7245 S. VIETNAM Saigon 1530 Eng nx at reg. & dictation speed, no Eng ID hrd; s/off 1555 (Sparks) 1145 Vietnamese (Berghammer)
- 7220 AUSTRALIA 1100, R. Australia, Eng nx (Thacher) Mandarin 1130 (Fredericks)
- 7215 ALBANIA R. Tirana 0630 Albanian, new freq (Berghammer)
- 7215 INDIA AIR, New Delhi, 2215 Eng to Europe, clobbered (Berghammer)
- 7215 TAIWAN AFNT hrd w/western mx, 1120 (Fredericks)
- 7210 SENEGAL Dakar at 0730, in Fr (Berghammer)
- 7205 MOZAMBIQUE 1800, Rádio Pax, Beira ID "Aqui Beira...", pops (Wood) 1900 w/rel. pgm in Port., class. & rel. mx; mixed w/VOA/Thessaloniki (Padula)
- 7205 POLAND R. Warsaw, 0315-0345 Eng to ECNA once wkly, Sat. (Berghammer) Finally hrd 1/6, thru Ham QRM (Cohen)
- 7195 JAPAN 2300, R. Japan, Chinese to Asia (Thacher)
- 7195 LIBERIA 0600, VOA/Monrovia, Fr ID, Fr nx, off suddenly 0601; found on 7175 where sked (Ferguson) Sked 7195 to 0600, E/C Afr; 7175, 0600-0600 to W/C Afr (Ed.)
- 7190 AUSTRALIA 0945, R. Australia relay OMTF to Antarctica, in Fr (Wood) Pops 0540 (Getman) S7 at 0930 Eng to Mid-Pac. IS (Jamison)
- 7189 ISRAEL Kol Yisrael, Arabic ser, ID "Al idhaat al Israiliya", nx 0430 (Wood)
- 7180 IRAQ R. Baghdad, 0425, has retimed; bird IS, into Arabic shortly after. 11785 at same time, prob. //. New time here also (Niblack) 0430 ID, great sig (Cohen) Jeweled mechanical bird 0425, muttered ID 0430 (Schnabel)
- 7175 SICILY Caltanissetta, Italian HS, Prog. II, 0530 s/on, //9515, (Berghammer)
- 7170 NEW CALEDONIA 0705, Nouméa (tent., no ID) good sig; Fr mx & ann. (M.Kamp) 0745, choppy Fr, time chck, 182145 "a Nouméa" (Hauser)
- 7160 MALAYSIA (E.) 1000, R. Malaysia, Kuching, Chinese songs (Wood) 1215 Eng, I think; weak (Berghammer)
- 7160 MOROCCO VOA/Tangier, Eng ID 0600 (Wood)
- 7155 JORDAN 1147, Amman w/chants, Arabic; ME mx 1200-1215 (Getman) ID 0730 (Wood)
- 7145 W. GERMANY 0355, RFE Czech service IS, s/on (Wood)
- 7145 MALAYSIA (E.) 1000, R. Malaysia, Kuching, Malay talk (Wood)
- 7140 CYPRUS BEC, Limassol, Arabic ser, Arabic mx 0430 (Wood) //9650; 6120 (Ed.)
- 7130 TAIWAN BCC hrd w/Eng mx selections 1045 (Fredericks)
- 7125 GUINEA REP. 1755; Conakry w/W. Afr songs (Wood)
- 7122 SOMALI REP. 1500, R. Somali, Hargeise w/Somali mx & tx; QRM Warsaw (Padula)
- 7120 MALAYSIA BCFER, 1145 Vietnamese (Berghammer) //9725, 11955 (Ed.)

