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NORTH AMERICAN SHORTWAVE ASSOCIATION



.....MAY - 1966.....
NASA HEADQUARTERS 1503 Fifth Avenue, Apt.2 ALTOONA, PENNA. 16602

WHAT, IF ANY, FUTURE FOR ANARC??

It is time we begin thinking of the upcoming departure from the Exec.Secretaryship of ANARC by Don Jensen, who will end his tenure of office October next. The time is at hand to give thought to his successor, whomever he might be, and to the future of the Association of North American Radio Clubs proper.

There are those who, from the very beginning, were anti such organization. There have been those clubs, though joining as per wants/votes of their members, are still anti it. Of the various clubs now affiliated, only a few have really shown sincere interest, given cooperation. Many say ANARC has failed, others say it has not, still others could care less...one way or another.

As NASA views the situation, we do not see a failure, yet neither do we see complete success, but we didnt expect "fortune in fortnight". We have not agreed to all the proposals enacted by ANARC, yet to many we have agreed...doing so not only in our own interests alone, but in interest of the combined. Here then is where some clubs, not ANARC, has failed. They have acted, for the most part, for self reasons rather than for unitized. Any failure held to ANARC is not due any singular officer of the organization, but it is rather the fault of all affiliated clubs and every member.

Some clubs cover ANARC doings regularly in their bulletins, some do so at intervals, some not at all. What is covered, when covered, is merely info passed on via ANARC headquarters...few clubs really back or support ANARC on their own. Why? Because not all clubs are "in common"...and not being so, they tend to disapprove proposals, etc., other clubs submit/support.

Before the future of ANARC can be given chance to progress, head towards worthy goal, meet success, there must first be a solid and sincere foundation laid. To date only a few stones have been set thereto. Perhaps the new Exec. Secretary, when he takes the office, will seek to strengthen present ANARC, then proceed to work on more mundane matters beneficial to the organization as a whole.

The ANARC convention to take place this coming July in Kansas City will, without a doubt, have much to do in way of what is to become of the association. After it is over, we will most likely know those chosen to run for the position of Exec. Secretary. Meantime however, let's give it thought for the good of the combined, ever keeping amind that as in NASA or any club, unity in ANARC is a must. ...Bill Eddings

:-:-:-:-:

IN THIS EDITION!!...Be sure to read the headquarters section page on the subject of voting on matter of all SWBC....Note the large number of members who have given their support via reports this month....And dont miss the Loudenboomer Report by our boy Charlie...its a NASA exclusive! Be sure to vote on the all SWBC issue, its your duty!

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FRENDX is the official publication of the North American SW Assn. It is not copyrighted. There are no subscriptions. Only active, in good standing members are entitled to receive copies.

Membership fee is \$4.00 per year (12 monthly editions of Frendx, via third-class mail.) or \$6.00 per year (12 monthly editions of Frendx, via first-class mail.) This and all editions are made possible through the combined interest/cooperation of club officers, bulletin staff and supporting members.

Our motto
"UNITY AND FRIENDSHIP"

Board of Directors

Donald Jensen
Gerry Dexter
Lou Stober

Editorial Staff

William Eddings
Ronald Luyster
Joe Fela Jr.
Richard Little
Silvio Marini Jr.
Doug Benson
Francis George
Louis Molina

ANARC Rep's.

Douglas Benson
Frank Peters

NASA is in affiliation with ANARC*

*Association of North American Radio Clubs, Racine, Wisconsin

IMPORTANT!!

With this edition of Friendx, all members in good standing will receive a ballot card. Members are urged to read them, follow the instructions thereon. Vote!! Check your wish!!! By all means note mailing deadline and please return card to NASA Hdq in an envelope. Thanks!

To make certain all data on card is understood, the following is detailed explanation: Main/primary purpose of card is for casting vote in favor of or against NASA going all SWBC. Check yes or no.

Should majority of members approve/vote for such change, dissenting members may 1. Ask for refund (which will be based on number of bulletins due). 2. Ask for a transfer to IRCA (which is an all BCB club). 3. Ask for a transfer to CDXC (which covers HamBand, Utility, BCB, FM/TV). 4. Ask to remain with NASA. (Members must check only ONE of these four!)

Ballot cards must be signed by members or vote will not be official!

Cards must reach NASA Hdqs no later than June 15th 1966 (possible exception may be allowed for certain overseas members!)

It is requested cards are placed in an envelope for mailing.

If a member asks for transfer to IRCA or CDXC, membership will be good for remaining months paid for in NASA. (i.e., if members dues was paid for year and he received six editions of Friendx, he will be entitled to receive six editions of DX Monitor (IRCA) or Cadex (CDXC). Anyone already a member can get extention.(as i.e., 6 months)

Why IRCA or CDXC??? Because both these clubs have same membersjip rate as NASA! Too, both put out bulletins par or better than Friendx! Both clubs are sound in operation and have capable/experienced officers! We recommend IRCA for those interested solely in BCB. We recommend CDXC particularly for those primarily interested in HamBands. Both IRCA and CDXC are affiliated with ANARC as is NASA.

In order to clear up ideas certain members seem to presently hold, be informed that should NASA go all SWBC, future editions of Friendx will not be a mere "newsletter" or just a few pages. It will generally run same size as it has been, but will only cover SWBC phase of DXing and/or others related. The HDQ section will remain, so will the Loudenboomer Report. The DX section will be SWBC, but it will be made into several columns; Features, editorials, Reports & Loggings (by time, freq and country), QSL Report, SWBC NewsRoom, Tuning Tips, ScoreBoard, will all be regular contents. Specials, contests and various others will also be covered. Perhaps the most important to be continued will be the keeping of our motto which has been our most valuable asset over the years.

And to those few who have given support to BCB and Hamband sections in past Friendx, we ask you not to feel we are casting you out or shunning you; To the contrary we feel we are doing you a favor by arranging transfer to one of the two above named clubs. And the mere fact that these clubs are willing to accept you as members, have been most cooperative in making arrangemnets thereto with NASA, is proof that they respect your value as DXers. They "specialize" in certain phases and can aid you in hobby enjoyment, just as NASA hopes to do for SWBCers.

In summation, before you cast your ballot, think on the full scope of it...not only selfcenteredly, but in ways of "Unity & Friendship". Vote as you please, it is your right, your priviledge, your duty...and when you vote keep in mind one simple, yet golden rule..."Do unto others as you would have them do unto you!"

Thanks!

Bill Eddings
Executive Editor - NASA

AROUND THE CLUBS

ASWLC. It is good to see new faith being given this club. Plaudits are due such as Stew MacKenzie for his adding "heart" to what heretofore had been mostly "head". In its time, this club has come far..now with the likes of Stew as publisher, it is sure to go even further. New mimeo fund drive under way only a bit over a month has now already almost reached goal.

CDXC. New QTH for hdqs of this club; 1034 No. One Road, Richmond, B.C., Canada.

IRCA. Will soon change the format of its bulletin to provide a more effective and efficient method presenting domestic DX for its members. Too, Ron Schatz, a "pro" in LA BCB DXing, has taken over the DXWW reins.

WMRC. Appointed to SWBC editorship is Stu Grade; Odis Woodward will work with him. BCB-wise, John Arthur submitted his resignation.

DXI. Membership fee upped to \$4.00 due to enactment of sales tax in Mass. New fee effective immediately.

CIDXC. Clarence Green resigns post of the cardswap editor and is replaced by Ralph Itrace. Yearly election of club officers now in full swing.

WIDXA. Celebrated its first birthday anniversary last month, it was one year old. Belated congratulations to exec. editor Margaret Hinkson and her staff! We'd like to see every NASA member send her a dime (10¢) as token of appreciation and in the interest of "Unity & Friendship". Her QTH is: 21 Richmond Street, Port of Spain, Trinidad & Tobago, West Indies. (If all NASAers would do this, it would give her and WIDXA a little nestegg of over \$35!!)

NNRC. Editor Bill Shultz seldom writes any editorials, but when he does, he makes sense...at least in our opinion! To use a quote he quoted last month..."If you cant say anything real nice, please dont talk at all!"

WCDXC...West Coast DX Club...is no more, it disbanded. Exec. Editor had been 16 yr old Trevor Burke.

WANTED!!!!

(Other clubs pse copy!)

Any/all DXers in the Washington, D.C. area are requested to get in touch with Bob Hill 1426 21st Street, N.W., Washington, D.C. or Dan Henderson, 828 Sligo Avenue, Silver Spring, Maryland...for purpose of organizing a local club. This request pretians primarily to SWBCers.

DEADWOOD RESULTS

Cards being sent to members not reporting or being heard from since joining the club are getting some action. Most come back telling us they dont have time to devote to the hobby, thus no reports; Many come back saying they are no longer interested in the hobby; A few arrive saying they are just lazy and will get on the ball. Those no longer interested are sent refund if due them and their membership terminated. I cannot express strongly enough that NASA does not accept subscriptions to Frenx!!! Frenx is part of your membership in NASA!

HI HI!!

We heard about a fellow the other day who was a bit peeved with the PostOffice Dept. Seems his mail was arriving slow/late...so he said he would get even...he'd use ZIP numbers alright, but would do so using Roman numerals.

CALL'S TO DUTY

Several of our members have been called to the armed forces, some have enlisted..... We kinda think it would be nice to have some sort of "token" to give them from NASA. Anyone have any ideas or suggestions?

- *Those in or going to service include;
- *Nick Vrettos, Steve Bohac, Frank Folwer,
- *Norman Brown, Mike Lee, Chuck Rader,
- *Andy Kasparson, Larry Bennett, Normand
- *LaMontgne, Paul Eaton, John Seay, Bob
- *Hayes, Paul Kirkpatrick, Tom Bispham.

 - THE COST OF FREEDOM ISNT -
 - CHEAP, BUT IT'S WORTH IT -
 -

Paul Kirkpatrick

NEW MEMBERS



NEW MEMBERS

- *Gary C. Johnston/WPE4DDY, Madison, Alabama. "Age is 30, am an electronics technician, married. Have been SWling for two years, use an SX100 with 100' longwire antenna. Am interested in awards and contests. Read about NASA in FE."
- *Arthur Poulis, Fall River, Mass. "Just recently became interested in SWling. I am a social worker, single, age is 35. Present equipment is a Hallicrafters S38 and a tape recorder. Antenna is a 40' longwire. I am interested in awards, hunting, fishing, folk music and archery. First read of NASA in PE Communication Handbook."
- *Hortense R. Trevino, Chicago, Illinois. "I am 24 and single. Vocation is nurse. Have been SWling for only about 8 months. Gear consists of a Philips B5X43A, antenna is a 50' longwire. Am interested in contests, awards, coin collecting and boat racing. NASA is my first club; I read about it in '66 Comm. Handbk."
- *Robert J. Hill, Jr./W1ARR/3, Washington, D.C. "Began SWBC DXing in 1952, presently have about 175 countries logged. Am not too interested in veries. Rx is a Hammarlund HQ180, antenna a 60' longwire; Also have a BC221M freqmeter. Am interested in awards, contests, classical music, bridge, reading and sports. Heard about NASA from Dan Henderson and Al Miblack. Would like to hear from SWLs in the D.C. area in hopes of forming a local club. QTH is 1426 21st St. N.W., Washington, D.C. 20036. Phone 232-4254. Am a college grad, age is 28 and vocation is records analyst for DHEW."
- *Gregory Bovee/WPE8JAC, Rochester, Michigan. "Am 14 and a freshman in high school. Have been DXing since January of this year. Receiver is a Knight R100A which I built with help of my father. Am presently using an indoor antenna, but will erect outdoor type soon. I am interested in contests, awards, cardswaps. To date I have QSL's from 25 different countries. I read about NASA in Radio-TV Experimenter."
- *Del D. Hirst/WPE5CFU, Snyder, Texas. "Am OM of 41 here, married and work as bookkeeper. Rx is a Haethkit GCL1A with a GR91 as standby. Antennae are 135' inverted V, 25m dipole and loop. Other gear includes a tape recorder, Q-multiplier, homebrew preselctor and crystal calibrator. Am interested in awards, contests, tapesponding, photography, and fishing...also am active in BSOA, being local commissioner. Have been DXing SW for 4 years. Heard about NASA from John Callarman and Dan Douglas."
- *John Sgrulletta/WPE2IYE, Bedford Hills, New York. "First became interested in SWling back in '59 when I was eleven years old. Am now a college student, single. Shack gear includes Hammarlund HQ100AC, Morelco transistor AM/SW and a Vi T130 tape recorder. My antenna is a 60' doublet 20' high. Am interetsd in awards, contests, collecting coins and stamps; also greatly interested in baseball. Am member of NNRC and TNDXL, also of RBSWC, RPDIC and RNYSWC. Heard about NASA from member Jack Page."

(Applications received after 20th this month will be acknowledged in next edition!!!)

RENEWALS

Welcome back to Gary Fredricks, Ferdinando Martino Sr., Bob Zobot and Billy Williams, for their second year; And to Joe Fela Jr. for his fourth. Good having you along with us again gents!

MAY BIRTHDAYS

Many happy returns to Jerry Harris, Bill Stevens, Ambrose Maxim, Ernie Zecchini, Jack Gladden, Dick Hempfield, Jim Gallucci, Ted Parcel, Frank Fowler, Marion Ely, Arthur Meinhardt, Peter VanderMeullen, Dale Hanker, John Jones, Rolf Erny, Ralph Irace, Greg Bovee, Victor Gonzalez...all celebrating birthdays this merry month o May!

Bulletins still continue to trickle back to hds due to members not notifying us of change of address. As stated before, such bulletins will not be remailed unless the member so requests and remits necessary postage amounting to twenty cents, in stamps.

Exclusive

Exclusive

THE LOUDENBOOMER REPORT

I was in a mood nearly as dismal as the dreary weather outside my window. A chilly rain had been falling for several days and reception conditions had been bad. But what really topped things off and plunged me into a fit of black depression was the copy of the National Geographic which the mailman had just left in my box.

Setting aside, unopened, the only other bit of mail that arrived that day, a letter from Joe Morose, a cardswapping acquaintance of mine, I thumbed through the colorful magazine.

As I flipped through the pages, one large photograph caught my eye. There against a backdrop of azure sky and whitecapped tropical sea was a picture of paradise...a South Sea Isle complete with undisturbed golden beaches and waving palms. Like a tri-band beam toppling before a Force 8 wind, my spirits fell. What a place for a vacation! A dream of a lifetime, but my chances of ever visiting such a spot, I realized with dismay, were virtually nonexistent.

Sure I had two weeks leave coming at the box factory where I worked, but, I thought gloomily, how can I ever afford a glorious vacation to such a tropic paradise on a lid nailers salary? Goodness knows I needed a vacation, a break away from the routine, but with my financial situation, a trip to the South Pacific seemed out of the question.

I tossed the magazine in the corner and opened Joe's letter. He, it seemed, was also having his own problems. One of the most active SWL cradswappers in the game today, he quickly earned the "Swapped all States" and "Swapped all Continents" awards; Now he was well on his way toward the coveted "Century Award" for swapping 100 different countries. But he had struck a snag, he was running out of countries.

In his note, Morose complained bitterly that an SWL card sent to Pierre Faux Pas, supposedly the only swapper in New Hebrides, had been returned marked "addressee unknown".

"Boy," Joe's letter concluded, "I'd give just about anything to get a swap with New Hebrides!"

Well that's when the idea struck me. I'd noticed in a recent copy of "CQ" that hams, anxious to add rare new countries to their totals, flooded DXpeditions with monetary contributions to make sure they received speedy QSL replies and other preferential treatment. Why not a cardswapping DXpedition to New Hebrides, I thought? It was worth a try, I decided, and the scheme might just help underwrite my vacation costs to that exotic island.

A few discreet notices in club bulletins produced an unbelievable response. Frantic swappers, anxious to get a New Hebrides SWL card, filled my mailbox with requests to be put on my list. All enclosed dollar bills for "an airmailed reply". Soon the vacation, er, DXpedition, fund topped \$2000.

My friendly card printer ran off several thousand attractive SWL cards for me, all bearing the legend "Charlie Loudenboomer/WPE/FU8AA". Stuffing these blank cards into my battered valise, along with a one-transistor portable radio (serious swappers insist that to be valid, a card exchange must be made with a "bonifide listener"), I caught the first Pacific-bound plane.

Last night I returned home and I'm happy to report that the first cardswapping DXpedition was a smashing success! The two weeks amid sand and sun at a bungalow resort just outside Port Villa were wonderful. Tanned and rested, I'm already studying my map seeking a spot for next year. The only work I did during those long, lazy days on the New Hebridean shores was to lick 2000 five-franc postage stamps for the SWL cards I sent back.

To allay the fears of the purists, I can report that I did listen to a radio during my stay on the island, making me a legitimate radio listener in New Hebrides. On my tiny set I caught a five minute local newscast in French, just before I boarded the plane for my return flight. And, true to the code of the 100% friendly swappers, at the bottom of each card I sent, I penned "You don't know how much your card meant to me. Having a wonderful time; Wish you were here!" Charlie Loudenboomer.

