



FRENDX is the official publication of the North American Shortwave Assn. and is for the SWL/DXer expressly interested in International Shortwave Broadcasts. 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 third-class mail (surface mail overseas). For those desiring more expedient delivery via first-class mail, (NA) an additional \$2.00 fee is required. Air-mail rates are available on request by writing club Headquarters.

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 now entering its seventh consecutive year of continuous operation. It is in affiliation with the Association of NA Radio Clubs.

Our motto is "Unity and Friendship"

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ATTENTION

INDEX FOR 1967 FRENDX is available on request to those members who are interested. A card or note to Hdqs will get your copy in the mail. Although it had been planned to include this index with January 1968 Frendx sent to all members, last minute decision changed plan in that it is known that not all members save all copies of all bulletins, therefore would have no use/interest in an index.

CONTEST RESULTS

About all we can say is that the response given latest contest was most disappointing. Less than 25% of membership entered, showed interest. It is difficult to fathom when you consider that more than 95% of membership state interest in contests/competitions. Perhaps number of entries were low because of the 25¢ fee required; Or perhaps prizes offered were not as "attractive" as members thought should be. Or was it due, as was once said in past..."NASWA members are so united and friendly that they lack competitive spirit."??????? Whatever the reason, Hdqs is much disappointed and feels somewhat let down in that the majority of members did not seem to realize that this particular contest was offered to aid the club in knowing what members prefer reading in our SW Center sections. Refuted are the claims by those who say they dont enter contests which involve listening because of their poor equipment or lack of time or experience. This contest required nothing but a little time and some sincerity. DX skill played no part!

In any case, we are grateful for and give thanks to those members who did take part in this contest...and announce the winners as being:

- 1st place Henry Michalenka Clock
- 2nd place Warren Nordgren Transistor Radio
- 3rd place Edward C. Shaw NASWA Blazer Emblem
- 4th to 10th place (not necessarily in order of merit, but listed alphabetically) John Carson, William Frank, Mark Mitchell, John Ostrowski Jr., Don Precosky, Edward Pyatt and Ronald Szymczak NASWA Ballpoint pens

To those others who entered, our sincere appreciation for time given, interest shown.  
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1968 WORLD RADIO-TV HANDBOOK

Through the cooperation of Billboard Publications, NASWA members ordering copies of the 1968 WRTH are allowed club discount, provided orders are sent via Hdqs. List price per copy is \$5.95, discount price is \$3.88 plus 37¢ for postage, or total of \$4.25 each. Members save \$1.70 per copy. In order for club to qualify for discount it is necessary that at least 25 members submit below order form with proper fee. (Club must add postal charge due fact publisher will not mail copies to individual members at discount. Bulk orders will be mailed to club Hdqs, individual orders will be mailed from Hdqs to club members.) Be sure to fill in order form completely and correctly! Those of you that have used the WRTH in past know its value; Those of you that have never seen a copy will find it one of the most informative and helpful aids available. No other commercial publication is as important to a DXer than is the WRTH; It contains a wealth of data on SW, MW and TV stations. No listening post should be without one.

Please be aware that the club does not make any money from sale of WRTH; We forego any profit, passing saving on to members.

Fee's are to be sent in Money-order or check form in U.S., in Money-order form Canada and abroad...and should be made payable to North American SW Assn.

Remember that bulk orders will be sent to Hdqs from whence individual orders will be mailed to members. Please allow time for delivery via third-class mail. Members must use the below order form and remit proper fee.

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As a member of NASWA, I would like to order \_\_\_\_\_ copy(s) of the 1968 WRTH. Enclosed please find my check/Money-order (USA) Money-order (Canada, abroad) in amount of \$ \_\_\_\_\_ (based on \$4.25 per copy). Please print:

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Prov \_\_\_\_\_ ZIP \_\_\_\_\_

FINANCIAL REPORT  
Dec.20/66-Dec.20/67

Income		Expense	
Membership fee's	\$1782.00	Bulletin supplies	\$ 620.39
Donations/Contributions	59.81	Postage	
Contest entry fee's	<u>9.50</u>	Bulletin	586.90
Income Total	\$1851.31	Hdqs	35.21
		Editors/Reps	12.79
		Operational/Misc.	
		Membership certificates	35.00
Expense Total	<u>1365.09</u>	Seals	10.00
		Contest prizes	20.00
		Donations/fee's	24.00
		Editors/Reps	<u>20.80</u>
Balance	\$ 486.22	Total	\$1365.09

NOTE: Donations/contributions (income) are those sent to club as gifts from members. It includes both monies and/or mint stamps and IRC's. Contest prizes (expense) are those paid for by club, not those donated by members or officers/Hdqs. Donations/fee's (expense) are those sent to other clubs by NASWA, and for annual ANARC fee. Editor/Reps (expenses) are those charged to club.

Take note that main expense is that re bulletin supplies and postage. Also note the sum on hand (\$486.22) as we enter new fiscal year. This balance may seem "comfortable" to most members, but it is not too much so. The balance rapidly decreases unless the club continues to gain number of new members and renewals each month. While we have no reason to "sweat" at present, we nonetheless must not feel overly secure.

And before some members write asking why we dont use money on hand to purchase our new mimeo (incidentally, donations/contributions to new mimeo fund are not included in above report...are not considered as income. The above is a financial report, not an audit or inventory!) it should be pointed out that all operating equipment (mimeo, typewriter, stencil drawing board, filing cabinet, etc.,) have been purchased with funds donated/contributed by officers and members and not with membership fee's. We are still soliciting funds for new mimeo, and will continue to accept any/all donations from members at any time. These can be made in monetary or in mint stamp, IRC form.

In near future we will be having commercially printed bulletin mast-heads done, also will be purchasing award certificates...these will be quite an expense. As you know, postal rates are being increased, this will be added expense.

Summarily, NASWA is operating on a sound basis financially and as long as we continue to gain new members/renewals each month, we become more sound, more secure. B.E.

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Order your copy of the 1968 WRTH now....see overside for info and order blank. Cut on dotted line, send form and fee to Hdq.

INTEGRITY....YOU, THE CLUB AND HOBBY

No matter an OM be a serious DXer or a once-in-awhile reporter, or just an average SWL, his integrity plays a most important role in the club(s) and hobby in which we here are concerned. On it his good name and that of his club(s) as well as the hobby itself greatly depend; Regardless he be the eldest of oldtimers or the youngest newcomer. Perhaps in no other hobby does it play so very an important part as it does in this wherein we are connected.

Time and again there have been individuals questioned as to their integrity; Others have been doubted justifiably in various instances...not merely by one club, but by a number of clubs around the world. The integrity of one individual reflects on every club in the all of the hobby. Far too few realize all are given equal opportunity to prove themselves in more ways than just by head.

In reports submitted to sections of bulletins; In those sent to stations; Even wordings sent in personal letters to fellow-members...integrity is involved. In the efforts of bulletin staffs, Hdqs officers, committeemen, club representatives...integrity is the foremost important factor.

With this edition of Friendx we embark on the course of a New Year; We have grown at a rapid pace and have in many ways become recognized; Integrity has been THE asset which has helped us vastly. We are today respected and accepted, yet we do not claim to be perfect. The size of a club, any club, depends not so much on the number of members it has, but moreso on the "bigness" of the heart of each member in way of integrity. And so let the each of us resolve to be "big" in our club/hobby efforts the coming year and to use integrity in all ways, to realize how it concerns not only our motto, but the very reason we are joined together with opportunity to help, share with, and give pleasure to one another. Practice in hobby what you can/will be rewarded for in life: Integrity!

Bill Eddings



BOARD OF DIRECTORS....NOMINEE'S

With the February edition of Friendx there will be a ballot card for use of voting in bi-annual BOD election. The following names have been accepted/nominated as candidates running for the three posts open. Those not already notifying Hdqs whether or not they wish to have their name appear on ballot card, please be sure to do so before Jan.20th.

- |                           |                             |                 |
|---------------------------|-----------------------------|-----------------|
| Donald Jensen (incumbant) | Gerry L. Dexter (incumbant) | Warren Nordgren |
| Gregg A. Calkin           | Richard E. Wood             | Marlin A. Field |

For those members who are not familiar with duties of the BOD, all data will be found in club constitution which is sent every member when he joins NASWA. All members have plenty of time to decide which candidatats they will vote for; Three are to be elected. Further/complete instructions will be given next month, along with ballot card.

THE GROWINGEST OF CLUBS...NASWA!!

Everyone that follows the monthly new members columns and lists of renewals appearing in each edition of Friendx is well aware that our club has been gaining on the average of 25 members per month for almost a year now. What most cant realize though is that we lose a number, nonrenewals, each month also. Yet overall, as we said, we have been averaging about 25 new members per month.

Of course we are delighted to know our club is being accepted and that our bulletins are found to be useful, interesting and informative, thus attracting so many new members. But we would like to point out that the more members the club gains, the more work it is for Hdqs staff. More time, more effort needs be given every month. So with this in mind it will be necessary for certain changes in operating and from the internal functions. Our club constitution will need to be revamped in certain respects too. We are no longer a small organization, we thus cannot continue to operate on small scale as heretofore. Your officers hope to plan/guide NASWA to a more secure future. Mail from any/all members will continue to be answered as expediently as possible, but there may be times when delays will be met. It is necessary/hoped that all members will be understanding in such instances. We want NASWA to continue growing, but not only in size; We want it to grow in heart also.

Exclusive LOUDENBOOMER REPORT Exclusive

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"The most important factor in a superior shortwave receiving setup," the handbook stated, "is an efficient antenna."

"Okay," I thought, "That makes sense." I'd become a bit tired of turning my ancient Radiola on and hearing nothing but the BBC's Victor Sylvester offerings. Mind you, I've nothing against Syl's silver sounds, but DX-wise they hardly match the warblings of a Fijian nose flute proboscisly-played by a mop-topped native in a Suva studio. I figured it about time I replaced the drooping old longwire hanging between my back porch and garage.

And so, delving further into the antenna handbook, I thumbed by articles describing the construction of verticals (I recalled the old ham adage that verticals receive equally poorly in all directions) and simple dipoles (how would I ever explain it to my sensitive neighbor whose parents immigrated from Warsaw in 1911?) But these designs were too "run-of-the-mill" for the Loudenboomer taste. I wanted a REAL antenna!!

After some searching, I tentatively settled on a super rhombic. Since my particular DX target of the minute was the flea-powered Australian students station down in the 1.7 mc area, I busily calculated the direct circle bearing from my home to the Aussie University campus, the necessity of this being the extreme directionality of the rhombic. Next I estimated the supplies it would require. Totaling up the amount of wire I'd need for my rhombic, with five feet wavelength arms, I decided it would take something over two miles of braided cooper. This looked like an expenditure beyond my means. The cost of four stainless steel towers was even worse.

The crowning blow came when I realized that I'd have to buy up about eight city blocks in order to erect my super rhombic. I simply had to change my plans.

After weeks of further study, trying to figure and find a suitable shortwave antenna, I stumbled across a casual mention of a transmitting antenna used by a major European broadcasting organization...a Sterba Curtain.

If it works with transmitter, I thought, why shoudnt it do a good job when hooked up to my receiver?

But try as I could, I couldnt find any technical description or plans for the Sterba Curtain antenna in my usual reference books.

Undaunted, I trotted over to Friendly Fred's Electronics Emporium.

Now ol' Fred was a veritable goldmine of electronics information, albeit incorrect usually; But anyway it was worth a try. Maybe Friendly Fred could give me some dope on the Sterba Curtain antenna.

Uncharacteristically, Fred admitted, after some hemming and hawing, that he just couldnt help me with the information I sought. But he did suggest I stop in a newly opened establishment just down the street. "Maybe they can help you," he said.

So I walked to the place, entered, and though it didnt look like the usual radio parts outlet, I asked the salesman for a Sterba Curtain.

He looked a bit puzzled, then he went over to a rack, put something in a cardboard box and said "Maybe this is what you want."

I said "Okay!", and plunked down the \$2.98 price on the counter and hurried home.

After about twenty minutes of work I had it all erected in my backyard, replacing the old longwire. So there it hangs today in all its glory and I, Charlie Loudenboomer, surely must be the only DXer in North America to own a genuine Sterba Curtain antenna.

One thing I must admit though, it dosen't quite perform as well as I had hoped it would, but it does look great flapping in the breeze in red and white gingham check with lacy tiebacks.

...Charlie Loudenboomer

"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.

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"Perhaps this is the result of a psychological vindictiveness, however, upon receiving and reading latest Radio Portugal DX Club newsheet, I have the feeling they possibly are trying to bribe votes in the ISWC current poll re the years most popular SWBC station. So, to raise my voice in anger over what I feel to be a bribe...The newsheet, in reporting details on the ISWC poll, added the following paragraph (underlined is of my desire to bring out point): "As you all know, Radio Portugal is extremely interested in such polls because they provide a guide to our success in meeting your wishes. Since the last survey held by the ISWC, a great deal has been done to improve our programs so that we hope the results of this poll will show how far we have succeeded. That is to say, if our rating goes up, we will have achieved our end. If not, we have failed. As an added incentive we have decided to award a Gold Caravel as a Special Prize for the best reason for choosing Radio Portugal as the most popular SWBC station. Listeners who wish to compete should therefore send copies of their entries to us at Radio Portugal. The winner will be announced at the same time as the results of the poll, in Feb. '68." Now whether or not this bone on a string will be enough to cause some listeners to select Radio Portugal as their number one station choice is questionable, but I nonetheless feel it is still an attempted bribe, and that some listeners, in trying for a "Gold Caravel" will change the poll from an honest one to a "something else"."

Donald J. Weber, Ohio

"Re the matter of MW stations being given SW frequencies: With the tremendous proliferation of very bad MW stations all over the nation, who needs additional shortwave facilities? I've traveled extensively through the Southwest and never found a deadspot on the car radio dial. Matter of fact I kept the radio turned off most of the time. Ever hear one of those newscasts where the announcer can't make up his mind, for instance, whether Baghdad is in Iran, Iraq or the Congo? Who needs it?"

George Schnabel, New York

"As to the suggestion that format in Frendx Log section be changed from now listing by frequency to listing by country...why not change to listing by time instead? After all, the time is a most important factor for many SWLs and DXers."

Kevin Brown, Michigan

"Of late, we've noted an increasingly alarming amount of printed inter-club bickering, coupled with the usual innuendoes and not-so-subtle pointed remarks that long have characterized such hobby disputes. Where a few years ago there were but two or three "recognized" clubs, there now exist four, five, six or nine, each with its own area of merit and fault; The currently existing generalization amongst clubs rendering each one a necessary unit. It's a far cry from the years when each club copied the efforts of another, and the main variance between each the editorial style of the Chief Editor.

With specialization so much a part of the hobby scene, and with clubs now truly offering, for the first time, a choice of material for the hobbyist, why does rampant derogation now suddenly appear? True, much of the chaff emanates from what might be called the youthful vigor of certain elements within our sphere, and so one might cast a disparaging thought toward that youth; And yet, youth alone is not to blame, as men of advanced years too, take up their battle axes. They seek to destroy hobby initiatives, reputations and, for many, what has ceased to be a hobby pursuit and has instead become an avocation.

(continued next page...)

OPEN MIKE, cont'd.

We must remember that our hobby is just that, a mere hobby. We number only a few thousand at the most, a disjointed mass of non-aligned hobbyists. Save for the efforts of the ANARC, we have little in common, little in way of mass orientation, little if any real purpose except hobby enjoyment. Why then do elements within this group persist in destroying what little there is?

This then be our "Call to Reason" for a return to sanity within the hobby, and a return to harmony within the half-dozen or so spheres of club influence."

Douglas Benson, New Hampshire

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AROUND THE CLUBS

NEDXA: Because it became too much work, and due financial difficulties, this club is no longer in operation.

IRCA: Letter from President Larry Godwin asks that exchange of bulletins possibly be terminated unless we find exchanges of use, being NASWA is all-SWBC, IRCA all-BCB. Too, in that exchanges are added expense to clubs, effect membership dues.

CDXC: "Cadex" getting back to old form and becoming better, but Nov. edition was minus an SWBC section. Prexy Ralph Irace Jr. is desirous of having a Board Of Governors installed to govern the club.

ASWLC: Celebrated its 8th Anniversary in December. NASWA extends belated, sincere congratulations to Stew MacKenzie and his fine staff, and to all ASWLCers.

NNRC: Celebrated its 40th Anniversary in December. NASWA extends sincere congrats to it also. Bill Shultz and staff have much to boast about and all is justified. The entire DXing hobby owes thanks and gratitude to this oldest of all NA clubs.

CIDXC: As it continues to grow, President Lorne Jennings finds it more difficult to keep pace with work involved. And certain of "Messenger" section editors are not doing him good with their poor cooperation.

WTVFMXC: Now publishing "VHF-UHF Digest", this new all-TV-FM club has Edqs at; P.O. Box 5001, Milwaukee, Wisconsin 53204. The new Exec. Editor is F. Dombrowski. Membership fee is \$3.00 per year NA.

POSTPONED

Because of the very poor response shown in the recent contest, the one planned to be announced in this editon of Frendx is being withheld until later. Hdqs can see no sense in presenting further contests when members, although saying they are interested in such, do not partake. If/when next contests is held, should there not be reasonable amount of entries it ~~seem~~ most likely it will be the last we will hold. After all, why should the officers and editors work for naught?

LA DX CROSSWORD - ANSWERS

Following is solution to last months puzzle.

<u>Across</u>	<u>Down</u>
1 Inconfidencia	1 Industrial
9 Ana	2 Carve
10 CXA	3 One
11 Diretor	4 Natal
13 Simon	5 ICR
15 AN	6 DX
16 FT	7 Eastern
17 EN	8 Comercial
18 LD	12 Onda
19 AE	14 Onda
20 RD	16 RAE
21 Tx	22 Belem
23 Americas	24 Si
25 AE	25 AEG
26 EL	27 Sodre
27 Si	28 Larga
28 Lab	30 NASA
29 Angel	31 Luiz
32 Jal	33 Mara
34 LA	38 Tu
35 Mundo	
36 OA	(Again tnx to member
37 GT	Richard E. Wood)
39 La Voz Del Cauca.	

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IN THE YEAR AHEAD...

Let me be a little kinder, let me be a little blinder to the faults of those about me, let me praise a little more.

Let me be, when I am weary, just a little bit more cheery, think a little more of others and a little less of me.

Let me be a little braver when temptation bids me waver, let me strive a little harder, be all that I should be.

Let me be a little meeker with my brother that is weaker, think a little more of others and a little less of me.

(via Dick Jenneman)

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# WELCOME NEW MEMBERS

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

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Harlan Strothers, 3547 S. Stafford Street, Arlington, Virginia 22206. Married, age 49, vocation is engineer. Uses a Drake 2B and Grundig "5000". Antenna is vertical. Other gear includes tape recorder. DXer for two years. Interested in awards, QSLs, stamps, coins and photography. Member of RCSWC. Read of NASWA in PE magazine.

Gerald Walford, 200 Gateway Blvd., Apt. 1103, Don Mills, Ont., Canada. Widower, age 53, is Master of Teachers College. Rx is a Zenith TransOceanic, antenna built in. New to hobby. NASWA is first club. Read of it in RTVE magazine.

Jack Kent, Highschool student, 16. Rx is Knight StarRoamer; Antenna is L-shaped long-wire 84'. Interested in awards, contests, photography and backpacking. New to hobby. NASWA is first club. Read of it in PE Communications Handbook.

James R. Mappin, W. 2924 Garland, Spokane, Washington 99205. Married, age 68, retired FAA Civil Serviceman. Rx is Hammarlund HQ-160 and Drake SW4. Antenna is doublet, plans call for adding Mosley SWL-7. Other equipment includes tape recorder. SWLing since '40. Interested in photography, somewhat interested in awards, contests. Member of FDXC. Now joining NASWA after reading of it in PE magazine.

Brian Coedke, 1604 W. Miner, Arlington Heights, Illinois 60005. Highschool student, 14. Rx is Knight StarRoamer, antenna is 50' longwire. Other gear is taperecorder. Interested in awards, contests, tropical fish and tapesponding. Plans to become electrical eng. NASWA is first club. Read about it in PE magazine.

Laurence Vipond, 81 Aldine Avenue, Bridgeport, Connecticut 06604. Married, age 40, is Banking data processor. Rx is Knight StarRoamer, antenna is 50' longwire. Added gear is Ameco AB-preamp and taperecorder. Rather new to hobby. Interested in QSLs, golfing and tapesponding. NASWA is first club. Read of it in PE magazine.

Grady C. Ferguson, 301 Tuckaseegee Road, Charlotte, No. Carolina 28208. Married, age 75, a retired accountant. Rx is Hallicrafters SX-28, SX-100 and S-40. Antenna is inverted L. Other gear is tape recorder. Been DXing since '32, a member of NNRC for over 20 yrs. "Join NASWA on recommendations of August Balbi and Al Niblack."

Robert W. Kirkpatrick, 2166 W. 57th Avenue, Vancouver, B.C., Canada. Married, age 51. Food Plant production mgr. Rx is Hammarlund HQ-160 and Hallicrafters SX-28A. Uses a Mosley SWL-7 and a Joystick antenna. Interested in awards, contests and model railrdg. Been SWL since '32. First heard about NASWA via NNRC.

Robert R. Spieler, 176 E. 176th Street, Apt. 3E, Bronx, New York 10457. Married, 27, a chemist by vocation. Rx is a Grundig "5000". Antenna is 75' longwire and a whip. New to hobby. Interested in awards, contests, sports and reading. Member of BBCWRC. Read of NASWA in recent PE magazine.

Charles G. Jones, 1055 Cal Young Road, Eugene, Oregon 97401. Highschool student, 17. Rx is Hallicrafters S-200, antenna is 35' longwire. Other gear is GE-396 Headphones. Interested in cardswaps, contests, awards. SWLing a year. Read of NASWA in PE.

Stephen J. Bass, 615 McAlpin Street, Apt. 2B, Cincinnati, Ohio 45220. Married, 29, an assistant Marketing Processor, U. of Cinn. Rx is a Drake SW4; Antenna is a Joystick w/ tuner. Other gear includes Ameco preamp. Interested in sports, travel, writing, music, current events, awards. Been DXing for about 15 yrs. Read of NASWA in WRTM and PE.

Donald L. Cecil, 708 Young Street, Piqua, Ohio 45356. Married, 29. RX is Hammarlund HQ-145A and Hallicrafters SX-130. Antenna is 145' dipole. Other gear is Ameco PCL pre-amp and Sony taperecorder. Interested in awards, contests, tapesponding, photography, guns and woodworking. Member of ISWL. First heard of NASWA in S-9 magazine (Apr. '67).

Charles E. Seth, Overbrook Branch, Box 3124, Dayton, Ohio 45431. New to hobby. Uses a Leath rx. Learned about NASWA from World Radio-TV Handbook.