- 7120 CHINA R. Peking, 0100 good, //11720, 15060, Eng(Fogel)0200-0255, Eng NA (Galc) 0100-0200 Eng to ECNA//9780, 11720, 11945. S9+20DB=Albania relay?(Berghammer) Dunno-120KW listed (Ed.)
- 7115 CONGO DEM REP R. Kinshasa; 0530 Fr; S-6-7 (Berghammer)
- 7115 THAILAND 1115, TBS Bangkok, w/local lang (Padula) New freq (Ed) GOS fade/in 1045; Malay 1130-1145, Chin 1145-1155, s/off; some QRM de Malaysia(Fredericks)
- 7110 MALAYSIA 1130, R. Malaysia, Kuala Lumpur, in Chinese(Padula) 1115 Chinese; station underneath (Berghammer)
- 7105 ASCENSION IS. 0530, BBC Vern/Afr ser in Fr; Afr mx & Hausa 0545 (Hirst) 0600 WS nx (Ferguson)
- 7105 THAILAND Thai TV Co., from around 1030, Thai mx; a regular(Padula)Hrd in Thai at 1130 (Fredericks)
- 7103 MALAGASY REP. 1800, Tananarive, French ID; nominally 7105 (Wood)
- 7060 CHINA 1200, R. Peking, Tagalog to Philippines (Wood)
- 7053 EGYPT/UAR 1430, Cairo w/Arabic mx, drifted from 7050 (Wood)
- 6620 CHINA 2000, R. Peking, in Esperanto to Europe //6640, 7080, 9360(Wood)2155-2223 Eng, poss. to UK; very bad QRM (Palmer)
- 6600 N. KOREA R. Pyongyang 2223-2250 in Korean //6250 (Palmer)
- 6290 CHINA 2130, R. Peking s/on for short Eng session (Niblack)
- 6270 N. KOREA 2230-2240, Pyongyang in Asian lang, //6250 also audible (Niblack)
- 6270 CHINA R. Peking, 2130-2230, Eng to Europe (Berghammer)
- 6250 N. KOREA Pyongyang, 1030 Korean, HS (Berghammer)
- 6206 COSTA RICA 2331, TIHGB, R. Relej, ads in Ap (Deal) Soccer 0240 (Mohrman)
- 6200A LAOS 1200, R. Pathet Lao, W. talking in unid. Oriental lang (Field)
- 6195 ALBANIA Tirana 2200 w/Eng nx, prop; 2245 chk noted in Fr (G.Ferguson)
- 6195 S. KOREA 0750, Christian Bc. System, Seoul, organ mx (Wood) HILKY, CBS, 0730 nx in Korean, then organ mx (Sparks)
- 6180 KAZAKH SSR 1800, Alma-Ata, Kazakh ID; //4990 (Wood)
- 6175 BRAZIL R. Guarani, Belo Horizonte, mx & tlks around 0700, Port. (Elliott)
- 6175 JAPAN NHK, HS relay, Amer. show mx 1740 (Sparks)
- 6170 MOROCCO 2000, new outlet, noted w/talk in Arabic (Padula)
- 6170 PHILIPPINES 0745, PBS, Manila w/full ID in Eng (Wood) 0800 Eng, noisy some nites (Hochizuki)
- 6165 PHILIPPINES PBS, Manila, drifting again, Eng nx 1000 (Wood) Down from 6170, hr. long nx pgm beginning 1030, 1/4 (Fredericks)
- 6160 S. VIETNAM VTVN, Saigon HS, Viet nx 1000, no sign of Thailand; careful of ID (Wood)
- 6162 ZAMBIA 1730, R. Zambia, Lusaka, Eng DJ show (Wood)
- 6155 AUSTRIA 0700, OEI, R. Austria s/on Ger, //7245, poor (Hagerman)
- 6150 S. AFRICA 0053, Springbok R. w/mx & ads in Eng (Deal) All-nite Ser; Eng/Afrikaans comm'l ser, s/off 0300; Springbok R. not audible after RSA s/off because of VOA in Russ (Thacher)
- 6145 NIGERIA (E.) 0615, V. of Biafra, fair w/Eng commentary (Deal) 0520 Eng, hvy QRM (Walsh) Anti-Nigerian tlk after 0500 nix (Cohen)
- 6140 AUSTRALIA ABC Perth, 1230 Eng (Berghammer)
- 6140 COLOMBIA 0330, R. El Sol, Cali, Todelar network relay (Wood)
- 6135 ALBANIA 1930, Tirana, "Govorit Tirana", Russian (Wood)
- 6135 BURYAT ASSR 1415, Ulan-Ude w/Mongolian political talk (Wood)
- 6130 LAOS Vientiane, Lao talk, fair thru Vladivostok 1005 (Wood)
- 6130 NORWAY 0530, R. Norway in lingo, fine lvl, no QRM (Shaw)
- 6127 CONGO DEM REP. 0410, Luluabourg, African chorus (Wood)
- 6122 W. PAKISTAN 1210, R. Pakistan, Rawalpindi, Urdu talk (Wood)
- 6120 ARGENTINA R. El Mundo, B. Aires, ID 0300 (Wood)
- 6120 CYPRUS 0415, BBC Limassol, Arabic mx (Wood)
- 6116 S. VIETNAM VTVN, Dalat, Viet choral mx 1005 (Wood)
- 6110 NETH. ANTILLES TWR Bonaire, s/on 0800 daily in Port. Ser, strong (Balbi)

- 6110 AZERBAIJAN SSR 1600, R. Baku w/IDs/anthem, into Turkish; mixed w/BBC Eur. same freq(Padula)Baku (list) s/on HS in Russ. 0330 after BBC s/off (Berghammer)
- 6106 SOMALI REP. 0300, Mogadishu s/on w/anthem, Somali ID (Wood)
- 6105 HAITI 0215, wanderer, LV de Rev. Duvalieriste, found again, 1/5; ID 0255(Hirst) Clobbering this freq, completely hiding RRI, Djakarta (Graham)
- 6103 INDONESIA V. of Indonesia w/1100-1200 Eng svc; nx 1116; 6003 last month report was mis-print, sorry(Graham) 1110 w/Eng nx (Fredericks)
- 6100 YUGOSLAVIA R. Belgrade best 2200 w/15 min. Eng nx, then Fr. (Cohen)
- 6095 IRAQ 1423, Baghdad ending Urdu nx, into Arabic (Wood) Eng to Eur. 1955-2015, IS, into lang (Walsh) 1930-2020 Eng, well hrd (Cohen)
- 6095 S. AFRICA 1730, SABC, English comedy(Wood) Eng. Internal Svc. (Ed.)
- 6090 ARGENTINA 0330 ID, R. Belgrano, Buenos Aires (Wood)
- 6090 AUSTRALIA C905, VLI6, Sydney, ABC nx; still only 2KW(Hausner)0820 nx, QRM (Sparks)
- 6090 CZECHOSLOVAKIA R. Prague, 0330, finally hrd on this freq (Cohen)
- 6090 LUXEMBOURG 0715, Dutch, S7-8 (Berghammer)
- 6090 NIGERIA RTV Kaduna, 0615 Eng, S5 (Berghammer)
- 6085 CONGO DE REP. 0405, Kisangani, Afr. chorus (Wood)
- 6085 INDIA 1330, AIR, Delhi, Vividh Bharati, film songs, // 9575 (Wood)
- 6085 W. GERMANY Munich (BR), 0645-0700, nx & comment in Ger.(Nordgren) 0700, Ger. (Berghammer) Bayerischer Rundfunk, regional (Ed.)
- 6082 PERU 0335, R. Nacional, Lima, OAX4Z, sports, hvv QRM de CFIK 6080 (Deal)
- 6080 ALGERIA 0700, Algiers HS, 0700 Fr.; new (Berghammer)
- 6080 USSR SFE Khabarovsk(?), R. Mayak 1820-1910; mx w/Russ. lyrics, 1830 "I. in M" IS, "Govorit Mayak" ID. 6 time pips 1900(Palmer)Khabarovsk listed FBIS '67; also is 2 hrs earlier than Lamchatka w/8 pips at this time (Ed.)
- 6080 HONDURAS 2300, HRRH, La Voz del Junco, Sta. Barbara, mx pm, ads; listed WRTM 6075(Field) Listed FBIS 6079V (Ed.)
- 6075 COLOMBIA 0308, R. Sutatenza in Sp., good, w/Christmas mx (Hagerman)
- 6071.5 INDONESIA (Irian) RRI, Sukarnapura, so ID'ing, local requests 1145 (Wood)
- 6070 CANADA 0330, CFRX, Toronto, ID as CFRB(Wood) 1700, very weak (Kruse)
- 6065 SWEDEN 2110, Hörby good in Eng w/tlk of Nobel Prize (Niblack)This Eur svc sometimes better than NA beam (Hirst) Nx from HS 0700 (Wood)
- 6065 BRAZIL Rádio Nacional, Brasília, full ID 1900 (Wood)
- 6060 SICILY 0330, Caltanissetta s/on, partially audible (Hagerman)
- 6058 RWANDA 1900 ID, R. TV Rwandaise, Kigali, alternates w/6055 (Wood)
- 6055 JAPAN Nihon SWBC Ltd., 0830, Japanese (Berghammer)
- 6045 JORDAN 1945, Amman, new freq, w/Arabic talks & mx (Padula) Amman (tent.) 2045 Arabic (Berghammer)
- 6045 PANAMA La Voz del Baru, S-9+ lvl, freq. gongs & IDs, nat. mx; seems to be only Panamanian SW outlet in captivity around 0230 (Niblack)
- 6040 COLOMBIA La Voz del Tolima, 0335-0404 w/pops, ID 0405, good (S.Kamp)
- 6035 USSR SFE 1000, Vladivostok HS, Russ (Berghammer) Khabarovsk now listed FBIS (Ed.)
- 6030 W. GERMANY Muehlacker (SDR) 0715-0745, nx & comments in Ger (Nordgren)Stuttgart, SDR, 0645 Ger, S7-8 (Berghammer)
- 6030 PHILIPPINES FEBC, Manila, 1100 Eng, wk; 2KW (Berghammer)
- 6022 USSR SFE 1000, Khabarovsk HS, in Russ (Berghammer)
- 6020 MEXICO XEUN, Eco de Sotavento, noticias & ID 0555, 12/28 (Sparks) Veracruz, s/on 1130 Sp (Berghammer)
- 6020 USSR (As.) Moscow w/IS at 1800, into Chinese pgm (Mochizuki)Khabarovsk, prob.(Ed)
- 6015 SWITZERLAND 2005, SBC to G. Britain, jazz festival (Hagerman)
- 6010 MEXICO 0755, R. Mil, ID, pops (Wood)
- 6005 W. BERLIN RIAS, W. Berlin, 12/18, 0545-0615, pgm of Eng & Ger songs, w/emphasis on Christmas carols (Nordgren) Ger nx 0400, wk & fluttery, rarest Eur logging here.(Wood)
- 6000 SWAN ISLAND 1244, R. Américas ID, nx talks; also 2200 Eng ID & addr.(S.Kamp) 0555 QRM VOA (Deal) IS & full ID w/address 0600(Palmer)1020, no QRM at this time; def. ID (Cohen)