FINANCIAL FACTTHE MAJOR PROBLEM

Ever wonder where the money goes? Money received by hdqs as membership fee's that is! Well fact is that 98% of it goes to printing supplies and mailing of Friendx; The remainder goes to postage used on mail related to operation and/or administrative matters of club. On the average, NASA is spending \$75.00 per month...but for the fact certain supplies are bought in large quantities, therefore at slight discount, expenses would be higher. REMEMBER, we are a non-profit organization!!

DID YOU KNOW?

NASA has members in 43 U.S. states, Mexico, Canada, and 14 overseas countries. First NASA Hdq was in Canada, but before initial bulletin was published, moved to New York where it remained for a year and then came to Pennsylvania. In six years, NASA has had less editorial turnover/changes than any other club. Average age of NASA members is between late teens and early twenties. Our bulletin "Friendx" was so named per a suggestion from member in Wales and that it is a combination of the words friend and DX.

ANSWER TO A QUESTION

Why dont NASA have any DX program over a radio station? (Assuming this member meant a regular such program...)
Although NASA considers such programs of importance to the hobby and club(s), and in ways beneficial to stations concerned, and even though possibilities for it, in future, having such, we think it the more important that members be the "voice" of a club rather than any program or radio stations being so. It is not necessary for a club to have a radio program to make it succeed...all that it takes is a sincere staff and officers and faithful supporting members!

BE

"I shall pass through this world but once,
Any good, therefore, that I can do
Or any kindness that I can show,
To any human being
Let me do it now, Let me
Not defer it or neglect it for
I shall not pass this way again."

Though widely known, yet not given serious thought by majority of DXers, the radio hobbies are plagued by many varied/assorted types of "bugs" and problems. Facing the clubs today, as in past, is the one regarding unity...not merely within clubs themselves, but in the various ranks or phases of DXing, from SWBC, to BCB to HamBand...none are really unitized. Take if you will, SWBCers....There are few serious DXers in this field, even so, few that they be, their ideas and wants are far apart, not in common. Some hold to the idea that to be a worthy DXer, verifications must back up all loggings...that if you dont seek QSLs, you are not truly pursuing the hobby. Others hold that hearing/logging stations, those rare and seldom heard, are the doings of a good DXer and that it is not necessary to have QSLs. Some dislike certain club bulletins due the listings given by time rather than frequency; Some prefer listings by country. There are some who think SINPO reports should be given in all reports submitted to SWBC editors; Yet other consider this of no importance. Numerous SWBCers are SWLs, they do not always seek out the rare, hard to hear stations....Others are DXers, they seek to hear only the rare and seldom heard station. In many instances, both these categories are disrespectful of the other.

Too, in the ranks of SWBCers, there are a few who judge the other by the type rx he uses...if it be a low priced or "off brand" its owner is oft times considered a lesser DXer than those having expensive rx.

And so there you have but a few of the "shadows" casting a darkness of disunity. How can a club, let alone the DXing hobby, hope to ever solve such problem? Is there any logical answer? YES THERE IS!!! and it be simple...."Live and let live!" Seek to understand one another as you yourself seek to be recognized! Effort for the good of the combined, not for the pleasure of the few!

We of NASA have a motto to uphold, and tho' tis upheld many ways by most members, it is far from being so by all, all ways! If we fail to do such in mere hobby, sure and we will have failed in life.

Bill Eddings...

NEW TELECOM LAW'S IN THE DOMINICAN REPUBLIC
via. Cesar Objio

Dominican broadcasting stations have to pay fee's yearly as follows: Experimental stations, \$10; Commercial stations up to 500w \$100, up to 1000w \$250, up to 5000w \$1000, over 10kw \$2250; Amateur, FM and Cultural stations are permitted to operate free of charge. License for amateur stations are given to any Dominican citizen as well as to foreigners whose countries give same facilities to Dominican citizens. No amateur station is permitted to use more than 1kw power. No Commercial station will be owned or controlled, directly or indirectly, by political parties, workers unions or public agency. No political, unionist or religious broadcast will predominate over any other kind of program from any station. FM stations will not be relayed by any other station using commercial band. No owner of any station will hold another permit in order to have two stations in the same band or in any other town/city unless approved by the General Director of Communications who will determine the programming. Shortwave programs on high frequencies will be used only by government stations except in the tropical bands. The separation of stations in a same town, operating same band, will be no less than 30kHz. No station will work in any way as to interfere with another. Licenses for radioelectric stations will be granted only to Dominican citizens or foreign born who become naturalized Dominicans. Relaying will not be permitted if the original station does not grant permission, and the relaying will not be altered in any way. There is nothing in the law against radio receivers except that they will not be heard with a volume so loud that it be anti municipal regulations or that they be heard in such a way that they emit electromagnetic radiations. (The foregoing is merely bits of info for interest of SWLs/DXers and is not meant to reflect the full scope of the new telecommunication law's in the Dom.Rep. CO)

OUCH! THAT HERTZ!

ROSES AND THORNS

Beginner and oldtimer alike are doing alot of talking of what is a new term to them these days... "hertz". Yet it is not, as many seem to think, a purely German term for cycles per second... it is the correct international scientific word, the use of which was suggested several years ago by the CCIR (a permanent committee of the ITU) and which has now come to being used by more and more broadcasting organization throughout the world.

Students become acquainted with the term via their textbooks... Oldtimers become a bit confused about it. It is not an easy word for the Anglian mouth! yet it is the correct word and much shorter than "cycles per second" which is what hertz means. Some club bulletins have already gone over to using hertz, others have not, some plan to do so, others are hesitating. Hertz wont hurt, but it has and will, for awhile yet, confuse. NASA will study the matter fully and soon announce whether or not to go to hertz. In the interim it may be used in certain sections of Frenkx at times by various editors so that members will gradually become aware/educated with it. Perhaps AMARC should decide for us?

Latest edition of RTVE contained some FB publicity for the hobby and clubs in an article by Tom Kneitel who labels himself "Master SWLer". Along with the article was a "universal" membership application form for use by anyone interested in joining one of the clubs listed. Many thanks are due Tom, yet so are a few prickles. His intentions are/were all well and good, but much of the data he gave re some of the clubs was inaccurate, outdated, erroneous. Too, Tom listed only certain clubs, those he considered to be the worthy ones (he included NASA!) One listed is not a DX Club at all. Certain of the "misinfo" will surely be QRming to various of the listed clubs... things like outdated membership fee's, wrong addresses, listing a club that is no longer operating. Omitting from the list one of the larger clubs in NA will cause some grumbles too. BE

GOING WEST/EAST FOR VACATION THIS YEAR.
WHY NOT TRY TO ARRANGE FOR ATTENDING THE
AMARC CONVENTION IN KANSAS CITY, MID-USA!

ANARC Reports The ANARC Convention...

Thanks to Bill

Doug Benson, Rep.
49 Washington St.
Lakeport NH 03246

Exec Editor Bill
Eddings relinquished
his editorial pg.
space last month so
we could get all the
last-minute details
to you. Thanks Bill!

Frank Peters, Rep.
820 West 34th St.
Chicago Ill 60608

CONVENTION
NEWS

CONVENTION
NEWS

Place Kansas City

ANARC first annual convention will be held at Kansas City, Mo. the weekend of July 29-30-31, Friday Saturday and Sunday at the Muehlebach Hotel, corner Baltimore and Wyandotte. The meetings, tours, et all will be held starting Friday evening and continuing untill about noon on Sunday. Minimum rate charged by the hotel for one person for both nights totals \$20 or so, for two persons \$25 or so.

A word about the hotel

Situated in downtown Kansas City, next to the new \$16,000,000 KC Municipal Auditorium, the Muehlebach Hotel provides an eight-minute trip from the airport, completely air-conditioned facilities, a 1250-car underground garage with additional parking for thousands more, 4 restaurants, 26 conference and dining rooms. It's 16 stories high, and sports fans will be able to watch the Athletics in action during the Convention dates.

Make Reservations Early!

Your ANARC Reps have a limited number of reservation cards available free of charge upon your request. They require no postage, are addressed to the Hotel to ensure your accommodations should you plan to attend. We trust that all club members, realizing the task of asking a commercial business to turn away patrons so that club members will have rooms, will request these cards only if they are genuinely planning to attend and will live up to their reservation request once it is returned to the Hotel. If you're a younger member of NASA, we'd appreciate your notation that your family or such will be taking the trip with you and will be also attending.

Bus Tours too

Two bus tours and visits to the KC police radio setup, Commercial Radio monitoring, an AM-TV-FM station etc., are all on the agenda.

Extra fees

There will be a general fee of \$7.50 which will cover the Sunday noon luncheon and the tour transportation by buses. This is in addition, of course, to your accommodations and food expenses.

Questions?

Address all questions you may have about specifics to one of the following;

- James Howard, 6204 East 109th Terrace, Kansas City Mo. 64134
- Donald Jensen 1832 Ridge Drive Racine Wisconsin 53406
- Doug Benson 49 Washington Street, Lakeport New Hampshire 03246
- Frank Peters 820 West 34th Street Chicago Illinois 60608
- Bill Eddings 1503 Fifth Avenue Allentown Pennsylvania 16602

ANARC Reporte, continued...

Our proposal for a vote on an ANARC official contry list, for use by any interested, is progressing. the Executive Secretary set the last of April as deadline for vote receipt, so we won't know the results untill the June Frenx is out. Of course, we'll keep you informed completely.

One of our members sent a letter here suggesting that all member clubs abolish their wards programs, and have the Association of North American Radio Clubs issue onw award in each phase of listening service. He noted, with some insight, that it would elininate the rather "superfluous" quality of each club's issuance of certificates. Said he, in essence, if he had "Verified 100 countries" cc's from all the clubs to which he belonged, he'd still have verified only the original 100 countries, not the 300 the certificates would (on the surface seen to have proved. This is a good point, but we feel that attempting to alter each club's certificates and awards program would be rather like attempting to change the course of the planets, hi! Our correspondent pointed out that clubs are making money on these cc's, thus filling their own coffers at possibly little service to the DXer... And again, that is a good point. Untill, with some nathermatics and knowledge of "behind the scenes" activities at any club headquarters, you discover that very often membership fees (which naturally rise as members and mailing costs increase) cannot keep pace with the cost increase. There are clubs today sending out bulletins each month to members, and losing money each month. If a club has 400 members, puts out a 30page bulletin with postage costs at 20 cents, and charges \$3.00 per year dues: Paper cost is then $30 \times 400 = 12,000$ sheets per month. (Visit your local distributor and price 12,000 sheets of paper some time!) Add to that the cost of stencil ink by the gallon, the cost of stencils (10 cents per sheet) plus 400 envelopes and stamps, and you'll quickly realize that that club is losing money. We feel, therefore, that any club publication is a bargain at its cost, and that extra moneys coming in to help support the club must be applauded and should not be thwarted. It all helps keep the rising cost of bulletin publication down. Thanks to our good friend and correspondent for his interest in ANARC, and we hope this brief explanation is of value to him in realizing why your Representatives couldn't vote in favor of submitting the above proposal to the Association.

Directed to Joe Fela; Joe, please send us a list of mediumwave abbreviations as used by NASA. We'll forward to ANARC, which is thus to compile a master list for distribution. Only one club has been hrd from, so far. Frankly, some of the abbreviations used in MW Section are puzzlers to me too, non-BCBer that I am! Thanks. Doug.

We're still waiting for a completed draft of the Ethics Comittee's Code of Ethics for listeners, now in its sixth month of preparation. It should be a goodie when it comes out.

You are giving serious thought to a successor for Don Jensen, are you not? Don has already been elected to two consecutive terns, and, as the newest constitutional amendment points out in relation to the Presidency, that's enough for anybody! We've received some names to place in nomination already, and must say we were surprised to note some of the lesser-known DXers thereby brought to our attention. This excellent, and just what we want.

See you in Kansas City July 29-30-31st for the ANARC Convention!

Submitted: D. Benson
F. Peters

FRIENDSHIP CORNER

CARDSWAPPING & TAPESPONDING

In "UNITY
and
FRIENDSHIP"



Francis P. George WPE2NDD, Editor
Louis A. Molina WPE2OFN, Co- Editor 788 East 182nd St., Bronx, N.Y. 10460

Another month has rolled around and it is time again to bring you another edition of the "Friendship Corner" As we have told you in last month's edition, beginning with this issue of FRENDX, we are starting a new feature for you: PHOTO SWAPPING!! If you would like to swap photos of yourself or shack or both, send us your name, call signs and QTH which will be listed in the regular SWAP SHOP list. We will not have a separate list just for Photo Swappers. Some will have the plus sign (+) immediately before their call signs. Thus you will know which of you OMs swap photos IN ADDITION to their swap card activities. Please note we said IN ADDITION to and not in place of your regular card-swaps. Photo Swapping can still further add to the pleasure and fun of cardswapping. Since we made this announcement in last month's section, we have had very little response to this new feature. We have listed a few Photo-Swappers in this edition. We trust that much more of you will want to take advantage of this NEW activity. So please write and let us know how you feel about this new idea. Always keep in mind that we are all ears to any suggestions in concern with this section.

+++ SWAPPER OF THE MONTH +++

This month our featured swapper is well known to a great many of you OMs. He does not know that he has been selected by your Editor as our swapper for this month. He is a great guy and 100% card-swapper. Not only does he have the honor of being our swapper, but he is also our first "PHOTO SWAPPER" of the month. He comes from WPE2 land and the Empire State. His shack is a pride to behold and is very effecient as well as funtional. His QSL card has been called by HEADQUARTERS one of the most prized QSLs received by them. Needless to say his personal QSL is a PHOTO CARD of himself in his shack. His equipment consists of the Following: Hallicrafters-S77A, National NC109, He uses a 65ft dipole for antenna. This OM is also a CBER and uses a Lafayette HB400 with a Magnum M-81 antenna on base. In the movile he uses a Messenger 3 with a top leaded antenna. Being a active DXer he has 43 countries verified on SW, 51 stations verified on BCB, 24 states, 3 provinces. Total cards swapped 43 states, 6 provinces, 8 countries. Total QSL cards from SWL's, CB'ers, ARO's and Hams is 365. In the past, it has been heavily debated in these pages, whether we should list CB'ers with the regular SWLs. Many of you expressed the opinion that CBers should not be listed since they have nothing in common with SWL or DXing. This is true, many do not and never did have the desire to become a SWL. But our swapper is both a CB'er and an avid DX'er as well. Both his WPE call sign and CB are imprinted on the same QSL card. He is an OM that other CB'ers should be glad to immitate. All of his CB and SWL cards are always signed before mailing and more often than not, a friendly letter is sent out with each card. I must say that this OM does enjoy writing letters to all parts of the world. He truly lives up to our club motto of "Unity & Friendship" in all ways possible. He is deserving of our attention this month, not only for his Card-Photo Swap activities but for his club work. He is a devoted member of NASA and spends many long ours on club work, helping to get the Friendship Corner together and assisting your Editor in every way. He gives willingly of himself so that you can enjoy your hobby more and more. I have personally known our swapper for a long time and have been associated with him at every level of activity both as his co-worker and club work. I can tell you that he is a wonderful guy and you would want to get acquainted with him. He is WPE2OFN- Louis A. Molina, Your Assistant Editor. His QTH is 788 East 182nd St., Bronx, N. Y. U.S.A. Send your cards and letters out to him today!!!

UNITY

FRIENDSHIP CORNER - PAGE 2

FRIENDSHIP

While NASA encourages cardswapping for "UNITY & FRIENDSHIP" reasons, it by no means implies cardswapping should be the only interest of members in the club. ALL members should partake of one/some form of DXing and submit reports to the proper section editors. Cardswapping should never be the only interest of any member! If it were, then such member would best relinquish NASA membership in favor of one in such club as ILSA (International League of Signal Chasers) which is solely made up of cardswappers and tapesponders.....Bill Eddings

DO NOT!! Send names from other lists! DO NOT!! Send names unless you have received swap in last 30 days (month) DO NOT!! Merely copy names from other bulletins swap lists and submit to other section editors! DO NOT!! Submit names of swappers who dont sign/fill in cards accordingly! DO NOT!! Be a cold swapper, in swapping always intend to promote our note of "UNITY & FRIENDSHIP"!!