## New Members, cont'd.

- John DeSmith, 425 South Street, Litchfield, Minnesota 55355. Married, age 39, an auto mechanic by trade. Rx is a Hallicrafters S-38, antenna is a dipole. Interested in contests, awards, numismatics. NASWA is first club. Read of it in RTVE.
- Bradford F. Hull, 304 Washington Avenue, Newtown, Pennsylvania 18940. Married, age 59, Police Radio Dispatcher. Rx is a Lafayette HA-225, antenna is indoor longwire. Former announcer for WIBG. Interested in awards, contests and stamps. Read of NASWA in PE.
- Thomas B. Roach, Box 375, Shaw AFB, So. Carolina 29152. Married, age 29, electronics technician w/USAF. Rx is Drake R4B and SP-600. Antenna is inverted L, RD-5 and Mosley SWL-7. Interested in contests, awards, photography. Member of NNRC, ASWLC and ISWL. Read of NASWA in PE Communications Handbook.
- Gregory C. Marx, 411 Toronto Street, St. Paul, Minnesota 55102. Highschool student, 16. Rx is a National HRO, antenna is HyGain SW-6. New to hobby. Interested in QSLs and awards. NASWA is first club; Read of it in PE magazine.
- Carter R. Straub, 3343 Kenwood Blvd., Toledo, Ohio 43606. Married, age 46, Physician. Rx is a National HRO-500; Antenna is 100' longwire. Interested in awards, contests, photography and music. New to hobby. Read of NASWA in PE magazine.
- Jeffrey Dubin, 609 Princeton Avenue, Philadelphia, Pennsylvania 19111. Highschool student, 13. Rx is a Hallicrafters SL20 with 45" whip and 50' longwire as antenna. Been in hobby 1½ years. Interested in awards, coins, electronics and would also like to begin cardswapping. Member of RCSWC. Read of NASWA in WRTH and PE magazine.
- David M. Deitz, 5619 Crenshaw Road, Apt. H, Richmond, Virginia 23227. Married, age 29, an accountant. Rx is a Heathkit GR-64; Antenna is 75' longwire. Interested in awards, contests, golf, music, and working on old radio sets. "Plan to get new/better rx and antenna system soon!" NASWA first club; Read of it in PE magazine.
- Mark Mohrmann, 4 Oakley Drive, Huntington Station, New York 11746. Highschool student, 14. Rx is a Hallicrafters SL20 and a Lafayette KT-135; Antenna is an inverted L. Been SWL for seven months. Interested in awards, QSLs, stamps, coins, sports. NASWA is first club; Read about it in recent RTVE magazine.
- John Soneff Jr., 7808 Hickory Street, New Orleans, Louisiana 70118. Married, age 33, Public Health technician. Rx is a Heathkit GR-54; Antenna is a 50' longwire. Interested in awards, photography, astronomy, tropical fish and plants. NASWA is first club; Read of it in WRTH and PE Communications Handbook.
- George J. Henning, 10950 S.W. 179 Street, Miami, Florida 33157. Married, age 28, salesman. Rx is a Hallicrafters SX-130; Antenna a 60' longwire. Other gear is Ameco preamp, Heath 100kc crystal calibrator, Joymatch tuner and a tape deck. Interested in awards, contests, tapesponding and reading. Member of ARRL. Read of NASWA in PE.
- Robert Chaffee II, 122 W. 35th Street, Erie, Pennsylvania 16508. Highschool student, 15. Rx is Hallicrafters S-210; Antenna is 65' longwire. Interested in contests, sports, books and camping. NASWA is first club; Read about in PE Communications Handbook.
- C.M. Stanbury II, Box 218, Crystal Beach, Ontario, Canada. Single, age 34, professional writer. Rx is Hammarlund Hq-120X, a GE RAX-1 and Allied 267L. Antenna 90' N/S and 75' vertical. Interested in awards, politics, literature and the arts in general. Member of ASWLC, IRCA, NRC and NNRC. First hrd of NASWA years ago when NASA, via Rick Roll.
- Harry L. White, 517 Kennesaw Drive, Smyrna, Georgia 30080. Married, age 32, an auditor. Rx is a Longines "Symphonette"; Antenna is 50' longwire. Interested in awards, contests, golf, water skiing and swimming. New to hobby. Read of NASWA in RTVE.
- John J. Podpechan, P.O. Box 549, Claremore, Oklahoma 74017. College student, 27, single. Rx is a Hallicrafters SX-122; Antenna a Mosley TA-33 and inverted V. Interested in awards, contests, astronomy, photography, ham radio and motorcycles. Is ARC WA5HTS. Member of ARRL. Read about NASWA in PE magazine.
- Rudolph Merna, 7259 Limekiln Pike, Philadelphia, Pennsylvania 19138. Highschool student, age 15. Rx is Hallicrafters S-38E and Zenith 15U246. Antenna is 50' longwire. Other gear is taperecorder and antenna tuner. Interested in awards, contests, music, sports. Member of RSA monitor panel. Read of NASWA in PE magazine.
- Edward F. Feith, 3614 Rockview Drive, San Antonio, Texas 78230. Married, age 47. Rx is Hallicrafters WR-600; Antenna is a 75' longwire. Interested in awards, contests, also study of wines. New to hobby. Read of NASWA in RTVE magazine.

New Members, cont'd...

Radney Griffin, 3202 S. MacGregor, Houston, Texas 77021. College student, 24, single. Rx a Heathkit GR-54; Antenna is longwire. Interested in awards, contests, sports, travel and surfing. "Have been an SWL for eight years." NASWA is first club. Read of in RTVE.  
Todd Graves, 218 Gifford Street, Syracuse, New York 13202. Married, age 52, dealer for radio hobby publications and equipment. Rx is Hallicrafters S-38 and S-40, also Realtone 11 band portable. Antenna is Joystick and 2 inverted L's. Other gear is taperecorder. Interested in aviation and antiques. Member of ASWLC. SWLing for 3 years. Read about NASWA in WRP book "How to Listen to the World."

Robert E. Fallon, 133 North Adams Street, Manchester, New Hampshire 03104. Highschool student, 17. Rx is Lafayette HA-63; Antenna is 90' longwire and a Cushcraft TriKStik. Interested in awards, contests, coins, golf and skiing. New to hobby. Plans getting new/better rx. Member of FDXC, NESWLC and WDXC. Read of NASWA in PE magazine.

John H. Fussner, 456 Shadowlawn Avenue, Dayton, Ohio 45419. Married, age 58, vocation is electrotyper for McCall Corp. Rx is a Normende "GlobeTraveler"; Antenna is 50' longwire. Interested in awards, contests, stereo speakers (of own design) and woodworking. New to hobby. Read of NASWA in PE magazine.

(NOTE: Again there were other new members joining this month, but not listed due they had not submitted completed application forms prior to 20th of month, press time. Thus they will be added to new members column for next month.)

RENEWALS

It is a pleasure to welcome back the following members who have renewed another year. Glenn Hauser, Roger Legge, Jim Navary (their 2nd year); Warren Nordgren, Rene Chicoine, Bob Citronberg, Peter Feges (their 3rd year); Les Nichols, Tony Jinkinson and John Lindgren (their 4th year). Thanks gents, NASWA appreciates your continued support!

JANUARY BIRTHDAYS

Many happy returns of the day and 73 to these members celebrating "B-days" this month!

6 Paul Coleman	13 Bob Getman	26 Thomas Dely
6 Jim Streitmatter	15 Cesar Objio	26 Robert Hampton
7 Paul Mayo	16 Leo Fleury	28 Doug Wise
8 Philip Wanat	20 Ed Brhel	29 Joel Graham
8 Harry Pariser	20 Clarence Wahl	29 Richard Pistek
9 George Vioto	24 Mark Mohrmann	31 Alan Abel
11 Ed Drumm	25 John Hartman	31 Gary Wallin
11 Al Niblack	25 Reinhard Stockman	

NEW MIMEO FUND

Latest contributions/donations for our new mimeo have been sent in by Bill Sparks, Art Mitchell, Harlan Strothers, Bill Caldwell, Gregg Calkin, John Lindgren, Alan Jeeves, Steve Kruse and Les Nichols. To each and every one, sincere thanks. Total is now up to \$150.90 which will assure us of a fine machine in near future, once all pledges and other contributions/donations have been sent in by those members sending word. Could be we will find the final total sufficient to also enable us to purchase an addressing machine for bulletin envelopes, etc. which would save much valuable time at Hdqs monthly. When contributing/donating to this fund, please be sure to so specify in your letter. Send direct to NASWA Hdqs. Cash, check, money-order, mint stamps, IRCs all accepted.

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HELPING HAND SERVICE

Wanted... Tapesponders to help me with hobby. Please drop a card before sending tape. Don Cecil, 708 Young St., Piqua, Ohio 45356. (See new member column this month!)

Wanted... Would like to have back copies of the various White Lists that have appeared in QSL Report sections of Friendx. Am willing to pay postage. Will make copy for myself and return those sent me, if so requested. Bob Spieler, 176 East 176th St., Bronx, N.Y.

Wanted... Copy of African White List that appeared in QSL Report section. Write Richard Pistek, 8559 S. Komensky Avenue, Chicago, Ill. 60652.

Wanted... Back issues of Friendx prior to November '67. Will be glad to pay postage. Contact David Baltimore, 62 S. Franklin Street, Wilkes-Barre, Penna, 18703.

## The ANARC Report

Doug Benson Box 131 Laconia N. H. 03246 East Coast representative  
 Frank Peters 820 West 34th Street Chicago Ill. 60608 Central area  
 Arthur Glover 2318 S. Laurel Port Angeles Washington West Coast

The Association of North American Radio Clubs is a non-profit, parliamentary body composed of representatives appointed from each of the major radio clubs in the hemisphere. Representatives are appointed on a per capita basis, with one representative allowed for each 150 club members, and a maximum number of three per club. Your club representatives welcome your comments and opinions on any hobby topic, especially as pertains to their roles as spokesmen for NASWA.

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## ANARC News and happenings for Jan.

ANARC has new constitution As reported here last month, the "new" constitution, replacing the four-year-old one for ANARC operations, was voted upon and passed by a whopping vote of 17-1. The changes, as we outlined for you last month, are largely internal in nature, changing a few minor points of club admittance..the major point of alteration the disallowing of station-connected "clubs" from membership.

With its adoption ends years of fruitless bickering over minor points.

NASWA Rep Art Glover, while enmeshed deep with his "ANARC Reference Book Committee" (so titled this month), attempting the loose-leaf compiling of the best of past articles from major shortwave and broadcast club bulletins, now jumps into another privvy project....He and Dick Wood, QSL Committee Chairman, are advocating a plan whereby each ANARC committee would have available, at all times in the association treasury monies to help finance such projects as the Reference Book Committee, the expense for which could conceivably run into hundreds of dollars. In essence, the plan is a "per member" fee to be levied on all major member clubs. This one will be kicked around for a few moons before any action is taken. Meanwhile, how do you feel personally about it??

K.G. (Gray) Scrimgeour, IRCA Representative, has been appointed the liaison man to the European DX Council (their newer version of our four-year-old ANARC)...

The ANARC QSL Committee, working to improve verification practises, needs volunteers, according to a report filed by Dick Wood, Chairman. If you write Dick at 1740A Mikahala Way, Honolulu 96816 please mention that you saw the notice in FrenDx.

Ralph Irace Jr., president and Representative for CDXC, has offered to jointly host the 1968 ANARC Convention with his club and CIDXC. The two clubs are holding their joint convention in Winnipeg next summer. Still needed are more offers of a host and host city.

DX Clubs are unable to avail themselves of 2nd class non-profit mailing priveledges, and this fact prompted NNRC President Wm. Shultz and Executive Secretary Dexter to write their congressmen on the (we think) unjustified law. Shultz' reply indicated that such restrictions were part of Postal Law, not an arbitrary PO decision, while Dexter's congressional representative said he's checking into the matter. The Executive Secretary suggests that all member clubs might follow suit, and that the law might, under pressure, be altered for clubs.

Untill next month, 73s from Art, Frank and Doug



ABOLISH THE CBC'S INTERNATIONAL SERVICE?

Early in December came word of plans afcot by the Canadian government to abolish the International Service of the Canadian Broadcasting Corporation. News clippings were sent to Frendx by a number of NASWA members, including Bruce Hill, Andy Rugg, Rod Williams and John Semeneec. Here is the disturbing story, as written by Bernard Dube', Radio-TV editor of the Montreal Gazette....

The Federal Government is planning to abolish the CBC's International Service, a move that would mute Canada's radio service to the world, it was learned yesterday (Nov. 30).

Closing the 23-year-old service, which broadcasts in 11 languages to most of the world would result from government's desire to reduce expenses. The International Service's budget for the year ending next March is \$3,790,000, of which \$400,000 was for special Centennial broadcasts.

The service employs 207 persions, about 150 at its Montreal headquarters.

Termination of the Service would come less than a year after planning was begun on a program authorized by the Government to improve its facilities over the next three to four years.

The International Service was threatened with extinction early in 1964, but the Federal Cabinet not only decided to reverse itself following a public outcry, but also decided to enforce some recommendations of the Fowler Commission report urging its being strengthened.

The Government's White Paper on Broadcasting, whose recommendations for a new Canadian Broadcasting Act are now before Parliament, also urges improving the International Service.

News of the impending closure, reportedly due to take effect within a few weeks, stunned Service personnel here yesterday. Dozens of them have been lured to Canada from distant countries over the years and have brought with them broadcasting and linguistic skills that would take years to re-assemble were they ever let go.

The service now broadcasts 90 hours a week to Western and Eastern Europe, Africa, the Caribbean, Latin America and Australia. It is heard in English, French, German, Czech, Slovak, Russian, Hungarian, Polish, Spanish, Ukrainian and Portuguese.

In the first six months of 1967, it received 36,733 letters from abroad, 3,000 more than in the same period in 1966. The letters included 4,768 from Czechoslovakia, 1,156 from East Germany and 439 from Russia. The response from some countries was higher than the BBC receives.

In addition to a shortwave schedule of news, interviews, documentaries and music, the Service supplies Canadian music from its record library and recorded or taped programs about Canada to any country requesting them. The service provides special reports on foreigners visiting here for use by broadcast systems in their homelands. These reports were in particular demand during Expo.

Should the International Service be discontinued, Canada might lose, through lack of use, most of the more than 20 international frequencies on which the Service has been able to broadcast over the years. The frequencies would be extremely difficult, if not impossible, to regain since other countries would appropriate them for their own use.

B U L L E T I N ! !

AT PRESS TIME, NASWA MEMBER ANDY RUGG, POINTE CLAIRE, QUEBEC, WRITES THAT THE ABOVE ANNOUNCEMENT IN THE CANADIAN PRESS RAISED A "TREMENDOUS PUBLIC OUTCRY" AGAINST THE GOVERNMENT'S "TRIAL BALLOON" ANNOUNCEMENT. BECAUSE OF THIS, ANDY WRITES, THE "...SHUTDOWN OF THE CBC'S INTERNATIONAL SERVICE DID NOT TAKE PLACE."

YOUR SHORTWAVE ANTENNA

A Two Part Series By

Al Niblack

**ANTENNA:** A metallic device (as a rod or wire) for radiating or receiving radio waves...This description according to Webster's Intercollegiate Dictionary.

To the average listener, the antenna in use at his listening post is the source of much thought and some wonderment; the question is always present, "Am I logging all the stations that I should?"

A shortwave receiver is no better than its antenna. It nearly goes without saying that the better the receiver is, the better the antenna should be. Some listeners merely hang a length of wire on their receiver and forget all about it. To be truthful, with some of today's modern receivers with high sensitivity levels, it is just about that simple. But actually, results will be better in the way of satisfactory reception if a good antenna is in use, properly located and installed.

An antenna is not an isolated item alone, but is an important part of a receiving system. The end product of an antenna..lead-in..receiver set up is whether weak signals can be heard. In this article it is not possible to discuss all the angles of receiving systems, but a brief discussion of theory and a few fundamental rules will be reviewed.

Your receiver has an inherent noise level which limits the weakest DX that it will receive. Signals that enter the receiver below the inherent noise level will NOT be heard. Those that enter above this level will. Just how well they'll be received depends on the mode (CW, SSB, AM), the frequency (above 12,000 kc/s., atmospheric noise drops off), and the receiver's signal-to-noise ratio. Some manufacturers produce receivers which incorporate this last mentioned feature, a better audio system with a better signal-to-noise ratio. An antenna (with transmission line) must pick up enough atmospheric noise to overcome the inherent noise level of the receiver for the receiver to reproduce the weakest DX signal possible.

**RECEIVING ANTENNAS:** Some of the properties of a transmitting antenna also apply when the same antenna is used for receiving. We will concern ourselves only with the latter properties.

Any antenna has one resonant frequency at which optimum response will be noted. The simplest antenna is a random length of wire, the longer and higher the wire, the more RF energy is abstracted (or absorbed). Some listeners use only a short length of wire strung around indoors, but such cannot be expected to give particularly good signals except on the stronger ones and possibly below 7,500 kc/s.

The transmission line conducts the signal from the antenna to the receiver. Two rather common impedance values are 52 and 300 ohms. These figures indicate the lines are manufactured to match with antennas that represent these values. The transmission line may be considered a "pipe" to carry the signals to your receiver. We need not concern ourselves here that receiver makers usually design their receivers with broad RF tolerance impedance, from 52 to 600 ohms. That is a lot of leeway and, unlike the case in transmitting, where any appreciable mismatch causes a loss of power. Also, most receivers have an antenna trimmer control adjustment that compensates for the loading effects of various types of antennas.

When rotated to maximum response position, the antenna trimmer control often means the difference between logging a weak one or missing it entirely.

Many of us are not fortunate enough to have sufficient ground space to permit the installation of an "antenna farm" and must be satisfied with a "good" antenna.

What is a good antenna? It is one that will permit successful loggings of weak signal DX stations.

Before beginning discussion of particular antennas, a few preliminary words about the general installation.

1) It should be erected outdoors, if possible, and as high as possible above ground level; 30 feet in the air will produce more DX than a 15 foot height.

(continued next page)

ANTENNAS (Continued)

2) It should be kept away from powerlines and shielding and absorbing effects of large objects. Try to keep it at right angles to the utility wires.

3) The antenna should be well constructed, well soldered at the connections and well insulated at both ends.

4) Though not as important as in transmitting, a good ground system should be provided. A six-foot rod driven well into the ground should accomplish this.

5) Some means of lightning protection should be provided; either by means of a good lightning arrestor, or an arrangement to disconnect the antenna from the receiver during a heavy lightning display. In the latter case, the antenna should be connected directly to the ground when removed from the receiver. I prefer the latter method. If the AC power lead is also disconnected, that is the ultimate in lightning protection.

Types of antennas are various and range from the long wire antenna, the dipole antenna, the inverted "V", the windom, the vertical ground plane, the beam, the trap, to the vertical (there are others, more complicated and exotic, described in the ARRL's Amateur's Handbook). In this article we'll discuss mainly two types for receiving, though next month there will be a short study of other types.

**THE SINGLE WIRE ANTENNA:** The simplest antenna that will provide satisfactory results for general listening on all the shortwave bands from 11 through 120 meters is the single wire or the long wire type antenna (actually, when the antenna is more than a half-wave long, it is usually called a long wire antenna, though then, of course, you must consider some particular band of frequencies to apply it to.).

The FLAT portion of the antenna may be anywhere from 15 to 100 feet, depending on space available, keeping the lead-in as short as possible without making it taut; the lead-in should follow a gentle curve, so to speak. The long, or single, wire is the basis for multi-band operation and is a good antenna, though it won't be resonant, for instance, at 90 meters, if it is extremely short, say 15 feet.

An antenna is cut as a half wave (formula to be presented next month) for a given frequency and will be resonant at this frequency; if the transmission line is in the exact center it is a balanced type, a "T" antenna. If the lead-in is off the end of the antenna it is known as the unbalanced type. Either will work quite well and if used in conjunction with a simple tuner to be described later, the result will add a few precious DBs to the signal received. This is particularly the case if your receiver does not have a tuned RF stage before the 1st detector stage, or does not have an antenna trimmer control.

A single (long) wire antenna is somewhat directional and signals, generally speaking, will be received best when located broadside from the antenna. If you have the necessary ground space, a good set up would include two single wire antennas located at right angles to each other, and well separated, connected to a single pole, double throw switch, to enable you to select the antenna giving the most gain in any particular situation.

**THE VERTICAL ANTENNA:** This antenna is non-directional and is a good performer. It is used when space is at a premium. A good ground system is also necessary for its most effective operation. It is greatly affected by man-made and atmospheric noise; a disadvantage. It may be anywhere from 15 to 30 feet in length, well insulated at the supported end and will give good results over all the shortwave bands up to 30,000 kc/s. or so. The length of the lead-in, plus the length of the antenna should not exceed 30 feet, or the operation in the higher frequencies will suffer, with a fall off in efficiency. It too, will perform nicely with the tuner to be described next month.

(Continued in Feb. Frendx)

SORRY ABOUT THAT

The article on the Czechoslovak broadcasting operations and history, presented in Frendx several months ago should have been credited to Michael Macken, but through an oversight by the SWBC Center editor was not. Apologies are in order...Sorry!

A D I O    W A R    I N    T H E    M I D E A S T

By Leo Heiman - Copley News Service

RAMALLAH, OCCUPIED JORDAN: This lively Arab town of 32,000, straddling the crest of a rocky hill ten miles north of Jerusalem, was the focal point of the Middle East radio war.

When the Israelis occupied Ramallah on the second day of the six-day war last June, their first act was to secure the 250 kw. transmitter of Jordan's Hashemite Broadcasting Service. (Ed. Note: Medium wave 677 kc/s.) Jeep commandos were sent in hot pursuit of HBS announcers, disc jockeys and technical crews.

But the prime prize escaped to Amman two hours before Israeli tanks rolled into town. She was 25-year-old Sallah Hadad, better known as "Sallas from Ramallas," the disc jockey of HBS' 10 p.m. to midnight "Special Request" program.

A buxom brunette with a honey-dripping voice, Sallah had half of Israel's adult population riveted to their radio sets five times a week. The music she dished out to her eager listeners was nothing special. Just ordinary pop tunes, French chansons and West German "schlagers."

But she preceded each record with her own Arabic interpretation of what the song was all about, putting so much sexual innuendo into her velvety voice that at least two Israeli women divorced their husbands, claiming they paid more attention to Sallah from Ramallah than to them.

"We figured we could entice her to work for us. But no dice. She got away, and is now back at her old 'Ya Nafsi, Ya Roohy' (my soul, my heart) routine in Amman," sighed Victor Habshoush, an official of Israel's Arabic Broadcasting Center.

Although the Israelis did not get Sallah from Ramallah, they raked in the chips where the Middle East's most modern and one of the most powerful (after Cairo's 500 kw. "Voice of the Arabs") radio stations was concerned.