NASWA-FRENDX

SHORTWAVE CENTER

FEBRUARY 1968

- 6000 THAILAND Thai commercial sta., evidently Thai TV Co., Bangkok, listed 6010; com-
m'l's. in Thai; 1030, more serious pgmg. than 7105 (Wood) New or rarely hrd; unlist-
ed FBIS (Ed.)
- 5995 GREECE VOA/Thessaloniki, 2100 Czech; weak but clear (Berghammer)
- 5990 SWEDEN 0030, Hörby going into Eng xmission (Niblack) ECMA (Ed.)
- 5985 TANZANIA 0400, R. Tanzania w/ID, fair lvl; foll. by lang. nx by M. (Niblack)
Dar-esSalaam, ID 2000 (=10 AM Hawaiian time) (Wood)
- 5980 GUYANA 0940, R. Demerara; inaudible before 0930, QRM de Canada (Thacher) Xmas
mx 1020-1030, Eng anmts; (Getman) 1052, no IDs hrd, but time chex 3h.45m. behind
GMT (Cohen)1030, Eng ads, Eng & Indian mx (Fredericks)
- 5975 S. KOREA KBS, Seoul, 1215, HS in Korean (Berghammer)
- 5966 BRAZIL 0135, R. Guaibá on Xmas eve w/Xmas mx, "Bom Natal"(Boa?) (Hirst)
- 5965 MOROCCO VOA/Tangier, Breakfast Show 0455 (Thacher)
- 5960 HONDURAS 0040, LaVoz de Occidente w/Christmas mx (M.Kamp)
- 5954 COSTA RICA TIQ, Limon ann. "Gold coast radio on the beautiful Caribbean", xmas
carols, personal msgs. thru 0520 (Getman) Lots Eng ads, R&R mx 0505 (Goldman)
- 5900 CHINA PLA, Foochow, fq. normalized again, Chin. tlk, evident jamming, 1010(Wood)
- 5320 CHINA 2300, R. Peking w/pips, on oddball freq. Best I can tell, not //9020(Niblack)
- 5089 HAITI What I consider 4VAF from 2325-2345, rel. mx, Xmas mx etc., Fr anmts, 12/6
(Niblack)
- 5065 INDONESIA (Sumatra) RRI, Medan, ID & into Nat'l. nx 1200 (Wood)
- 5060 S. YEMEN 1715, S.Y.B.S., Yemen, classical Arab mx (Wood)
- 5055 ECUADOR 1100, HCRFl, R. Católica, Quito, Cath. rel., nx 1130 (Field)
- 5052 SINGAPORE 1404, R. Singapura w/i. read nx in Eng; chimes 1410. Wk; 12/24(Hirst)
Eng nx 1530//11940 later badly QRM(d(Balbi)12/20, Eng nx 1500 (Fredericks)
- 5047 INDONESIA(C. Java) 1355, RRI Djogjakarta w/gamelan mx, then call of Perkutut;
into local nx in Indonesian after ID 1400(Hirst)1128-1201 fade, local type mx
(Graham)
- 5045 BOLIVIA 0330, Emisoras Altiplano, La Paz, speech by politician (Wood)
- 5045 BRAZIL 2303, R. Rio de Janiero, clear IDs; does not fit listing; noted 1st. by
Marlin Field(Niblack)FBIS '67 has this name, no call given; ZY23, Petropolis,
inactive(Ed.)Hrd almost nitely, clear ID, rel. b'cast 0000. WRTN '62 states R.
Quitandinha testing, will relay R. Rio de Jan. ZY234 MW (Field)
- 5042 COOK IS. Rarotonga, Eng time-check 0530 (Wood)
- 5040 BURMA 1300, Burma BS, ID in Burmese; Ute QRM (S.Kamp) Burmese opera w/recitative
by M. after 1300; very strong(Hirst) 1237-1320 fade, Western pop mx, uninterrupted
except for anmts in Eng at 1250 & 1304, 12/17 (Graham)
- 5040 VENEZUELA Radio Maturín, marches 1000 (Wood)
- 5037 MALAYSIA 1355, R. Malaysia Sarawak, end nx by M. in Eng; same IS as Ed Shaw tape
(also like 4855) 12/24 (Hirst)Hrd in lang 1115 (Fredericks)
- 5035 BRAZIL Rádio Anhanguera on 1/1 at 0708 t/i. Nice strength (Dexter)
- 5035 CENT. AFR. REPUBLIC (Tent.) 0603, Bangui(?) in Fr w/pop mx, s/off 0630(Hagerman)
- 5030 INDONESIA(Sumatra) 1253, Medan, in lang, w/typical Indon. mx; poor (Hagerman)
- 5030 VENEZUELA 0340, R. Continente, Caracas w/ID (Wood)
- 5021 ANGOLA Rádio Clube da Huila, Sá da Bandeira, 1730 ID "Aquí Portugal, Angola"(Wood)
- 5015 ANGOLA Rádio Clube de Hoçamedes, Port. ID 1730, western pops (Wood)
- 5015 USSR (As.) 1203, Vladivostok in Russ, v.g., Oriental mx (Hagerman) Listed 5016;
Arkhangelsk listed 5015 (Ed.)
- 5010 SINGAPORE 1215, Forces Ec. Svc., w/British comedy (Wood)Comedy show (believed
BBC's) to 1230, then lang mx to 1245 fade (Graham)
- 5010 MALAGASY REP. 1700, Tananarive, French talk (Wood)
- 5005 PERU 0A2S, Jaén, various times, incl. 2300-0300 s/off, mx, very little tlk or
ads; ID def., altho infrequent; Dexter's UNID, (Field) Mx & ID; s/off 0400, 1/5
(Sparks)
- 4998A CAMBODIA R. Phnom-Penh drifting back down from a high of 5005; hrd 1/11 w/Eng
ann. & anthem, then stayed on after 1500 w/pop mx instead of usual s/off. Still
ann. freq as 4907 (Sparks)