+ + + + + CARD SWAP + + + + +

CALIF.	WPE6EPZ	Ferdinando Martino, Sr., 7632 - 52nd Ave., Sacramento	*
	WPE6FQU	Jack Alexander, Jr., 1639 West Ball Rd., Anaheim 92802	JH
	WPE6GBC	Henry M. Slade, 136 Tamarack St., Vandenburg A.F.B. 93437	*
CONN.	WPE1GJN	Ralph Trace, Jr., 4 Fox Ridge Lane, Avon 06001	D
	+WPE1GAK	Austin Arnold, R.F.D. #1, Box A-26, Litchfield 06759	*
	WPE1GNF	Garry Hills, Pine Drive, Lake Garda, Unionville 06085	RI
HAWAII	KH6FE3J	Lyman Morikawa, R.R. #1, Box 735, Pukalama, Maui 96788	RI
IDAHO	WPE7RNE	Leland D. Bunch, Route 2, Wilder 83676	RI
ILL.	WPE9EJO	Roy Fansler, R.R. #3, Fairfield 62937	DS
IND.	WPE9HPM	Mark Hcsmer, 130 Beechmont Drive, Carmel 46032	RI
KANSAS	WPE9BBF	Curt Webber, 16 Villas Street, Leavenworth 66048	PZ
KENT.	WPE4FWH	Roy L. Moore, 307 Mann Street, Hazard 41701	RI
	KH23503	E. O. Whitfield, 355 South Harrig Street, Madisonville	RI
MASS.	WPE1FXF	Phil Zucchi, Box 443, Thrush Avenue, Manomet	*
MO.	WPE0ERW	Patrick Fitzpatrick, 11937 Debonnaire Drive, St. Louis	RI
MONT.	WPE7CER	Bill Caffyn, 2521 Fourth Avenue, Great Falls 59401	RI
NEW HAMPH.	WPE2MIL	Doug Benson, 49 Washington Street, Laconia	RI,*
N. J.	KB14513	184 Wales Avenue, River Edge 07661	RI
	WPE2MHP	Peggy Stobb, R.D. #1, Box 59, Pittstown 08867	*
N. Y.	K021755	Donald White, St. Remy	RI
	WPE2NEU	Larry Joe Bennett, 72-50 Kessel Street, Forest Hills	RI,*
	WPE2FGX	David Lister, 1332 Journal Avenue, Elmont 11003	**
	WPE20BU	Fred J. Gaiser, 6169 - 56th Street, Maspeth	**
	WPE2NWQ	Michael Lee, 18 Macomb Street, Plattsburgh	**
N. C.	WPE1HQL	Jerry Headen, 2505 Cole Road, Winston-Salem 27107	D,*
OHIO	WPE8FAX	Herbert Keesecker, R.D. #1, Cortland 44410	RI
	WPE811A	Phil Smith, 332 Highland Terrace, Dyaton 45429	*,DS
	WPE811X	Daniel Moll, 409 Green View Street, Upper Sandusky	JH
	WPE8100	Edward F. Gold, 816 South Miami Avenue, Sidney	*
	WPE8NOV	Mike Boyle, 3304 West 46th Street, Cleveland	*
PENNA.	WPE3GQO	Mike McElhatton, 128 Cameron Road, Willow Grove 19090	D
	WPE3GLB	Walt Gilchrist, 1638 S. Newkirk Street, Philadelphia	RI
	+WPE3SWL	William P. Stevens, 514 N. 2nd Street, Jeanette 15644	D
	WPE3GKR	David Schmidt, 44 Green Lane, Green Ridge 19014	D
	WPE3BWL	Bill Eddings, 1503 Fifth Avenue, Altoona, 16602	DS
	WPE3EXG	Bob Reinhard, Catalpa St., Middletown	DS
	KH54502	John Orapallo, 1625 S. Juniper St., Philadelphia 19147	DS
	WPE3AK	Ed Kowalski, 757 S. Third Street, Philadelphia 19147	DS
	WPE3PIX	Richard J. Zweier, Jr. 439 Cumberland, Street, Lebanon	*
R. I.	WPE1GLJ	Doris Lautieri, 57 Overhill Drive, West Warwick	RI
TENN.	WPE4EMX	David O. Hailey, 1013 Graybar Lane, Nashville	*
TEXAS	WPE5EIS	Dan Shoaf, 6906 Hartland Avenue, Houston	DS
WIS.	WPE9JN	Tom Mann, 1805 East Elmdele Court, Milwaukee 53211	RI

WIS. "Continued"

	WFE9CCZ	Richard Jenneman, R.R. #2, Box 104, Stanley	53211	*
	WFE9HIS	Larry Nelson, 2516 - 6th Street, Two Rivers		**
WASH.D.C.	WFE7BHC	Bill Colyn, 3902 Wetmore, Everett	98201	D
	WPE7AQN	Thomas King, 910 Harvey Road, Pullmann		*
Canada	VE6PE7E	Gerald Reid, 2816 - 24th St., N. W. Calgary, Alberta		AA
	VE7PE1AF	Kenn Clapp, 6204 Dawson Street, Burnaby 2, B.C.		AA
	VE3PE2EI	Maris Sorensen, 77 Melville Avenue, Toronto 4, Ont.		AA
	VO3NA	Jack Willis, P.O. BOX 255, Goose Bay, Labrador		AA
	SWL4TH79	T.J. Terry, 205-236 Talbott Avenue, Winnipeg		DS

 ***** OVERSEAS *****

NEW ZEALAND:	ZL1PE1AF	-Merv Butler, 90 Mornington Road, Dunedin		DS
JAPAN:	JA3-1953	-Hiroschi Omubo, 310 Fukuhara, Kasama City		DS
"	JA3-4962	-Yukio Ishiguro, 65 Mitzuzawa Nakamachi Kaanagawa-ku,		DS
HUNGARY:	HA6-016	-Jozsef (Joska) Gyurko, Nagyhatony, P.O. Box 2, Budapest	5-D	

Our thanks go out to the following OMs who took time and effort to report this month. If you sent in a report and it did not appear in this issue, look for it in the June issue of FRIENDX!!

Ralph Trace, Jr.,	WPE1GJN...	RI	**	Direct	D
Austin Arnold	WPE1GAK...	AA	**	Editor	WPE2NDD....	*
David Schmidt	WPE3GKR...	DS	**	Co-Editor	WPE2OFN....	**
Phil Zucchi	WPE1FKF....	PZ	**	Jerry Headen	WPE4HQL....	JH

The following letter was received and asked to be published. Letter reads as follows.

Dear OMs:

We need YOUR HELP!
 Many "HAMFEST", "CONVENTION" & JAMBROREE" committees have asked us to set up a display of QSL Cards at their events. It is felt that a display of this nature would serve many purposes.

- 1- MANY would learn for the first time that there are OTHER fields of interest within the "RADIO WORLD" and surely will become interested.
- 2- It will encourage BETTER QSL Cards, as only the best cards in each field will be displayed.
- 3- GUESTS will become more interested in our hobby.
- 4- There are always periods of Inactivity at these events and this display should help to keep from becoming bored.

THIS IS WHERE WE NEED YOUR HELP...

We are lacking MUCH of the material needed to set up such a display.

FIRST - WE NEED YOUR QSL CARD.

SECOND - We need either the CARD or the CALL and QTH of any GOOD Cards in the following categories:

- A., Foreign Amateur & SWL Cards.
- B., AM-FM-TV-Weather station Etc. Cards.
- C., U.S. Amateur & SWL from the STATE CAPITALS.
- D., U.S. Amateur & SWL 2 LETTER Cards.
- E., U.S. Amateur & SWL CLUB Cards.
- F., U.S. Amateur & SWL Calls overprinted on PICTURE Post Cards.
- G., CANADIAN Amateur & SWL cards similar to the above.
- H., ANY material suitable for such a DISPLAY.

May we hear from you soon,

88's from SHIRLEY, 73's from EVERETT W1CJB-K1VRO, WPELDJR-KAR0738

MAILING ADDRESS: P.O. Box 411, Westfield, Mass. 01685 U.S.A.

So, OMs, lets see what you can do in regard to the above. Remember our motto.

THINK TWICE BEFORE
 SENDING CARDS!
 FOR THIS PURPOSE.

SPECIAL FRENCH SWAPPERS REPORT

Paul Bassiri recently informed me of four cardswap awards given by the R. E. F. of France. First of all, here are the requirements for the four awards.

- AWARD #1- Must have swapped with 90 different French departments and 20 districts of Paris.
AWARD #2- Must have swapped with 75 different French departments and 15 districts of Paris.
AWARD #3- Must have swapped with 50 different French departments and 10 districts of Paris.
AWARD #4. Must have swapped with 25 different French departments and 5 districts of Paris.

+++The following is a list of FRENCH swappers who swap 100%+++

- REF-11510- Daniel Bessiere, 10 Rue Leriche, Paris
REF-15649- Rama Denis, 32 Rue de Touno, Annonay Ardeche
REF-15210- Fontannaz Andre, HLM No. 4, Champagne, Thonon-les-Bains Ete-Savoie
REF-15967- Maire Jean-Claude, Lotissement Leclerc, Badouville, M-et-M
REF-14845- M. Claude Million, Le Cavereau, Nouan-sur-Loire, Loir-et-Cher
REF-14688- M. Maurice Roux, 2 Rue Francisque-Sarcey, St.Denis, Seine
REF-16217- M. Joel Jacquemin, 2 Allee Paul-Painleve, Sarcelles-Locheres, S-et-O
REF-15760- Pierre Dousset, 1 Rue Malcusinai, Toulouse, Hte-Garonne
REF-16531- J.P. Duburoq, 13 Rue JeannedArc, Amiens, Somme.
REF-14432- Geard Exion, 12 Square Des Fusilles, Grenoble, Isere
REF-16097- Marie-Ange, Parmatier 12, Avenue du colosel - Fablen, Saint-Dennis(Seine)
REF-11539- Raymond Guerin, 73 Bis, rue Lazare-Carnot, Charlette-sue-Loire
REF-15284- Jean-Pierre, Apere, 1-rue Haute-Chittohere, Laval Mayenne
REF-13667- Andre Marcon, Sain-Sauveur-d-Aunis, Charente, Maritime
REF-15447- J. P. Eprinchard, 116 Rue Montagofier, Montessonpla Borde, SetO
REF-12369- Jean Arquevaux, Senon(Mause) Albertm Podetti, Avenue du Dricalmette
REF-13627- Jean Claude, 193, Avenue de la Republique, L,Isle-d- Espanac
REF-14639- Jean Marie-Grosbois, 18 Voulevard de Quest, Le Raincy S-et-O
REF-12410- Paul Michel, Cite Cavaliers, Batiment, Gascoigne, Villefranche
REF-14768- Francois Henry, 95 Rue de Passy, Paris 16.
REF-15602- A. Gayraud, 91 La rue du Fg-Street, Martin Paris 10
REF-10136- Rollin Andre, 31 Rue Jeane-Moulin, Bondy, Seine
REF-14490- Rene Lacerle, 79 Avenue des Acacias, Nice A.M.
REF-15226- Robert Desvignes, 107 rue Laennec, Lyon 8, Rhone
REF-10148- Rolland Maurice, 20 Gde Rue, Sierk-les-Bains, Moselle
REF-14541- Jean Marc, 57 Rue Beaumarchais, Bergerac, Dordogne
REF-15442- P.A. Lepincon, 8 Bis, Pd., de Laval, Vire

The foolowing report comes from Sgt. L. M. Jones RA53079788 - Stationed in Vietnam. NIGHT PATROL: In Vietnam, night belongs to the gerrilla fighter. American soldiers moving into the dark jungle to meet the guerrilla on his own terms of ambush and swift withdrawal regard night patrols as a tense and terrorfilled assignment... Coming from a world of lights where even the tent cities of infantry units in the field reflect the glitter of America,s genius for suply, the soldier on night patrol finds himself prowling in jungle filled through a strange and ominous world. Night patrol, No flashlights, No.cigaretts, No talking. Under a moonless sky, lit faintly by the distant stars, the column moves forward through the night each man following the glow of two phosphorescent dots on the back of the man's helmet in front of him. Each step forward is an adventure for it may be the last a soldier ever will take. Night is the time when the gerrilla plants his mines and sits safely in the crotch of a tree waiting to trip the wire.Taths cut through the jungle by previous columns must always be suspect. Here the guerrila digs a shallow pit and plants the sharp bamboo pongee stakes that can cripple a soldier through ones agonizing mistake.

THE BALLANCE OF THE ABOVE "NIGHT PATROL" REPORT WILL APPEAR IN THE JUNE ISSUE!!! Till then, 73's

Frank-Low



NEWSROOM



Doug Benson, Editor

49 Washington St., Lakeport, New Hampshire 03246

Say did you count the pages in Frendx last month? $34 \times 2 = 68$ pages. One of the biggest bulletins yet, and bigger than what the Madison Avenue crowd likes to call "our biggest competitor". Let's all contribute to the "aspirin bottle a month" fund for poor hard-working Bill Eddings. Think of licking 500 stamps and envelopes! We have it on good authority that Bill has to sprinkle Adolph's on his tongue to get the taste buds back in operation every month.

Pulling up our trunks, we jump into the newspool this month, making the following splashes:

Voice of Free Thailand Radio station has apparently been established in Communist China, says G. Carnack, Scripps-Howard staff writer, in an article submitted by Shortwave Editor Ron Luyster. No further details are sent.

Bombshell of the month

It didn't get much publicity, but Dick Lewis, writing for the Chicago Sun-Times, says that space experts are studying the possibility that the recent abortive flight of the Gemini 8 may have been sabotaged by a foreign radio signal. (This does not necessarily mean "foreign" in that it may have come from another country, but just that it had no business being there) Unexpected interference would be a plausible explanation for the spacecraft's sudden and erratic gyrations, due the firing of the attitude control rockets. The docking operation was completed successfully, but the craft was then hurled into a wild series of gyrations. Pilot error has been ruled out. If the firing was indeed caused by a foreign signal, notes the Chicago writer, whether or not accidentally, NASA officials are at work to perfect counter-measures to prevent any such future occurrence. The "first blood" has already been drawn in space interference, and it came from our side, when the Jodrell Bank Observatory intercepted pictures being transmitted by the Soviet Luna, so there can be no denying that interception is indeed a possibility. The experts are now working to combat this latest possible takeoff on the old art of jamming a radio signal. There are still other explanations for the unexpected rocket-firings, among them a possible mixup in a signal sent the Agena Rocket to turn on its tape recorder. However, the recorder "on" signal was relayed through the Gemini craft after the docking. And, although it seems the only other explanation, it's been discounted by many. The experts shudder to think what would have happened, had the main engine fired, instead of just the small control rockets. If it had, the two astronauts may well have been on their way...a few years ahead of schedule...to the moon. 'Tis a known and accepted fact that, with a known radio frequency in its grasp, any nation on earth could have sent the radio signal to fire the monster Agena into action, thus causing the first serious failure in our men-in-space program, and casually throwing away the lives of two brave astronauts. (Via Ron Luyster)

News deadline at Newsroom Headquarters is the 15th of May!

More...

Is shortwave radio DXing slated to be a thing of the past?

A few months ago, we carried an item concerning satellite use to boost shortwave service, thus providing an artificial E-layer, and insuring continuous perfect shortwave reception to the target areas. Now, via UPI and Ron Luyster, comes word that the Federal Aviation Agency, together with Comsat, the communications satellite company, may be on the verge of orbiting a satellite to make more reliable aeronautical communications over the Atlantic for in-and-outbound commercial airliners.

Have you noticed? Reference our comment on "hertz" versus "cycles per second" last month, a number of publications in this hemisphere are swinging that way in print.

Mm Comm may hit big by Nav sez Syl (Shades of a "Variety" headline)
Millimeter Communication is being studied by Sylvania Electric under a Navy contract, toward permitting limited range communications between surface craft. Mm waves of 30,000 to 300,000 Mcs offer the military virtually unused frequency space. Current microwave (1,000 to 30,000 Mcs) fall short of the space available in the Millimeter-wave transmission service. (Via Joe Madara, Delaware)

SONY with color recorders

SONY is putting out a color television recorder for less than \$2000, and a converter for the present black and white recorders for under \$1000. Should be available by the middle of next year. (Dick Jeneman)
I agree with you, Dickie. Let's both run right out and get one.

SCDXers says that Deutsche Welle the only station in the World to schedule regular programs in Sanskrit. And Swedish Radio is now going to "hertz" instead of "cycles per second"...It seems this sudden interest in compliance with International Agreements is one of the few such agreements, excepting allocations, ever agreed to by anybody.

Radio Kiev tells Ye Ed that beginning this month, they'll be on the air to North America on an additional day, Saturday...

Dickie Little, Harbound Roundup editor, says that if he misses one month's deadline, we've already published everything he's managed to find in local papers and more. That's one fine compliment to our reporters, Dick. They/we stay on top of everything. Dick sends:

LBJ group buys cable stock

Texas Broadcasting, owned by President Johnson's family business interests, has bought half the common stock of Capital Cable Co., op of an Austin Cable TV system. The president of CCC says that they've lost money in the past fiscal year. KTEC-TV, also under Johnson family ownership, is the sole VHF station in Austin.

FCC cracks down

Seven stations were slapped by the FCC in the form of one-year license renewals, instead of the usual three-year renewal, for carrying too many ads. Four were in California, one in Texas, one in Neb., and one in New Mexico.