Control of Radio Ramallah permitted the Israelis to escalate the war of the airwaves, adding a new dimension to this no-holds-barred struggle. It is no coincidence that after 1.5 years of pro and con arguments, the Israelis finally decided to go ahead with their TV network expansion.

The catch is only Arabic TV programs will be produced for the time being, to cater to the visual information needs of one million Arabs in the occupied territories, and another 6 to 8 million in Lebanon, Syria, Jordan and Egypt.

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FINLAND CALLING

Finland was not the first country to send shortwave transmissions, but not the last either. The first broadcasts were in 1937, when a 100 watt transmitter was placed in operation. In March 1938, a new transmitter constructed by engineers of the Finnish Broadcasting Co., brought the signal into homes in North America and Australia, though the power was only 1 kw.

In 1947, a 100 kw transmitter was delivered to Finland. This is still the most powerful in the country. The Finnish Broadcasting Co. also has two 15 kw. and one 10 kw. transmitter. One of the 15 kw. units is used for the Home Service, the other three in the Foreign Service.

About seven hours of Foreign Service programs are broadcast each day. Most are in Finnish, but there are also programs in English and Swedish. There are special programs in Swedish and Finnish for seamen and a weekly program for Finnish forces in Cyprus.

A transmission at 1215 GMT is directed to North America. The popular English language programs are The DX Mailbag Show, every Friday and Saturday. Finlandia Mixture is the title of the Monday and Tuesday program. The latter is, as the title indicates, a mixture of items about Finland. Both the Finnish Broadcasting Co., and Finland's DX-Club, which produces the English programming, have their own QSL cards which are sent for correct reports. -O- ...Finnish Bcg. Co., via Len McWilliams

THERE ARE FEW SWL'S WHOSE EXPERIENCE IN THE HOBBY SPAN SUCH A PERIOD OF TIME THAN DOES THAT OF AUGUST BALBI. IN 1956, ELEVEN YEARS AGO, A WELL-KNOWN DX WRITER, KEN BOORD, CALLED BALBI "THE DEAN OF ACTIVE U.S. SWL'S." THE FOLLOWING IS EXCERPTED FROM BOORD'S ARTICLE, ORIGINALLY PUBLISHED IN THE FIRST AND ONLY EDITION OF A SWL LOG CALLED, "THE WORLD AT A TWIRL."

Mr. Balbi considers his 15-tube Holmes receiver, manufactured in Los Angeles in 1936, equipped with 15 inch Jensen speaker, the "most powerful shortwave receiver, with the best tone, I've ever had. When I began back in 1933, my first receiver was an all-wave Midwest, truly the best-looking piece of junk ever sold as a shortwave receiver. I did hear VL2ME, Australia, one Saturday on it (March 5, 1934), and verified that station. Next I had a 10AW Patterson, a good receiver for that time, but with no calibration--just 100 markings on the dial; it had lots of harmonics to boot. My best antenna was the RCA "Spiderweb," in 1938.

My very best catches, Balbi notes, were S.S. Kanimela, a 50 watter operating aboard a ship which had regular broadcasts and which plied between Sydney, New South Wales, and Perth, Western Australia, on about 6,010 kc/s., at 1400 GMT, during a heavy rainstorm on April 18, 1938. The call was 9Mi. Next was Johannesburg, South Africa, on 6,010 kc/s., before it was destroyed by fire in 1935. It was heard on March 29, 1935. The power was low and the call was ZTJ. I was one of the fortunate few who received verification of this one. Third was a 2.5 watter, located at Vancouver, B.C., VE9CS, heard irregularly with fair signals, but always with terrific fading, on 6,100 kc/s., logged for the record on June 10, 1935. There are several others I consider rare catches, Balbi adds. They include Java's PLV, Malabar, 9,415 kc/s. My first verie was from XETE, 9,600 kc/s., Erickson Telephone Co., Mexico City. This was logged November 30, 1933. Of the verifications he has, Balbi considers the best-designed were those of Warsaw, Poland (pre-war SPW), Martinique, and the British Malayan Broadcasting Corporation, ZHP, Singapore, 9,690 kc/s., on July 21, 1938.

Mr. Balbi was an early member of the International Shortwave Club, East Liverpool, Ohio, in 1933. The club is now the ISWC of London, England. He was co-editor of Globe Circler, a publication of the International DXers Alliance (IDA). He was long a member of another defunct club, the Universal Radio DX Club of Hayward, California and has belonged to several local shortwave groups. He has been official westcoast monitor for Radio Australia since 1941. He compiled the Philco shortwave log for many years and for still many other years published his own shortwave log.

In 1934, the Los Angeles Evening Record described Mr. Balbi as "the most methodical shortwave dialer in town." His log contains pages upon pages for each band, with frequencies listed every five kc/s., and includes all stations he has ever heard on each individual frequency. He maintains another book for special items--new stations, changed in frequency and power, etc.

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#### COUNTRIES WITH LARGE INDIAN POPULATIONS

A few years ago, practically no one knew what a sitar was. Now, thanks to the influence of the Beatles, most know it as a musical instrument of the Indian subcontinent. But typical Indian music and speech does not necessarily mean you are listening to a station in India or Pakistan. Stations in other areas are liable to be heard with programming in Hindi or other Indian languages. They include Guyana, Surinam, Curacao, Martinique, Trinidad, and other West Indian islands, Nigeria, Ghana, Congo, South Africa, Kenya, Tanzania, Aden, Mauritius, Seychelles, Reunion, Maldive Islands, Burma, Malaysia, Fiji and other Pacific islands. These countries all have rather sizeable Indian populations.

...Richard E. Wood

ANDESTINE CORNERRADIO FREE HARLEM RETURNS

Last February, newspaper stories told of a clandestine shortwave broadcaster, announcing as Radio Free Harlem, operating in the middle of the 80 meter ham band. The FCC made attempts to locate this station and silence it. It cropped up on the air a few times in February, then was silent. It seemed that Radio Free Harlem was dead.

However, on November 26, NASWA's Bruce Ted Goldman, Bronx, N.Y., heard the mysterious station again.

According to Bruce, he thought he'd try his hand at the ham band. At 0535 GMT while tuning 80 meters, he heard a station playing the song, "Mellow Yellow." This was followed by other pop tunes, "The Teaberry Shuffle," "The Woody Woodpecker Song," "The Lone Ranger." Later in the program Bruce heard a parody song about "the bomb," and a fake interview with "two distinguished guests."

The announcer, Bruce noted, sounded like he was using an echo chamber when he spoke. Obviously the station was not far from his home, for it put in a 40 db. over S9 signal. This would tend to confirm earlier FCC views that the illegal broadcaster was transmitting from the immediate New York City area.

At 0613, came the announcement, "Radio Free Harlem, broadcasting here and there, for your entertainment, suing what other stations wouldn't dare bring; listen to Radio Free Harlem for all kinds of wonderful entertainment. Radio Free Harlem operates on a frequency of 3,868 kilocycles and is unauthorized by the FCC, that's the Federal Communications Commission. We operate with an input power of 15,000 watts. We appreciate your contributions, sent in care of WRFH, to Grand Central Station, New York City. We now conclude our broadcast with our anthem."

Bruce notes, "It wasn't the Star Spangled Banner -- That's for sure."

He adds that the band was apparently well monitored, with station K3GKB, in Pennsylvania remarking on the air that he'd taped the broadcast (as did Bruce, incidentally). K3GKB noted the identifications of other stations who heard the transmission.

Some random comments expressed by the hams included, "I'm fed up," "Why don't those idiots shut up," "Trash like that gives hams a black eye," etc.

Bruce comments that the Radio Free Harlem broadcast, however, did not contain any vulgarities or swearing. The announcements, for the most part, were made by one person, though on one occasion there may have been two voices speaking. He feels the program was tape recorded.

Bruce concludes, the address must be a phony because it didn't include a post office box number.

Several questions arise in connection with Bruce's report of Radio Free Harlem's renewed activities: Will it appear again? Just what is the station up to? Is the present operation the same as that heard last February, or did the news accounts at that time just plant the idea for a repeat performance in the minds of other illegal broadcasters? All these remain to be answered.

However, east coast DXers would be wise to keep an ear peeled on 3,868 kc/s. this winter. Maybe Radio Free Harlem will make still another comeback.

DUMMY TRANSISTORS

The Federal Trade Commission has announced a proposed rule which would make it an unfair method of competition to advertise that any radio set contains a specified number of transistors when one or more of such transistors are either dummy transistors or do not perform the recognized and customary functions of radio set transistors in the detection, amplification and reception of radio signals. This, reportedly, has been a trick used by some Japanese receiver manufacturers.

...FTC Bulletin, via Dick Jenneman

STRENGTHENING ELWA'S VOICE

A crucial stage has been reached in the spiritual struggle for Africa. In a movement similar to her historic conquest of North Africa, a resurgent Islam has hurdled the Sahara and today advances toward her next major objective, the equator.

Islamic influence has tightly closed several African countries to the gospel. Restrictions are increasing in others.

A counter-thrust to stem this advance is imperative. The message of the gospel must be heard not only along the front lines but deep in the home territory of Islam.

This message was recently printed in an article distributed by ELWA, the missionary voice in Liberia.

The article continued: Top priority weapon for this task is missionary radio. Radio knows no political boundaries. Radio is not deterred by geography. Radio speaks all languages. Radio reaches all classes.

This is the reason for the decision by the Sudan Interior Mission, ELWA's parent organization, to increase the station's power. The voice must be able to span the continent and be clearly heard as far away as the Middle East.

To accomplish this, ELWA has launched a four-year, three-phase expansion program.

PHASE ONE - to become operative this year, is nearing completion. It centers around a new 50,000 watt transmitter which will improve reception in West Africa. This transmitter has been purchased and is now on its way to Liberia for installation.

PHASE TWO - to become operative sometime this year, is designed to span the Sahara and reach into North Africa and the Middle East. This is a major undertaking, built around the acquisition of a 100,000 watt transmitter. It requires a large new site, extensive new antenna systems, and new generating equipment. Land negotiations, complicated by legal details, ownership, clear titles and tribal rights, are underway.

PHASE THREE - for completion in 1970, involves a second 100,000 watt transmitter which can be coupled with the Phase Two transmitter to form a unit of extraordinary strength, capable of effectively blanketing the most distant targets to the north and east.

SOME FACTS ABOUT ELWA

- \* Six transmitters, from a 1,000 watt medium wave unit for local coverage to a 50,000 watt shortwave unit for distant broadcasting, beam 480 hours every week.
- \* Diesel generators provide power
- \* Missionary engineers install and service all equipment, mechanical and electronic.
- \* Eight transmitting antenna beam to different target areas. The Middle East antenna swings 180 degrees to serve Brazil while Africa sleeps.
- \* Four studios and control rooms permit four simultaneous broadcasts.
- \* Transcription library houses 15,000 tapes, 3,500 records.
- \* African language department uses over 50 languages.
- \* French department broadcasts to every part of French-speaking Africa and has a potential listening audience of 20 million.
- \* Arabic department serves West, North and East Africa as well as the Middle East.
- \* African staff, trained by ELWA, outnumbers missionary staff.

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HEAVY CHIMES

The famous Big Ben, the London clock whose mighty "bongs" are heard regularly via the British Broadcasting Corporation weighs some 13½ tons.



## NEWSROOM

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

Deadline 15th of Month

\*\*\*\*\*ALL TIMES GMT\*\*\*\*\*

Radio Denmark announces that, beginning on November 5, Radio Denmark started broadcasting in English every Sunday from 1015 till 1100 GMT on 9520 kcs.

During the first 20 minutes, a new programme called "The DX-Window" produced in cooperation with the Danish Shortwave Club International can be heard. (Radio Denmark, via Gerry Dexter, Wisconsin, and NASWA Hdqs).

Radio Prague reports the following current schedule:

To N. America in English from 0100 till 0330 on 7345, 9630, and 11990 kcs. At 0100, 5930 is also used which is being replaced by 6090 kcs.

To the Pacific Area, Far East, and Europe at 0700 on 6055, 9575, 11800, 15310, 21450, and 21700 kcs.

The Sunday Magazine of the Air can be heard from 1400-1455 on Sundays on 15440, 17705, and 21450 kcs. (Radio Prague via Henry Michalenka, R.I., Steve Cohen, Conn, Lou Procaccini, and Richard D'Angelo).

Radio Mauritanie sends the following current schedule: On 9610 kcs, 30 kw, and 7245 kc, 4 kw, from 1200-1500; and on 4850 kc, 30 kw, from 1730 to 2300. All transmissions are in French, Vernaculars, and Arabic. (Radio Mauritanie via Fred Baines, Canada).

Richard Wood reports that Brazil is now on Brazilian Summer Time (tempo brasileiro de verao) and most stations which previously signed on at 0800 now do so at 0700, e.g. Radio Nacional do Rio-6145, Radio Nacional de Brasilia-11720 kcs.

Report to NewsRoom regularly in sixty8! .

All India Radio, New Delhi, sends the following current schedule of their transmissions:

To South East Asia from 2315-0015 on 9530 kcs; from 0015-0100 on 11875 kc; and from 1130-1230 on 15335 kc, and 1115-1130 on 17705 and 21580 kcs. To Ceylon from 1245-1315 on 15430 and 17715 kc.

In the General Overseas Service: Service I to E. Asia from 2245-0015 on 9740 kcs; 2245-0045 on 7235 kc; 2245-0115 on 11710 kc, and 0030-0115 on 15250 kcs. To NE Asia from 2245-0015 on 9615 kc; from 2245-0115 on 11965 kcs; and from 0030-0115 on 15105 kcs.

In Service IV: To U.K. and Europe from 1745-2230 on 7215 kcs; from 1745-2030 on 11620 kcs; and 1945-2230 on 9912 kcs. To East Africa from 1745-1845 on 15080 kcs; to North Africa on 9690 and 11775 kcs from 1945-0215; To Australia and New Zealand from 2045-2230 from 9912 and 11820 kcs. (All India Radio via Steve Cohen, Connecticut).

Finland, having recently dropped its long-standing conservative frequency useage policy, is still seeking new, clear channels. Noted on new 9585 kc with English and Finnish until close-down at 0300, it appears to have a new North American Service schedule. Usual frequency on 31 meters is 9555 kcs. (Richard Wood, Hawaii).

Radio Beirut, Lebanon, has been noted operating to North America on a new 25 meter band frequency on 11785 kcs in English from 0230-0300. Reception is excellent on this frequency throughout North America. In addition, the QSL policy of R. Beirut seems to have been liberalized. (Radio Lebanon via L. Vipond, Tom Miller, and Bill Graham).

The following schedule has just been received from 4VEH-Cap-Haitian, Haiti:

Monday-Saturday: On 11835 kc from 1100-1215, 1215-1400, 0130-0330; On 9770 kc on the same times; On 6120 kc from 1215-1400, 0130-0330; also on 2450 kc at the same times.

On Sundays on 11835 and 9770 kc from 1100-1500, 1900-2100, 0130-0330.

Power is listed as 2.5 kw for 11835(4VEJ); 0.35 kw for 9770 kc (4VEH); 2.0 kw for 6120(4VE), 0.25 kw for 2450 (4VS0). Reports go to Voice of the West Indies, Radio 4VEH Post Box 1, Cap Haitien, Haiti, West Indies. Return Postage appreciated. (Direct via 4VEH).

Radio Ulan Bator has extended the use of 7260 kcs beyond the 0200-0705 schedule listed in WRTH '66. It has been heard at 1030 with an excellent signal in Mongolian. (Richard Wood).

Radio Habana, Cuba sends the following schedule, current until March 4, 1968:

To Northern Europe on 15230 kcs from 2010 to 2140. To North and South America in English from 2050 to 2150 on 15270 and 11760 kcs; from 0100-0450 on 9525 kcs; from 0100-0600 on 11760 kcs; from 0330-0600 on 6135 kcs; from 0630-0800 on 9655 kcs.

To the Mediterranean in Arabic from 0800-0830 on 9525 kcs; from 1000-1030 on 9525 kcs; from 1810-1855 and 2030-2110 on 11865 and 11930 kcs. (Radio Habana, Cuba, via Mark Mitchell, Lou Janicek, and Richard D'Angelo).

The following schedule of Radio Budapest, Hungary English transmissions for North America is from 0030-0130, 0300-0400, 0430-0500 on 11910, 9833, 7100, and 6234 kcs. This sked is in effect until March 3rd, and supersedes the sked printed in Nov. Friendx. (Radio Budapest, Hungary, via Mike Mackin).

Alma-Ata, Kazakhstan, is now using a new 4990 kcs, // with 6180 kcs. It is heard from 1700-1800. (Dick Wood).

Art Glover sends the following very interesting article from Radio Nederland:

"An All-round DXers' Course", which will cover all aspects of DXing, is now in preparation, and a number of recognized experts in different countries have been invited to compile some of the lessons dealing with specialized subjects. The others are the responsibility of Jim Vastenoud, the compiler of previous courses, including the excellent Short-Wave Propagation Course recently concluded.

Printed text material will be supplied free of charge to active participants. Enrollment is now open. Write Radio Nederland, P.O. Box 222, Hilversum, Holland, for details. (Radio Nederland, via Art Glover, Washington).

A special broadcast of the international tennis meet between South Africa and Spain was heard at 1000 on November 30th. on a large number of frequencies in the 11 and 13 meter bands (25805, 25795, 25780, 25760, 21545, 21535, and 21525 kcs). This was designed for relay purposes by BBC and other stations. (Richard Wood).

Radio New York Worldwide, WNYW, has sent in the following current schedule of their English language programs:

To Europe and the United Kingdom: from 1600-1830 on 21525 kcs; from 1900-2200 on 15440 kcs; from 1600-1945 on 17845 kcs; from 2000-2200 on 11805 kcs. To Africa from 1600-2200 on 21525 kcs. To the Americas from 1600-1700 on 17730 kcs; 1700-2200 on 17760 kcs; 1600-1900 on 21465 kcs; and 1900-2200 on 21525 kcs. (Radio New York Worldwide, via Lou Janicek, Mike Mackin, and Bruce Ted Goldman).

Tom Miller reports that for the first time in the station's history, Radio ETLF, the Voice of the Gospel, is beaming English language broadcasts to the Western Hemisphere. The sked shows broadcasts to South America from 2300-2325 on 15315 kcs; To North Am. from 2300-2325 on 15230 kcs. To S. America from 2330-2340 on 11940//11770 kcs. This is also a Spanish broadcast here at this time. (ETLF, via Tom Miller, Missouri).

Radio Bucharest, Roumania, sends the following schedule of their English Language transmissions:

To Europe from 1300-1330 on 15250 and 11920 kcs; from 1930-2030 on 11940 and 9570 kcs; from 2230-2300 on 9570 and 7195 kcs.

For North America from 0130-0230 on 15250, 11940, 11810, 11725, 9590, 9570 kcs. From 0300-0330 on the above frequencies plus 9510 kcs; and from 0430-0500 on all of the above frequencies.

To Asia from 1500-1530 on 17775 kcs.

To Africa from 1500-1530 on 17850, 15380, and 11810 kcs. (Radio Bucharest, Roumania, via Stanley Mayo, Maine).

Radio Moscow has submitted the following current schedule of its North American Service:

From 2200-2230 on 11730, 12030; 9620-9760 kcs. From 2300-2330 on 11730-12030; 9570-9760; 7200-7310 kcs. From 0000-0030 on 11720-11900, 9570-9760; and 7150-7200 kcs. From 0100-0130 from 11730-12030, 9570-9760; and 7150-7200 kcs. From 0200-0230 on 11730-11900, 9570-9760, and 7200 kcs. From 0230-0300 on the above frequencies. From 0300-0330 on 11730-11900 and 9610-9760 kcs. From 0400-0430 on the above frequencies. From 0430-0500 on 11730-12020 kcs, 9640-9760, and 7160-7310 kcs. From 0500-0600 11790-12030; 9620-9760, and 7160-7310 kcs. (Radio Moscow, via Lou Janicek, Michael Anderson, and Richard Wood).

Bob Hagerman reports that Radio Norway has submitted the following new schedule:

From 0300-0430 for USA and Northern Europe on 9550, 11735, and 9610 kcs. From 0700-0830 to Pacific, S.E. Asia, New Zealand, W. Africa on 11850, 9550, 21730, 25730, and 21655 kcs. To North America and Europe from 1500-1630 on 21655, 17825, 25900, 21730, and 25730 kcs. From 1700-1830 on 17825, 21655, 21730, 25900, and 25730 kcs. From 1900-2030 on 15175, 17825, 21655, 21730, and 25730 kcs. From 2100-2230 on 15175, 11850, and 11860 kcs. And from 2300-0030 on 11850, 9550, and 11735 kcs. (Radio Norway, Oslo, via Bob Hagerman, Michigan).

Radio New Zealand has sent in the following new schedule of their transmissions:

To the Pacific Islands from 1700-1945 and 2000 to 0545 on 9520, 11780, and 15110 kcs. From 0600-0845, broadcasts can be heard on 9520 and 11780 kcs.

To Australia from 2000-0545 on 17770 kcs; from 0900-1145 on 9520 and 11705 kcs.

To Antarctica from 0815-0845 on 9520 kcs on Sunday Only. (Radio New Zealand via Bob Hagerman and George Schnabel).

Radio Cairo, U.A.R., sends the following current schedule, current until March 4: To Europe in the Overseas Service program on 9475 and 12005 kcs from 2145-2315. Within this transmission, News, Light and Classical music, and talks will be heard. (Radio Cairo, UAR, via Stanley Mayo, Maine).

Richard Wood reports that the reported "reception" of Seychelles on 4990 kcs quoted in the December "News Room" may be a hoax. The English speaking station on 4990 kcs is thought to be Lagos, Nigeria. A recent interview on the BBC World Radio Club with the manager of Seychelles Broadcasting Service clearly stated that 4990 kcs had been inactive for 3 years, and only the medium wave frequency of 1330 kcs is in use. (Richard Wood). (Thanks for the enlightenment, Richard).

Radio Station WINB, which is known for an unchanging transmission schedule has sent the same sked. It is on the air from 1700-2000 on 17720 kcs and from 2002-2200 on 11795 kcs. Power is 50 kw on both transmissions. (WINB, via Bruce Ted Goldman, New York).

Mike Mackin reports that Radio Japan is one station that acknowledges survey forms that are sent out to find out listeners' opinions. For filling out one of their forms, Radio Japan will send you a 1968 calendar as their way of saying thanks for the trouble. (Mike Mackin).

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HAPPY NEW YEAR!!! GOOD DX TO YOU ALL!