- 4995 BRAZIL R. Brasil Central, Goiania, ZYY2 (not ZYX9), their LW outlet) hrd from 0805-0818, Port. lang "wake-up" pgn(Palmer)ID & 0300 s/off; gong IS (Sparks)
- 4995A SUDAN 0430, Omdurman w/ID, world nx to 0445; Arabic, strong (M.Kamp)
- 4995 CAMBODIA 1219, Western nx to Fr. nx and tx at 1230, 1/7 (Graham)
- 4994 CAMBODIA Rdif. Nationale Khmère, Phnompenh, Fr. ID 1030, now here, do not confuse with Omdurman (Wood)
- 4990 NIGERIA 0600, Lagos, NBC w/nx by man, //4930A (M.Kamp)2209 poor in Eng(Hagerman)
- 4990 KAZAKH SSR 1800, Alma-Ata w/Kazakh ID, //6180 (Wood)
- 4985 MALAGASY REP. 1700, ananarive, Malagasy talks(Wood) 1915 w/nx pgn, s/off 1930, mentioning "R. Madagascar"; very str., Fr. ID (Padula)
- 4985 MALAYSIA R. Malaysia, Kuala Lumpur w/Eng nx 1400 (Fredericks)
- 4985 BOLIVIA 0231, Southern Cross Radio (La Cruz del Sur) Eng to 0245 s/off, w/addr. given by R. 1st. time hrd. (M.Kamp)
- 4980 VENEZUELA 0510, Ecos del Torbes, San Cristóbal, on late for fiesta (Wood)
- 4972 CAMBODIA Yaoundé 0550 Eng nx; ID 0600, Afr. nx; RTTY QRH (Sparks)
- 4970 MALAYSIA Jesselton, Sabah(Br. No. Borneo)(Tent.) No ID; 1245-1300 M. tlk in unid Oriental lang, vy wk sig.(Field) FBIS list 4960, several years; WITH 4970 (Ed.)
- 4950 MALAYSIA R. Malaysia-Sarawak, IS, s/on into Eng 1100; also Eng nx 1400(Fredericks)
- 4945 S. AFRICA 2345, R. South Africa All-Night Ser(Thacher) 4946, Springbok R. w/S7 sig, 2215(Jamison) 0300 s/off, A-N Ser., same pgn as 6150 (Cohen)
- 4940 IVORY COAST RTV Ivorienne, 2215 "Ici Abidjan", pop after (Cohen)
- 4934 KENYA 0400, V. of Kenya, pips, into nx after vern. nx pgn; not //4915, or as strong(Mblack) 10LW still listed(Ed.)
- 4932 NIGERIA NBC, Benin, Eng. ID and nx 0500 (Wood)
- 4920 AUSTRALIA 1228, VLT4, Brisbane w/ID & nx; BBC nx 1300, Austral. nx 1309 (S.Kamp) 1302 ADC nx(Hagerman) 1325 pops(Fredericks) 0813 sports (Schnabel)
- 4920 INDIA 1655, AIR, Madras, Indian mx (Wood)VUII, Madras, Eng nx at 1530 (Sparks)
- 4915 GHANA GBC at 2222, fair sig(Jamison) Faint Eng. commentary 2235 (Silverstein)
- 4915 KENYA 0345, Somali talks & nx (Wood)lk, QRH, 0352 Somali mx, 0400 march & Eng ID (S.Kamp) 100 KW listed! (Ed.)
- 4912.5 GILBERT & ELLICE IS. Voice of Tarawa, tent. on 11/19, positively 12/17 at fair lvl, s/off 0633 and 0632 (exter)0610-0630 s/off, . w/rel. svc format, ID well hrd. (Shaw)
- 4911 ZAMBIA 0700 w/Christmas pg, 15 min Eng/15 min vern.(Shaw) 2045-2121, when QRMed; extended Christmas eve sked w/Eng & nat. pop nx; annts in lang, but time given in Eng, between most records (Graham)
- 4900 GUINEA REP. 0635, Conakry w/Arab type singing; 0643-0659 E. in Fr.//15305; both weak and hard to read (M.Kamp)
- 4900 VENEZUELA R. Juventud, 2330 w/LA pop mx (Cohen)
- 4896 USSR(As.)Tyumen'(tent.)1355, T. talk Chin. like lang, anthem by chorus 1359, M. cont. in lang; QR Perth, 4897A (First)
- 4890 VENEZUELA R'difusora Venezuela; TVIB, Sp. nx 0355 (Silverstein)
- 4890 PAPUA TERR. 1350 VLT4 Port Moresby, rel talk 1350, ID & time 1359, anthem/s/off 1400 (S.Kamp) 1306 ABC nx(Hagerman) lx in Eng 1300, good (Schnabel)
- 4890 SENEGAL 0600, Dakar w/chanting after anthem (Hagerman)
- 4885 KENYA 0345, V. of Kenya, Nairobi, light mx (Wood)
- 4880 VENEZUELA R. Universo, Barquisimeto, "R. Universo informa" 1015 also 0400 s/off (Wood)
- 4880 INDIA 1250, AIR, Lucknow, Indian songs (Wood)
- 4872 INDONESIA (W.Irian) 1305, Sorong w/Indon. discussion of Mecca; pop song of encouragement 1320; piano interlude to 1330 (First)
- 4872 GUATEMALA 0702 R. Santa Cruz w/late s/off; nx to 0704, when supposedly off the air(M.Kamp) Sta. Cruz del Quiche; 0130, Sp. lang lx for Indians, ID 0133, time check (5 min. fast)(Tnx 1993)(Gausser)Past 0600 for spec. New Year pgn, marimba mx (Sparks)
- 4870 DAHOIY 0536, Cotonou w/vern. nx, then chanting (Hagerman)
- 4865 BRUNEI R. Brunei hrd w/Eng nx 1315 (Fredericks)