"Long John" prevents suicide (Story of the month)

Regular listeners to WNBC New York hear Long John Nebel's talk and gab show nights. On the second day of February, he prevented a suicide, recognizing the first caller on his midnight show as being a despondent housewife who had called the night before. He had asked her to call him the second night. She did, gave his engineer the QTH, and Nebel got police to the scene. He said he took the threat seriously because in 1957 a similar caller later committed suicide.

Prague Radio bows to capitalistic trash music (our special drippy nose award of the month) Czech Radio is now playing Beatle music, on the Home Service. But not because they like it. Seems the alert redski monitors caught Czech youth listening to RFE's swinging programs, and decided to recapture (pardon that choice of words) their audience by following suit. (Ron Luyster via UPI)

Russia pushing tv in newest economic leap

The Minister of Soviet Communications predicts that tv and radio stations will increase from 500 to 800 by the close of the latest five-year plan in 1970. (That'll be quite a stunt, seeing as how they now have 130). And they're thinking of world communications system using their satellite, covered here two months ago. (Ron Luyster)

"Here we go again" dept.

SCDXers, wisely placing tongue in cheek, reports Switzerland Calling noted an American listener reporting a transmission from Radio Atlantico, Canary Islands from 1400-2000 in English, no less. Perhaps they have changed their National language, hi.

Tape recording news

A new cleaning tape has been introduced by Robbins Chemical Corp. It's cloth, of course, with the 3" model costing \$1.65 and the 5" model for \$2.50. You run it through the heads to clean them.

There's a new series of programs from Portuguese Radio, with the transmissions commencing on April 29th, featuring Richard Ginbey of South Africa (isn't he a NASAer, Bill?) The program is taped etc in South Africa and is billed as "something entirely new for American and European listeners"...our news source didn't make clear whether this program will originate from South Africa each week, or whether the programs will feature a different locale. Editor.

COMSAT plans total satellite system

Comm. Satellite Corporation has asked the FCC for permission to build six advanced global satellites for launch sometime in 1968, in synchronous orbits. This fall, Comsat will place two more "Early Bird" type satellites in operation, one over the Pacific the other over the Atlantic. (EB was launched in April 65 and has only an expected 18 month life span)..

In another satellite development, the Spanish National Telephone Co has asked ITT to design and build a receiving terminal for TV and voice transmissions from a satellite to be launched next year. The receiving station to be located near Madrid. (Gerry Dexter via Broadcasting magazine) Thanks Gerry.

Will not push xstrs sez FCC

The FCC nixed the idea of a publicity push for transistor radios, but did the next best thing; Urged broadcasters to beat the drum for such receivers. (G. Dexter, same source)

FCC Cornish in Geneva

FCC Commissioner Lee Loevinger will be in Switzerland for two months as a member of our delegation to the Aeronautical Extraordinary Administrative Conference of the ITU. (G. Dexter)

Reds step up broadcasts, says Gary Fredericks via AP. Communist stations upped their broadcasts by 30% in 1965, including a big upping of Peking's transmissions aimed at Russia. From USIA report.

 Gary Wallin, our man in Marcus, is up to his old chuckling tricks again. Witness the first news item hereon.

Cosmonauts carry "scare meters" (Or "you can't keep a good man down but you can find out if he wants to stay there")
 The Soviet magazine Ogonyok has stated that Soviet Cosmonauts carry "fear meters" into space with them. The instrument measures the "psychic state of man to a certain degree and registers the slightest nervousness or lack of confidence". It was first used on the Russian space twins Nikolayev and Popovitch in 1962, and showed them to be apprehensive preceding takeoff but relaxed once in orbit. (AP)

Men pull strings; puppet dances in space

A man sitting in a control room on earth could control the movements of a telepuppet envisioned by making motions with his hands, etc. if current plans are brought to fulfillment. The telepuppet would carry television camera eyes for use of the earthbound operator, and could perform many duties in space, thus leaving men free to continue with other missions. In all respects save one, the puppet could perform as well as a human... That failing being inability to quickly cope with sudden or unexpected needed action. It's not just a pipedream, say space men, as such a puppet could now be built. (Via Bill Eddings and the Science News Letter)

April Fools joke costly

A false distress message, resulting in the Coast Guard sending out six cutters, two fixed-wing aircraft, one helicopter, two merchant ships and a Navy Patrol plane, was reported picked up by hans in Slidell, La. and Atlanta the first of April. They reported an SOS from the tanker Gulf Queen, said to be sinking in the Gulf of Mexico. However, the ship radioed later it had not been in trouble. The message, said the Coast Guard, probably originated in New Orleans. It cost the government thousands of dollars to track down. (Luvster, UPI)

Planning to install automatic garage door operator? Tune it somewhere near the low frequency citizens band if you're living near an airport. Make sure it won't interfere with local air traffic. (Pitts. Press via Ron Luvster)

BULLETIN
 Via Ron
 Luvster
 and BBC
 Newscast

BULLETIN BULLETIN BULLETIN
 BBC Radio has been declared "persona non grata" in Rhodesia due activities of Bechuanaland transmitter and other transmissions critical of Smith Regime. All BBC personell asked to leave Rhodesia along with equipment.

Thanks to our reporters this month; Bill Eddings, Ron Luvster, Dick Jenneman, Gary Fredericks, Gerry Dexter, Gary Wallin, Dick J. J. Madara, Jack Keene and SCDXers.

See you here next month for more news... Doug WPE2MI 1

We've been getting a nite off the track, it seems to us, in recent months, by including news not directly concerned with shortwave radio communications. Not that we don't appreciate items sent in, hi, but lately we've been receiving clippings etc. that have nothing to do with radio at all, let alone shortwave radio. If the items carried herein have gotten so far off the path that members are confused as to what we'd like, perhaps it's our fault as editor. We'll thus be concentrating more on shortwave news items in the future. Your adherence to this policy will be much appreciated. Editor.



NASA SHORTWAVE CENTER



Ronald Luyster, Editor

Route 1, Flushing, Ohio 43977
.....

ALL TIMES GMT

MAY

DEADLINE 15th

AN APOLOGY...Mail has been arriving at Shortwave Center in ever-increasing amounts each month and your editor is more than a little behind schedule answering it. I ask your understanding in this matter and assure all that a reply will be forthcoming eventually. What I need, fellows, is a good secretary. hi!

LATE NEWS ITEM....Word direct from WRJL, New York City, indicates they have no connection at all with any new commercial SW station being planned for Japan. This fact contrary to item recently published in another bulletin. (Gerry Dexter)

A.I.R. BEGINS GENERAL OVERSEAS SERVICE....From the 1st of April 1966, the External Services of All India Radio introduced an extensive General Overseas Service in English, which is on the air for a duration of 9 hrs and 45 mts every day. The Svc, is divided into four daily transmissions--2345-0115...1000-1100...1330-1500 and 1745-2230 GMT. The first xmsn will have East, North East and South East beams covering Burma, Thailand, the Vietnams, Laos, Cambodia, China, Japan, Korea, Malaysia, Singapore & Indonesia, using the 25-31-41-49 & 75 m.b. The second xmsn, through North and South East beams, can be heard in China, Korea, Japan, Australia and New Zealand, using the 18-19 & 25 m.b. The third xmsn will have a South East beam and will be directed to South East Asia in the 19 & 25 m.b. The fourth xmsn, which is the longest in terms of duration (4 hrs 45 minutes), will cover thru a North West beam, UK and Europe for the entire duration of the xmsn. A South West beam will serve East Africa from 1745-1945. Between 1945 and 2045, listeners in North and West Africa can hear the program through a West beam. Additionally, the program can be heard from 2045 to 2230 in New Zealand and Australia on the South East beam. The fourth xmsn utilizes the 25-31 & 41 m.b.According to the latest World Radio Bulletin, these frequencies will be in use during the fourth xmsn: 1745-1945 on 11715 kcs....1945-2045 on 9690 & 11740....1945-2230 on 9915, 7215...and 2045-2230 on 9915 & 11905 kcs. Exact frequencies used in the other three xmsns are not known at the moment. The GOS is the latest feature of the External Services of A.I.R. which first came into being shortly after the outbreak of World War II--on the 1st of October, 1939, to be precise--when it started a service in Pushto for listeners across what was then the country's North West frontier. During the succeeding years, services directed to other parts of the world were introduced. On April 1, 1966, when the GOS came into operation, the program output increased to 27 hrs, 10 min. a day in a total of 19 languages including 15 foreign languages. The main objective of AIR's external broadcasting is to present the Indian point of view on current, domestic and international affairs and to acquaint listeners in other countries with the various facets of Indian life and thought. Each language service is carefully planned to offer a composite program consisting of a news bulletin, commentary, press review, talks on matters of general & cultural interest, occasional feature programs and documentaries, interspersed with Indian classical & light classical music, film songs, folk songs and orchestral music. ...Let's express NASA's appreciation for this new English service by listening & reporting regularly to All India Radio!

(Tnx for above info to Del Hirst, Mike McIlhenny and the World Radio Bulletin.)

THE RESULTS OF RECEPTION REPORT RECOUNTER

Judges; Don Jensen & Gerry Dexter

There were only seventeen entries, somewhat disappointing in that respect, but in general we were pleased with the overall quality. Naturally, everyone has their own idea of what goes into a good report, and though we disagreed with various points in some, there wasn't one that did not contain the necessary information that could justify the issuing of a verification. We felt then, in general, the contributions ranged from fairly good to excellent.

Choosing the winner was the result of considerable study and discussion...there were about four or five that were close in quality, and so we decided upon three winners: 1. First place- Mike Luechtefeld, Illinois (won 1966 edition of World Radio-TV Handbook plus citation certificate) 2. Second place- Danny Douglas, Texas (won copy of "How to Listen to the World" plus citation certificate) 3. Third place- Mark Hosmer, Indiana (won copy of "How to Improve SW Reception" plus citation certificate).

As mentioned, the choice was tough in narrowing down the finalists. Honorable mention should go to old pro's Victor Jaar and Doug Benson who submitted fine entries too. If we did show any bias in reaching decision, it was probably in favor of the less experienced listeners who seem to have come a long way in a fairly short time in the hobby. A bit on each of the winners:

Mike is a high school student; His report was a model of clarity and conciseness, but included everything a good report should. It was neatly laid out and presented in a logical manner. His report covered a transmission of Radio South Africa.

Danny's report, to Radio Ceylon, was a slightly different format employing a more informal approach which included interesting data about himself and his interest in the hobby. His description of the technical details of the logging was spelled out with extreme clarity in a long paragraph. His listing of program details was also very complete. Danny is 25 and has been in the hobby for three years; He works as an insurance investigator and attends college part time.

Mark's entry won our vote because of its completeness. He followed still a third format. Mark uses a very complete two page report form that includes all the data one could wish. With this form, he included a very informative and chatty letter about himself and his hobby interests. His was addressed to Radio Nederland. Additionally, he enclosed an SWL card of his as a "sweetner". What really surprised us was that he is only 14 and a sophomore in high school, has been RXing less than two years.

The three winning reports had a number of things in common; All ran two or more pages in length, all were complete in the details of items logged and broke the information down by the minute or two minute intervals, not simply as usually seen in some less detailed reports. Too, all three were alike in the usefulness of the technical info to the station engineers...that is they included more data about reception conditions than simply SIMPO numbers. All three contained interesting personal data of writer. In short, they each contained the three essential qualities that set them aside/apart from the average report...completeness, correctness, and interesting to read.

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In coming months we will try to come up with a critique on the entries in general and effort to point out what we consider good and not so good elements. At that time no names will be mentioned.

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Listed publications given as prizes were donated by Don Jensen. Citation certificates were issued by the club. Our congratulations to the winners and thanks to all those who submitted reports/entries.

DJ

WATCH FOR INFORMATION AND NEWS ON OTHER CONTESTS FOR SWBCers TO BE ANNOUNCED SOON!!!

XXXXXXXXXX AROUND THE SWBC WORLD NEWS XXXXXXXXXXXXX

It is reported that the Ministry of Communications of Thailand will allow the Voice of America to erect a 400-kw shortwave transmitter in the northern part of that country. Plans call for the station to be in operation by the end of 1966. This high-powered voice will take the place of a station originally planned for erection in India.*

The Gabon Republic shortwave xmtr at Libreville is broadcasting on 4755 mcs, not 4777 as listed. Using 30 kw on this frequency, the outlet has English lang. programs from 1915-2000. The program then continues in the French language until 2200. Verification is by letter and a copy of the station's program sked is enclosed. Send reports to: Boite Postale 150, Libreville. *

The Voice of Morocco may be heard daily with Eng. language programs from 2030-2130 on 11735 mcs. At times, but not on a regular schedule, the station puts two more xmtrs on for the broadcast. It is suggested that listeners monitor 9615 & 15345 mcs during the transmission period. Return postage is required to obtain a verification card from: Radiodiffusion Television Marocaine, Rue Pierre Parent, Rabat, Kingdom of Morocco.*

Portuguese and vernaculars of the South Sea Islands are the languages used by Radio Timor. The station transmits on 3268 mcs daily from 0430-0600 and from 1000-1430, on Saturdays to 1500. The management informs listeners it has now caught up on its backlog of answering requests for verifications and now is in a position to answer promptly. Reports should be sent to: Emisora do Timor, Dili, Portuguese Timor. *

Thomas Christian of Pitcairn Island, VR6TC, is operating Sunday thru Thursday on 20 and 15 meters. He observes a silent period from 2200 Friday to the same time Saturday. Christian is a direct descendant of one of the original settlers on the island. For verification, send a self-addressed, stamped envelope to: John Maddox, W4TJ, 1403 Woodside Road, Johnson City, Tenn. Be sure to use GMT in all reports. *

In its latest sked, Radio Norway lists two daily xmsns beamed to the USA at 1300-1430. It may be hrd on 11850, 15175, 17825 & 21730 mcs. From 1500-1630, the second broadcast is on 9550, 9610 & 11850. Both xmsns in parallel with the medium wave station on 1578 kc. A third xmsn to North & South America and the Antarctica is radiated on 6185, 9610 & 11850 mcs, along with 1578 kcs. from 0400-0630. Frequency schedules & verification cards are issued by Erling Thokle from Radio Norway, Oslo. Return postage is not required. *

According to reports, time and freq. standard station WWV plans to move from Maryland to Colorado starting at 0000 GMT on July 1, 1966. (Henderson)

HRVC, La Voz Evangelica, Honduras states in a recent QSL letter that they are still testing and issuing the letter as a provisional QSL. The General Manager lists power input as 3.3 kw, instead of 5 kw given in WRTH'66. (Henderson)

According to the latest program sked, Radio Ghana broadcasts to North America at the following times: 0330-0430 on 6110 kcs and 2000-2100 on 11800 and 9760 kcs. (Wedel)

Leo LaBute of Emisoras Pio XII, Bolivia is currently on vacation in Tecumseh, Ontario and would appreciate hearing from NLSA members. He can be phoned at 735-2735 or written to at 12325 East Tecumseh Rd, Tecumseh, Ontario, Canada. Leo was present the night back in Nov. when Emisoras Pio XII was dynamited & bombed with "Molotov cocktails", so he should have some interesting stories to tell. (Lee, w/comments by Editor.)

The address of Radio Eco, 5010 kcs, is: Calle Morena 20-22, Iquitos, Peru, in answer to query last issue. (Field)

The Central American Mission st., TGNA, will increase power to 10 kw in very near future, according to the organization's official publication. (Field)

*(Newark Sunday News via Joe Fela Jr.)

The Association Interamericana de Radio-difusion (the association of broadcasting stations in the Americas) held its General Assembly recently in Rio de Janeiro. It was attended by about 200 delegates who debated for four days on the problems of American broadcasting. Delegations came from Argentina, Bolivia, Brazil, Canada, Chile, Cuba, Ecuador, Honduras, Mexico, Nicaragua, Panama, Peru, United States, Uruguay, Venezuela. Observers were present from the United Nations, the Organization of American States and UNESCO.

Elected were an Executive Board and the chairman and members of various committees. The agenda of the committees and the plenary session included items such as the financial situation of the association, the continental campaign in favor of free enterprise, anti-democratic infiltration and activities in the news agencies of radio, and a recommendation that stations devote more time to educational broadcasts.

The plenary session adopted several recommendations, inter alia; the association should itself set up a committee to study methods of defending free enterprise, including broadcasting over the whole continent; an inter-American market of talent should be constituted; an annual award be given the station doing most towards the free enterprise campaign; an inter-American Exchange Center should be created, probably in Panama; governments should be asked by the respective broadcasting associations to draft legislation regulating the control of broadcasting; the quality and quantity of commercial announcements in broadcast programs should be supervised by the associations, in order to avoid all kinds of excess. Other proposals concerned copyright, interference and satellite relay in future. (via EBU Review)

Broadcasting in Zambia has now been assimilated into the Ministry of Information and Postal Services as a Dept. of the Zambia government, under the title of Zambia Broadcasting Services. (via EBU Review)

Radio Japan is currently making a survey on the types/makes/models of radio revrs used by its listeners..also antennae info is asked as well as program times listeners prefer. A souvenir will be sent to all who take part in the survey and complete/return questionnaire sent out.