The Canadian Broadcasting Corporation sends the following schedule of their transmissions to Europe, North America, and the Carribean Area from 1215-1313. Frequencies are 11720 and 9625 kcs. The transmission from 2300-2330 to the Carribean, Latin America, and USA on 15190, 11725, and 9625 kcs. There are also transmissions to Europe from 2115-2150 on 17820, 15320, and 11720 kcs. To the South Pacific from 0830-0930 on 9625 and 5970 kcs. To Africa from 0730-0800 to West and Central Africa on 17820, 15390, and 11925 kcs. To West, Central, East, and South Africa from 1833-1914 on 21595, 17820, 15320 kcs. All of these transmissions are in English. (Canadian Broadcasting Corporation via Steve Kruse and Richard D'Angelo).

In conjunction with this sked, Bruce Ted Goldman reports that the CBC has announced that it will end its International Service on December 31, 1967. If listeners don't want the service to end, they are requested to write a letter to the Prime Minister in Ottawa, Canada, and do it NOW. This problem arose in 1965, but the public response was so wide-spread that the Prime Minister's Office was swamped with mail. This is a good chance for NASWA DXers to let a station know how they feel about International Service transmissions. (Bruce Ted Goldman, New York).

The Windward Islands Broadcasting Service sends in the following current schedule: To the Eastern Caribbean on 9550 kcs from 1545-1800; 5015 kcs from 1545-2245; 2155-0215 on 3280 kcs. To Jamaica on 15105 kcs from 1545-1800 and from 2000-2245, on 11970 kcs from 2315-0215 and on 21690 kcs from 1945-2000. To Ascension Island on 11970 kcs from 2015 to 2130, on 21690 kcs from 2000-2330 in English, as is all the transmissions listed. (WIBS, via John Mraz).

Vatican Radio has submitted the following latest schedule: To the Americas in Portuguese at 2300 on 11760 and 15285 kcs. In Spanish at 2330, 0000, and 0030 on 11760 and 15285 kcs. In English at 0050 on 9690, 11760, and 15285 kcs. In French at 0110 on 9690, 11760, and 15285 kcs. (Vatican Radio, via Richard D'Angelo).

— Radio Station TGNA, Guatemala City, sends the following latest schedule: In Spanish from 1100-0300 and in English from 0300-0430. On Sundays, English transmissions begins at 0030-0400. The frequencies are 2 Medium wave frequencies and 5955 kcs (10 kw) on Short-wave. (Bruce Ted Goldman, New York).

The following current schedule has just been received from Radio Niamey, Niger: From 0530-0630; 1130-1330; and 1700-2130 (Saturdays till 2230) on 3260 5020, 7150, and 9755 kcs. All transmitters are 4 kw except the 31 meter band outlet which is 30 kw. NOTE\*\* The transmission times are not necessarily all broadcast by all frequencies. (Radio Niamey, Niger, via Dan Henderson).

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Well, Frendx is starting out another year--one that I as NewsRoom Editor hope will be profitable for each and every member of NASWA. We will try to improve each month with all the news and skeds that are of interest to our members. I wish to, at this time, express my appreciation to all you fine members who have supported the column this past year. Also, a belated Happy Holiday Season to you and yours!!!

Best of DX to you all,

*Dan Henderson*

NOTE: Please keep in mind that the deadline for NewsRoom is the 15th of the month and all items, skeds, etc., should be mailed so as to reach your editor no later. Any data received after the 15th must be held over for following month and in most instances becomes outdated and of no news value, therefore is not used. Thank you.  
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## QSL REPORT



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

Deadline 15th of Month

\* \* \* \* \*

It seems hardly possible that another year has flown by, and that we are once again in a brand new year with all its possibilities, and our hopes and aspirations. But it is indeed the case and it would be amiss of me if I did not stop for a moment to thank the large number of faithful reporters and supporters of not only QSL REPORT, but of the other sections and editors. NASWA is your club, and it is today, if it is anything, only that which you and I as members have made it. But a new year is not a time for looking back, however pleasantly over the past achievements, but it is a time to look to the future, to new goals and new plans. So let us, the editors and you, the members combine again in a concerted effort, so that in 12 months time, we may look back over 1968 as a year filled with happy memories and joys. From me to you then, A Very Happy and Joyous New Year!

### VERIFY THE BBC??

For years DXers have had to be content with 'acknowledgement cards' from London in response to their accurate, detailed and often lengthy reports. With the exception of the BBC Far Eastern Station in Malaysia, no QSLs which accurately confirm a reception and state details of it have been forthcoming. This problem has stemmed, as London will explain it, from the fact that BBC World operations are so vast and complex as to make it virtually impossible to ascertain for certain if a certain DXer heard their transmissions direct, via a relay or even if he heard them at all, now that detailed program schedules are available to all.

Now however, perhaps a breakthrough has been noted. Detailed and personal QSLs have been reported from Botswana (direct from Francistown - see report this month by Richard Wood) and from Ascension Island. SCDX has given the address for Ascension I. as being in the USA, namely: BBC, Ascension AAFB, c/o Patrick AFB, Florida 32925. One direct QSL from Ascension has been reported this month too and readers should note this. It is mentioned that both of these of course, are services of the local staff and that return postage would be appreciated. U.S. postage stamps are reportedly acceptable in Ascension.

It will be interesting to watch and see if the fad catches on elsewhere, perhaps in Cyprus? Maybe a few Near's Resolutions have been made. hi

### NEW QSL'S

Glancing through this month's reports your editor notes that new QSLs have been reported from Laos. Bob Padula writes to say that they are currently issuing their own card, after a season of simply returning Self-prepared cards. FMBC, in the Philippines and Radio Berlin International are also reporting new QSLs, and Radio Nederland's commemorative 20th Anniversary QSL mentioned last month is currently being sent out. For descriptions of these QSLs and others, see QSLs RECEIVED which follows overleaf.

NASWA SPANISH FORMS NOW AVAILABLE!

A new year and a new report form has arrived - one which many of you have been waiting for, for the past few months - the new accurate Spanish language reception report form. Third and last in the current series, this form gives complete instructions for the writing and sending of a reception report to any radio station broadcasting in the Spanish language. And your editor is confident that it will prove as useful to DXers as the French and Portuguese forms announced last year, and still available from your QSL Editor for return postage.

Over 120 of the French and Portuguese forms have already been distributed to NASWA members and undoubtedly the long awaited 6-page Spanish form will be as popular. If you would like a free copy, just drop a line to the Ed, and don't forget to enclose a 9" x 4" Self-addressed envelope, and an IRC for postage. Remember that American postage stamps cannot be used in Canada for postage. And come to think of it, while you're at it, why not enclose a report for the QSL section??

NEWS N' NOTES

Member Bruce Goldman of New York City reports that the Benelux DX Club is currently sending their own QSL card to DXers who report their regular programme over Radio Nederland. Send your report for this attractive card to the Benelux DX Club, c/o DX Juke Box, Radio Nederland, P. O. Box 222, Hilversum, Holland. The programme is aired on certain Thursdays of the month; check Radio Nederland's latest schedule for the next time.

Are you interested in knowing what a QSL from Sarawak, or Tahiti or Sweden looks like? Perhaps you already have a certain country verified, but you're wondering if by now this station hasn't issued a new card that would make an attractive addition to the wall? Well, if the answer is yes, you are like hundreds of other DXers and SWLs the world over. But you may ask, how will I find out? One way, which I would suggest is to add fresh detail to your reports to QSL REPORT. Not only give the factual information specified on Form C, but also, on the reverse, give a brief description of the QSL, particularly if it is from a rare country. This month, many members have attempted this and I think you will notice how much this adds to the overall picture. So, in future, why don't you take an extra moment if you have not been doing so and describe that prized QSL you just received!

Members report that the address for the new Radio Voice of Southeast Asia, now testing from Dumagete City in the Philippines is P. O. Box 4148, Manila, Philippines. Verifications have already been received. If you hear them, drop a line as they are particularly interested in hearing from listeners during initial tests.

And finally, to close off this News N' Notes section, a tip on protecting your QSLs from Rod Williams of Georgia. Rod writes that if you wish to keep your QSLs clean and dust-free (and who doesn't?), you can achieve this by sealing them with a regular home iron (set on warm), or a soldering iron, in inexpensive plastic sandwich bags, or plastic wrap before, as Rod puts it, you 'hang them up for non-SWLs to Gawk at.' These "baggies" are generally lightweight and would probably not even be noticed, yet offer a convenient and cheap method of preserving your prized cards.

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Deadline for reports to QSL REPORT is the 15th of each month. This is necessary so that the editors can type their respective columns and get them to Club hq in time for the mailing dates, which were included in the December issue. Report Form C is still available too, for a SASE.

QSLs RECEIVED

ADEN: South Arabian Broadcasting Corp, 5060 kc/s sent letter airmail in 8 months, due to the fact that "the mail has been very disturbed", according to the C.S., Brian Hughes. IRC sent; full date, time and freq on QSL (Graham; N. Y.) Now the People's Republic of South Yemen (GAC)

AFGHANISTAN: Radio Kabul, 9545/15265 kc/s sent detailed picturesque card showing map of Afghanistan in green, black and red in approx. 3 weeks, airmail. IRCs sent. (Wood, Hawaii; Perry, Illinois; Holbrook, Maryland)

ALBANIA: Radio Tirana sends form letter in 2-3 weeks. IRCs sent (Zamora, Texas; Kane, NJ)

ANGOLA: Emissora Oficial de Angola, CR6RZ, Luanda, 4820 kc/s sends cards airmail in 317 and 50 days. returned 1 of 2 IRCs sent. V/S is unreadable, but was the Director; also card in 77 days for 7235 kc/s (Chicoine, P. Q.)

ARMENIA: Radio Yerevan, 9780/17775 kc/s sent card in English, w/sked and color p/card by registered airmail generally averaging 10 weeks. Full data on QSL; mint stamps or IRCs sent (Billingsley, California; Field, Michigan; Weber, Ohio)

ASCENSION Is: BBC S. Atlantic relay sent Big Ben card airmail for 11865/15140 kc/s w/ "Atlantic relay station" printed on card, plus world service chart in up to 3 weeks (D'Angelo, N. Y.; Kamp, Texas; Hagerman, Michigan; Braz, Pa; Holbrook, Maryland). Also for 11820 kc/s a letter airmail in 3 months direct! Full QSL details (Perry, Ill.) See page 1 of QSL REPORT (GAC)

AUSTRALIA: Radio Australia, 7190/9560/9570/11880/15240/17820 kc/s sends card, sked and report form. Card shows President Johnson and F.M. Holt; Generally via 2nd class airmail averaging 1½ months (McClain, Calif; Kane, N.J; Mrs. Ehn, Mass; Cohen, Conn; Goldman, N.Y; Holbrook, Maryland; Weber, Ohio)

VLX9, Perth, 9610 kc/s sent card, sked and letter w/travel folders 1 week later; in 49 days. No IRCs; reply by seamail (Macken, Massachusetts)

AUSTRIA: Vienna, 11785/9770 kc/s w/card, sked and rpt forms via airmail in 1 month. full data on QSL (D'Angelo, N. Y; McClain, Calif; Mrs. Ehn, Mass; Zamora, Texas)

AZORES: Emissor Regional dos Açores, Ponta Delgada, 4865 kc/s sent 3 p/cards via Lisbon in 354, 264 and 46 days, airmail. Full QSL details; 1-IRC sent (Chicoine, P. Q.)

BELGIUM: Radiodiffusion-Télévision Belge, Bruxelles, sent colorful card, sked and stamps airmail in 3½ weeks. (Braz, Pa; Mrs. Ehn, Mass; Perry, Ill; Deal, Nebraska; Macken, Mass)

BOLIVIA: Radio La Cruz del Sur, La Paz, 4985 kc/s sent attractive card and letter in English in 3 months airmail. V/S: is Sergio Vargas or Hazen Parent, Director de programas. (Field, Michigan; Wood, Hawaii) Hazen is both a Canadian and a personal friend of your editor. Very cordial to DXers (GAC)

Radio Amoro, Sta. Cruz, 4897 kc/s sent letter and pennant from Alfonso Rojas Moncayo. However seemed reluctant to admit frequency discrepancy from nominal 4915 kc/s. 3 weeks (Wood, Hawaii)

BOONAIRES: Trans-world Radio, sent card, personal letter, religious material; info on Bonaire setup and 6 cancelled stamps from the Neth. Antilles in 10 days. V/S: Beverly Jones, for 11820 kc/s; IRCs sent; reply via air (Hagerman, Michigan)

Radio Nederland relay sent attractive Benelux DX Club card w/full details by seamail in 2 months. Listener must report on Benelux DX Club segment of DX Jukebox and specify Benelux DX Club QSL card. No IRCs sent. Regular Radio Nederland card also being sent for Bonaire as well; (Williams, Ga; Mrs. Ehn, Mass; Goldman, N. Y.)

BOTSWANA: BBC Central African Relay, Francistown sent full and detailed verie letter direct in 3 weeks for 4845 kc/s (Wood, Hawaii) Any special address; Richard? (GAC)

BRASIL: Radio Anhanguera, 5035 kc/s sent registered letter airmail in 20 days after 2nd report; mint stamps sent; gives date, frequency (Graham, New York)

Radio Bandeirantes, 6185 kc/s sent letter/card and pennant surface mail in 4½ months. 1-IRC sent. V/S: Samir Nazuk (Graham, N. Y; Chicoine, P. Q.)

Radio Guaruja, 5975 kc/s w/p/card in 2 weeks on follow-up (Dexter, Wisconsin)

BRAZIL (continued): Radio Journal do Brazil, 4875 kc/s sent letter and pennant, by airmail. Signed by Fernando Veiga, Assistente da Directoria para a Radio; in 2 weeks registered (Dexter, Wisconsin; Graham, New York)

Radio Nacional de Brasilia, 6065 kc/s w/letter in 20 days. V/S is Luthero Toledo. 1-IRC sent (Mrs. Ehn, Mass.)

Radio Nacional de Rio de Janeiro, 6145/11795 kc/s sends letter in Portuguese in 4 weeks after 5 tries; by airmail; V/S is Sergio Vasoncellos; stamps and SASE sent (Field, Michigan)

BULGARIA: Radio Sofia, 9700 kc/s sends card, sked and report forms seaimail in up to 3 months. Postage does not appear to guarantee a quicker reply (Mrs. Ehn, Mass; Goldman, N. Y; Gaharan, Louisiana) But is of course a courtesy - (GAC)

CAMEROON: Radio Yaoundé, 4972.5 kc/s sent card airmail in up to 14 months; Full details and IRCs sent (Chicoine, P. Q; Green, Virginia)

CANADA: CBC International Service sent card, and magazine "Century 1867 1967" in 2-3 weeks surface mail (Semenc, Alta; Wood, Hawaii; Anthony, Conn; Mrs. Ehn, Mass)

CBC Northern Service, 11720 kc/s sent card in 10 days surface mail. V/S: is B. Duke; (Hagerman, Michigan; Mitchell, Michigan)

CHWX, Halifax, 6130 kc/s sent white card airmail in 2-6 weeks. V/S: M. Forrest; stamps or IRC sent w/rpt (M. Kamp, Texas; Gaharan, Louisiana; Weber, Ohio)

CFCX, Montreal, sends card surface mail in 35 days for 6005. States frequency only (Jamison, Virginia)

CFRX, Toronto, 6070 kc/s sends card (smart and colorful) in approx 1 week by surface mail. IRCs sent (Mitchell, Michigan; Gaharan, Louisiana)

CKZH (ex-CBNX), St. John's, Newfoundland, 6160 kc/s sent standard CBC regional card used all across Canada for CBC MW (i. SWBC relays), plus letter signed by John C. Postema, Nfld. Regional Engineer in 15 days. (Dexter, Wisconsin)

CFVF, Calgary, 6030 kc/s sent card airmail in 6 days. Stamps sent. V/S: R. Lamb (McClain, California) Kansas)

CKFX, Vancouver, 6080 kc/s sent letter in 5 days after 1st f/up (Craighead, //

CEYLON: Radio Ceylon, 9667.5 sent letter, program schedule in 1 month by airmail. Mint stamps sent; full details on QSL (Billingsley, California; Kamp, Texas)

CHILE: Radio Valentin Letelier, 9550 kc/s sends card airmail in 3 mos (Dexter, Wisc.) Emisoras Nuevo Mundo, 11740 kc/s w/a 2 page letter from Alfredo Guillermo Taborga; plus pennant in 2 weeks (Wood, Hawaii)

CHINA: Radio Peking, 15060/11620 kc/s w/card, sked and copy of Chairman Mao's thoughts in 2 months seaimail. 2 IRCs. No QSL info (Mitchell, Michigan; Zobot, N. B.) Long live the happy workers! hi (GAC)

CLANDESTINE: Radio Euzkadi, La Voz de la Resistencia Vasca, 15060 kc/s sent carbon form letter along with a copy of the underground paper GUDARI and calendar card showing the Basque region, i.e. Euzkadi of Northern Spain. 2 IRCs sent and reply in 15 days (Holbrook, Maryland)

COLOMBIA: Radio Nacional, HJCC, 4980 kc/s w/letter containing full data; in 14 days airmail. No IRC (Zobot, North Carolina)

Radio Santa Fé, 4965 kc/s sends letter, pennant in 2 months from Luisa V. de Bernal; by airmail. Detailed QSL text (Wood, Hawaii; Mrs. Ehn, Mass.)

Radio Sutatenza, 5095 kc/s sent folder type card in 3 months by seaimail. No IRCs (S. Kamp, Texas)

CONGO: Radio Brazzaville, 15445 kc/s sends card, sked airmail in 30 days. 2 IRCs sent; reported in French. Airmail. Full data. Card has map of Africa, measuring 5 1/4" x 6 1/2" (Mrs. Ehn, Mass; Holbrook, Maryland)

COSTA RICA: TIC, Puerto Limon, 5954 kc/s sent form letter in Spanish and a very nice pennant in 2 months (Gaharan, Louisiana)

Radio Popular, 4784 kc/s sent very pleasant letter in Spanish in 11 wks from Marta Cecilia Araya Barahona, Secretaria de Correspondencia (Wood, Hawaii)

Radio Reloj, 6206 w/card airmail in 33 days; No IRCs (Zobot, N. C.)

ST. RICA (continued): Faro del Caribe, TIFC, 6037 kc/s sent card, letter and some religious pamphlets in 9 days airmail. No IRCs; V/S: Jerry Frost, Engineer. A f/up is sometimes required (S. Kamp, Texas; Craighead, Kansas and Zamora, Texas).

CUBA: Radio Habana Cuba, 6135/6170/15285 kc/s w/card, sked airmail in up to 2½ months. Full details on QSL (Mitchell, Michigan; Mrs. Ehn, Massachusetts; M. Kamp, Texas)

CYPRUS: BBC Eastern Mediterranean relay sent card via London in 1 month. Typed in the location on the card; sked sent too of World See (M. Kamp, Texas)

CZECHOSLOVAKIA: Radio Prague, 11990/17840 kc/s sent card/pennant in 5-9 weeks. V/S: Vladimir Kucera (Mitchell, Michigan; Reynolds, Mo) What happened to Martha Trojanová?

DENMARK: Danmarks Radio, Copenhagen, 9520/15165 kc/s sent attractive map card in black, orange, red and brown, by airmail averaging 2½ weeks. IRCs appreciated (Wood, Hawaii; Mitchell, Michigan; Macken, Mass; Holbrook, Maryland; Zamora, Texas; Zobot, N. C.)

DOMINICAN REPUBLIC: Radio Santo Domingo, 6090 kc/s replies with card containing partial info text in Spanish in up to 3 weeks, generally airmail. Accepted both English and Spanish reports (Jacobson; Wisc; S. Kamp, Texas; Hagerman, Mich; Perry, Illinois; Weber, Ohio; Goldman, New York;)

Radio San Juan, HIAD, 3375 kc/s confirmed by card in 13-15 months. Their cards have evidently just been made up; one side gives QSL statement and reverse has full info on the MW and SW station with small map of the country; IRC sent (Holbrook, Maryland; Wood, Hawaii)

ECUADOR: Emisoras Gran Colombia, 4912 kc/s sent very nice letter and fine pennant by airmail in 1 year. Date and time missing; V/S: Eduardo Cevallos C. (Wood, Hawaii; Chicoine, P. Q.)

Radio El Mundo, 4740 kc sends card, pennant airmail in 6 days. Gabriel Vergara Jimenez. (Graham, New York)

Radio Quito, 4923 kc w/card, pennant airmail in 10 wks. Verie/signer is Sr. Leonardo Ponce M., IRC sent (Zaharek, Connecticut)

HCLR, 6, Riobamba, 3985 kc/s returned my prepared card in 8 months. V/S: is Ernesto Arellano, Director Radio Programs. IRC enclosed (Holbrook, Maryland)

HCLB; La Voz de los Andes, 9745/11910/17890 kc/s replies with cards and religious pamphlets by airmail if IRC sent; sked too (Mitchell, Mich; Mrs. Ehn, Massachusetts)

ENGLAND: BBC, London with separate cards for Crowborough (15435), Rampisham (7210) and Daventry (11750) in up to 2½ months. (Dexter, Wiscon; Semened, Alta; Cohen/Ehn, Mass)

ETHIOPIA: ETLF, Addis Ababa, 7245/11890/15400 kc/s sent card, sked in 4 weeks average; IRCs sent; V/S: B. Svenstom (Zaharek, Conn; Mrs. Ehn; Mass; Weber, Ohio)

FINLAND: Radio Finland, Helsinki, 15155/15185 kc/s sending card, sked in 2-3 months. Full QSL data on card; IRCs sent (Iraz, Pa; Goldman, NY; Weber, Ohio; Macken, Mass; and Mitchell, Michigan)

FRANCE: O.R.T.F., Paris, 11845 kc/s sends card, sked airmail in 3 weeks, containing full reception details (Wood, Hawaii; Zamora, Texas)

G.D.R. Radio Berlin International, East Berlin, sending currently a new card featuring blue background with a white dove up at the top; averaging 1-1½ months, the QSL is signed by Paul Lindner and is usually accompanied by a sked, sometimes in German.