- 4860 INDIA AIR Delhi, Eng nx 1530, 1/9 (Sparks)
- 4856 INDONESIA (S.Sumatra) Palembang, 1345 W. sing Indonesian song w/Indian influence; 1400 H. give nx in Indonesian quite weak; may be relay Djakarta (Hirst)
- 4855 COLOMBIA R. Meiva, HJGT, LA mx 0250 past 0304(Getman) Spec. late New Years eve pgm after 0500 (Sparks)
- 4855 MOZAMBIQUE 0345, Rádio Clube Lourenço Marques, Afrikaans talk (Wood)
- 4845 COLOMBIA 0315, HJGT stabilized on this freq.(Nblack) R. Bucaramanga w/Eng travel ads 0340-0350; about once a month; hrd 1/5, QSL rec. 15th!(Hirst)
- 4840 INDIA 1337, AIR Bombay (listed) N. talk Indian lang, quite strong (Hirst)
- 4835 MALI 0645 Bamako w/drumming & singing, nx in Fr., on the hr. (Schnabel)
- 4835 MALAYSIA 1350 R. Malaysia-Sarawak w/Arabic ser; distinctive IS 1400, into Malay (Hirst) 1200-1235 YL & OM BBC lang lx; IS & ID on half-hour in Eng.(Shaw)
- 4820 ANGOLA 1715, Emissora Oficial, Luanda, songs (Wood)
- 4820 HONDURAS 0305, R. Evangelica, HRVC in Eng., into Sp.0330(Deal) 0300 Sun.(EST) w/Eng(Magerman) Eng dly 1230 (Field)
- 4820 INDIA AIR, Calcutta, 1325 N.talk(not Banjar or Indon.)long Indian song by W; 1445, market(?) prices in Eng; first thought was Banjarmasin (Hirst)
- 4820 INDONESIA (Borneo)(Tent.)RRI Banjarmasin 1230-1240 several mentions Indonesia, piano medley standard mx, weak/RRI(Shaw)lx & nx, good sig.15 min, faded (Field)
- 4820 USSR(Rs.) Magadan 0647-0745 Russ. MS pems, ID 0700 "Govorit Magadan"; nothing hrd on 4996 on several chks; this must now be lower freq. channel(Talmer)
- 4807 INDONESIA 1440, RRI Djakarta, Programa "asional, talk. //7267 (Wood)
- 4800 INDIA Hyderabad, Indian mx, local ID 1530; AIR ID & Eng nx (Sparks)
- 4795 DOMINICAN REP. Onda Musical 0301-0333 s/off, new freq.(Dexter)
- 4790 VENEZUELA 0330 ID Ondas Porteñas; Am. pops, Pepsi ads, nat. nx (Nblack) YVQN 2245-2345, nx, mx, freq IDs ads; hrd 1st time in over 4 yrs (Field)
- 4790 HONDURAS 2300, R. Primero de Mayo, Tela, HRST, mx pgm to 0000, 1/7 (Field)
- 4780 ECUADOR IDs as R. Atahualpa between mx sel., and as KW sta at 0400 ID; (K.Kamp)
- 4780 FR. SOMALILAND (Afar & Issa Terr.) 1735, Djibouti, Arabic tlk & mx (Wood)
- 4775 INDIA 1255, AIR, Gauhati, tlk in non-Hindi N. Indian lang (Wood)
- 4770 LIBERIA ELMA, Rel. in Eng 0645-0700 (Goldman)
- 4753 INDONESIA (Celebes/Moluccas) 1313, Makassar; interview w/Communist leader in Indonesian; hvy CW QRM (Hirst)
- 4715 CAPE VERDE IS. 2201, R. Clube Mindelo, closing down, 12/30 (Graham)
- 4680 ECUADOR 0215, R. Nacional Espejo, ID hrd, 1/1 Art Glover's Unid. (Cohen)Back on freq of years ago; listed 4880 WRTH (Field)4678 went here in Nov. (Hirst)
- 4650 ECUADOR R. Dif del Ecuador, HCAK2, 0200-0230 drama, nx 0330; listed 4705(Field)
- 4635A TADZHIK SSR Dushanbe (Tent.) 0515-0600, M tlk, lang similar to USSR (Field)
- 4600 NEPAL Seems to have altered sked, now hrd from around 1230, instead of 1320-1520; nx in Eng 1400-1410; fair lvl. (Padula)
- 3985 INDONESIA (W. Irian) RRI, Merauke, good for 290W, freq IDs, pops 1045 (Wood)
- 3975 INDONESIA 1045, R.R.I., Surabaya w/local requests (Wood)
- 3970 ANGOLA R. Clube de Huila, 2135-2150 ARO/QRM lang tx, xylophone mx (Graham)
- 3965 W. PAKISTAN 1710, T. Pakistan, Peshawar, Urdu nx (Wood)
- 3960 CHINA 1230, R. Peking, s/on in Standard Chinese to Asia (Wood)
- 3952.5 ENGLAND BBC, Eng nx 0400, Ger & Eng 0645 (Goldman)
- 3945 JAPAN JOZ well hrd 1325-1335, readily IDed (Shaw)
- 3940 HONG KONG 1045, R. Hong Kong, Cantonese tlk (Wood)
- 3935 INDONESIA R.R.I., Semarang, local requests 1040 (Wood)
- 3925 JAPAN JOZ, Tokyo at 1045 w/"Let's Speak Eng" pgm (Fredericks)
- 3918 S. KOREA 1230, KBS, Seoul, Korean tlk (Wood) HLK51, listed 3910 (Ed.)
- 3920 JAPAN 1330, FEM, typical AFN format & IDs (Shaw) 1145 western mx (Fredericks)
- 3900 CHINA 1040, Hailar, Inner Mongolia, Mao tlk in Mongolian (Wood) Beware Peking and Fukien also listed here (Ed.)
- 3704 ANGOLA R. Clube de Huanbo, hrd reg. around 2130 w/usual ARO CW QRM (Graham)
- 3607 JAPAN NHK, Hiroshima, Japanese tlk 1055 (Wood) New, unlist (Ed.)
- 3400 CHINA 1250 PLA, Fukien(listed), W. tlk rapid-fire Chinese, weak, 1/3 (Hirst)