RBI invites everyone to participate in its Spring Quiz Competition which will feature three questions about the GDR. The questions will be broadcast seven days a week in the North American Service, beginning May 2nd and lasting until May 20. Final mailing date of answers/entries is midnight May 25th. Main prizes are listed as cameras, radios, wrist watches, L.P. records, household appliances, books and musical instruments. These will be awarded by an international jury headed by RBI's director. Entries are to be sent to: North America Department, Radio Berlin International, German Democratic Republic. Frequencies listed are; 9730kHz, 11890kHz, 11920kHz and 11875kHz.

The Romanian Radio and TV, in collaboration with the National Travel Office is organizing a competition for listeners. Theme of competition is "Do you know Romania?" There are four questions asked; Answers are to be sent to: Romanian Radio and TV, P.O.Box 111, Bucharest, Romania. Entries must bear postmark no later than May 31st. Prizes include such as a twelve day vacation on the Romanian Black Sea coast, a 7 day excursion through Romania, 4 day excursion to Bucharest...also folk art, wood carvings, records of folk music, and Romanian wines. Material on theme of the competition will be broadcast every Tuesday and Saturday at 1930, 0130 GMT. (Info received did not list any freqs.)

Radio South Africa, P.O.Box 8606, Johannesburg..also called "The Voice of South Africa" will begin broadcasting May 1st. Complete sked reads: English; Mon-Sat 0415-0427 to Kenya, Uganda, Tanzania on 7270 and 9525kHz; 0500-0512 to Rhodesia, Zambia and Malawi on 5980 and 7270kHz; 1000-1455 African General Service on 7270, 9525, 11900 and 15220kHz; 1600-1655 to Rhodesia, Zambia and Malawi on 5980 and 7270kHz; 1700-1755 to Kenya, Uganda and Tanzania on 7270 and 9525kHz; 2100-2155 to Nigeria and Ghana on 7270 and 9525kHz; 2200-2255 to United Kingdom and Europe on 7270 and 9525kHz.

In the near future, RSA plans to introduce a service to USA/Canada which will consist of four daily transmissions. Later added broadcasts will be to Europe and still later, daily transmissions to the Far East will be introduced. (WRB)

Phil Zucchi, Mass.

ETLF, Ethiopia---card-2 $\frac{1}{4}$ mo.-11875.
 R. Pres. Balmaceda, Chile--card--359 days--9600.
 RNE, Canary Is. w/my homebrew card, stamped with station seal & signed by engineer. I rcvd it with no stamp on it! My homebrew card is my QSL swap card and has my address is in corner of the card. Sent direct to Canary Is.

Dan Henderson, Maryland

HRVC, Honduras--letter---23 days.
 ZL2, New Zealand--card, kiwi stickpin, tiki---69 days.
 R. Kiev--card---24 days---7310.
 R. Baghdad---card---66 days---6095.
 R. Malaysia---letter----18 days---6175. Requested further reception reports.
 R. Bucaramanga---letter---42 days---4865.
 R. Algiers---letter in French---answered homemade French rcpt rpt after ?? days.
 R. Brezaville---card---37 days---21500.
 R. Angola---card---42 days---7235.
 Rcvd letter from Peking that report to Hanoi (11760) had been forwarded. Took 73 days from Jan. 21st!

Mike McElhatton, Penna.

Radio Santo Domingo---card---10 days by air mail. Report to them was in Spanish and English, along with letter in Sp. Also enclosed front page from local newspaper.

Alan Raylesberg, New York

R. Brezaville....card & sked....2 weeks.....15190.
 Deutsche Welle, Kigali---card & sked.....3 weeks---17805.

Jerry Green, Virginia

Voice of Nigeria---card & station info---2 $\frac{1}{2}$ months.
 CHU, Canada-----card-----1 week.
 Radio Lebanon....card---2 $\frac{1}{4}$ months.
 R.E. Argentina---card---2 months.
 Deutsche Welle, Kigali---card---15 days.
 R. Tirana, Albania---card---2 $\frac{1}{2}$ months.
 R. Belize, British Honduras---card---15 days.
 Radio Havana Cuba---card---2 $\frac{1}{2}$ months.

Adelard Beaupre, Connecticut

R. Japan....card....my 14th QSL from them, all beautiful cards.
 ELWA, Liberia...15155 R. Cairo---9475.
 ISWC of London is trying to persuade countries to give proper info on QSL's such as freq., date & time, and more additional info.Radio Canada is having a contest for members of Radio Canada SW Club to pick design of proposed new QSL.

Barry Deal, Nebraska

Radio Moscow---35 days---7310.
 South African B/C Corp.---program sked.
 TGNA, Guatemala City---3 months---5995...included all station info.

John Wedel, Texas

Radio Ghana---card---25 days.

John Patton, Pennsylvania

Deutsche Welle, Koln--card---15 days.
 Radio Nederland---card---26 days.

Jack Widner, Indiann

ELWA---card & sked---65 days---15155.
 VOA, Liberia---14 days---7200.
 WWV, Greenbelt---8 days---5000. & R. Budapest---card---3 weeks---6234.

Jerry Henden, North Carolina

EBC, Cyprus---card--8 weeks, via London.

QSL



REPORT

Mike Leuchtefeld, Illinois
 VLT4, New Guinea---54 days.
 R. Amman, Jordan---22 days.
 D. Welle, Kigali---31 days.
 R. New Zealand---90 days.
 R. South Africa---64 days.

Roger Parker, Illinois
 TGNA, Guatemala---card---4 mo.--5955.
 R. South Africa---card---3 mo.--9720.

Mark Hosmer, Indiana
 VLM4, Australia---card---3 months.
 R. Sutatenza, Colombia---2½ months.
 TWR, Monaco---folder---2 months.
 Voice of Nigeria---card---5 months.
 VOA, Philippines---card---48 days.

Marlin Field, Michigan
 R. Dif. Taubate, Brazil---letter in Eng. w/pennant---4 weeks---4855 kcs.
 Rdf.-TV Algerienne---letter in French & report forms for future---8 weeks---6175 & 9680.
 R. Kiev, USSR---QSL plus schedule---8 weeks---7280.
 D. Welle, Kigali---sked in German, plus banner---2 months---17805.
 Voice of Malaysia---letter & dozen Malayan stamps---8 days by air---6175. Letter stated "aerials are designed such that only a SE Asia (plus Australia & New Zealand) wide coverage is envisaged".

Warren Nordgren, Illinois
 Angola---5 weeks.
 Mozambique---2 weeks.
 R. Senegal---3 weeks.
 R. Conakry---6 weeks.
 R. Tirana---2 months.
 D. Welle, Kigali---4 weeks.
 R. Tahiti---7 days.
 R. Evangelica, Honduras---7 days.
 Spanish Guinea---4 weeks.
 ABC, Papua (New Guinea)---3 weeks.

Danny Douglas, Texas
 R. Algerienne---form letter.
 R. Singapore---card.
 Radio Angola---card.
 Radio Ceylon---card.

George Zeller, Ohio
 French Telecom. Svc.--Fr. letter--1 mo.
 ITT Cable & Radio, Puerto Rico---card--1 wk.
 La Voz de Chile-9700---card--1½ weeks.

Frank Peters, Illinois
 Magadan, USSR-4996 & 9500---cards via R. Moscow....Aden--5060---card---8 weeks.
 CFVP, Calgary-6030---card---7 days.
 Tripoli, Libya---letter in 4 weeks for test report.

Andy Noznick, Illinois
 R. Presidente Balmaceda---2 months.
 CFCX, Canada---3 months.
 TGNA, Guatemala---3 months.
 Voice of Nigeria---3 months.
 ELWA, Liberia---2 months.
 Colombia---23 days. (What station? Ed.)
 ORTF, Paris---1 month.
 Austrian Radio---23 days.
 R. Ghana---2 months.

R. Sofia---card & sked--49 days--6070 plus folk tassels saying "Happy Spring".
 R. Berlin Int.---card--1½ mo.--6160.
 CFRX, Canada---card---3 weeks--6070.
 UN Radio---15 days & CHU--8 days-7335.
Gordon Schiff, Illinois

Gerry Dexter, Wisconsin
 Radio Americas---card.
 Radio Djibouti---folder.
 RCA Communications, Guam---letter.
 R. Universided, Mexico---letter and program book---9600.
 R. Libertad---card via NTS xmsn, Paris.
 Ondas Azuayas, Ecuador---letter
 ACA-Canal Zone---letter.

Marvin Nelson, New York
 R. Sofia---card---4 weeks.
 R. New Zealand---card, tiki, pin--8 wks.
 ETLF, Ethiopia---card---10 weeks.
 R. Berlin Int.---card---4 weeks.
 R. Warsaw---card---8 weeks.

Roy Fansler, Illinois
 R. Pres. Balmaceda---card-9600--137 days.
 R. Tashkent--9600---card---51 days.
 Utilities: Post & Telegraph, Austria.
 NAW, US Navy, Guantanamo Bay, Cuba
 Postes et Telecommunications, Martinique
 LHF-Oslo, Norway...Djibouti, Fr. Somali
 Deutsche Bundespost-Frankfurt, GFR.
 PIT-Monrovia, Liberia...P&T Amsterdam
 Italcable-Rome....East Africa Ext. Telec. Co., Nairobi, Kenya.

Next QSL reports on the following page!

Ralph Irace, Jr., Conn.
 CHNS, Canada----3 weeks
 Radio Portugal---3-4 weeks.

Bob Taylor, West Virginia
 RNE, Spain-9615---5 weeks via seammil.
 BBC, London-15300--1 month via seammil.
 Radio Sweden---1 month---via airmail.

William Sparks, California
 CJCX-6010---card----16 days.
 CFVP-6030---card----8 days.
 YVOA, Voz del Tachira-4835--card-20 days.
 VOA, Philippines-6145--card--2 months.

Elias Coulouras, Massachusetts
 R. Americas-8000--card---31 days.
 TWR, Monaco-7200---folder---35 days.
 R. Bucharest-CL90---postcard---28 days.
 ELWA, Liberia-15135---card in 70 days.
 R. Algeria-9685---letter---62 days.
 R. Mogadiscio-7120---letter---33 days.
 (WRTH states these latter two stations
 verify by QSL card. Have they changed
 their card policy? EC)
 R. Tahiti-6035---card---17 days.

Pete Grenier, California
 W1NB, Red Lion, Pa.---about 4 days.
 CBC, Canada---in about 2 weeks.
 R. Havana Cuba--in about three months.
 First time they've sent QSL, altho
 have mailed them dozens of reports.
 Anyone else have the same problem?

John Kohser, Pennsylvania
 ORTF, France-15190--card--8 days air.
 R. Finland-15165--2 cards--2 weeks.
 Vatican Radio-7250--card showing in-
 terior of station.--Took 3 months &
 return postage enclosed.
 R. 4VEH, Haiti-11835--card--1 month.
 R. Berlin Int.-5970--card & sked-3 wks.

NOTE...When reporting to QSL section,
 please include frequency verified and
 whether a card or letter was rcvd.

THANKS!

-30-

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

<u>0400</u>	6130	Unknown hrd w/Arab chanting 0440, announcement in Arabic at 0445 and cut off. (Robert Hill) According to WRTH, R. Ghana has an Arabic xmsn 0400-0445 on this frequency. (Ed.)
<u>2300</u>	6030a	Station noted testing here once, IS at 2300 followed by choral hymns, some silent moments, tone tests, abrupt s/off, then back again. Hrd till 2345, no announcements whatsoever. Heard only one day. (Victor Jear)
<u>2245</u>	5995	Station tent. IDed as ORTF, Martinique hrd 2245 w/Fr. mx prog., OM anncr. S/off w/ID same as typical Martinique s/off with abrupt carrier cutoff at 2302 after closing annc.'s by OM & YL. VOA-Tangier usually closes this freq. off but am almost positive of ID and freq. was measured with a BC-221. Thought could be Radio Andorra but don't think would mention "ORTF". (D.Henderson)
<u>0518</u>	4875	Station broadcasting English news and music. Speaker had British accent. Severe QRM. Hrd 4/7. (Dan Douglas)
<u>1050</u>	5050-5	News from 1050-1100 followed by a religious b/c--sounded little like Catholic service. Hrd 4/7 until 1113 when was drowned out by Morse code QRM. (Marlin Field) What language? (Ed.)
<u>2300</u>	8345a	Station noted at 2345 w/program of mostly talk in unid. lang. Jammed with same type jammer used on RFE & R. Liberty. QSB & SINFO 2332. S/off at 2350. (Jerry Headen)
<u>2300</u>	4220a	Spanish numbers st. hrd to 0000 s/off. SINPO 54445. (Jerry Headen)
<u>0500</u>	9750a	Station hrd w/IS, probably on a celeste, followed by prog. in unid. language. (Jack Widner)
<u>0920</u>	3385a	Somebody in French w/organ-type mx at 0920. Strong. (J.Widner)
<u>1640</u>	15190a	Station ID'ing in Russian as "R. Istantia Atlantico. (J.Widner) Probably the "Radiostantsiya Atlantika" Svc. from Moscow. (Ed.)

Special

Special

TO BEGINNERS

by Victor Jaar

Many articles and publications introduce you to SWling and familiarize you with terms, abbreviations, etc., of the radio hobby.

You hear BBC, Radio Moscow, HCJB, while others log Papeete, Colombo, or even Omdurman. Why?

Here then I offer suggestions and tips to help you get a more direct start in DXing, which can, depending on your interest, aid you in adding some rare loggings.

You must know where and when to listen for DX stations or countries. As a matter of course, you need a worthy receiver, one with both sensitivity and selectivity. Too, of equal importance is the antenna employed; If your location cannot afford one of the more elaborate types, then a good outdoor longwire will do.

Experience tells us that the SW bands are field enough for constant hunting. Imagine them as being wide open spaces where different prey come everyday, or as a supermarket where you can get almost anything you need. In other terms, SW bands can bring you, almost daily, different stations and/or countries if you happen to be there at the right time, right frequency. So constant tuning is an important factor. Surprises are in store for you...you will not only hear the familiar stations, but new ones that you have not heard before.

Which band to listen to preferably?? When you need selecting a certain SW band, tune to WWV on 2.5kHz, 5.0kHz, 10.0kHz or 15.0kHz...this will give you an idea of how the conditions of reception are in your area at the time. Use WWV (or some other familiar regular SWBC station) as reference to test each band. Be aware that even high powered stations will not be heard well if conditions are not good! Use as a guide, the fact that during day, higher bands are better, while at night the lower are better.

Even as a beginner, do not be a "silent listener"...send reports to DX stations, even if they are not rare. Make the reports interesting and useful, be sure they are fact and correct. In time you will perhaps have a desire to become a more serious DXer and try for the hard to hear, rare stations/countries; If so, the following tips may be found to be helpful:

- a) tune for musical calls at the hours, half hours, etc. This is one of the best and easiest ways to know if you are hearing a new station. Most have several minutes of interval signal before the hour and will help you identify stations even if they use a foreign language.
- b) listen to certain bands at unusual times...you never know when conditions will allow you to hear some station that you cannot hear usually. (as in sports, luck plays a part in DXing many times...this combined with skill is what makes the "champions"...but remember, skill is attained through practice!)
- c) wait for identifications even if the sound is familiar. Suppose you are tuned to VOA or BBC, could be you are listening to a relay station...a good way to add new countries to your list.
- d) look for weak signals...these difficult to receive, due to low power, distance, band conditions and/or interference from other stations (a weak signal may be unintelligible at one time, but identifiable another...tune it at different times, Persistence usually pays off in the DX game!)
- e) don't always rely on fact that nothing can be heard when propagation conditions are forecast as generally poor. Such conditions in one or more areas does not mean same for all areas.

Follow above tips, but remember, due your particular locations, YOU are your own best teacher. If after following the tips, you do not hear a few new stations/countries within a few days, don't stay awake nights, get some sleep, you'll be doing more good for humanity!

VCJ, Port-au-Prince, Haiti



T CUBA....According to on-the-air announcement, Radio
 I Havana Cuba's English xmsns to N.America will be on the
 P following sked beginning May 2nd: 0100-0600 on 9525 kcs.
 S and 0330-0600 on 6135 kcs. (Ed.)
 / CANADA....CFVP, Calgary, Alberta, "The Voice of the
 T Prerries" operating on 6030 kcs (relaying CFCN, 1060 kc),
 I apparently now has a new higher-powered transmitter in
 P operation. The station is being heard daily with very
 S good strength in the western USA and has been logged as
 far east as Wisconsin with S-9 signals. MW CFCN now

is 50 kw and it is almost certain the power of the SW outlet was also upped. Possibly more details later. (Jensen) (Sparks) (Powell)
 DOMINICAN REPUBLIC....HISD, Santo Domingo is again being heard on 6090 and 9502 kcs. The station has dropped the ID of Radio Santo Domingo and now uses the slogan of: "Radio Television Dominicana". Much classical music is heard with relays of entire programs from some of the big international broadcasters, including R. Nederland, Deutsche Welle and ORTF, Paris. (Sparks) (Jaar) (Ed.) All in Spanish. (Ed.)