(McClain, Calif; Mitchell, Michigan; Cohen Conn; Mrs. Ehn, Mass; Kane, New Jersey)

G.F.R. Deutsche Welle, Köln, w/card, sked airmail in 2-3 weeks. Card is in 2 shades of blue with white and orange featuring a map of Europe. Most attractive! (Holbrook, Kane)

GHANA: Radio Ghana, Accra, 11850 kc/s w/card, sked in 2 months seairmail. Full details (Mitchell, Michigan)

GILBERT AND ELLICE ISLANDS: Gilbert and Ellice Islands Broadcasting Service, Tarawa sent pleasant letter thanking me for correct accurate report, implying many faked reports are received. For 4912.5 kc/s; plus sked. V/S: Reuben A. Uatua, Broadcasting Officer; duration: one month (Wood, Hawaii) Very nice Richard (GAC)

GREECE: Hellenic National Bcing Institute, Athens, verified w/form letter airmail in 3 weeks for 17745 kc/s. V/S: A. Margaritis, Director of Foreign and Public Relations. No IRCs sent (Padula, Australia)

GUATEMALA: Radio Chortis, TGCH, 3380 kc/s sent letter which was exceptionally cordial, with pennant in 2 weeks. V/S: Albino Gomez, Director; mint postage stamps sent and reply was by airmail and included an offer of tapes of local marimba music if desired. No prices stated (Billingsley, California)

TGNA, 5955 kc/s w/card, personal letter, religious folders and sked airmail in 3½ months. 1-IRC sent. V/S; John S. Holland, who explains delay due to backlog of Reports now being answered (Pappas, Illinois; Zamora, Texas)

HAITI: Radio 4VEH/4VUJ etc., 9770/11835 (actually 11633.5) sends folder card, assorted skeds, pamphlets, religious material and sometimes a personal letter. V/S: is Mrs. Kent Ragsdale; average duration: 3 weeks (Pappas, Illinois; Wood, Hawaii; Gaharan, La.)

Radio Lumière, Aux Cayes, 6100 w/letter in 10 weeks; mint stamps sent (Craighead)

HONDURAS: HRVC, the Evangelical Voice of Honduras, sends card with pink and black print on white background; Full details on card and duration averages 21 days, airmail.

IRCs appreciated (Schnabel, N.Y; D'Angelo, N.Y; Zaharek, Connecticut; Gaharan, La.)

HONDURAS (BRITISH): Radio Belize, 3300 w/large card in 37 days; 2 IRCs (Gaharan, La.)

HUNGARY: Budapest, 9833/11910, replied by card, pennant, newspaper in up to 2½ months. Full details; no IRCs sent (Reynolds, Mo; Cohen, Connecticut; Mrs. Ehn, Massachusetts)

INDIA: AIR; Delhi, 21615, 15175 kc/s confirmed by card airmail and sked in Indian Std. Time in 2-3 weeks. Full details (Wood, Hawaii; Williams, Georgia)

INDONESIA: YDF6, Djakarta, 9865 kc/s sent card airmail in 2 months average. Full details given and signed by: Miss Susie; F/up sometimes req'd (Jamison, Va; Hagerman, Michigan; Field, Michigan; Craighead, Kansas)

YDk, Palembang, 4855 kc/s sent long friendly letter in English in 4 weeks.

Also card and stamps. V/S: M.N. Supomo, Director; full data (Field, Mich; Craighead, Kan.)

IRAN: Radio Iran, Tehran, 15105 kc/s sent letter, tourist books by registered mail in 7 weeks. 2 IRCs sent (Zaharek, Connecticut)

ISRAEL: Kol Yisrael, Jerusalem, 9009/9625/9725 sent card and sked, and occasionally a pennant in 1½-2 months. Full data (Pappas, Illinois; Cohen, Conn; Ehn, Mass; Macken, Mass)

ITALY: RAI, 9630/11810/15410 kc/s sends card, sked seaimail in 1½ months average. Full reception details on QSL (Mrs. Ehn, Mass; Cohen, Conn; Deal, Neb; Mitchell, Mich; Kane NJ)

JAPAN: Nippon Hoso Kyokai, Tokyo, 9505/9550/17825 kc/s verifying with an attractive card showing a painting of Mt. Fuji in green, blue, white and black. Also sked, and Radio Japan News bulletin; replies are generally quick, 1 month or less, and by airmail. (Kane, N. J; Mitchell, Michigan; Zobot, N. C., Holbrook, Maryland; Cohen, Conn; Wood, Hawaii)

KOREA (NORTH): Radio Pyongyang, 15520 kc/s sent card and a very nice letter including a set of Korean stamps on the 8th London World Cup Finals. Stamps are in beautiful condition. 3 IRCs sent and reply was via seaimail from Moscow; containing full info re reception (Billingsley, California)

KOREA (SOUTH): Voice of Free Korea, Seoul, 9640/15430 kc/s sent card, sked and rpt forms in 1 month. Card shows view of Seoul, and is signed by Y. Lee. IRCs sent w/rpt. (Chicoine, P.Q; Holbrook, Maryland; Green, Virginia)

HLKY, Christian Broadcasting System, Seoul, for new SW outlet on 6195 kc/s, a letter w/sked in 1 month's time. V/S: is L. Otto Decamp, Director (Wood, Hawaii)

LEBANON: Beirut, sends card showing picture of building, studios and transmitters. Accompanied by sked, it came by registered airmail in up to 13 weeks. IRCs generally sent by listed reporters (Mitchell, Mich; Kane, NJ, Gaharan, La; Ehn Mass; Macken, Mass; Holbrook, Maryland)

LIBERIA: ELWA, Monrovia, sends card, sked airmail in 3 weeks (Wood, Hawaii)  
LITHUANIAN S.S.R. Radio Vilnius, 11790/15210/15260 kc/s replied by card via 2nd class seamail; averaging 2-2½ months. V/S: St. Vilkas; multilingual booklet about Lithuania also sent sometimes; no IRCs sent from majority of reporters following (Mitchell, Michigan; Cohen, Connecticut; Goldman, N. Y; Weber, Ohio)  
LUXEMBOURG: 15350 kc/s sent card showing coat of arms and transmitter towers in only 1 month. IRC sent (Holbrook, Maryland)

MALAGASY REPUBLIC: 9515 sending very attractive card with picture of broadcasting house on front and info on reverse. Neglected to fill in reception information though, but contained confirmation statement. 2½ months. V/S: G. Rabeshala. Have returned card to have it filled in. (H. Kamp, Texas)

MALAWI: MBC, 3380 kc/s replied by letter, and fact sheet about the station. V/S: G. K. MacDonald. Although both reporters sent 3 IRCs each, one reply took 9 days, the other 2½ months. (Craighead, Kansas; H. Kamp, Texas)

MALAYSIA: Radio Malaysia, Penang, 7295 kc/s sent card in 2 weeks by airmail. Full data on QSL (Field, Michigan)

BBC FES, 7120kc/s sent BBC card via London airmail w/sked in 1 month. 3 IRCs sent; program sked rec'd too (H. Kamp, Texas)

MEXICO: XEWW, 6020 kc/s sent p/card, pennant commemorating 35th anniversary by airmail in 13 months. Reported in English (Reynolds, Missouri)

MONACO: Trans-World Radio, 7295 kc/s sent form QSL printed on glossy folder, with sked and religious pamphlets airmail in 4-7 weeks. Full data (Billingsley, Calif; Ehn, Mass)

MOZAMBIQUE: Radio Clube Moçambique, 15295 kc/s sent card seamail in 2 weeks; 4 IRCs sent; card states power and frequency (Pappas, Illinois)

NETHERLANDS: Radio Nederland, 15425 kc/s sent card (20th Anniversary card mentioned in last month's QSL REPORT), plus picture of Ed Starz by airmail in 1 month. No IRCs required (Semenec, Alberta; Anthony, Connecticut; Zamora, Texas)

NEW BRITAIN: Radio Rabaul, 3385 kc/s sent folder card after f/up in 2 weeks from G. N. Heard, Station Manager. Full QSL data. F/up not always required tho' (Field, Craighead)

NEW GUINEA: Radio Wewak, 3335 kc/s sent pamphlet card in 1½ months airmail. V/S: Iete R. Bird. 2-IRC's sent (Ferry, Illinois)

NEW ZEALAND: Wellington sent card, travel literature, 'tiki' pin, and sked in 3 months seamail. V/S: J. L. Hartstonge. For 15110 kc (Jacobson, Wisc; Deal, Neb; Wood, Hawaii)

NORWAY: Radio Norway, Oslo, sent card showing scene of the country for 9550 kc/s. Duration averages 5 weeks; full info (Padula, Cohen, Mrs. Ehn, Mitchell)

PAKISTAN: Radio Pakistan, 15420 kc/s and 15325 kc/s sends card, letter airmail in 5 months. V/S: Masir Ahmed. Full data (Ferry, Illinois; Green, Virginia)

PAPUA: VLT4, Port Moresby, sent card showing Australian continent in black in an azure sea with stations marked on in white; reverse shows legend and is stamped with stamp "Papua and New Guinea". Duration: up to 8 weeks (Schnabel, Hagerman, Zaharek, Ferry)

PERU: Radio Tingo Maria, 4770 kc/s sent letter, card, pennant via airmail in 1 month after f/up. Signer: Jesus A. Santa Cruz, Director (Dexter, Wisconsin)

PHILIPPINES: FEBC, 11835/11920/15230 kc/s sends card showing circle map of India, China, Japan, Australia, Philippines in blue and green and the call sign. Averages to 2-4 weeks, by airmail. (Wood, Hawaii; Craighead, Kansas; Holbrook, Maryland)

DUH2, Philippine Broadcasting Service, 6170 kc/s w/card in 2 months after 1st follow-up. IRCs enclosed; (Craighead, Kansas)

VOA, Poro sent usual card from Washington for 9605/9615 kc/s. V/S: Diane M. Schott. Duration: 6 days (Hagerman, Michigan; Weber, Ohio)

POLAND: Radio Warsaw w/card, letter, info on stamp collecting. 27 days with 4 IRCs (Cohen)

PORTUGAL: Radio Free Europe, 9705 kc/s sent card, schedule and booklet on RFE in 1 month, specifying Portugal as tx location (Wood, Hawaii)

PORTUGAL: Lisbon sent colorful card with ship scene for 9740 kc/s, 9680, 6025, 11935, 15125, 21495 kc/s. Also rpt forms, info on DX Club and sked. 5-6 wks. (Padula, S. Kamp, Mitchell, Holbrook, Kane)

ROMANIA: Bucharest, 11940 kc/s sending card showing the Endless Column, sked, rpt forms, etc. Full details; averages 2 mos (Ehn, Weber, Holbrook, Mitchell, Zobot)

R.S.F.R. (Asiatic) Petropavlovsk, 15140/15180/17880 sent cards, p/p/cards airmail in 50 days. No IRCs; rec'd a total of 14 cards for these outlets! (Mayo, Maine)

R.S.F.R. (European) Moscow sends cards, sked, p/cards, transcript of program etc; V/S: Mrs. Eugenia Stepanova; no IRCs sent (Semenech, Weber, Holbrook, Zobot)

Leningrad, 11700 w/card in 1 month via Moscow (Craighead, Kansas)

RWANDA: DW relay, Kigali with card, "Hallo Friends" and technical info for 17765 kc/s. No IRCs and reply was via Köln, GFR in 3 weeks (Hagerman, Wraz, Kane)

RYUKYU IS: VOA, Okinawa, 7165 kc/s sent usual card surface mail in 4 days. Same V/S as Foro; 4 days (Jacobson, Wisconsin)

VUNC, 13830 kc/s sent card airmail in 2 weeks (Wood, Hawaii)

SAUDI ARABIA: Jeddah, 15150 sent folder card in English in 23 days airmail. V/S: Werner Storg, C.L. No time given; IRCs sent (Mayo, Maine; Perry, Illinois)

SENEGAL: Radio Sénégal, Dakar, 4890/9720/15115 kc/s w/card in  $\frac{1}{2}$ -1 month seamail. Full QSL data (Mrs. Ehn, Massachusetts; Wood, Hawaii; Green, Virginia)

SOUTH AFRICA: Radio Safari, 5985 kc/s sent card seamail in 40 days. Full details. V/S: Richard Ginbey (Ehn, Mass; Gaharan, La.) Xmsn via Lisbon (GAC)

Radio RSA, 6075/11900/21535 kc/s w/card, sked by 2nd class airmail in 5 weeks. Card is mass of colors; very attractive (D'Angelo, Zaharek, Cohen, Holbrook, Weber)

SPAIN: Radio Nacional de España, Madrid, 9760 sent letter and tourist lit. in English airmail. V/S: E. Pascual Souto. Full info; 3-6 weeks (Field, Mitchell, Kane)

SWAN ISLAND: Radio Americas sent complete card, pennant and very friendly letter stating 'Your QSL request regarding our 6 Mc/s broadcast was indeed one of the 1st we've rec'd since returning to this frequency'. Reported airmail; rec'd surface mail. V/S: F. R. Collamore, station manager. Rec'd in 11 days (Allen, S. C.)

SWEDEN: Sveriges Radio, Stockholm sending card, sked, tourist brochures and SCDX issues in up to 2 weeks airmail (Wood, Zamora, Zobot, Weber, Mayo, Holbrook, Gaharan, Goldman)

SWITZERLAND: SBC, Berne, 9535/11715 kc/s w/interesting card showing spherical balloons against the Swiss Alps; full details and signed by Heidi Schweier;  $3\frac{1}{2}$ -6 weeks. IRCs are not required (Anthony, S. Kamp, Holbrook)

TAHITI: O.R.T.F., Papeeté, 6135 kc/s sent card featuring mermaid; full details (mermaid too hi) averaging 3 weeks by airmail. IRCs sent (Perry, M. Kamp, Chicoine, P. Q.)

TAIWAN: Radio Liberty, 17780 kc/s w/card specifying Taiwan as tx location; full data via Munich, GFR in 1 month (Wood, Hawaii)

VOFC, Taipei, 7130/17720/ w/card, sked airmail in anywhere up to 6 months.

Full details on QSL; IRCs not required, but appreciated (Jamison, Field, Kane)

THAILAND: Bangkok sent colorful map card showing call-sign from the Chief of the Overseas Broadcasting Division. Averages 10 weeks; IRCs appreciated (Field, Craighead, Holbrook, M. Kamp)

TURKEY: Radio Ankara, 15160 kc/s sent card, sked averaging 6-7 weeks. Both sea and air replies have been noted; no pattern observed; (D'Angelo; Billingsley; Macken; Mitchell; Green; Kane and Deal, Nebraska)

U.A.R. Cairo, 9475/11965/17690 kc/s sent card, sked and pamphlets on UAR's foreign policy. Generally by airmail, duration is 1 month (Ehn, McClain, Macken, Weber, Zobot)

UNITED NATIONS: UN Radio; NYC, 6125 kc/s sent card and sked in 5 days via 1st class mail No IRCs (Goldman, New York)

U.S.A. WNYW, 11805/17845 kc/s sent card via 1st class surface mail in 2-5 days. No IRCs (Goldman, New York; Weber, Ohio)

U.S.A. AFRTS, 15350 kc/s sent card, sked surface mail in 6 days. No IRCs (Mrs. Ehn, Mass KGEI, San Francisco, 15240 kc/s w/post card surface mail in approx 3 weeks.

Full details; no IRCs (McClain, California; Zaharek, Conn; Mitchell, Mich; Wood, Hawaii)

UKRAINE S.S.R. Radio Kiev, 11900 kc/s replied sending card airmail in 3 months. Full details; IRCs sent (Mitchell, Michigan; Weber, Ohio)

URUGUAY: Radio Carve, 6156 kc/s sent letter and pennant in 4 weeks. V/S: is Ana Lía Barrios. By airmail (Wood, Hawaii)

UZBEK S.S.R. Tashkent, sent typical card via Moscow from Mrs. E. Stepanova by airmail in 6 months after 2 f/ups. This came after her reported refusal to confirm further regionals (Shaw, California) Odd you had to send f/ups, Ed. Tashkent generally quite friendly direct (GAC)

VATICAN CITY: Radio Vaticana, 9690/11760 kc/s sending card, sked in 2 months airmail. Cards usually show views of the Vatican, or the station. IRCs not required. Card is written in Latin (D'Angelo, N.Y; Padula, Australia; Mitchell, Michigan; Holbrook, Maryland; Zamora, Texas; Zobot, North Carolina)

VENEZUELA: radio Barquismeto, 4990 kc/s sent card written in spanish by airmail in 3 weeks. Card gives date and frequency only; (Zobot, N.C., Fappas, Ill; Hagerman; Mraz) radio Docono, 5010 kc/s sent letter, 3 post cards, mint stamps; V/S: Evert Graaf Hernandez, Director. Came via registered airmail in 2 weeks after 4th try. (Dexter, Wisconsin) FB Gerry (GAC)

Radio Frontera, 4760 kc/s sending form letter and a fabulous fringed pennant in  $3\frac{1}{2}$ -4 weeks airmail; also decal-transfer sometimes sent. V/S: Rodrige A. Carvajl M., Director. (Dexter, Wisconsin; Padula, Australia)

Radio Miranda, 11770 kc/s sent letter in 6 weeks via airmail signed by Ramon R. Anaeza A., Director de Programacion (Dexter, Wisconsin)

Radio Iiongas, YVRA, 3325 kc/s returned my prepared card in 16 days after f/up was sent. Power shown as 5 kW (Holbrook, Maryland)

Radio Sucre, 4960 kc/s replied by card airmail in 6 wks. V/S: F. J. Morales Fineda. 1-IRC sent; came airmail (Graham, New York)

Radio Yaracuy, San Felipe, YVPA, 4940 kc/s sent card modelled on those of Radio Universo and Radio Barquismeto; V/S: Juan Neptali Silva, Director. Card indicates they are part of the "Amisora de la Cadena Venezolana de Radiodifusion". Address is given as 5a. Avenida Frente Al Parque Junin, San Felipe. Sent by registered airmail in Spanish. Average time is 7 months (Mickle, California; Hirst, Texas; S. Kamp, Texas; Wood, Hawaii)

VIETNAM (NORTH): Hanoi sent letter, sked and p/card airmail in 2 months direct.  $1\frac{1}{2}$  months in coming from date posted, altho' airmail!! Propaganda packet also received by seamail. For 11760 kc/s (Calkin, N. B.) Similar replies also via Peking, Moscow and even Havana taking up to  $\frac{1}{2}$  year (Shaw, Calif; Graham, NY; Thornton, Cal; Craighead, Kansas; Bywater, Kentucky)

VIETNAM (SOUTH): Saigon, 7245/9755 kc/s w/card w/sked containing full details in up to 7 months, generally seamail (Mickle, Calif; Matthews, Pa; Billingsley, Cal; Graham, NY)

WINDWARD ISLANDS: WIBS, Grenada, 3280/11970/21690 kc/s sending large greencard containing sked ; full info on card; generally by seamail and f/ups often required, particularly for the lower frequencies! (Janicek, N.J., Wallin, Iowa; Trigilio, Conn; Ferry, Illinois; Treat, Connecticut; Zaharek, Connecticut; M. Kamp, Texas)

YUGOSLAVIA: Radio Belgrade, 7200/11735 kc/s sent 2 cards (folder-type), letter and sked airmail in 5 weeks. No IRCs required, but reply has appeared to arrive quicker if they're sent (M. Kamp, Texas; Billingsley, California)

ZAMBIA: Zambia Being Services, 3295 kc/s sends card airmail in 2 months; IRCs are helpful (Jamison, Virginia; Craighead, Kansas)

RADIO MOSCOW REGIONAL

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To many DXers the above card is a very familiar one, for it is the card currently being sent to confirm reception of Russian regional stations, via Moscow. Potentially available for any of 16 republics, the above card confirms on its reverse Tbilisi; and gives date, time and frequency. The signer for this service is Mrs. Eugenia Stepanova, of the North American Department. It therefore helps to send a report on a North American transmission when requesting confirmation of Tbilisi or any other Soviet xmtr.

SCOREBOARD NEXT MONTH



Next month QSL Rpt will again feature Scoreboard, a 1-monthly listing of active members and their heard-verified totals. Of course, we want as many of our members listed as possible, so why not take a moment now and figure out your totals, including also name and frequency of your best QSL. Until next month then, a Happy New Year and best 73s,  
 GREGG



# LOG REPORT

DEL HIRST, EDITOR  
202 BIRCH STREET  
SNYDER, TEXAS 79549

Deadline 15th of Month

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All Times GMT

- 25950 USA 1630 ID, VOA/Greenville, after lang pgm (Mayo) New freq to Eur.(Ed.)
- 25880 MOROCCO 1601, VOA/Tangier in Eng, w/xmtr loc. given at s/off (Jeeves)
- 25790 S. AFRICA 1800-1855, R. RSA, new freq, Eng to E. Afr; //21535, both like local (Williams) measured 25789.196; 1500 s/off after lang pgm (Mayo) 1850 new s/off time (Rowell)
- 25750 ENGLAND 1000, BBC Asian Ser., at Midnight Hawaiian time (Wood)
- 25720 ENGLAND 1000, BBC World Ser., at Hawaiian Midnight (Wood) To Australia (Ed.)
- 25650 ENGLAND 1000, BBC World Ser., local Midnight here (Wood) To ME & E. Afr. (Ed.)
- 21740 AUSTRALIA 0300-0400, R. Australia hrd w/Eng to SEA//21540; 17870 (Balbi)Test to S. Asia, 0500-0600 s/off (Wood) 0140 ann. test; stronger than //21540. Darwin? (Hauser)
- 21735 PORTUGAL 0800 RFE s/on Hungarian, new freq, to 1715; xmtr Lisbon 11(Padula)
- 21730 NORWAY 1433, LLQ, Eng address, then s/off (Hagerman) 1700 ann. Afr Ser, then - into lang & Eng ID (Mayo) End Eng. news 1605 (Poullis)
- 21720 GHANA 1500, Accra w/Eng, mixed w/RFE co-channel; //21545 (Padula)
- 21680 AUSTRALIA 0110, R. Australia in Eng. (Green)
- 21680 PORTUGAL 1600, another RFE new freq w/Bulgarian; Lisbon 9 xmtr (Padula)
- 21620 FRANCE 1500, ORTF s/on Fr. (Cohen) To SE Afr. (Ed.)
- 21610 INDIA 1000 Eng nx; AIR in move from 21615; strong (Padula)
- 21585 EGYPT/UAR 2015, Cairo w/Eng nx; with "Voice of Arabs" pgm (Padula)
- 21585 E. GERMANY 1045 RBI s/on Swahili, 1130 Fr; Kabul not here 1100-1200 (Padula)
- 21585 SWEDEN 1430, close w/Eng nx (Poullis) 1400 to ECNA (Cohen)
- 21580 FRANCE 1300, ORTF Paris w/Eng nx, relayed by Brazzaville on 21500 (Wood)
- 21560 MOROCCO 1600, VOA/Tangier hrd w/spec. Arab. xmission on Fri. (Padula)
- 21560 ITALY 1430, RAI in Italian; unsked here, but positive ID (Hagerman)
- 21540 ENGLAND 1015 BBC w/E x R in Italian, new frequency (Padula)
- 21535 S. AFRICA 1807 w/nx better than NA Ser.(Poullis)To N. Afr.(Ed.) To W. Afr. 1900-1950 in Fr.//17805; new s/off time (Rowell)
- 21530 VATICAN 1530, Vatican R. w/Eng for India to 1545, new freq (Padula)Also 1645 (Balbi)
- 21525 USA 1815, WNYW w/Eng, new freq(Padula) Sked 1600-1830 Eur; to 2200 Afr; 1900-2200 the Americas. Down from 21530 prob. to avoid R. RSA (Ed.)
- 21500 CONGO REP. 1300 Brazzaville relay ORTF Eng nx; difficulty w/Lisbon 21495 & USSR 21505, but can be hrd.(Padula)
- 21500 S. AFRICA 1900, R. RSA to UK and Ireland, to 1955 (Procaccini)
- 21495 PORTUGAL 1825, tuning, Em. Mac. in Eng xmission (Nblack)
- 21485 VATICAN 1130-1145 Eng to ANZ, move from 21560; good (Padula)
- 21480 HOLLAND 1555 IDs, into Sp. to SA, Tues/Fri. only (Padula)
- 21465 USA 1600, WNYW in Eng, new freq (Padula) To 1900 to the Americas (Ld.)
- 21455 MOROCCO 1440, VOA/Tangier to 1500 in Eng. (Jeeves)
- 18001A SWAN IS. 2157, R. Americas, 3 x 6000+ ID as "La Voz de la Verdad para todo el continente", gave only Caracas addr.; chime IS. Fund.not audible, QRM (Hauser)
- 17910 GHANA 1500, GBS w/Eng nx //21545, hrd. reg. (Balbi)
- 17900 CHINA 0100, Peking new and unlisted; move from unlisted 17905(Williams)