- 3395 VENEZUELA R. Universidad, Merida, 0025 ID hrd (Cohen)
- 3390 ECUADOR 0500, R. Zaracuy w/ID & Sp mx (M.Kamp) 1100, request mx, time chex (S. Kamp)
- 3385 BRAZIL R. Clube Teresina 0816-0844, poor sigs; nat./pop mx, ID 0816 (S.Kamp)
- 3385 FR. GUIANA ORTF, Cayenne, 0305 s/off, on New Years Eve (Cohen) 0920 w/pops to 1000; ID 0930, all Fr (S. Kamp)
- 3385 NEW BRITAIN IS. 1235, R. Rabaul w/old US pop records, 1/1 (Hirst) 1226 w/mx thru 1237; ann. & ID pidgin; S-9+26DB (Getman)Band mx & nat. armt 0805 (Sparks)
- 3380 GUATEMALA 0025, R. Chortis w/excel. sig in Sp (M.Kamp)
- 3380 MALAWI Blantyre, 0500-0615 mx pgm w/Eng armts (ads?) & other lang; 1st hrd behind Sp nos. sta, then loud after it s/off; 1/2 (Field)
- 3378 ECUADOR 1129-1146 fade, R. Iris w/s/on armts & unint. LA pop mx, 1/7 (Graham)
- 3375 INDONESIA R.R.I., Djambi, Azan (call to prayer) 1050 (Wood) Moslem (Ed.)
- 3365 INDIA 1650, AIR, Delhi, Indian songs (Wood)
- 3355 INDIA 1650, AIR, Kurseong, Indian songs (Wood) 1245, Indian mx (Hirst)
- 3355 INDONESIA R.R.I., Sumenup, local ID, in clear after 1102 (Wood)
- 3355 NEW CALEDONIA 1102, ORTF, Nouméa, s/off with anthem (Wood) R. Nouméa 0800 Fr nx //7170 best (Balbi)
- 3355 VENEZUELA 0445, R. Valencia w/Sp mx and many IDs (M.Kamp)
- 3346 ZAMBIA R. Zambia well hrd w/bird IS, plain ID 0342:30 "R. Zambia", time chex into vern. (Niblack)0345-0415 Afr nx in 2 lang; ID & other pgms in Eng (Field) After s/on 0346, powerful; nat. to 0355, then Eng; DJ w/corm'ls. 0404(Dexter)
- 3345 ZAMBIA 1700, R. Zambia, Lusaka, newsreel pgm (Wood)
- 3340A ECUADOR HCJB on 1/1, 0430 to past 0500 in spec. b'cast in Sp (Field) Relayed by Tulcan? (Ed.)
- 3335 NEW GUINEA TERR. 1230, R. Newak caught signing off, Pidgin & Eng, GSTQ; 1/1 (Hirst)Hrd 1st. time this year, fair sig in lang & Eng, 1230, 1/9 (Graham)
- 3320 N. KOREA 1255, Pyongyang w/Korean tlk by W; rev. anthem 1300; 1/4 (Hirst)
- 3315 MARTINIQUE shown as 3300 in Jan. was typographical error; sorry, gents (Ed.)
- 3315 MARTINIQUE 0435, ORTF, on late for New Years Eve, s/off 0505; (Hirst)
- 3305 PAPUA 1200, R. Daru w/cowboy mx, 1/9 (Graham)
- 3304 PAPUA TERR. VL8BD, R. Daru, Amer. pop records & native ann. 0805 (Sparks)
- 3300 BR HONDURAS 0045, R. Belize, Eng, mod. down; to 0400 (Soneff)
- 3295 INDIA 1710, AIR, Bombay, Hindi ID (Wood)
- 3294 ZAMBIA 1710, R. Zambia, Afr tlks & mx (Wood) 0351, Gen. Ser., Eng (Hagerman)
- 3286 FIJI 1035, F.B.C., Suva, s/off after local anthem & GSTQ (Wood) 3284, VFM9, Suva w/part Polynesian mx pgm; poor to fair, 0651-0815 (Field)
- 3280 GRENADA 0200, WIBS w/BBC nx (Walsh)
- 3277 INDIA (Kashmir) 1700, R. Kashmir, Srinagar, Urdu nx (Wood) 1300, Indian/lang (Hirst)
- 3275 BRAZIL (Tent.) R. Clube Bauru 2237-2303 QRM'd, pgm in Japanese all pop mx; mx had good volume, anncr. way down, couldn't read him; 12/31 (Graham)
- 3264 CONGO REP. RTC, Brazzaville 0355 Fr nx, ID 0400, good power(Niblack)50 KW (Ed)
- 3245 VENEZUELA 0527, R. Libertador very str. w/Sp mx (M.Kamp)
- 3218 MOZAMBIQUE 0255, ID for R. Clube Moçambique, Eng, time chex 0300 & off, 12/31 (Hirst) R&R nx & comm'ls., 0200, 1/1 (Sparks)
- 3205 NIGERIA R. Nigeria, Ibadan, 2219, 12/15 (Jamison)W. Reg. Pgm, 0600 nx (Cohen)
- 2430 CHINA P.L.A., Foochow, Chinese harangue 1130 (Wood)

Addenda (omitted from above in error)

- 15180 GRENADA WIBS, 2000, relay BBC nx in Eng, //15100 (Berghammer) Relay cricket test ; sked from 1830; at 2000 switch to 11700//15100, to UK (Hirst)

UNIDENTIFIED STATIONS

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(MORE)

SEE NEXT PAGE

(MORE)

????? UNIDENTIFIED ??????