WEST GERMANY....The Deutsche Welle informs that for technical reasons the following schedule will be effective beginning May 1st, rather than the one originally released. To ENA at 0130-0350 in Eng. & French on 9640 & 11945....To WNA at 0500-0540 in Eng. on 9735 & 11890....To ENA (test) in Eng. at 1045-1155 on 11905 & 15315...To WNA (test) in Eng. at 1310-1550 on 9675, 11925 & 15405....To ENA (test) in Eng. at 2050-2100 on 9735, 11925 & 15405. German xmsns: To ENA at 0000-0300 on 6100, 9545 & 11795. To WNA at 0300-0600 on 8100, 9640 & 11795. (Bert Pector)

BRAZIL....R. Difusora Taubate, Brazil plans to increase power from 1 kw to 2.5 kw to overcome interference from R. Nieva, Colombia on same freq., 4855 kcs. (Field)

SOUTH AFRICA....Radio South Africa (P.O. Box 9606, Johannesburg) will have a new service called "The Voice of South Africa" beginning May 1st. The complete sked reads: English: 0415-0437 to Kenya/Uganda/Tanzania on 7270 & 9525....0500-0512 to Rhodesia/Zambia/Malawi on 5980 & 7270 (these xmsns Mon.-Sat. only)....1000-1455 Africa General Svc. on 7270, 9525, 11900, 15220....1600-1655 to Rhodesia/Zambia/Malawi on 5980 & 7270....1700-1755 to Kenya/Uganda/Tanzania on 7270 & 9525....2100-2155 to Nigeria/Ghana on 7270 & 9525....2200-2255 to United Kingdom/Europe on 7270 & 9525. ..There are further xmsns in Zulu, Afrikaans, French & Portuguese directed to Africa. In the near future, R. South Africa intends to introduce a service to the USA & Canada (four transmissions daily) and later this year further broadcasts (daily) to Europe in French, Portuguese, Spanish, German & Dutch will be added. At a later stage, daily xmsns to the Far East, S.E. Asia, Australia & L.America are planned. (WRB)

....The second 250 kw xmtr of the SABC Africa Svc. is testing on 5980 kcs, Mon.-Sat. 0430-0600 and daily 1600-2100 (Sat. 2105) (Sun. 2115) in // to 4895 kcs. The 5980 outlet is not announced. 4895 does not close at 2040..uses same as 5980. (WRB)

USSR....Reportedly Radio Moscow is now using a 60 m.b. outlet, 4860 kcs for its xmsn to Cuba & the USA after midnight GMT. Not announced or listed in sked. (WRB)

....Radio Vilnius now uses a new freq. of 6125 kcs during its Sunday Eng. program at 2230-2500 in parallel with 5920 kcs. (WRB)

SWEDEN....A new daily Spanish language broadcast is planned by Radio Sweden and is sked to begin on May 1st at 0900-0930 on 9625 kcs. (WRB) ...Correction to item in last bulletin..Spanish version of SCDXers is on Thursdays, not Mondays. (Ed.)

MONGOLIA....Regular reception of Radio Ulan Bator is being noted by member Steve Bohac with the Armed Forces on Taiwan. Steve hears the station regularly on 11850 kcs. at 2130-2230 GMT, Eng. news noted 2200-2210. The station's YL announcer said that listeners to the Eng. programs were rewarded with Mongolian stamps. The outlet features Mongolian folk music, answers to listener's questions etc. and has been hrd to remark the broadcasts were being well received in Asia but also in North America. ..The announced sked does not concur with one in WRTH. The station gives the sked as: Four times per week...Tues., Wed, Fri., & Sat. only at 2130-2230 & 1420-1520 GMT. Both xmsns are in English, directed to the Far East on 9540 & 11850 kcs. (Steve Bohac)

LOGGINGS -  - REPORTS

All GMT

All GMT

- 0000 2430 Escuelas Radiofonicas, San Fernando, Venezuela hrd 0025 w/mx, talk & ID's. (Dexter)
- 11715 All-India Radio hrd 0055-0115 s/off w/Eng. xmsn. (Dexter) Hrd on 11710 with General Overseas Service in English. (Jaar)
- 5035 La Voz de las Fronteras, Ocotepeque, Honduras hrd 0039 w/L. American programming; YL & OM announcers. (Dexter)
- 21590 VOA, Dixon, Calif. excellent in English. (Drew) Also on 9540. (Pestor)
- 5045 R. Imperial, Petropolis, Brazil hrd w/excellent sig., good mx and ann. in Portuguese. News & ID at 0010. (Henderson)
- 11900 CE1190, La Voz de Chile hrd w/Sp. talk 0025-0100, then unsked news. IS is "Pomp and Circumstance". (Henderson) CE970, 9700 outlet hrd in Spanish with ads & ID. (Coulouras)
- 4755 HJIV, R. Raina de Colombia hrd 0055 w/Sp. talk, numerous ID's at 0100, all in Spanish. Partially covered by a RTTY station. (Henderson)
- 14520 R. Pycngyang, N. Korea hrd in unid. language w/all talk to 0030. (Fansler) Hrd in Korean 0000-0100, // 11743. (Rowell)
- 11780 R. Japan hrd w/Eng. nx, 0000-0015 tune-out. (Fansler) // 15130 to N. America. (Raylesberg)
- 7350 Radio Moscow, USSR heard with English xmsn. (Irace)
- 10530 R. Alma Ata, Kazakhistan, USSR hrd w/19-chime IS before 0000 s/on, Soviet anthem to 0003, nx & mx program to 0030. All in either Kazakh or Russian. Heard daily. (Henderson)
- 9630 RAI, Rome, back on this freq., // 3710. English at 0100. (Rowell)
- 5985 Vatican Radio hrd 0050 w/Vatican nx. (Boik) 9615 hrd w/IS, Spanish xmsn at 0000. (Pestor)
- 11715 RNE, Merid, Spain hrd w/Spanish to Latin America. (Schiff)
- 7305a R. Libertad, clandestine hrd 0000-0310 w/Sp/ xmsn, some Eng. ID's. ID'ed as "The international broadcasting network, Radio Libertad, the anti-Communist voice of America, in the 19, 25, 31, 41 & 49 metre bands. (Schiff) Hrd 4/11 on 15050, // 11865 w/Sp. mx & nx. ID & address in English. (Batman) 15050 hrd. (DeHart)
- 17705 VCA, Honolulu hrd regularly w/Eng. news to the Far East. (Balbi)
- 7220 Riyadh, Saudi Arabia hrd sometimes now from 0018 when ALL-India R. leaves 7225, till 0225 s/off w/Arabic Program, "Voice of Islam" from Mecca. (Jaar)
- 11735 R. Belgrade, Yugoslavia hrd w/Spanish to L.America. QRM'd. (Jaar)
- 11760a R. Beirut, Lebanon hrd here clear & strong in Arabic. Spanish noted around 0030. (Jaar)
- 17870 Radio Australia heard here with good signals. (Jaar)
- 9390 R. Tirana, Albania hrd w/Eng. nx. Also hrd this freq. at 0530. (Pestor) // 7365. (Noznick) (Brhel)
- 9705 R. Nederland hrd 0030 w/IS, then Sp. xmsn. (Pestor) 6085 hrd 0015 w/Dutch music, English ID at 0017. (Douglas)
- 9735 D. Welle, Koln, GFR hrd 0030 w/talk on French songs. (Pestor) This xmsn in German. (Ed.) 6100 hrd at 0000 s/on. Is Koln, not Kigali. (Zeller)
- 9740 WRUL, New York City hrd 0030 with conversation in Spanish. (Pestor)
- 3265 R. Ribeirao Preto, Brazil hrd 0000-0100 s/off w/mx & nx. (Field)

0000 3250 R. South Africa hrd 0000 to past 0100 w/mx, nx & ads in Eng. (Field)
 15110a R. Peking, China hrd 0010 on 4/4 w/nx & commentary. (Noznick) 15095
 hrd 0000 on 4/11 in Spanish. (Batman) Hrd w/Eng. nx & commentary to
 0015. (Raylesberg) 15060 hrd with usual Eng. prog. (Batman) (DeHart)
 6080 R. Nacional, San Marcos, Guatemala hrd 0018 on 3/27 w/Sp. mx, talk &
 ID. Hetrodyne QRM. (Douglas)
 6090 R. Television Dominicana, Dominican Republic hrd w/Sp. ID & talk.
 (Douglas)
 11800 RNE, Canary Islands hrd at 0000 s/on w/IS & Sp. ID. (Nelson) (Widner)
 11820 TWR, Bonaire hrd 0045 on 4/8 reading reception reports in Eng. (Zeller)
 9770 Austrian Radio hrd w/Eng. prog., 0000-0030, then German, // 6155 (to
 North America & 11705 (to South America. (Zeller)
 9755 ORTF, France hrd in French at 0015. Very strong. (Zeller)
 6045 United Nations Radio, New York (via VOA-Greenville) hrd 0030-0230 s/off
 on 4/10 w/Eng. & French prog. re Security Council debate on Rhodesia.
 (Zeller)
 4970 R. Rumbos, Caracas, Venezuela hrd 0030 w/Spanish talk. (Zeller)
 6234 R. Budapest, Hungary hrd 0030 w/English to North America. (Beaupre)
 9690 RAE, Argentina hrd 0002 w/English nx & Spanish at 0009. (Widner)
 15115 HCJB, Ecuador hrd 0020 in Portuguese, Sp. at 0030. 6050 Home Service
 outlet hrd 0000 w/time pips, music & Spanish. (Raylesberg)
 11725 CBC, Canada hrd in Spanish, 0030-0045. (Raylesberg)
 9475 Radio Cairo, Egypt heard 0045 with Spanish ID. (DeHart)

0100 4834 La Voz del Tachira, Venezuela hrd w/mx, talk & ID's. (Dexter)
 4980 Ondas Azuayas, Cuenca, Ecuador hrd 0105 w/L.American program. (Dexter)
 4825 R. San Jose, Iquitos, Peru hrd 0145-0155 s/off w/mx, ID & talk. (Dexter,
 4920 La Voz de San Raymundo, Guatemala noted 0137 w/mx, talk & ID's. (Dexter)
 5021 R. Independence, Gonaives, Haiti hrd 0110 w/mx, all French. (Dexter)
 17735 VOA, Philippines hrd excellent in Eng. Also hrd on 15345, strong but
 jammed. 17830 outlet hrd 0130 in Bengali. (Drew)
 15170 TWR, Bonaire hrd excellent in Russian. (Drew) 11820 hrd 0130 with
 "Back to the Bible" program. (Woodward)
 9760 RNE, Madrid, Spain, very good in Eng. to N.America. (Drew) (Woodward)
 // 6130. (Douglas)
 21650 VOA, Dixon, excellent in Eng. 17820 outlet hrd fair in Burmese (?) (Drew)
 21460 VOA, Delano, excellent in Burmese. (Drew)
 11875 R. Sociedad da Bahia, Salvador, Brazil hrd w/ID, Popsi-Cola ad, news
 to 0115. All in Portuguese. (Fansler)
 6010 BBC, World Svc., London hrd in English. Some QSB. (Irace)
 9575 R. Beirut, Lebanon hrd 0130-0400 in French, Arabic, Eng. (0230) and
 Spanish. (Rowell) (Balbi) Moved from 9710. (Balbi)
 9630 D.Welle, Koln, GFR hrd 0145-0145, // 6145 w/German xmsn to Central
 America. (Rowell) On 6100 in Eng. at 0145. (Woodward) On 9545 at 0150
 with German xmsn to North America. (Zeller)
 3387 R. La Voz del Valle, Chauca, Peru hrd 0115 w/Sp. songs. (Nordgren)
 6010 RAI, Rome hrd at 0120 s/off w/IS. (Nordgren) // 9430 hrd 0100-0120 s/off
 w/Eng. nx & mx. (Wahl) // 9710. (Balbi) (Pestor) (Zeller) 9630 also hrd
 at 0140 w/Italian. (DeHart)
 5930 R. Prague, Czechoslovakia hrd 0110 w/Eng. nx & ID, mx at 0115. (Douglas)
 (Green) (Beaupre) // 9795 (Zeller) & 7115 (DeHart) (Brhel)
 6120 SBC, Switzerland hrd 0115 w/Eng. to N.America, // 9535. (Douglas) (Boik)
 (Green) (Pestor) (Kohser) (Coulouras) (Beaupre) (Taylor) (DeHart)
 3265 R. Demerara, British Guiana hrd 0116 w/nx, ID, mx in Eng. Severe RTTY
 QRM. (Douglas) Hrd 0130-0230 w/political speech. 0250 s/off on 4/4 w/
 news at 0245 & prayer. (Field)
 6234 R. Budapest, Hungary hrd 0135 w/nx & press reviews. (Green) (Boik)

- 0100 9595 R. Cairo, Egypt hrd 0145 w/Eng. xmsn to N.America. Heavy QRM from Bonaire. (Wahl) (Zeller) (Raylesberg) In Sp. at 0100 //9475. (Balbi)
 15135 R. Japan hrd 0100-0115 w/nx & topics in Eng., followed by news in Japanese. (Boik) (DeHart)
 7302 R. Libertad, clandestine hrd back on this freq. at 0155 after about a week's absence. Weaker than usual. (Dexter)
 9770 Austrian Radio hrd at 0150 asking for reports. Announces as also on 6155 & 11785. (Jaar) 9770 hrd. (Zeller)
 11735 Tentative logging of Radio Oriental, Montevideo, Uruguay. Hrd 0100-0115 w/nx in Sp. under R. Clube de Goiania, Brazil. (Field)
 21540 R. Australia noted here w/nx on 4/9. (Sparks) 17840 outlet hrd 0138-0145 with news, music & ID. (Lindgren)
 15370 ZYC9, R. Tupi, Brazil hrd 0155 with Portuguese news. (Sparks)
 11810 R. Bucharest, Rumania hrd 0130 w/Eng. news & commentary. (Parker)
 9705 R. Sweden hrd 0145 w/Eng. to ECNA & 0315 to WCNA. (Nelson) (Beaupre)
 11805 R. Globo, Brazil hrd w/music and ads in Portuguese. (Zeller)
 9700 La Voz de Chile hrd w/Spanish news & ads to 0115. (Zeller)
 9590 R. Nederland, Bonaire hrd 0145 w/"DX Jukebox" on 4/8 featuring first transistor course lesson & Arthur Cushen DX Report. (Zeller) Heard 0150-0220 daily. (Taylor) (Coulouras) "DX Jukebox", 0142 Thursdays. (Raylesberg)
 4923a R. Quito, Ecuador hrd w/Sp. ID "La Voz de la Capital", mx & ads. (Zeller)
 7250 Vatican Radio hrd 0100 w/Eng. religious comment. (Widner) //9645 (Woodward) & 5987. (Wennerstrom)
 3315 ORTF, Martinique hrd 3/12 0150-0230 s/off w/mx & French. (Raylesberg) Listed s/off time is 0120. (Ed.)
 4965 R. Santa Fe, Bogota, Colombia hrd this time but reception is better later in the evening. (Wennerstrom)
 6180 La Voz de Guatemala hrd in Spanish w/fair sigs. (Wennerstrom)
 4890 R. Emissora Venezuela, Caracas usually hrd well here. (Wennerstrom)
 6145 R. Nacional, Rio, Brazil hrd 0100 w/good sigs but QRM. (Wennerstrom)
 11800 RNE, Canary Islands tuned 0110 in Spanish. (Wennerstrom)
- 0200 9575 R. Beirut, Lebanon hrd w/Eng. xmsn 0230-0300a. (Wahl) (Woodward) (Sparks) (Fredricks) & (Noznick)
 4950 R. Juticalpa, Honduras hrd 0255-0301 s/off w/LA programming. (Dexter)
 6115 Voz Llano, Villavicencio, Colombia hrd 0210 w/LA programming. (Dexter)
 15175 VOA, Philippines heard w/good sigs in Bengali. (Drew)
 11905 VOA, Wcofferton, England, good at 0230 in English. (Drew)
 17850 VOA, Delano, California hrd w/Good sigs in Bengali. (Drew)
 9615 WRUL, New York City hrd 0240 in Spanish. Weak. (Drew)
 9715 KCEI, San Francisco hrd 0250 in Spanish. Weak. (Drew)
 4733 R. El Progreso, Ecuador hrd 0215 here instead of listed 4735. Station moves plus or minus 2 kcc. over a week's logging. Hrd with typical Ecuadorian programming. (Henderson)
 3385 ORTF, Cayenne, French Guiana hrd signing/off at 0200. (Fansler)
 5040 R. Tbilisi, Georgian SSR hrd w/IS until 0200 s/on, w/Soviet anthem to 0204. Nx & talk by OM & YL in Georgian or Russian till 0215. (Henderson)
 3280 Windward Island B/C Svc. hrd 0200-0215 or 0220 s/off w/Eng. nx & mx. (Douglas) (Widner) (Raylesberg) (McElhatton)
 3325 R. Santo Domingo-TV, Dominican Rep. hrd 0203 w/Sp. ID & talk. Xmtr drifts badly. (Douglas) All the HISD stations now ID as "Radio Television Dominicana". (Ed.)
 6130 RNE, Madrid, Spain hrd w/Eng. nx, mx, talks to N.America. (Wahl)
 17325 R. Japan now on this freq. replacing 17875 as of 4/10 w/Eng. to WCNA, //15135 & 15235. (Balbi)
 3780 R. Iran, Tehran heard good & clear in Persian. (Jaar)