- 17897 CHINA 0230, R. Peking, local like lvl, usual brainwash(Niblack) 17900.5, Eng 0152, off frequency (Hauser)
- 17855 W. PAKISTAN 0900, Karachi strong w/Eng nx (Padula)
- 17840 AUSTRALIA 0100, R. Australia in Eng. (Green)
- 17835 W. PAKISTAN 0310, Karachi w/Urdu ID (Wood) 0230 in lang w/lots mx, talks; ID "Radio Pakistan, Karachi" (Mochizuki)
- 17825 JAPAN 2345, R. Japan s/on Eng.(Green) (Baines)
- 17820 AUSTRALIA 0330, R. Australia, Eng. ID (Green)
- 17810 PHILIPPINES 0100-0200, FEBC, Eng. rel, nx, sports, weak; 10 Kw. listed(Williams)
- 17805 S. AFRICA 2124, R. RSA w/"S. Afr. Hit Parade" in Eng.(Hagerman) To Angola in Port. 2000-2050, //15360 (Rowell)
- 17790 S. AFRICA 1800, R. RSA repl. 21820 w/Fr; 1900 Eng to Eur.//21500 (Balbi)
- 17785 JAPAN 2200, R. Japan, Gen Ser., Eng nx; strong(Walsh)Gen. Ser. 2300 (Green)
- 17775 USSR 0320, Yerevan, w/Eng (Williams) V. of Armenia, Armenian 0300 (Green)
- 17765 RWANDA 1730, D-W, Kigali relay, Eng ID (Green)
- 17705 INDIA 0400, A.I.R., Delhi w/Indian songs (Wood)
- 17505 CHINA China Press Agency was sta. reported last time, not CPBS(Hauser) Pardon my Chinese; please supply Eng. equivalents in future (Ed.)
- 16038A N. KOREA 2316, in Sp. w/ID, Pyongyang on & off rapidly variable for a short while; maybe xatr malfunction; RATT QRM (Hauser)
- 15445 BRAZIL 0246, R. Pac., Brasilia, local mx, many IDs (Poulis)
- 15445 LIBERIA 1700, VOA/Monrovia, Eng to Afr; now clear since WNYW vacated 19 M. at this time (Williams)
- 15440 PHILIPPINES 0100, FEBC, Manila to India in lang to 0415; ID Eng every 15 min. (Balbi)
- 15435 MALAYSIA 0000, BBC FE Relay, s/on US, then E x R, 0045 s/off, fair (Walsh)
- 15430 S. KOREA 0200, VOFK, Seoul, LA Ser. in peculiar Sp; Korean 0230 (Wood) Hrd early as 0210 in Sp; Eng now 1hr., 0300-0400(Niblack) 2250-2320 lang, reg hrd(Balbi)
- 15428 S. KOREA 0300-0400, VOFK, Seoul in Eng.(Rowell)
- 15425 AUSTRALIA 0030, VLX15, Perth, W. Austr.; ABC nx 0100. (Balbi)
- 15385 CHINA 0200, Peking, Sp. to LA, new freq (Wood)
- 15385 PHILIPPINES 2330, FEBC s/on Eng nx, s/off Eng. 0030; DZF3 (Balbi) Hrd. 2338, 12/8, (Jamison)
- 15380 RWANDA 2325, Deutsche Welle Relay, Kigali, s/off in Ger., vv strong(Walsh) Ger., 2029-2032 (Jeeves)
- 15370 USA 2200, WNYW in Sp., blocking R. Tupi (Padula)
- 15360 LIBERIA 1630, VOA/Monrovia, Eng w/talks and pops (Mochizuki)
- 15350 LUXEMBOURG (Tent.) 1730, Fr. YL w/pop mx; 1800 nx, weak; sounds like U.S. sta. (Shaw)
- 15340 HOLLAND 2030, new freq. for Happy Station pgm in Sp. (Padula)
- 15334 PAKISTAN 0200, R. Pakistan, Karachi, Eng nx (Wood)
- 15320 ETHIOPIA 1515, ETLF s/on strg. in lang to Madagascar (Balbi)
- 15310 GUINEA 0610, Conakry w/Afr. mx, Fr. lang; QSB severe (Hirst)
- 15300 JAPAN 0215, R. Japan, NHK, ending Eng nx then Jap. (Poulis)
- 15295 MOZAMBIQUE 1730-2000, Lourenço Marques in Portuguese (Rowell)
- 15295 USA 2250, AFRTS, Glenn Hauser of KOB w/Home Town Nx of N.M., 12/5 (Rowell)
- 15255 NIGERIA 2200, V. of Nigeria w/Eng nx; //11900 (Padula) Arabic to 1700, then Eng nx(Hirst) Eng 1700-1730 (Mochizuki) 2145 Eng. (Walsh)
- 15245 CONGO DEM REP. 1500, Kinshasa weak in Fr. (Balbi)
- 15235 JAPAN 0211, NHK w/sports scores (Poulis)
- 15225 BRAZIL 0251, ZYN30, s/off, full ID my H; excel. lvl w/semi-class. mx. Mostly absent, must be irr. sked; strong lvl when hrd.(Niblack)
- 15220 S. AFRICA 0130, R. RSA in Canadian beam, delete 9705; also open 0430 Eng. to ME (Niblack) 0100 ID (Mayo) 0033, Barry Goldwater on nx pgm, on visit(Rowell)
- 15180 LEBANON 2005-2330 Beirut w/new freq, may be coaxed out from under BBC; in Fr. w/variety pgm (Niblack)
- 15165 INDIA 1025, A.I.R., Delhi, Indian mx (Wood)

- 15155 SYRIA 1618, Damascus w/Eng, nx 1630, abrupt off or smothered 1708A (Poulis)  
 15155 LIBERIA 2000, ELWA in Fr., 2200 Portuguese (Cohen)  
 -15150 SAUDI ARABIA 1840A, Jeddah w/20 min. Eng. lesson every Wed. (Poulis)  
 15145 BRAZIL 2031, R. Jornal, Recife, Port. (Hageman)  
 15140 ASCENSION IS. 0215, ID BBC Atlantic Relay, Eng w/Wor. Ser. (Mochizuki) QRM'd out most nites by R. Moscow LA Ser. (Hirst) 0130 ID (Walsh)  
 15140 USSR (As.) 0030, Petropavlovsk s/on R. Moscow LA ser in Sp; //15180, equal strngth. or covering Ascension Is. on both freq, also beamed to LA; could this be coincidence? Clears 15140 at 0300, but continues on 15180 (Hirst)  
 15135 JAPAN 0228, NHK w/musical fairy tale; QRM Ascension Is. 15140 (Poulis) 0045 s/off Eng; ann. s/on as 0015 (Mayo)  
 15135 VATICAN 1710-1725, Vatican R., Eng to Afr. (Williams) Rel. nx 1711 (Mochizuki)  
 15130 HAWAII 2000, VOA/Honolulu, concluding reg. test (Wood) 1900-2000, tone and Eng. anmts. (Mochizuki)  
 - 15130 S. KOREA 0630, VOFK, Seoul, Eng to Eur, now here, from 15430V (Wood) Hrd on 15132, 0615 (Mochizuki)  
 - 15125 TAIWAN 0216, VOFC ID in Eng (Poulis) Nx 0130 (Rasin)  
 15125 INDIA 0730, A.I.R., Delhi, Afghan. ser. in Persian/Pushtu mixture (Wood)  
 15120 NIGERIA 1830, Lagos w/Eng nx SIMPO 34333 (Mayo)  
 - 15115 SENEGAL 2014, Dakar w/Fr. talk (Hageman) Good to 2330, blocked by Peking; 100 Kw. acc. to WITH GS (Padula) Fr. nx 1900 (Wood) 2215 ID in Fr. (Cohen)  
 15105 GRENADA 2030, WBS back here w/req. pgm, blocked by Japan 2100 (Padula)  
 15100 GRENADA 2230, WBS Eng nx, s/off 2245, 12/5 (Balbi)  
 15095 CHINA 0330, Peking to WCNA, first time hrd (Cohen)  
 15090 EGYPT/UAR 1615 V. of Arabs in Arabic, good sig. (Mayo)  
 15060 CHINA 0000 R. Peking w/nx, SIMPO 43333 (Goodman) W/Eng 0000 (Baines) Usual talk weak sig. (Mayo) 0030 w/Maoist philosophy (Wise)  
 15050 EGYPT/UAR 1400, Cairo w/new freq, Arabic; also 1530 (Balbi)  
 15023 N. VIETNAM 0930, Hanoi w/Viet talk (Wood)  
 12005 AUSTRALIA 0700, VNG, time sig. sta, Eng. ID on the hr. (Mochizuki)  
 11970 GRENADA 0215, WBS, St. Georges, s/off w/prayer, after Eng. pgm (Mochizuki)  
 11965 INDIA 2300, AIR, Eng w/typical Indian mx and talks (Mochizuki)  
 11950 LIBERIA 0600, ELWA, Monrovia s/on Eng w/nx, mx and rel. (Mochizuki)  
 11946 CHINA 0450, Peking, Eng., strong het and distorted; D-F (Hirst)  
 11945 CHINA 0100-0300, Peking w/Eng to ECNA //15060, 17900, 17680. To WCNA 0300-0500 w/Eng //15095, 15060, 17680. (Balbi)  
 11943 CHINA 0100, Peking, NA ser now back here, drifting (Wood)  
 11940 SINGAPORE 1000, R. Singapura, Eng ser., variety show (Wood)  
 11925 ENGLAND 1314, BBC-Eur. s/off, after WS nx (Jeeves)  
 - 11920 PHILIPPINES 1145, FEBC, Manila, Eng ser to ANZ (Wood)  
 - 11910 THAILAND 1025, NBS, Bangkok, s/on in Eng/Thai (Wood) 1025, "This is O'seas Ser. of R. Thailand" (Mochizuki)  
 - 11910 INDIA 0230, AIR, w/nx in Eng (Mochizuki)  
 11900 MALAYSIA 0730-0800 V. of Malaysia, Kuala Lumpur, Eng w/talks & mx (Mochizuki)  
 11900 S. AFRICA 1644, R. RSA in Eng (Nblack) To Rhodesia/Zambia/Malawi (Ed.)  
 11890 CYPRUS 2245 ID BBC E. Med. Relay, into Vietnamese to 2300 then Eng. (Padula)  
 11890 ETHIOPIA 0600-0630 ETLF, V. of Gospel, Eng, incl. Bible excerpts (Balbi)  
 11890 PHILIPPINES 0830, FEBC, Manila, "Back to Bible" (Wood)  
 11875 S. AFRICA 0103, R. RSA DX Corner Eng; feature ISWLC, 12/1 (Michalenka)  
 11866 CONGO DEM REP. 1855, Lubumbashi in Fr. to 2000, fair (Rowell)  
 11865 ASCENSION IS. 0300-0425 s/off, BBC Relay, Wor. Ser. (Walsh) QRM lately (Hirst)  
 11865 CUBA 1800, Havana s/on Arabic, 12/3, unlisted (Shaw) FBIS lists as alternate freq. (Ed.)  
 11865 CONGO DEM REP. 1800, w/YL in Fr., nat. rhythms, QRM, 12/3 (Shaw) QRM also? (Ed.)  
 11860 NORWAY 2200, R. Norway begin Eng xasn w/nx, hvy QRM (Poulis) Sun. (Ed.)  
 11855 PHILIPPINES 0915, FEBC w/nx, comment, and rel., Eng. (Mochizuki)  
 11855 SAUDI ARABIA 2230 Arabic pgm; fair (Walsh) 1850, Jeddah in Arabic (Rowell)

- 11850 NORWAY 2308, R. Norway w/Eng sta. address (Poulis)  
 11845 FRANCE 0615-0630, ORTF in Fr., strong (Rowell)  
 11840 AUSTRALIA 1800 R. Austr. Eng nx to Pac., to 1900; fair to good (Balbi)  
 -11840 N. VIETNAM 1530, Hanoi, Eng nx, from 11753, //9760, later QRMd (Balbi)  
 -11835 CEYLON 1600, VOA/Colombo, Eng ID into lang (Mochizuki)  
 11835 HAITI 0349, 4VEH ending Eng w/5 min s/off under VOA open carrier; ann//9770, 6120, 2450 (Poulis) 1331-1403 s/off, Eng (Jeeves)  
 -11825 TAHITI 0430-0530, Fr./Tahitian, clear w/South Seas mx (Williams) IS & s/on Fr (Jamison)  
 -11820 MOZAMBIQUE 0425, L. Marques w/"A" pgm; distinctive IS, into Port. 0430, full ID, gongs, pops. I like that IS, hrd down through the years (Niblack)  
 11810 AUSTRALIA 2100, R. Australia, ID Eng (Green)Target? (Ed.)  
 11810 JORDAN 0740, Amman end Arabic nx, into Arabic mx; very weak (Hirst)  
 11805 BRAZIL 0900, R. Globo w/local nx, Port. (Hagerman)  
 11805 FRANCE 1915-1930, ORTF, new freq//15245; Brazzaville relay 15190 (Balbi)  
 11802.5 CHILE 0100, R. Soc. Nac. Agricultura w/"football" game. (Hrd w/1.5 kc. bandwidth when Canary Is. 11800, not playing mx) (Peters)  
 -11800 CEYLON 1140, R. Ceylon, Colombo, film songs (Wood)  
 11800 CZECH VAKIA 0700 Prague w/new freq for Eng to ANZ, to 0800; //9575 (Padula)  
 11795 BRAZIL 0100, R. Nacional, Rio, Port. nx (Wood)  
 -11790 N. VIETNAM 1530, The Voice of Vietnam, news, 11/26 (Rasin)  
 11785 LEBANON 0204, Beirut, Arab. mx by YL, lousy sig. (Poulis)  
 11785 S. AFRICA 2230, R. RSA s/on Port. (Padula) To Portugal, sked //15245 (Ed.)  
 11780 ENGLAND 0300-0330, "BBC-Europe", Eng Ser., good dly. (Williams)  
 11780 NETH. ANTILLES 0030, T.R. Bonaire w/Greek, 0100 Russ; rel pgm (Balbi) 0145 LA ser. in Sp. (Wood)  
 -11780 N. ZEALAND 0600 w/Eng, good (Williams) Nx at 0703 (Poulis)  
 11780 MOZAMBIQUE 0330-0430, R. Clube Moçambique w/Afrikaans, clear (Williams) 11778 Eng/Afr. 0430 (Green)  
 11775 INDIA 2000, A.I.R., Delhi, w/Eng nx //9690 (Wood)  
 11765 EGYPT/UAR 0400 Cairo at brilliant lvl in Arabic on new freq (Niblack)  
 11762 N. KOREA 0030, Pyongyang w/Korean talk for LA (Wood)  
 11755 ARGENTINA 2010, R. El Mundo, B. Aires w/pops (Wood)  
 11740 MEXICO 2200, R. XEMP, Estacion de su agrado en el Distrito Federal (Schnabel)  
 11740 VATICAN 1815-1830, Vatican R. in Eng (Rowell)  
 11735 S. AFRICA 0610 Radio S. Africa (HS) with wx rpt for Transvaal, new freq. (Niblack) S:BC Eng to Afr, 0600 Eng nx (Balbi)  
 ✓ 11731 IRAN 2000, Teheran, Eng. ID and pgm (Wood)  
 ✓ 11730 IRAN 1730, R. Iran to Eur., until 2130; QRM R. Nederland (Rowell)  
 11725 TAIWAN 0800, BCC, Taipei, home ser. relay in Chinese (Wood)  
 11715 INDIA 0800, A.I.R., Delhi, national nx in Eng (Wood)  
 11710 ARGENTINA 2345, LRA B. Aires, w/Eng and c/down, Mon-Fri (Niblack)  
 11710 INDIA 0230, A.I.R., Delhi, nat'l. nx in Eng (Wood)  
 11709 SPAIN 0457, R.N.E., Madrid, s/off after LA Ser. (Wood)  
 11705 SWEDEN 0330 Eng nx; 0342 Sweden Calling DXers Bulletin 941, 11/22 (Mayo)  
 11700 VATICAN 1600, Vatican R. on new freq in Eng, powerful, 12/5 (Sparks)  
 11665 EGYPT/UAR 2300 Cairo vy. strong, IDs in Arabic, new freq (Niblack)  
 11655 EGYPT/UAR 2040, Cairo strong w/Arabic (Padula)  
 11600 CHINA 2343, R. Peking potent in lingo w/ID; also Eng 1300 (Niblack)  
 11590 CHINA 1030, Peking w/Indonesian (Padula)  
 11330 CHINA Powerful, w/Chinese songs; //11290 (Padula) Prob. about 1100 also (Ed.)  
 11110 CHINA 1100, another outlet w/nat. singing (Padula)  
 10530 KAZAKH SSR 1030, Alma Ata, Kazakhstan s/Russ. at good lvl (Padula)  
 10244 CHINA (Tent.) 1050, prob. Peking w/Chin. singing (Padula) 10260 listed?(Ed.)  
 9964 CHINA 1100, Peking strong w/Korean pgm (Padula)  
 9840 AZERBAIJAN SSR 1730, Baku, relay Mayak (Wood)  
 9770 AUSTRIA 2350, Vienna requesting reports (Schnabel)

N.S.W. - FRENCH

SHORTWAVE CENTER

JANUARY 1968

- 50 GHANA 2040, Accra, W. reading letters in Eng, requests; Afr. mx, strong, 12/1 (Hirst)
- 9760 N. VIETNAM 1300, R. Hanoi w/Eng, ID & interview(Hagerman) Hrd for 1st. time, Negro folk-singing and talk, violently anti-U.S.; s/off 1328 (Hirst)
- 9745 MALI 0600, R'dif. du Mali s/on; QRM'd after 0615. Rough here (Glover)
- 9740 ENGLAND 0200, VOA/Wooferton, w/Eng ID and Eng pgm(Wood) To Eur. & ME (Ed.)
- 9730 TURKEY (Tent.) 0700, presumed "Bezim Radio" w/Turk. talk, jammed by 0730 from 9725;(noted in o'seas club bulletin, so presume this is the one)(Padula)
- 9714 ALBANIA 0200, Tirana, "Ju flet Tiranë" (Wood)
- 9705 INDIA 0200, A.I.R., Delhi, nx in non-Hindi lang (Wood)
- 9695 CAMBODIA 1330-1400, R. Dif. Nat'l. Khmere w/nx in Viet., nat. mx, & Laotian nx; weak, but in clear, 11/25 (Shaw)
- 9690 INDIA 2000, A.I.R., Delhi, w/Eng nx (Wood)
- 9690 VATICAN 0045, Vatican R. in Eng. (Baines)
- 9690 CHILE 0200, Radios la Cooperativa, w/nx, ads 0205; freq change from 9700. New call too?=CE969 (Hauser) ID does not match listed sta. fro 9700; noted since 11/18 (Niblack)
- 9690 ENGLAND 0400, BC Eur. Ser., now "BBC Europe", in Eng. (Wood)
- 9685 ALGERIA 0645 very strong w/Mabyl mx; 0730 talk in Mabyl(?) then Fr., 11/26(Hirst)
- 9685 TAIWAN 0740-0810 VOFC in Japanese //7130 (Balbi)
- 9685 ARGENTINA 0355, R. Nacional, in Sp. (Rowell)
- 9682 ARGENTINA 0255 LRA, B. Aires w/Eng comment. Move from 9690 (Niblack)
- 9680 PORTUGAL 0358 R. Portugal DX Club of the Air to 0417, 11/21; QRM'd 11/14(Mayo)
- 9655 POLAND 0315, R. Warsaw w/IS, then Eng talk on mining; new NA ser (Foulis) To 0345, Sat. GMT; now repl. by 7205, acc. to letter from Warsaw, not hrd (Cohen)
- 9655 PERU 1121-1200, R. Nor Peruana, usual Andean mx. ID 1128 & 1158 w/classical theme, 11/25 (Graham) New sta? (Ed.)
- 9652 PERU 0303, R. Nacional, Lima, s/off Mon. morn. w/anthem (Wood)
- 9650 E. GERMANY 0330, RFI w/new time Eng to MCNA; //9560 (Rowell)
- 9650 GUINEA (REF.) Tentative, Conakry, 2130-2330 QRM out by VOA; Afr/mx, drums; Fr. 2215-2222A, H. talk; too weak to ID (M. Kamp)
- 9645 VATICAN 1500 Vatican R. Eng. nx //15120 (Balbi)
- 9640 S. KOREA 1035, VOFK, Eng nx; weak but clear (Hagerman) Eng ID 2100 (Wood)
- 9630 CZECH'KIA 2.30, Prague opening to Brazil in Port., new freq (Niblack)
- 9625 CANADA CBC, 1235 w/RCSWC "CBC Intnat'l. Ser. will be going off soon-send letters/telegrams to Lester Pearson Ottawa, Canada" (Michalenka)
- 9625 ISRAEL 2115-2130, Kol Israel in Eng, fair (Walsh)
- 9622 S. VIETNAM 0800, VTVN, Saigon, traditional Viet mx, het. w/ORTF (Wood)
- 9620 FRANCE 0800, ORTF, Paris, Fr. to Pacific (Wood)
- 9615 PHILIPPINES 1430, VOA/Porc, Eng ID, then Vietnamese (Hagerman)
- 9615 SAUDI ARABIA 0700-0900, new freq in Arabic, strong (Balbi)
- 9610 AUSTRALIA 1032 ID, VLX9, Perth, then jazz (Hagerman) 1200-1240 (Jeeves)
- 9610 CONGO REP. 0515, RTCongolaise, Brazzaville, w/native drums, annts infreq., Fr. new freq (Niblack)
- 9610 NORWAY 0400, R. Norway in Eng Mon. GMT only (Cohen)
- 9600 ASCENSION IS. 0457, BBC relay, open, into World Ser. 0500 (Wood)
- 9600 UZBEK SSR 1200, Tashkent, s/on, fair to poor sig. (Macken)
- 9590A CHILE R. Presidente Balmaceda appears to have moved from 9600, Bonaire has bad het. now; further shakeup in Chilean freq. assignments? (Hauser)
- 9585 FINLAND Pori, 0200 Eng, 0222 Finnish, s/off w/anthem 0300; new freq (Wood)
- 9585 INDONESIA 1100-1200, V. of Indonesia, Eng to NZ //6105, fair (Balbi)
- 9582 SOMALI REP. 1730, Mogadishu w/Eng nx, req. pgm to 1800, good lvl (Padula)
- 9580 USSR Kazan (list) 0200-0300, Radiostantsiya Rodina, in Russ. (Wood)
- 9572 CHILE 0135, R. Diego Portales w/noticias (Peters) Lists 9560, more change(Ed.)
- 9570 AUSTRALIA 1200, R. Austr. nx, Pac/Gen./Asian Ser. QRM VOA (Jeeves)
- 9565 BRAZIL 1900, R. Jornal do Comércio, Recife, futebol (Wood)
- 9560 ETHIOPIA 1755 s/off, ETLF w/Swahili (Padula)