- 15265 Unid. Fr. 1845, weak, gone 1900; QRM de Brazil in bkgr. Malgache? Afghanistan? Or cross-modulation?(Berghammer)
- 6168 Unid. African 2145, bad QRM- Lusaka? (Berghammer)
- 6150 Unid. Soviet Far East station relay Moscow Chin. svc. 1200 (Wood)FBIS no help here; lists only Eur. USSR (Ed.)
- 6140 Unid. French, under carrier 0715, weak (Berghammer)
- 6135 Unid. Indonesian, 1035 "Inilah R.R.I. Studio..."(Wood) FBIS '67 lists YDY2, Samarinda, 6133V; 7.5MW. Note that Samarinda 9104, 7.5MW not listed (Ed.)
- 6060 Unid. Oriental under carrier 0930-1000(Berghammer)Indonesian Clandestine "Suara Indonesia Bebas", 6060V, listed. This it? (Ed.)
- 5975 Unid. sta. hrd numerous occasions about 1200-1300; Oriental mx pgm. Is at 1300 poss. a bird, or frog. Never saw it in Friendx(Field)Maybe this month's (Ed.)
- 3342 Unid. African, ID 0600 "R'difusion Television..."Old standards to 0630; ID in QRN; requests, hi-lif mx; "Cote d'Ivoire" & "Sudan" mentioned. Abidjan?(Hirst)
- 3275 Unid. w/Eng lang pgms, w/12W ancrs, play Broadway tunes, Bert Kaempfert/type. S/off 0400, ID "The Voice of ...?", foll. by local anthem & GSTQ. Low power evident; Port Vila at this time? WBS sked not right, nor Denerara. (Neumann)

The endsof Dec. and the first part of February were very exciting for DXers. Also received the new FBIS, Part II, corrected to June, 1967, just hot off the press. As usual, the Eur. USSR xmits are not identified separately; but it does reveal a wholesale reassignment of SFL frequenciesmany of them interchanged. I recommend this book to all. WRTM '68 should also have some interesting changes.

Mni tnx for a record number of reports this month, and good listening. Del

 TX TO THIS MONTH'S REPORTERS

- August Balbi, Calif. HQ-150, 129X
- Bill Berghammer, N.Y. SW-4A
- Steve Cohen, Conn. DX-75
- Dick D'Angelo, N.Y. NC-190, S-85
- Barry Deal, Neb. HA-230
- Gerry Dexter, Wis. HQ-180
- Danny Douglas, Va. NC-183D
- Clifford Duncan, Sask. Trio 9R59
- Kim Elliott, Ind. Star Roamer
- Lan Ferguson, Fla. R-100
- Grady Ferguson, N.C. SX-28, SX-100
- Marlin Field, Mich. SX-100
- Martin Fogel, Pa. Spaceranger
- Gary Fredericks, Ore. NC-190
- Gary Galo, Vt. Star Roamer
- Bob Getman, Wis. NC-125
- Bruce Goldman, N.Y. HA-230
- Bill Graham, N.Y. HQ-180A
- Dr. F. E. Hall, Mass.
- Bob Hagerman, Mich. Star Roamer
- Glenn Hauser, N.Y. HQ-160
- Del Hirst, Texas HQ-100
- Danny Jamison, Va. SW-4, S-120
- Mike Kamp, Texas HQ-140X
- Steve Kamp, Texas HQ-140X
- Steve Kruse, Ill. WR-600, Star Roamer

- Mike Macken, Mass. SX-100
- Leslie Marcus, Ore. SW-4A
- Hank Michalenka, R.I. GR-54
- Mark Mitchell, Mich. HA-63
- Don Mittmann, Conn. HA-63A
- Mike Nochizuki, Hawaii SW-4A
- Mark Mohrmann, N.Y. S-120
- Serge Neumann, Texas HQ-100A
- Al Niblack, Ind. SX-122
- Warren Nordgren, Ill. HQ-180
- Ed O'Connor, N.J. HA-226
- Dennis Ondriska, Ill. Star Roamer
- Bob Padula, Australia Marconi B-28
- Bob Palmer, Wash. HQ-160
- John Podpechan, Okla. SX-122
- James Pollak Jr., Conn. Trans-Oceanic
- Don Precosky, Ont. S-120
- Geo. Schnabel, N.Y. SW-4
- Ed Shaw, Calif. SX-130
- Mike Silverstein, N.Y. HA-226
- John Soneff, Jr., La. GR-54
- Bill Sparks, Calif. HQ-180
- Clarke Thacher, Ind. S-120
- Tom Walsh, Mass. Nord'ende G-T
- Richard Wood, Hawaii HQ-180
- WRB/SCDX/FBIS '67

st minit NEWS/TIPS
All times are GMT

FLASH



SHEET

Last minit NEWS/TIPS
All times are GMT

AL NIBLACK, EDITOR, 420 SHELBY STREET, VINCENNES, INDIANA 47591 (DEADLINE 22nd OF MON)

ALGERIA: 9510 Radio Algiers logged from around 2130 hrs tuning when in French and noted with a tentative identity. (Cohen) For its prgms in French Radio Algiers uses 9510, 11835, and also 15200. Logged between 1130 -1600. (SBC)

ANGOLA: 4840 Low powered Station GR6RY heard from 2230 -2300 with several identities. (Field) This one logged three evenings in a row at good level here in the midwest with S/off at 2300A. (Niblack) Emissora Oficial has been testing its new 100kW xmitter at 8800 -1500 on 11925; and, 1500 -0100 on 9660. (SweCDXers) R. Clube Huila, 3970, noted at 2100; R. Clube Mindelo observed on 4715 in native till 2201 S/off. (Graham) (Editor's note: Judging from the above flashes, conditions must be good for the reception of Angolan outlets)

AUSTRIA: 11750 Vienna noted 1/8, S/on at 1800 in German on this new frequency. (Rowell) (Is listed for 11760, Editor)

AZORES: 4865 Ponta Delgada heard on several checks with good signals, Portuguese music, and clean cut identities. S/off at 2302A apparently daily. Is this a deviation from the listed sked? (Pistek) (Editor's note: This outlet has been heard at excellent level throughout this part of the country this season; regardless of what WRTVHB states, S/off is usually as you quoted.)