- 0200 6025 R. Portugal hrd w/"Voice of the West" in Eng. 0245. (Jaar) Hrd 0200
0200 w/DX Club, //6185. (Beaupre) (DeHart) 5975a hrd 0215 w/French
version of DX Club. (Beaupre)
- 11740 R. Nuevo Mundo, Santiago, Chile hrd w/local nx at 0210. (Jaar)
- 11735 R. Clube de Goiania, Brazil hrd w/instr. mx at 0200 & later. (Jaar)
- 9520 R. Denmark hrd 0215 w/listener's letters. Reception never too good
here. (Pestor) (Brhel)
- 9545 D. Welle, Koln, GFR hrd 0220 w/DX prog. in German & Eng. Next one is
schedules for May 9th. (Pestor)
- 3325 R. Monagas, Venezuela hrd 0230 w/mx prog. (Field) Hrd 0210-0220 w/
mx thru heavy QRM. (Raylesberg) Hrd 0200. (McElhatton)
- 4775 R. Dragao do Mar, Fortaleza, Brazil hrd 0230 w/mx & ads.
- 9595 R. Cairo, Egypt hrd w/Eng. xmsn to NA daily. (Sparks) (Noznick)
(Woodward) (Widner)
- 4920 TGRY, La Voz de San Raymundo, Guatemala hrd 3/15 w/pop mx & ID between
each selection. (Sparks)
- 9700 CE970, La Voz de Chile hrd 0210 in Sp. w/mx, ID with gong playing
first three notes of "Pomp and Circumstance". (Lindgren)
- 9690 RJE, Argentina hrd 0245 w/Sp. ID & mx. English at 0300. (Noznick)
- 9590 R. Nederland, Bonaire hrd 0200-0220 closing Eng. to N.A. (Parker)
(Woodward) Noted at 0230 s/on in unid. lang. (Jenneman) This is the
Dutch xmsn for North America. (Ed.)
- 2410 4VU, R. Lumiere, Les Cayes, Haiti hrd 4/4 w/Eng. & Fr. ID at 0200,
then into organ mx intro to religious prog. in French. (Eddings)
On different sked? WRTA lists sked as 1000-1330. (Ed.)
- 11915 HCJB, Ecuador hrd 0230 w/"DX Party Line" in Eng. (Brhel) (Zeller)
On 1st & 3rd Mondays of the month, //9745 & 15115. (Ed.)
- 9535 SBC, Switzerland hrd w/Eng. to N. America. (Zeller) (Woodward)
- 3315 R. Maracay, Venezuela hrd 0210 w/Latin mx, many ID's & ads. (McElhatton)
- 3300 R. Belize, British Honduras hrd in Eng. w/much QRM. (Wennerstrom)
- 11750 Far East Network, Tokyo hrd w/LFRTS nx under BBC. (Wennerstrom)
- 0300 7267 Tentative logging, Voice of Ethiopia. Hrd 0345 s/on w/local mx, nx at
0400, music again at 0412. Very strong level on 4/6. (Dexter)
- 11860 Voice of Free China, Taiwan hrd w/English xmsn. (Fredricks)
- 11820 TWR, Bonaire hrd w/Eng. xmsn. Peking QRM. (Fredricks) "DX Special"
hrd 0335 on Sundays. (Balbi)
- 11710 KGEI, San Francisco hrd 0330 w/Sp. & Eng. religious prog. (Fredricks)
- 9645 TIFC, Costa Rica hrd w/Eng. religious programs. (Fredricks) (Woodward)
& (Wennerstrom)
- 5075 R. Sutatenza, Colombia hrd in Spanish to 0310 s/off. (Fredricks)
- 9715 VOA, Wofferton, England, fair w/East European language. (Drew)
- 11900 AFRTS, Los Angeles hrd in English. Fair in Australia. (Drew)
- 3346 R. Zambia, Lusaka hrd w/fish-eagle IS & s/on at 0344. News in unid.
language followed. (Fansler)
- 6095a R. Mogadiscio, Somali Rep. hrd here 4/10 w/Eng. nx at 0315. QRMed on
both sides. (Henderson) Hrd at 0300 s/on w/Somali mx & talk to 0320,
then into Eng. Bad QRM de D.Welle, 6100. No sign of them on either
7120 or 7160. (Hill) (Balbi) †
- 9575 R. Beirut, Lebanon hrd 4/9 w/Catholic "Good Friday" service in Arabic.
- 11950 R. Riyadh, Saudi Arabia hrd 0335 w/Moslem Svc. (Rowell) 9720 outlet hrd
4/9 with Arabic chanting. (Sparks)
- 11825 R. Tahiti, Peapeete hrd 0300-0800 in Tahitian & French, //6138. (Rowell)
& (Jaar) Signal very strong for listed 4 kw. (Jaar)
- 11745 Radio Cairo, Egypt hrd with Arabic music. (Rowell)
- 3305 R. La Voz de la Patria, Caracas, Venezuela hrd 0330-0357 s/off w/Sp.
songs and talk. (Nordgren) (Widner)

0300 3300 R. Belize, British Honduras hrd 0330 w/Billy Graham prog. ("The Hour of Decision"). S/off at 0400. (Nordgren) (Widner) (Woodward) MW outlet on 834 kcs. hrd 0315 w/EBC prog., 0330 Billy Graham. (Ed.)
 3375 R. San Juan, Dominican Rep. hrd 0331 w/mx, clear ID at 0332. (Douglas)
 3345 La Voz de Paseje, Ecuador hrd 0350 w/ID & mx in Sp. (Douglas) WRTH says freq. is 3245. Which is correct? (Ed.)
 7115 R. Prague, Czechoslovakia hrd 0300-0345 w/Czech mx. (Hirst) // 9795. (Green)
 5985 R. Portugal hrd 0330-0345 s/off to Canada w/commentary. (Boik) Hrd 0315 on 4/9 w/DX program. Announces inc. 5975. (Balbi) (Woodward) Hrd on 5930-5931. (Zeller)
 21540 R. Australia hrd in Eng. at 0330, nx at 0400, // 17870 & 15240. (Balbi) 17320 hrd 0330 s/cn in Eng. to Africa, nx 0345, // 15220. (Balbi)
 9565 D. Welle, Kigali hrd in unid. lang. 0330-0515. (Balbi) Hrd 0345 in Swahili. (Pestor)
 9640 D. Welle, Koln, GFR hrd 0300 w/IS, then Eng. to WCNA. (Pestor) 5960 hrd at 0345 w/nx in Spanish. (Green)
 6030 CFVP, Calgary, Alberta, Canada hrd strong at 0330-1030. Has more power. (Balbi)
 4705 Emisora Mariana, Pasto, Colombia now on this freq. Relays Spanish nx from Accion Cultural Popular network at 0300-0310 s/off. (Jaar)
 6155 R. Baghdad, Iraq hrd 0325 w/Koran chants, Arabic 0330 under QRM. (Jaar)
 9652 R. Nacional, Lima, Peru hrd w/Spanish nx under QRM. (Jaar)
 9690 RAE, Argentina hrd 0320 w/freq. cnnc. and folk songs. (Pestor)
 9620 S.O.D.R.E., Uruguay hrd w/Spanish nx & L.American music. (Pestor)
 9525 R. Havana Cuba hrd 0340 w/ID & Sp. nx. (Pestor) (Dovee) 6135. (Woodward)
 3245 R. Libertador, Caracas, Venezuela hrd 0300-0356 s/off w/mx. (Field)
 6100 HCSP4, Voz del Volante, Ecuador still on this freq. instead of listed 6085. Heard w/Latin music till 0400 s/off on 3/25. (Sparks)
 4882a HIJP, R. Comercial, Dominican Rep. hrd back on this freq. again with pop music. (Sparks)
 4845 HJCF, R. Bucaramanga, Colombia hrd 0355 w/Eng. ID, then Sp. ID and 0400 s/off on 3/19/. (Sparks)
 4990 R. Barquisimeto, Venezuela hrd 0319 in Spanish. (Noznick)
 15125 Voice of Free Korea, Seoul hrd w/Eng. nx & "Radio Magazine". (Parker)
 7310 R. Moscow hrd w/Eng. nx & commentary, // 7250 & 7150. (Douglas)
 11735 R. Oriental, Uruguay heard at 0300 s/off in Spanish. (Nelson)
 7280a VOA, Liberia hrd at 0300 with s/cn & Eng. programs. (Zeller)
 6000 R. Americas, Swan Island hrd w/usual Sp. program & jammer. Jammer does not cut signal but manages to be about 25 kc. wide so as to get VOA on 5990 at the same time. (Zeller)
 4820 HRWC, Honduras hrd w/Eng. "Songs in the Night". Asks for reports & wants to know if listeners would like further Eng. programs. Address is: Apartado 270, Tegucigalpa. (Zeller)
 6234 R. Budapest, Hungary hrd w/Eng. DX program. (Widner) (Woodward)
 6110 R. Chana hrd 0330-0430 daily w/Eng. nx & features to North America. (Wedel) (Raylesberg) (Beaupre) (Woodward) (DeHart) & (Wennerstrom).
 7270 SABC, South Africa hrd 0300 w/mx, commentary & music. (Brhel)
 9610 R. Norway hrd with news and music. (Brhel)
 4923a R. Quito, "La Voz de la Capital" hrd 0300-0425 s/off. (Wennerstrom)
 4870 R. Tropical, Caracas, Venezuela hrd in Sp. w/fair sigs. (Wennerstrom)
 5020 Transmisora Caldas, Manizales, Colombia hrd 0330. (Wennerstrom) strom
0400 4900 R. Juventud, Barquisimeto, Venezuela hrd w/mx 0330-0400 s/off. (Wenner-
 4810 R. South Africa hrd 0430 w/Afrikaans relig. prog. (Peters) 4895 hrd 0400 w/Eng. nx, mx ID 0429, Afrikaans to 0445, then Eng. (Wennerstrom) Hrd at 0430 s/on. (Dexter) 4845 Springbok R. hrd 0430 w/mx & ads. (Fredricks) (Douglas) 6150. 4845 Springbok R. hrd 0430-0458, // 4895 & 7270. (Rowell)

- 0400 (South Africa cont.)...7270 hrd 0400 w/Eng. nx.(Sparks)0445.(Fansler)
- 5005 R. Jaen, Jaen, Peru hrd 0430-0453 s/off w/music & talk. (Dexter)
- 5035 R. Bengui, Central African Rep. hrd 0428 w/4-note IS, anthem 0429, ID and talk at 0430. Powerful signal. (Dexter)
- 9770 R. Amazonas, Iquitos, Peru hrd 0407 w/music and talk. (Dexter)
- 4845 BBC, Bechuanaland hrd 0403 w/nx, mx 0415. Weak w/much QRM. (Dexter)
- 7299 Tentative logging of R. Pakwanga, Congo Rep. Hrd 4/6 at 0400 s/on to 0432. Quite strong for listed 10 kw. (Dexter)
- 6045 XEXECC, R. Universidad, Mexico hrd 0430-0505 s/off in Sp. (Fredricks)
- 7105 VOA, Woodferton, England hrd w/VOA ID 0445, then BBC ID, followed by xmsn in Czech language. (Fansler) (Fansler) v
- 3396 RBC, Gwelo, Rhodesia hrd 0400 w/Eng. nx, weather 0410. Fierce CW QRM.
- 6120 SBC, Switzerland hrd w/Eng. to WONA, 0415-0515, then xmsn to Europe. (Rowell)
- 6030 CFVP, Calgary, Alberta, Canada hrd testing new xmtr to 0420, relaying CFON, 1060 kcs. (Rowell) Hrd 0410-0430, very bad QRM. Much better at 0600. (Hill)
- 9745 R. Ankara, Turkey hrd at 0430 in Turkish Home Svc., after HCJB moves to 9645. (Rowell)
- 9755 R. Omdurman, Sudan hrd at 0400 s/on in Arabic. (Rowell)
- 6025 R. Portugal hrd 0400-0410 w/preview of R. Ginbey DX prog. (Hirst) (Woodward) (Widner) 6025//6185 hrd 0400-0430. (Wedel)
- 11780 R. Lourenco Marques, Mozambique hrd 0455 in Afrikaans. Weak. (Hirst)
- 11825 R. Tahiti hrd 0430 w/native singing. Good signal. (Hirst)
- 3372 R. Iris, Esmeraldas, Ecuador noted daily w/usual Ecuadorian mx, freq. ID's. Good after 0400. (Jaar)
- 3220 R. Nacional Espejo, Santo Domingo de los Colorados, Ecuador hrd very good 0430. Announces 24-hour operation. (Jaar)
- 11810 H.B.S., Amman, Jordan still hrd well in spite of QRM after 0400. Relays Home Svc. in Arabic directed to N.Africa w/5 kw. power. (Jaar)
- 9650 R. Berlin International, GDR hrd 0430 w/concert mx, 0445 w/freq. annnc. in German, IS & then into Eng., //9600. (Pastor) Eng. hrd 0445-0515 on 9600//9650, latter best here. (Wennerstrom)0415 in German.(Parker)
- 3300 R. Belize, Br. Honduras hrd 0400 w/relig. b/c. asked for reports and signed off at 0405. (Field)
- 7090 R. Tirana, Albania hrd 0400-0430 in English. (Field)
- 7075a R. Cairo, Egypt hrd 0400-0515 w/Arabic nx & mx, clock striking at 0400 and 0500. (Field)
- 9625 R. Atlantida, Iquitos, Peru hrd 0430 with music. (Field)
- 15230 VHL5, Australia hrd 4/9 with ABC sports program. (Sparks)
- 9610 OAKBC, R. Nacional Iquitos, Peru hrd at 0445 s/off w/Sp. ID. (Sparks)
- 6205 TGWP, R. Nacional Tikal, Guatemala hrd w/pop mx, ID & 0430 s/off. Not on frequency listed in the WRTH. (Sparks)
- 5010 OAXSV, R. Eco, Peru hrd w/pop mx, ID & s/off at 0454 on 3/16.(Sparks)
- 4955 R. Nacional de Colombia, Bogota hrd 0444 w/Spanish ID. (Noznick)
- 9550 R. Ghana hrd 0430 w/Eng. nx.(Parker) Listed freq. is 9545. (Ed.)
- 7345 R. Prague, Czechoslovakia hrd 0430-0425 w/Eng. to N.America. (Parker)
- 4910a E. Gran Colombia, Quito, Ecuador hrd 0430 w/mx & ads. (Wennerstrom)
- 6070 R. Sofia, Bulgaria hrd w/Eng. to WONA till 0430, then Sp.(Wennerstrom)
- 6010 R. Nacional de El Salvador, San Salvador hrd. (Wennerstrom)
- 4875 La Voz de Esmeraldas, Ecuador hrd 0430 w/fair signals. (Wennerstrom)
- 6160 E. Nueva Granada, Bogota, Colombia hrd giving "Radio Cadena Nacional" network announcement at 0400. (Wennerstrom)
- 0500 7098 R. Brazzaville, Congo, hrd relaying ORTF in French. Eng. ID hrd at 0530 s/off. (Peters) 9730 hrd 0515-0530 w/ORTF relay in Eng., then into Fr. (Raylesberg) & (Wennerstrom).