- 9560 JAPAN 1300, R. Japan Gen. Ser. (Walsh)
- 9550 NORWAY 0700, Oslo now using 120 Kw. this channel to ANZ, until 0830 (Padula) 0700, ID in Eng, then Norwegian (Poulis)
- 9549 CHILE 0000, R. Valentin Letelier, R&R mx; songs in Sp. 0030 v. g. IDs (Peters)
- 9546 PHILIPPINES 1730, FEBC s/off w/full ID; call given as DZF5 (Padula)
- 9545 GHANA 2130-2200, R. Ghana, Eur. Ser. in Eng, hrd reg. (Williams) 2130, poor (Cohen)
- 9540 CONGO, DEM. REP. 1900, Lubumbashi, political speech in Fr. (Wood)
- 9530 JORDAN 1800-1830, Hashemite B'casting Ser, Eng, weak & noisy (Williams)
- 9525 CHINA 1900, Peking s/on w/Russ. ser, //9575V (Wood)
- 9520 N. ZEALAND 0600, Eng, weak (Williams) //11780 (Ed.) 0815 "Hx of Maoris" (Hagerman)
- 9520 KUWAIT 1330, all Arabic from t/i, QRM steadily increasing (Dexter)
- 9515 SICILY 0730 Caltanissetta consistent in Italian, long route across Pac. (Padula)
- 9512 ALBANIA 0630-0700, R. Tirana in Eng, strong sig (Rowell)
- 9510 ALBANIA 0530, Tirana w/Sp, Arabic 0600, Eng 0630, solid (Padula)
- 9510 VENEZUELA 1200, R. Barquisimeto, hrd well to 1215 (Cohen)
- 9505 JAPAN 1300, R. Japan in Gen. Ser. (Walsh)
- 9500 E. GERMANY 0100, RBI, Eng to NA; Ger. 0145; best Eur. here (Wood) 0210 Ger. pgm w/IDs; S-9 lvl (Glover) S/off Eng 0315 to ECNA (Rowell) New to ECNA 0100, 0200 (Cohen)
- 9495 EGYPT/UAR 1825, Cairo in Arabic (Rowell)
- 9475 EGYPT/UAR 2200, Cairo w/nx in Eng (Baines) Italian 1730-1800 (Rowell)
- 9009 ISRAEL 2122, 4XB31 w/Eng story from Bible (Hagerman) 1600 Lang, fair (Balbi) Weak in Eng, 2117-2130 s/off (Jeeves)
- 8875 MEXICO 0510, La Voz de Veracruz w/spurious radiation 670 Kc down from listed 9545 where only D-M audible. Frequent sung IDs until 0559 s/off; distortion, as FM. Not on +670 (Hauser)
- 8195 CHINA 0850, People's Liberation Army R. w/fair strngth. All Chinese (Dexter)
- 7345 CZECHOSLOVAKIA 1928, Prague to GB and Ireland, interviews (Poulis) To USA and Canada, 0330-0425 (Procaccini)
- 7325 ENGLAND 1930, BBC ending Greek xmsn w/nx (Poulis)
- 7300 ALBANIA 0300, Tirana w/Eng (Niblack) 0300-0330, new time w/Eng to NA; listed elsewhere 7295 (Williams)
- 7295 ETHIOPIA 0400, RVOG w/Eng rel., s/off 0430 (Cohen)
- 7295 KAZAKH SSR(?) Alma-Ata (listed) 2100 relay Moscow Viet ser. (Wood) Khabarovsk listed '65 FBIS: Novosibirsk '66 WRTN; Krasnoyarsk '67 WRTN (Ed.)
- 7295 MONACO 0830, TWR w/Eng ID "This is Monte-Carlo", s/off (Hagerman 0815 Eng, good volume (Rowell) 0715, w/"DX Spec." pgm, Eng, 11/25 (Sparks) Sat. GMT; wonder if this same pgm on TWR Bonaire (Ed.)
- 7295 CLANDESTINE 1118, R. Libertad in Sp. (Hagerman)
- 7275 INDONESIA 1000 Djakarta ID, s/on, new freq in nat.; 1600 s/off, strong (Balbi)
- 7267 INDONESIA 1030, R.R.I., Djakarta w/requests (Wood)
- 7260 ALBANIA 0630, Tirana w/Eng nx, S-5 (Glover)
- 7260 MONGOLIA 1030, Ulan Bator, Mongolian talk (Wood)
- 7245 AUSTRIA 0600 Vienna opening w/multi-ling. anmts, good lvl (Niblack) 0840 Ger. anmts, mx pgm (Padula) 0635 s/on Ger/Eng IDs (Glover)
- 7220 USSR (As.) 2100, Vladivostok, Russ. talk (Wood)
- 7217 CLANDESTINE 1000, V. of Pop. Mil. Front, full ID; drift from 7216 (Wood)
- 7205 ALBANIA 0630, Tirana w/Indonesian to 0700, fair (Padula)
- 7195 RUMANIA 2257 s/off, R. Bucharest in Eng, strong (Michalenka) 2258 s/off Eng on DX talk (Poulis)
- 7190 AUSTRALIA 0435 R. Australia w/Eng nx (Mayo) 1030-1100 Eng to Mid-Pac., 10 Kw. list (Williams)
- 7180 IRAQ R. Baghdad 0330 (Green) Dly feature; good str. but CW/QRM 0330 (Shaw)
- 7165 LIBYA 0515, Arabic pgm, 0518 man sings ethnic Arabic, 0524 IDs "Houna al idaa Allibiya.." (Schnabel)

- 50 ANGOLA 2225 R. Comercial, robust lvl (peaking 500 MW) many U.S. pops, annts by H. (Niblack)
- 7140 INDONESIA 0815, Ambon, early, w/pops and ID, powerful sig. (Sparks)
- 7140 JAPAN 1310 tuning, NHK w/IDs by gal in lingo, new freq; covers Ambon (Niblack)
- 7135 MONACO 0700, Monte Carlo w/Fr. variety pgm; //6035 (Padula)
- 7130 USSR (As.) 2100, Krasnoyarsk, Russian announcements (Wood)
- 7130 TAIWAN 1030, BCC w/Dragon Show, Eng. //9685 (Balbi)
- 7120 MALAYSIA BBC PES, Tebrau, relay W. Ser. nx (Wood) Time? Sked 1300-1645 (Ed.)
- 7115 MOROCCO 0700-0830, Sebaa-Aioun w/Home Ser in Arabic (Padula)
- 7100 HUNGARY 2345, R. Budapest w/nx in Eng (Baines) 2200 Hungarian (Padula)
- 7075 EGYPT/U.A.R 0400 Cairo opens w/clock striking, Arabic ID, on new freq (Niblack)
- 6410+ CZECHOSLOVAKIA 0334 Prague measured 6410.727 w/Eng to NA, SINPO 53434, ann. 6090 inaudible. Not image; my IF 454.3575. Hrd 11/25, 11/30, both //7345, hrd (Wayo) 6411A, 0158 IS, 0200 TS, Sp; QRM de ELB (Hauser)
- 6285 N. KOREA 0800, Pyongyang in Korean, Pgm. #2 (Rowell)
- 6280 CHINA 1055, Peking CPBS // 6260 (Wood)
- 6260 CHINA 1055, Peking CPBS, revolutionary choruses (Wood)
- 6250 N. KOREA 1050, Pyongyang, Korean talk (Wood) Korean 0800, Pgm. #1 (Rowell)
- 6245 BULGARIA 2150, R. Sofia, w/Greek xmsn, playing Bulgarian mx (Poulis)
- 6234 HUNGARY 0300, R. Budapest, directed to NA until 0400 (Procaccini)
- 6199 CLANDESTINE 0955, varying s/on, presumed R. Pathet Lao w/pgm prob. Laotian; freq. up to 6205 some nites; a reg. here (Padula) La Voix du Pathet Lao, Lac mx 1315 (Wood)
- 6195 ALBANIA 0230-0300 Eng to NA, new time; not 6180; 7265 to NA discontinued (Williams)
- 6195 ENGLAND 2115, BBC s/on in W. Ser. to ECNA, excel. (Williams)
- 6195 S. KOREA 0900 SW relay of HNKY to abrupt s/off 0955. Rel. pgm, w/hymns on Sun. Reg. (Padula) Korean Christian Assoc. (Ed.) Christian Ec. System, Seoul, Korean nx 0730 (Wood) Christian Radio at 0830 irr. in lang, weak (Balbi)
- 6194 COLOMBIA 1120 s/on, R. Nac. de Colombia, also noted near 6188, varying (Niblack)
- 6191.2 COLOMBIA 2310, RTV Nac., Bogotá, ID by YL, het 6190; unsettled (Hauser)
- 6190 JAPAN 0645, NHK HS relay, low power, w/man in Japanese (Sparks) Unlist WRTH (Ed.)
- 6185 COLOMBIA 0300, R. Tel. Nacional, Bogotá, still drifting; also 6192 (Wood)
- 6185 ETHIOPIA 0429 V. of Ethiopia, Addis Ababa, ID in lang, then their unusual IS; another ID 0430, clean cut, by H; nat. nx, in clear, 'til Lisbon s/on few min. later (Niblack) R. Ethiopia, 0352-0430 in Somali; nx 0400, into Arabic 0430, 12/9 (Graham)
- 6175 MALAYSIA 1115-1130 retiming, in Asian lang; formerly Eng this time (Niblack)
- 6170 PHILIPPINES 0745, P.B.S., Eng pga review, wx rpt, fair (Balbi) Drift to 6165 corrected; Tagalog ad's 0800 (Wood)
- 6160 CANADA 1140, CKZN, St. Johns, Newfoundland, local nx; 300W (Macken)
- 6160 COLOMBIA 0505, R. Nueva Granada, Sp., S-8 (Glover)
- 6160 THAILAND 1350, N.B.S., Bangkok, Thai talks (Wood)
- 6160 S. VIETNAM From 1100, Saigon w/Viet. pgm; listed for 6165 (Padula)
- 6156 URUGUAY 0015, R. Carve, nx in Sp; gave "La Señal" time 0030 & 0045 (Peters)
- 6155 JAPAN 0730, Far East Network (FEN), AFRTS, Tokyo, Eng w/pops, nx, etc. (Mochizuki)
- 6155 S. AFRICA Early as 2210, R. South Afr. (Home Ser) w/comm'l. ser, Eng/Afrikaans; uses bird call, dove cooing; listed 6150, well hrd (Niblack) All-Night Ser, s/off 0300 wkdays, 0400 Sun; back on 6150 now (Hirst) 2320, AN pgm, pop mx (Hauser)
- 6150 S. AFRICA 0100-0300, Springbok R., Eng nx 0245 (Balbi) Springbok R. All-Night Ser., ID "R. South Afr.", now back after excursions to 6145, & 6155 (Wood)
- 6145 NIGERIA 0456 IS, 0500 "V. of Biafra" s/on Eng, outstanding (Wood) Full ID 0500, loud and clear (Schnabel) Eng 0500 (Green) S-7, ann. "V.O.P." (used initials) 0510 before commentary in Eng, and after nx, 11/28 (Hirst)
- 6135 BRAZIL 0800, R. Sociedade Gaúcha, Porto Alegre, s/cn (Wood)
- 6135 TAHITI 0600, R. Tahiti w/Fr. (Green)
- 6130 SPAIN 0110 RNE, Madrid, nx & Sp. mx (Goodman)

- 6120 NICARAGUA 0345 T/I, YNCA, R. Atlantico w/Eng pop mx, format change from year ago (Shaw)
- 6122 W. PAKISTAN 1045, R. Pakistan, Rawalpindi s/on w/Urdu ID (Wood)
- 6115 CONGO REP. 0515, RTC Brazzaville on new freq in Fr., mx (Niblack) 0520, M. talk then Afr. pops, very strong; also 11/28 (Hirst)
- 6110 METH. ANTILLES 0800, TWR, Bonaire, hrd in Port., 12/6; test? (Balbi)
- 6107A SOMALI REP. 0340, strong w/chant, ID, then Somali mx; fast fade/out 0400 (Hirst)
- 6106 SOMALI REP. 0350, R. Mogadiscio in lang, adj. in frequency (Niblack)
- 6105 INDONESIA 1430, V. of Indonesia, Djakarta, Eng to NA to 1530; lang to 1600 //9585 (Balbi)
- 6103 INDONESIA 1130, V. of Indonesia, ID during Eng period, adjustment of freq. from 6110 (Niblack) Arabix 1315; don't confuse w/ogadishu (Wood)
- 6100 USSR (As.) 1230, Vladivostok (list) relay Moscow Eng to SEA, over Kuala Lumpur (Wood)
- 6100 YUGOSLAVIA 2212, Belgrade w/Fr., after Eng, s/off, IS in between (Hagerman)
- 6095 IRAQ 1930, Baghdad in Eng. (Baines)
- 6095 S. AFRICA 0430, R. So. Africa s/on Home Svc. pgm, predated by dove call (Niblack)
- 6094 COLOMBIA 1045 ID La Voz del Centro, drifting (Wood)
- 6085 BRAZIL 0930, R. Jornal do Comércio, local requests (Wood)
- 6085 W. GERMANY 2000, Munich regional, local pgm in Ger., hrd each morning (Padula)
- 6080 ALGERIA 0500, w/Koran chant, strong, also het, 11/28; disturbed over N. Atlantic but great for Africans! (Hirst)
- 6077 HONDURAS 1230, La Voz del Junco, w/Sp; freq IDs; f/o by 1255 (Pyatt)
- 6075 ITALY 0440, home w/nx, Eng to Med. area, so anncd. (Niblack)
- 6070 BULGARIA 1940, R. Sofia, Eng interview w/student (Poulis)
- 6070 THAILAND 1100, N.B.S., Bangkok, s/on w/anthem (Wood)
- 6065 BRAZIL 0230, R. Mac. de Brasilia, ads (Wood)
- 6055 CZECHOSLOVAKIA 0200, Prague anncg Spec. pgm of mx; nothing spec., poss. test (Niblack)
- 6045 MEXICO 0430, R. Universidad, San Luis Potosi, 250W like a bomb, ID and class. mx pgm (Hirst)
- 6045 BRAZIL 0055 R. Clube Paranaense w/Port. sportscast, many IDs, fair (S. Kamp)
- 6040 COLOMBIA 0330, La V. del Tolima, folklore mx (Wood)
- 6025 PORTUGAL 0400, R. Portugal w/R. Safari pgm, DX tips 0406 (Mayo) "...R. Safari pgms over R. Portugal must come to an end..." (Schnabel)
- 6025 MALAYSIA 1050, Kuala Lumpur, w/Chinese songs (Wood)
- 6015 IVORY COAST 2230, Abidjan w/Fr. drama, fantastic sig. (Hagerman)
- 6010 MEXICO 0700, R. Mil, w/nx and songs; singing IDs (eters)
- 6005 USSR (As.) 1900, Sverdlovsk (list) relay Bayak nx (Wood)
- 6003 INDONESIA (Java) 1100-1200, V. of Indonesia, Eng ser; 1116 nx, 12/10 (Graham)
- 6000 AFGHANISTAN 1030, Kabul, Home Ser, Pushtu nx (Wood)
- 6000 BRAZIL 2328, R. Inconfidencia w/"ancy Sinatra song (Hagerman)
- 6000 SWAN ISLAND 0145, R. Américas hrd 11/8 in Sp. w/positive ID (Allen) 6000.2, 0545 IS & ID; Miami addr. given within foll. pgm; (old; Box 352) (Hauser) ID 0145 (Poulis) Dly 0630 (Sparks)
- 5995 COLOMBIA 1050, La Voz del Pueblo, w/Todelar ID; back after drift to 5997 (Wood)
- 5990 SWEDEN 0200 Eng to NA; not good freq, VOA/Greenville 5995 w/500 Kw (Mayo) 0100 in Swedish, 0129 Sp. ID; (Schnabel)
- 5990 USSR (As.) 1055, Irkutsk, Russian play (Wood)
- 5990A HAITI ID 0057 & 0059 "La Voix de la Rev. Duvalieriste" after "Jingle Bells", then Fr. records (S. Kamp)
- 5987 INDONESIA 0930, R.R.I., Menado, s/on w/march (Wood)
- 5980 GUYANA 0930, R. Demerara, Georgetown, Indian mx (Wood)
- 5980 LEBANON 0445, Beirut w/Arabic chants (Wood)
- 5974 BRAZIL 2359, ID for "Guarujá", Port; nx 0000, uninterrupted mx, to 0026 (Hirst)
- 5969.5 PERU 0250, R. El Sol Lima, full ID for network (Wood)
- 5960 USSR (As.) 0800, s/on Soviet FE sta. relaying Moscow Jap. ser. (Wood)
- 5960 ALBANIA 0500 Ger, 0600 Fr, 0630 s/off (lover) new freq; sked elsewhere 5950 (Ld.)

- 555 GUATEMALA 1100, TGNA s/on (Wood)
- 5953 INDONESIA 1055, R.R.I. Pakanbaru, local requests (Wood)
- 5925 UZBEK SSR 1245, Tashkent, Home Ser., Uzbek talk (Wood)
- 5910 TURKMEN SSR 1040, Ashkabad, relay Mayak, Swingle Singers (Wood)
- 5310 CHINA 1250, Peking CPBS, Mao talk (Wood)
- 5181 PERU 0300, R. Atlantida, ID, nx in Sp., many crls. (Niblack) 5180A, pop mx and ID 0353 s/off (Sparks)
- 5095 COLOMBIA 1045, R. Sutatenza, cock crow, cow moo, etc; also 6075 (Wood)
- 5090 HAITI 4VAF, La Voix de la Grand-Anse returned to air, hrd 0025 w/pops, infrequent anmts. in Fr by M. C/down 0055, mention "Haiti", did not get full ID; modulation leaves a bit to be desired (Niblack)
- 5055 BRAZIL 2200A, R. Cultura Guiaba, many crls., 1 gong at IDs, nx 2337; not consistent (Niblack)
- ✓ 5052.5 SINGAPORE 1120, R. Singapura w/legal talk (Wood) Nat. lang 1100-1130, muffled, 11/25 (Shaw) Eng sked. (Ed.)
- 5047 INDONESIA 1030, R.R.I., Djokjakarta, ID "Inilah RRI Djokja" (Wood)
- 5040 GEORGIA (Georgian SSR-Ed.) Tentatively, Tbilisi w/M. & W. talk 0405 (Dexter)
- 5040 BURMA 1445, BBS w/Eng nx, 1500 Radio Magazine, good sig, 11/20 (Balbi)
- 5037 MALAYSIA 1100, R. Malaysia Sarawak, Kuching, s/on w/drums, Asian IDs, clock-chimes, Asian anmts; sidesplash from Burma 5040 (Padula) Kuching w/gamelan mx 1115 (Wood)
- 5035 CENTRAL AFR. REL. 0520, R. Bangui good lvl w/several IDs (Dexter)
- 5026 UGANDA 2047, Kampala, pop mx, 2100 Eng nx, s/off 2107, 12/5 (Graham) 375 W. list
- 5020 COLOMBIA 0617 Eng ID for Transmisora Caldas (Clover)
- 5015 GRENADA 2232, W.I.B.S. w/Eng nx (Hagerman) 2245 s/off (Green)
- 4995 BRAZIL 2245, R. Brasil Central, big beat mx, then LA stuff (Schnabel) Relays R. Jornal do Brasil Central(Ed.) 0135 w/soccer game, many IDs (S. Kamp)
- 4995 SUDAN 1505, Omdurman w/Arabic nx (Sparks) 0500 clear ID (Schnabel)
- 4992 SUDAN From 2210, Omdurman w/Arabic mx, several IDs, excel. lvl (Niblack) 4994 excel. some nites in Arabic at 0430 (Dexter)
- 4985 BOLIVIA CP75, La Cruz del Sur, ID by K. 0225, 0230, into Eng to 0245; gongs, back to Sp, C/down 0301, Sp/Eng IDs, asks for reports. Clear this nite, usually not. WITH lists s/off 0245 (Niblack) Sp. rel. 0200 (Glover)
- 4980 ECUADOR 0400, Ondas Azuayas, Cuenca, s/off w/State & Nat'l. Anthems (Wood)
- 4980 GHANA 2200 ID Ghana B/C in Eng, piano mx (Hagerman)
- 4970 ZAMBIA 0345, R. Zambia, Lusaka mixed Afr/Eng langs (Wood)//3346?(Ed.)
- 4960 CHINA 0930, Peking s/on w/Japanese ser. (Wood)
- 4945 COLOMBIA 0725, R. Colosal, Neiva, all-night, time check (Wood) 4943A, ID 0458, accurate time chex (Hauser)
- 4945 S. AFRICA 2205, R. S. Africa early, w/HS pgm of pops, time chex, gongs, (Niblack) Pop mx Eng, covering all LAs there 0330, (Graham) Springbok R. 2348, domestic ser. many ads (Wise)
- 4940 IVORY COAST 2210 Fr ID for Abidjan, Afr. mx (Hagerman)
- 4940 VENEZUELA 0136, R. Yaracuy w/compl. ID, nx (Hagerman)
- 4932 NIGERIA 0500, Benin City, Eng nx, Pepsi ads, CD anmts. w/siren; clear (Shaw)
- 4923 ECUADOR 0202 ID for R. Quito after LA mx (S. Kamp) Sp. pgm, 0500 s/off (Walsh)
- 4920 BURUNDI 0430, R. Cordac, Bujumbura, African gospel mx (Wood)
- 4915 KENYA 0325-0330 fade-in, w/6 pips very 15 min. & sta braks; Somali/type mx, some U.S. pops, W. ID for "V. of Kenya" Good lvl by 0400, good power; Ghana takes over freq later. Freq measured (Niblack) Hrd w/Indian type mx 0345-0400 ID "V. of Kenya, Nairobi"; then lang nx, much CRN, only ID clear; (Hirst) Somali Ser., Somali mx 0355 (Wood) Somali nx & Afr mx 1500; RPTV CRN (Sparks)
- 4915 GHANA 2245, R. Ghana w/ID & Eng nx, str (S. Kamp) 2220 Eng, chamber mx (Hagerman) 2230 nx Eng. (Baines) Domestic ser, nx 2140 (Wise)
- 4914 HONDURAS 0245A, La Voz del Pacifico w/Pepsi ads, mx, pulling switch (Niblack)
- 4910 ECUADOR 0431, HCFW1, Emisora Gran Colombia, Quito, ID; 0432 Banco presents RCN Nx from France Presse (Hauser)