CHILE: 9572A Diego Portales, Santiago, noted with musical selections, including some English ones, from 0115. (Field)

CHINA: Radio Peking intercepted in English to North America on two new frequencies of 11710 and 11720. (Williams) (Times please, Editor)

CUBA: 9525 Balbi, California, flashes that since 1/8, R. Havana has been noted daily with an 0410 English rebroadcast from Hanoi.

DOMINICAN REP: 4929.5 Radio Mil has been noted with a move in frequency since 1/20, checks and rechecks at around 0130. Many frequent identities. (Niblack)

ETHIOPIA: 11920 ETLF, RV of the Gospel heard announcing this new frequency as beamed to So. Africa with a strong signal. (Williams) Time, 0430, wants reports.

GHANA: 11800 GBS noted in a move from 11850 at 2000 with English news. (Balbi)

GILBERT and EELICE IS: 4912.5 (FLASH) Voice of Tarawa logged tentatively 11/19, definitely 12/17 from around 0600 to 0632 S/off. Heard with 4 gongs at station breaks. (Dexter) (Congrats, Jerry, thats a tremendous piece of DX here in mid-USA, Editor.)

GRENADA: 11700 WJBS monitored with the announcement that beginning 12/28, transmissions to the British Is., will be carried on this frequency and also 15180, no times stated. (Williams)

HAWAII: 15130 From our great 50th state DXer Mike Mochizuki flashes that the VOA Relay tests on Mon., Tue., Thur., and Fridays. (Though no times are quoted, Mike does advise that the outlet will QSL with the old red, white, and blue one, Editor)

HONG KONG: 3940 ZBW currently peaking at 1500 with Western mx, good signals. (Balbi)

IRAQ: 7180 Baghdad is 5-5-5 nightly at 0425 with soft bird chirps, identity at 0430, then into Arabic. (Schnabel) (S/on time for this one is varying some, Editor)

More interesting news and DX tips on the next page.

INDIA 4920 VUM, Madras, Home Service, logged at 1530 with news in English. (Sparks)

KENYA: 4915 (FLASH) The new outlet that is being widely reported runs 100kW on this frequency according to the latest listing from the FBIS '67 Part II. (Hirst)

KOREA(NO.): 11762 Radio Pyongyang has returned to this frequency after being absent for several months. In Korean 2200 -2250, then Spanish to So. America at 2300 - 2350. at potent level. (Rowell)

KOREA(SO.): 6195 Bill Sparks flashes that the Christian Broadcasting Service surprised when noted with Korean news at 0730, followed by organ music, with abrupt S/off at 0748. Is located at Seoul.

MONACO: 11775 Trans World Radio, TWR, Monte Carlo, heard in Russian from 1520 - 1555; and in Greek from about 1215 -1230 on 9735. (SBC)

PHILIPPINES: (FLASH) SEARV noted again on 1/8/1968 with English programming and also announcements in Thai. Frequency, 15420, time from 2330 to 0130A. Antennas are up again, test transmissions resuming. (Mochizuki) 3345 Station DZB2, FEBC, heard in language at 1500 for local listeners, at weak level. (Balbi)

REUNION: 2446 As we near the deadline Dan Henderson advises via long distance that he is logging St. Denis from around 0200 to 0210 in French programming when is peaking S-9 level on his Hammarlund HQ-180A; very easy for him to obtain complete program detail to enable him to report to the station.

RHODESIA: 3306. New member Charles Orekar flashes that he is logging Gwelo at 0330 S/on, English news at 0400. Also, time quotes by a man announcer, fair level.

SOUTH AFRICA: On Radio RSA during their new "QTH South Africa" program, details on their Internal Services will be aired including identities used. This during their DX Corner. Their No. American beam will be ready in March; transmission to the Pacific will start in May. This flash from Balbi.

VIETNAM(SO.): 7.245. Saigon heard at 1545 with English dictation news at fair level, 1/17. (Balbi)

YUGOSLAVIA: 9620 Radio Beograd noted 1/18, at 2215 S/on with French news session on this new frequency at excellent level. (Niblack)

SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY JAN. 8, 1968

1-131 2-126 3-89 4-75 5-71 6-88 7-126 8-131 9-113 10-114 11-112 12-110
13-124 14-140 15-151 16-160 17-172 18-170 19-129 20-141 21-130 22-105 23-
101 24-83 25-111 26-142 27-140 28-165 29-141 30-121 31-108 MEAN --123.2
(Ferguson) (Our thanks to Grady for continually supplying this column with this important information, Editor)

FLASH: Prexy Bill Eddings states that NASWA has again set a new record with more new members joining this month than ever before in the Club's history.

ACKNOWLEDGEMENTS: August Balbi, California..Steve Cohen, Conn..Gerry Dexter, Wisconsin..Marlin Field, Michigan..Grady Ferguson, No. Carolina..Bill Graham, New York ..Del Hirst, Texas..Dan Henderson, Maryland..Michael Mochizuki, Hawaii..A. R. Niblack, Indiana..Charles Orekar, California..Richard Pistek, Illinois..Sam Rowell, Washington..Bill Sparks, California.. Swiss Broadcasting Corporation..George Schnabel, New York..Sweden..Calling DXers..Rod Williams, Georgia.

COMPETITION: As we (World Radio TV Handbook) wish to obtain the best possible DX reports for our bulletins we are arranging competition and invite all World Listeners to enter. Begins January 1968; Best reports will be published in WRB. Prizes will be offered. Write for information to: World Publications, 1 Lindorffsalle, Hellerup, Denmark.

A word of thanks to all contributors to this column. Remember, DXers this column is your column. How good it becomes depends in part, upon your reports. Please observe the monthly deadline. Very last minute items may be phoned to 882-3976 after 2200 GMT. See you all next month.