- 4900 VENEZUELA 0400, R. Juvenud, Barquisimeto, s/off (Wood)  
 4897 USSR (As.) 0410, Tyumen', morning exercises (Wood)  
 4897 BOLIVIA 1120, R. Amboro, Santa Cruz, romantic LA songs (Wood)  
 4895 MARTINI UE 1230-1245, ORTF, YL w/Carib mx & Fr. nx; ID on half-hr. (Shaw)  
 4885 BRAZIL 0815, R. Cultura de Poços de Caldas, time checks (Wood)  
 4875 COLOMBIA 0505, R. Villavicencio, s/off, after noticias and ID (Sparks)  
 -4870 CEYLON 1615 w/requests, 1730 s/off (Padula)  
 4870 DAHOMEY 0600, Cotonou nitely, YL & Ok w/Eng lx; won't QSL (Shaw) You too? (Ed.)  
 4855 NIGERIA 2205, Biafra, nx in Eng; freq still in use despite rpts to contrary (Wiblack)  
 4855 MOZAMBIQUE 0335, Lourenço Marques, usual "B" pgm stuff (Wood)  
 4851 MAURITANIA (Tent.) 2230 closing, in Arabic, wkdays; Sun. to 2300, Arabic. Some Fr., & a Fr. session ending 2245 Sun. Nat. nx, some pops. Freq. measured (Wiblack)  
 4850 MAURITANIA Henderson's listing Dec. Frendx headed Mauritius, found too late to stop; this was correct for Churchill's logging, both hrd this freq. (Ed.)  
 4845 BOTSWANA 1625 ID for BBC Eur. Ser., then completely jammed 1628 (Padula) 0356, Bow Bells, 4846A (Hauser)  
 4845 COLOMBIA 0330 ID, R. Bucaramanga, s/off 0400 (S. Kamp) Clear, Sp. mx, Eng. travel ads, about countryside, by W., 0333-0348 (H. Kamp)  
 4840 INDIA 1705, Bombay with Indian mx (Padula) Film songs 1715 (Wood)  
 4828 VENEZUELA 1030, La Voz del Táchira, S. Antonio del Táchira, time chex (Wood)  
 4825 TURKMEN SSR 2016, R. Ashkabad, lang nx, nx 2051; Moscow relay 2100 (Graham)  
 4820 USSR (As.) 0450, Yuzhno-Sakhalinsk, in early, Russ. songs; also 1045 lit\* pgm. (Wood) Paradan? under carrier (Angola?) TB 0600 and Moskva time (Hauser) Listed FBIS 4825; Sakhalin Is. (Ed.)  
 4813 UPPER VOLTA Ouagadougou v. good as early as 2230 in Fr. w/pops. Also IS & s/on just before 0600 at good lvl, Fr. ID (Wiblack)  
 4795 BURYAT ASSR 1045, Ulan-Ude, Mongolian talk (Wood)  
 4795 CONGO REP. Brazzaville ORTF, 0500 w/5 min. IS, s/on Fr. by 11; low-powered regional (Wiblack) Listed for 4 kw. (Ed.)  
 4795 DOMINICAN REP. 0302 Onda Musical, Sto. Domingo w/ID; move up the band. Rhumbas, time chex (Wiblack) 0234 w/"Siesta con la Onda" (S. Kamp) Pops & ID 0320 (Sparks)  
 4790 VENEZUELA 1020, Ondas Porteñas, Puerto la Cruz, frequent time chex (Wood)  
 4790 ECUADOR 0417 R. Atalaya w/pops, chex, 0430 ID; left air abruptly 0443 (S. Kamp)  
 4785 TANZANIA 1715, Dar-es-Salaam, Eng. talk (Wood)  
 4770 LIBERIA 0705, R. Village, LLWA w/BBC nx, 1709 ID and Afr. nx; RTTY QRM (S. Kamp) ELWA 2149 w/Afr. nx (Hise)  
 4770 VENEZUELA 1015, R. Bolívar, Ciudad Bolívar, local ads (Wood) 0100 el programa Musica del Mundo, musica classica (Schnabel)  
 4767 N. KOREA 1000, Pyongyang w/Korean nx, drifted here (Wood) 4768A, M. in Korean 0845 //6250 (Sparks)  
 4765 CONGO REP. 1830, Brazzaville w/Afr. nx (Padula) R. TV Congolaise (Ed.)  
 4760 PERU 0603, R. Tingo Maria s/off (Glover) Sat. nite, local (Ed.)  
 4760 VENEZUELA 1015, R. Frontera, San Antonio, ID in very broken Eng. (Wood)  
 4755 BOLIVIA 0300, Radio Emisoras Bolivia, Oruro, full ID (Wood)  
 4635 TADZHIK SSR 1315, Dushanbe, Tadzhik songs (Wood)  
 4600 NEPAL 1330, Kathmandu, Indian mx, Nepali annts, under-modulated (Wood)  
 4500 CHINA 1325, Urunchi, Chinese Service, revolutionary opera (Wood)  
 4380 CHINA 1325, P.L.A., Foochow, Mao rally //5900, etc. (Wood)  
 4250 CHINA 1330, Peking CPBS, Chinese talk (Wood)  
 4070 MONGOLIA 1040, Ulan Bator, Mongolian mx (Wood)  
 4055 KAZAKH SSR 1035 Petropavlovsk, "Strangers in the Night" in Russ. (Wood)  
 4020 CHINA 1830, Peking w/German (Padula)  
 4008 KIRGHIZ SSR 1330, Frunze, Kirghiz talk, nx (Wood)  
 3985 SWITZERLAND Test freq. for Berne, w/Ger. 1830, Italian 1900 (Padula)  
 3980 W. GERMANY 2200, VOX/Unich, Spec. Lang. 11/26; 0600-0610 Breakfast Show, 11/20 (Goldman) 8 kw. still listed (Ed.)

NASWA-FRENDX

SHORTWAVE CENTER

JANUARY 1968

- 775 ENGLAND 0400, BBC to Eur. in Eng to 0430 (Cohen)  
 3970 CHINA 1340, Inner Mongolia, Chin. Ser., Mao talk (Wood)  
 3952 ENGLAND 0630, BBC in Ger., 0645, E x R (Goldman)  
 3950 CHINA 1345, Chinghai PBS, talk in non-Standard Chinese dialect (Wood)  
 - 3940 HONG KONG From around 1100 w/Chinese pgm, a regular (Padula) Chinese mx until 1500; classical after (Sparks)  
 3925 JAPAN 0700, Nihon SW Bc. Co., (NSB) Tokyo, Japanese talk (Wood) JOZ, Jap. Talk 0705 (Glover)  
 3910 JAPAN 1340, F.E.N., Tokyo, piano mx (Wood) U.S. Armed Forces net. in FE, 0900 (Rowell)  
 3570 ECUADOR (Tent.) 0030, Voz del Río Carrizal, HCOS4, Calceta(?) prob. the Sp spkr. here; listed 3630 (Hauser)  
 3559 N. KOREA 1330, Pyongyang, Korean songs (Wood)  
 3395A VENEZUELA 1046 ID, YVOJ, R. Universidad, Mérida, ads; het w/Zaracay 3390, so closer (Hauser) Pop mx & ID 0300 (Sparks)  
 3390 ECUADOR 0430, R. Zaracay, not hrd often but excel. rxn. (Cohen)  
 3385 VENEZUELA 0356, Radio Barcelona, anthem and s/off (Dexter)  
 - 3385 FR. GUIANA 0914, Cayenne w/Guitar IS, "La Marseillaise", and ID "Ici Cayenne" (Hagerman)  
 3380 GUATEMALA 0245, TGCH, R. Chortis marimba mx & ID; 0300 s/off (Sparks) ID 0120 (Cohen)  
 3366 GHANA 0600, R. Ghana w/Eng nx, //4915, fair (H. Kamp)  
 3365 DOMINICAN REP. 0332, R. Exitos, Sp, ID, LA mx (Hagerman) "Swan Lake" ruined by tight segue to something else; pgn annced 0401 "Escala Musical", s/off annts; QRM (Hauser) Class. mx 0305 (Sparks)  
 3355 NEW CALEDONIA, 0740 Nouméa, M. ann. sport event in Fr //7170, 12/9 (Sparks)  
 - 3346 ZAMBIA 0357, R. Zambia, rel. tlk in Eng, ID 0400 by W., time "6 A.M." Nx/Eng by W. to 0404, then record pgm. Foll. day nx read by H. WIRTH lists vern.(H. Kamp) Birds IS 0342, s/on Eng 0345, ID for Lusaka, then vern nx to 0355; Eng annts. by man (Hirst) Hrd briefly but well; Thot for Day 0358, door bell, YL nx 0400 120 Kw? (Hauser)  
 3345 INDONESIA 1440, Pontinak, Indon. mx & nx 1440; 1520 s/off (Sparks)  
 3320 N. KOREA 1130, Pyongyang H.S., Korean talk (Wood)  
 3300 MARTINIQUE 0135-0228, ORTF, Fort-de-France w/soft uninterrupted mx; 0228 Fr. ID by W., s/off 0231; hvy QRM (H. Kamp) 2315 Fr (Green) s/off 0230 w/"Marseillaise" (Cohen)  
 3300 BR. HONDURAS 01202 ID r. Belize, then Hit Parade; poor voice qual, fair str. (H. Kamp)  
 3290 PERU 0406, R. Universal... "La Punta..Callao, musica Cuzceuña; 500 watter(Schnabel)  
 3280 GRENADA 0130, W.I.B.S. w/class. mx, ID 0145 (S. Kamp)  
 - 3265 GUYANA 0325, V. of Guyana, Georgetown, fair, 0400 s/off (Jamison) S/off 0345 Sun. GMT, late; usually 0245 (Cohen)  
 3225 DOMINICAN REP 1005-1045, Voz de la Libertad, HIAU, mx 1015, //6190 (Graham)  
 - 3222 TOGO 2220, R. Togo, Lomé, in Fr., QRM (Jamison) 0530, tent. QRM (Schnabel)  
 3215 VENEZUELA 1043, YVOE, Ondas Panamericanas, El Vigia, promoing pgm "Reloj R. Continente" (Hauser)  
 3204 NIGERIA 2145, Ibadan in Eng., w/Afr. mx, some QRM, 12/1 (Jamison)  
 3201 N. KOREA 1115, Pyongyang, //2949 (Wood)  
 2848 N. KOREA 1115, Pyongyang, Korean talk (Wood)  
 2501 S. KOREA 1110, KBS, Seoul, Korean talk (Wood)  
 2473 CHINA 1100, Tsinan, Chekiang PBS, Mao talk (Wood)  
 2450 HAITI 0130, 4VSO good lvl w/Fr & Eng IDs, into rel pgm (Niblack)  
 2413 CHINA 1100, CPBS, Peking, Mao talk (Wood)  
 2340 CHINA 1110, P.L.A., Foochow, Chinese talk (Wood)

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UNIDENTIFIED STATIONS

NEXT PAGE

?????? UNIDENTIFIED STATIONS ???????

UNID. Latin Americans:

5005 around 0330, quite weak, not R. Cristal

3340 at 0415

3275 to past 0500 (Dexter)

UNID. 9042, definitely a Russian, weak & fluttery at 0330 (Dexter)

UNID. 5020 mainland Chinese station, Mao talk 1115 (Wood)

4750 Chinese station, talk in Chinese 1045 (Wood)

UNID. 4679, a LA station, "R. Mac. ....?" to 0600 s/off. Also "La Voz de...?"

(Glover)

4652-4666 Variable; a LA, to 0306 s/off; Spanish and Coke ads (Glover)

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There has been some FB DX reported this month, although the openings have been coming in very quickly, and going out the same way. Also, the noise level on the low bands is very high, as confirmed by several reporters. Locating the DX stations is a matter of being on frequency at the right time; if you don't hear that station sign on, wait around for a while - it may come booming in a few minutes later! Also, the best openings seem to be coming around the first and last weeks in the month, generally. This is borne out by the Sunspot Count.

A note to reporters, new and old: please don't forget to list the country, as well as the station heard; particularly when reporting LA stations. Many countries have stations with the same, or very similar, names, and are sometimes separated by only a few kilocycles. Please check this, and it will save me a lot of time.

I would like to welcome several reporter/members new to this section; and thanks to all of you who have contributed. I hope that everybody got the new Rx they were wanting for Christmas; and to all GOOD LISTENING!

Del

HAPPY NEW YEAR EVERYBODY!!!

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TNX TO THIS MONTH'S REPORTERS

- Phil Allen, S.C. WR-600
- Fred Baines, N. S. 51-S
- August Balbi, Calif. HQ-150, 129X
- Steve Cohen, Conn. DX-75
- Gerry Dexter, Wis. HQ-180
- Art Glover, Wash. HQ-180
- Bruce Goldman, N. Y. HA-230
- Brad Goodman, Ohio Sonolar 3-0C
- Bill Graham, N. Y. HQ-180A
- Jerry Green, Va. HE-30
- Bob Hagerman, Mich. Star Roamer
- Glenn Hauser, N. M. HQ-160
- Del Hirst, Texas HQ-100
- Danny Jamison, Va. SI-4
- Alan Jeeves, Pa. S-118
- Mike Kamp, Texas HQ-140X
- Stewe Kamp, Texas HQ-140X
- Mike Macken, Mass. SX-100
- Stan Mayo, Me. HQ-180A

- Hank Michalenka, R. I. Realtone 4597
- Mike Mochizuki, Hawaii SW-4A
- Al Niblack, Ind. SX-100 II
- Bob Padula, Australia Marconi B-28
- Frank Peters, Ill. ITT Mackay-Marine 3010C
- Art Poulis, Mass. NC-190
- Louis Procaccini, Pa. S-120
- Ed Pyatt, Ga. S-120
- Chas. Rasin, N. J. HQ-145A, SX-110
- Sam Rowell, Wash. NC-190
- Geo. Schnabel, N. Y. SW-4
- Ed. Shaw, Calif. SX-130
- Bill Sparks, Calif. HQ-180
- Tom Walsh, Mass. Nordrende GT
- Rod Williams, Ga. SW-4
- Doug Wise, Ohio HA-225
- Richard Wood, Hawaii HQ-180
- WRB/WRTH
- SCDX

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Last minit NEWS/TIPS  
All times are GMT

FLASH  
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SHEET  
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Last minit NEWS/TIPS  
All times are GMT

AL NIBLACK, EDITOR, 420 SHELBY STREET, VINCENNES, INDIANA 47591 (DEADLINE 22nd OF MON)  
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ASCENSION IS: 7.105 Current schedule effective 5 November from the BBC, London, indicates the following; 7.105, 0430 -0445 in French, paralleled by 9.600, 11.860. (Padula). (Editor's note: Please refer to Dec. FS, item on Malache; there is a possibility that the item so reported as Malagasy Republic was actually the BBC Relay from Ascension.).... 7.105 This frequency heard regularly in English at strong level at 0715 regularly. (Balbi)

— BOTSWANA 4.845 The BBC Relay from this source noted with identity at 1625, and covered by jamming at 1628. (Padula)

— CAMBODIA: 5.006 Now noted on this new frequency with usual French prgm at 1230, and English at 1250 -1305. (Padula)

CANADA: (FLASH) The CBC International Service is definitely going to remain on the air. The Canadian Government has reconsidered its proposal to close down on 31 December. (Williams)

CHINA; (FLASH, FLASH) 5.935 Tibet is being reported as heard at 1415 by an Indian listener, (SweCDXers) (Editors note: There has been a few fragmentary reports down through the years that this one is in operation. However, it has not been reported with any degree of authenticity since Paul Kary reported it a number of years ago, till now. Who will be the first to log it Stateside?)

— CONGO(DEM. REP.): 11.866 Rowell, Washington State, reports that Lubumbashi (formerly R. Katanga) now strong lvl at 1900 -1930, when in English time slot.

DOMINICAN REP: 6.030 (FLASH) The new Haitian station announced to open on 6.175, is actually already on the air on 6.030. Is R. Dif. Capoise, 4VJF, and heard since 2 December with native music and frequent identities around 1600. Annncing the frequency as 6.040, and asking for reports to: Mr. P & G, Julmis, Rues 8 et 9, DI44, Cap Haitien, Haiti. Heavy QRM de "La Voix de la Revolution Duvalieriste. (Objio)

ETHIOPIA: 15.350 Station ETLF observed testing at 2300 in English, QRM from TWR, Bonaire. (Balbi) .... 7.125 R. Voice of the Gospel logged with IS and English identity at 0330 S/on in Indiana. (Widner)

ECUADOR: (FLASH) The Pioneer Voice of the Andes, HCJB, will begin testing a 100kW xmitter on 25 December, the birthday of the station. Official operation will begin 7 January, all frequencies in the 19 meter band. (Field) (Am sure all of us send our best wishes to HCJB for their continued success in their broadcasting endeavors.)

— GILBERT & ELLICE IS: 4.9125 Shaw, California FLASHES the logging of this service with positive identity in English at 0630 S/off. Fair lvl, considerable QRM, but have the closedown on tape.

HAWAII: 15.000 WWVH, National Bureau of Standards, Puunenne, loggable around 0200 in ECNA. Watch for weak voice annc't just ahead of WWV. DXers needing a QSL from our 50th state have an opportunity here. Fast verification with colorful card. (Williams)

INDIA; 4.800 AIR, Hyderabad(Regional Svc) very good lvl with identity on the half hour. English language discussion about Pakistan and Khashmir. (Shaw) .... 11.810 AIR, New Delhi, is good most mornings from 1330 S/on in English. (Whitlock) (Editors note: One thing for sure AIR's regional svcs do not make it into Indiana)

More interesting news and DX tips on next page.

INDONESIA: 4.820 Banjarmasin (Borneo), RRI, heard with identity at 1230, seemingly. Typical format of Indonesian regionals. List as tentative. (Shaw)

KENYA: 4.915 Caught Kenya last night from 0340 -0400, at quite good lvl. Musical prgm with definite identity for, "Voice of Kenya, Nairobi"; in vernacular. (Hirst) Is good lvl here in Indiana most nights on this frequency and is running considerable power on the channel. (Niblack)

LAOS: 6.199 (Please refer to last month's FS) The two words "Patet Lao" may be translated as "Pathet Lao". This is a communist organization in Laos that is similar to the Viet Cong-National Liberation Front set-up in South Vietnam. It is thought to be outlawed, thus possibly clandestine. (Thanks for this info goes to Cuthbertson)

LIBYA: 7.165 (See Yemen in last month's FS) What was listed as tentative as Sanaa at 0502 has definitely been identified as Libya, by Hurst, Texas.

POLAND: 9.655 R. Warsaw noted beamed to No. America on a Saturday from 0315-0345, in English. (Friday, EST) (Niblack)

PHILIPPINES: 21.675 Radio Veritas heard testing at around 0800. (Padula) .... SEARV not now heard - a letter from the station indicates that their antenna was blown down by a recent typhoon. Reconstruction is in progress. (Padula)

SWITZERLAND: 3.985 (FLASH) SBC heard on the new frequency at 0620 -0705 with pops, into English at 0700, a real powerhouse. Anncd as European Svc. (Graham)

SWAN IS: Now that R. Americas is being reported from all directions, veteran DXer Grady Ferguson reports concerning their QSL - in large letters they indicate "Radio Americas" as being on Swan Island. QSL signed by John Kulik. Opening at 2200.

VIETNAM(SO.): 7.245 Saigon sometimes has English newscast at 1545. (Sparks)

VIETNAM(NO.) Hanoi on 9.830 and 11.840 has news in English at 1530, a retiming and change in channels from 9.760 and 11.753, flashes Balbi, California.

SWEDEN: 21.585 R. Sweden observed at strong lvl at 1515 with DX Prgm. (Balbi)

ZAMBIA: 3.346 General Svc heard with S/on in English and vernaculars as, "This is Lusaka Calling", flashes Bob Hagerman, Michigan as we go to press. .... Lusaka seems to have high power on this frequency when opening at 0345. (Sparks)

SUNSPOT COUNT AS FURNISHED BY THE ZURICH OBSERVATORY DEC. 6, 1967

1-119 2-117 3-113 4-102 5-81 6-48 7-47 8-29 9-34 10-39 11-31 12-56  
13-77 14-95 15-98 16-119 17-121 18-134 19-131 20-111 21-95 22-92 23-105  
24-108 25-131 26-101 27-100 28-100 29-109 30-112; MEAN - 91.8 (Ferguson)  
PREDICTED: DEC-102 JAN-104 FEB-106 MAR-108 APR-109 MAY-110, going up!

ACKNOWLEDGEMENTS: August Balbi, California.. Bruce Cuthbertson, Ohio.. Bill Graham, New York.. Del Hirst, Texas.. Marlin Field, Michigan.. Grady Ferguson, No. Carolina.. A. R. Niblack, Indiana.. Cesar Objio, Dominican Republic.. Bob Padula, Australia.. Sam Rowell, Washington State.. Ed Shaw, California.. Bill Sparks, California.. Rod Williams, Georgia.. Sweden Calling DXers, Stockholm, Sweden... Bud Whitlock, Kansas.. Jack Widner, Indiana.. Bob Hagerman, Michigan.

Last Minute Flash; CLANDESTINE: Liberation Radio, the Voice of the National Liberation Front, logged at 1315 -1328 in English, presenting news, then into Vietnamese. (Think this English feature is a Saturdays only session, Editor) (SweCDXers)

A word of thanks to all those contributors who made this column possible. Please allow one day longer than you think necessary, for your reports in transit so that they will reach this QTH by the monthly deadline. Gracias. Please write on one side of the paper only and double space between each item. Also, please quote the make and model number of your receiver. This is important and helps the editor in making certain observations. Very last minute items may be phoned to 882-3976, after 2200 GMT.

This department wishes to acknowledge the help of Editor Del Hurst in locating a BC-221AN Frequency Meter. After careful checks it proved to be highly accurate and is in mint condition electrically and mechanically.