- 0500 6140 XERUU, R. Universidad de Chihuahua hrd 0515 w/US pop standards. S/off or fadeout at 0602. (Dexter) Hrd w/pop mx to 0500 s/off on 3/24. (Sparks)
 6210 R. Reloj, San Jose, Costa Rica hrd in Sp. w/mx, freq. ID's. (Fredricks) & (Raylesberg)
 *6145 D. Welle, Koln, GFR hrd w/Eng. to NA, 0500-0540. (Fredricks) (Rowell) //9745. (Noznick) Hrd on 11905 at 0545 s/on in Eng. to ??.(Rowell) Believe this is Kigali but don't know where is beamed. (Ed.)
 6010 YSS, R. Nacional, El Salvador hrd 0530 in Sp. w/instr. mx. (Fredricks)
 6025 HCJB, Ecuador hrd 0530 w/Eng. ID, then into Swedish. (Fredricks)
 15230 R. Havana Cuba hrd 0550 in Spanish. (Drew) 11750 hrd 0548 in Spanish. (Rowell) 6135 hrd 0500 w/P.O. Box 7026 prog. (Wedel) 6170 hrd 0500-0510 with English news. (Raylesberg)
 6155 Austrian Radio hrd 0510 w/xmsn to Europe; mx & German ID. (Rowell)
 15180 R. Australia hrd 0515-0615, //11710 & 17820 w/French to Mid-Pacific area. 15220 hrd also 0515-0615 w/Fr. to Africa. (Rowell)(Jaar) 11710 hrd. (Widner) 17870 good at 0510, //15240. (Jaar) (Brhel)
 11780 R. New Zealand hrd 0553 w/bell-bird 13, then 0558 s/on in English. (Rowell) (Widner)
 5047 R. Lome, Togo hrd at 0530 s/on in French. (Rowell)
 6030 CFVP, Calgary, Alb., Canada hrd w/Eng. nx. (Nordgren) Hrd w/"Sunrise Gospel Hour" on 3/21. (Sparks)
 3220 R. Nacional Espejo, Ecuador hrd w/Sp. ID's & mx. (Douglas) 4885 outlet in Quito also hrd 0500 w/many announcements. (Wennerstrom)
 4855 East Nigeria B/C Svc., Enugu hrd 0535 w/Eng. mx & ID, nx 0545. (Douglas)
 *9610 D.Welle, Koln hrd using this new outlet for Arabic Svc. to 0525 s/off on 4/9. (Sparks) Add to above listing.
 4980 R. Ghana hrd 0555 w/Eng. mx & ID. NX by YL at 0600. (Douglas) 4915 hrd at 0530 s/on. Eng. nx 0600, //3350. 3368 also noted under QRM. (Wennerstrom) 9545, External Svc. hrd in Eng. after 0500. (Jaar)
 6195 Tentative logging of R. Tunis, Tunisia at 0430-0435 w/Arabic nx, YL talking to 0544, Arabic mx to abrupt s/off at 0559. (Hirst)
 6120 XETS, Tapachula, Mexico hrd 0546 after Swiss B/C is off. QRMed. (Jaar)
 7140 R. Monte Carlo, Monaco very good 0550, //1466 MW w/French songs. Still good level at 0720. (Jaar)
 4965 R. Santa Fe, Bogota, Colombia hrd 0530 w/ID & nice LA mx. (Postor)
 9603a XEYU, R. Universidad, Mexico hrd with classical music. (Sparks)
 9650 R. Berlin Int., GDR hrd 0512 w/ID, freq.'s. S/off 0513. (Lindgren)
 6180 TGWB, La Voz de Guatemala hrd 0540 w/marimba mx & Sp. ID as "La Voz de Guatemala" at 0545. (Lindgren)
 7150 BBC, London hrd 0554 w/mx, nx 0600. Anncd //11820 & 15070. (Douglas)
 4885 R. Villa Rica, Huancavelica, Peru hrd 0525 on 4/5 w/Sp. mx & ID. (Douglas)
 9720 Springbok Radio, S. Africa hrd 0530 w/request prog. & ads. (Widner)
 7250 VOA, Tangier hrd at 0500 s/off in English. (Widner)
 6115 R, Union, Lima, Peru hrd w/excellent sigs to 0600 s/off. (Wennerstrom)
 5075 R. Sutatenza, Colombia hrd 4/9 w/church services, //5095 & 6075. (")
 11825 R. Tahiti heard with good signals in unid. language. (Wennerstrom)
 4870 Tentative logging of R. Cotonou, Dahomey w/French s/on at 0547. Does their s/on time vary? Has been reported as earlier. (Wennerstrom)
- 0600 11920 VOA, Delano, Calif. hrd in Burmese. Good in Australia. (Drew) (Drew) v
 17720 VOFC, Taipei, Taiwan, excellent in Malay. Also hrd on 15125 & 17780.
 4910 R. Conakry, Guinea, "La Voix de la Revolution" hrd at 0600 s/on in French. (Wennerstrom) After 0600 w/piano mx & OM in Fr. (Henderson)
 5960 R. Dakar, Senegal, International Net, hrd at 0600 s/on in Fr. (Rowell) 4890, National Svc. hrd at 0600 s/on. (Wennerstrom) Hrd 0612 w/chants end talk by man. (Douglas)
 9735 D. Welle, Koln, GFR hrd 0645-1945 in German to East Asia. (Rowell)

- 0600 4980 R. Ghana hrd w/Eng. nx, //3240 & 3350. (Nordgren) 4970//4915 w/Eng. nx & native mx. (Batman) 4915 hrd. (Brhel) 3350 hrd 0618 w/Eng. ID & time check. (Douglas) WRB says 0530-0900 & 1600-2300 on 3350, 3366, 4915 & 4930. (Ed.)
- 4965 R. Santa Fe, Bogota, Colombia hrd nightly w/Sp. mx & ID's. (Douglas)
- 4870 R. Dahomey hrd 0612 w/Eng. lesson in French. Mx, ID & nx in French at 0630. (Douglas) (Batman)
- 3230 Fiji P/C, Suva hrd 0652 w/island mx, ID at 0703 by OM in Eng. Mx and drums IS at 0710, then English news. (Douglas)
- 4835 R. Meli hrd at 0615 w/native singing. (Hirst) Hrd with music, then nx at 0700. (Batman) 4783 outlet hrd w/native music on 4/5. (Sparks)
- 6090 Nigeria hrd w/Eng. nx 0605-0610. Is this new freq.?(Hirst) 6090 is assigned to R.-TV Kaduna, Northern Nigeria, 10 kw says WRTH. (Ed.)
- 6010 CFCX, Sydney, N.Scotia, Canada noted 0610 w/mx & ads. QRMd. (Jaar) Hrd with news and weather report. (Sparks)
- 11930 VOA, Philippines hrd w/Chinese prog. on 4/5. (Sparks)
- 9655 NHK, Japan. Home Svc. relay hrd w/Japanese program, 4/9. (Sparks)
- 9615 VOA, Tangier, Morocco hrd in unid. language. (Sparks)
- 7650a VOA relay is being hrd daily on this unusual freq. most of the evening. Noted with the "Breakfast Show" especially. (Sparks) Location?
- 6090 HISP, Dominican Rep., now known as "Radio Television Dominicana", hrd daily w/classical music. (Sparks)
- 3275 ZYR31, R. Clube Bauru, Brazil hrd w/pop mx on 3/14. (Sparks)
- 5255 ELEC, Liberia hrd w/pop music & Eng. announcements on 3/29. (Sparks)
- 11780 R. New Zealand hrd 0635 w/Eng. nx commentary, then mx. Complete ID & frequencies at 0645. (Lundgren) (Nelson) strc
- 6215 R. Relej, Costa Rica hrd 0615 w/Sp. mx & ID. Excellent. (Douglas) (Wenne)
- 6030 CFVP, Calgary, Alb., Canada hrd 0619 w/Eng. mx, talk & ads //CFCN on 1030 kcs. (Douglas)
- 4910 E. Gran Colombia, Quito, Ecuador hrd 0600 w/Sp. ID & mx. (Douglas) 0600 is listed s/off time. (Ed.)
- 9690 RAL, Argentina heard with English news and music. (Brhel)
- 0700 6030 CFVP, Calgary, Alb., Canada hrd 0730 w/nx & weather. Gives MW ID of "CFCN". (Peters) See Tips section. (Ed.)
- 6200 R. Atenas, San Jose, Costa Rica hrd w/mx, ID's and the word "Radial". Network test? (Peters)
- 6010 R. Nacional El Salvador hrd w/election results on 3/14/ (Peters)
- 11780 R. New Zealand hrd 0730-0740 s/off. Nx 0730. (Fredricks) 9540 hrd 0737 with talks and comment. (Noznick)
- 6155 FEN, Tokyo hrd 0745 w/"Journey into Melody". (Fredricks) 11750 outlet hrd 0720-0745 with comedy show. (Hirst)
- 6100 R. Havana Cuba heard in Spanish. (Fredricks)
- 6055 JOZ, Tokyo, Japan hrd in Japanese at 0730. (Fredricks)
- 5990 R. Canada hrd 0730 in Eng. Pacific, //5990 & 9625. 5990 s/off at 0915, other two at 0830. (Fredricks) Hrd on 15390, relay by BBC. Very weak at 0730. (Drew) Hrd on 0725-0835, //5990. (Rowell)
- 15320 SBC, Switzerland hrd with English to Far East. (Drew)
- 3995 VQ04, Solomon Islands hrd 0745, good to fine sigs, with mx, nx and interviews to 0800. All English or Pidgin English. (Henderson)
- 4912 R. Tarawa, Gilbert & Ellice Is. hrd 3/24 at 0747 w/Eng. nx by YL. ID at 0800, then OM w/more nx. (Douglas) According to WRTH, daily s/off time is 0700, except Thurs. & Sat. when has Eng. 0730-1030. (Ed.)
- 4890 VLT4, Port Moresby hrd weekly. ID at 0800. (Hirst) Listed s/on time for VLT4 is 0730. VLT4 is on this freq. till 0715. (Ed.)
- 11710 R. Australia hrd 0730-0738 w/"Years Calling" in S.Pacific Svc. (Hirst) //9590 (Noznick) 11840 hrd 0715 w/nx & reception reports. (Beaupre)

0700 11820 R. Abidjan, Ivory Coast hrd w/French & mx, ID at 0756. (Hirst)
 11825 R. Tahiti hrd w/American jazz. S/off at 0800. (Hirst) Hrd 0700 with French variety program. (Nelson) //6135a (DeHart) (Wennerstrom)
 15210 AFRIS, Philippines hrd 4/11 with English news. (Balbi)
 15230 VLM15, AEC, Melbourne hrd strong to 0815 s/off in Regional Service. (Balbi) (Wennerstrom)
 15250 VOA, Philippines hrd 3/31 in unidentified language. (Balbi)
 4810 Rdf. La Voz de Manabi, Portoviejo, Ecuador hrd to 0700 s/off. (Jaar)
 5960 R. Senegal Inter, Dakar very good in French at 0705. (Jaar)
 5970 R. Brazzaville, Congo good in French with xylophone mx. (Jaar)
 4485 Petropavlovsk, USSR hrd w/pop Russian dance mx, excellent strength daily. (Sparks)
 4777 R. Libreville, Gabon hrd 3/18 w/talks in French & music. (Batman)

0800 6025 ZYRS3, Emis. Piratininga, Sao Paulo, Brazil hrd w/s-on & ID, usual commercial programming. (Peters)
 9710 FEPT, Philippines hrd w/good sigs on a Sunday 0800-0840 tune/out w/ English religious program. (Fredricks)
 9640 VOKK, South Korea hrd 0830 in English. (Fredricks) 0845 (Hirst) (Douglas) Sked: 0800-Chinese, 0830-English, 0900-1000-Japanese. (Rowell)
 6145 R. Nacional, Rio, Brazil hrd 0805 w/good signals. (Fredricks)
 6070 CFRK, Toronto, Canada heard with news and weather. (Fredricks)
 9785 R. Yerevan, USSR hrd in Armenian with fair signals. (Drew)
 6100 Radio Havana Cuba, very good in Arabic. (Drew)
 6065 VOA, Dixon, California, excellent 0830 in Indonesian. (Drew)
 5975 R. Dakar, Senegal hrd fair in French. 5960 much stronger. (Drew)
 7140 R. Ambon, Indonesia hrd at 0800 s/on in Indonesian w/mx. (Rowell)
 6250 R. Pyongyang, N. Korea Home Svc hrd in Korean. (Rowell) 7580 hrd 0800 s/on to 0845 in English. (Balbi)
 6105 R. Clube Ceara, Fortaleza, Brazil hrd 0800-0837 w/music. (Field)
 6135 R. Tahiti hrd at 0800 s/off with French national anthem. (Coulouras)
 6155 Far East Network, Tokyo, Japan hrd 0800 with news. (Wennerstrom)

0900 9680 VLM9, Melbourne, Australia hrd with news and weather. (Fredricks)
 6090 VLM6, Sydney, Australia heard with news. (Fredricks)
 6010 VOA, Okinawa hrd resuming xasn w/Eng. ID, then unid. lang. (Fredricks)
 4920 VLM4, Brisbane, Australia hrd 0930 w/"Window on the West". (Fredricks) Hrd at 0908 with English news. (Widner)
 3995 VQO4, Solomon Islands hrd 0915 w/BBC nx, home nx at 0930. (Fredricks)
 5980 R. Demerara, Br. Guiana hrd 0945 w/nx, ads & nx in Eng. Eng. religious program at 1000. (Fredricks) Hrd w/Eng. nx 0950 on weekdays. (Balbi)
 11805 AFRIS, Los Angeles, excellent in Australia at 0930. (Drew)
 11720 VOA, Dixon, California, very good at 0930 in English. (Drew)
 3385 ORIF, Cayenne, Fr. Guiana hrd w/0916 s/on, guitar IS, "La Marseillaise". Rock & roll mx to 0930. All annc.'s in French. (Henderson) Hrd 0930-0945 w/mx in French. (Fansler) Hrd 0914-0930 fadeout/ (Douglas)
 11955 BBC Far East Station, Singapore hrd 0900 s/on w/program review, Eng. nx 0915, //11750 & 9725. (Balbi) Note..Singapore has not been part of the Malaysian Federation for some time. Is separate nation. (Ed.)
 15060 R. Peking hrd in Eng., //9457. S/on is 0830. (Balbi) 9457 hrd. (Widner)
 15120 VOA, Honolulu hrd at 0900 s/on w/Eng. news, //1845. (Balbi)
 9710 TWR, Bonaire hrd at 0900 s/on in Portuguese. (Balbi)
 9770 RRI, Indonesia hrd irregularly in local language. (Balbi)
 5985 YDS2, RRI, Manado, Indonesia hrd in native lang. VOA GRM. Is listed for 5990. (Balbi)
 3902 HLK, Seoul, S. Korea, Home Svc. hrd in native language. (Balbi)
 9505 R. Japan, General Svc. hrd at 0900 s/on w/English news. (Widner)
 4890 VLT4, Port Moresby, N.G. hrd 0906 with BBC news relav. (Widner)

- 1000 11740 R. Australia hrd 1000-1130, //7220 in Indonesian. (Rowell)
 5055 R. Cultura de Cuieba, Brazil hrd 1010 w/Port. ID's, mx & talk. (Douglas) WRTH lists s/on time as 1100. (Ed.)
 11915 HCJB, The Voice of the Andes, Ecuador hrd in Japanese. (Balbi)
 11920 DZF2, FEBC, Philippines hrd at 1030 s/on in unid. language. (Balbi)
 11760 R. Hanoi, North Vietnam hrd with English news. (Balbi)
 11830 4VEJ, Cap Haitien, Haiti hrd at 1030 s/on w/Eng. ID, //6120, not 11835 as listed. (Balbi) 11830 hrd. (Widner)
 7295 YDQ3, RRI, Makassar, Indonesia hrd in native language. (Balbi)
 7235 BPC, Far East Station, Singapore hrd on this new freq. Eng. nx 1100, //3725 & 11750. (Balbi)
 6045 YDE, RRI, Djakarta, Indonesia hrd w/s-on in native lang. 100 kw. (Balbi)
 5980 R. Demerara, Georgetown, Br. Guiana good after 1000 w/Indian songs, Eng. announcements. Better at 1045. (Jaar)
 9505 R. Prague, Czechoslovakia heard with German xmsn. (Pestor)
 9530 R. Japan hrd 1015-1030 s/off in Sp. to Latin America. (Pestor) 9525 outlet hrd 1045 w/IS, then into Chinese. (Pestor)
 9735 D. Welle, Kigali hrd 1045 w/IS, then Eng. nx. (Pestor) 11905 hrd at 1055 s/off in English. (Nelson)
 9480 Komsomolsk, USSR hrd 1045 w/ID "Govorit Komsomolsk", then native songs and music. (Pestor)
 5850 R. Peking, China hrd 1000-1100 in unid. lang. but clear ID 1100. (Field)
 5095 R. Sutatenza, Colombia hrd 1040 w/Sp. ID & mx, //5075 which is best of two. (Douglas)
 3345 Voz de Pasaje, Ecuador noted 1030 on 3/30, early s/on, possibly due to Ecuadorian political trouble. Sp. talk & ID's. (Douglas)
 3315 R. Martinique hrd at 1015 s/on w/QM anncr in French. RTTY QRM. Heard often lately. (Douglas)
 9655 Voice of Free China, Taiwan hrd 1030 w/English news. (Nelson)
 9640 Voice of Free Korea, S. Korea hrd 1030 w/English newscast. (Nelson)

- 1100 13780 R. Pyongyang, N.Korea, very good in English, //7580. (Drew) 7580 (Balbi)
 9775 VTN, Saigon, S.Vietnam hrd w/news in French. (Balbi)
 9875 RRI, Indonesia hrd w/Eng. s/on and news at 1115. (Balbi)
 9550 R. Nacional, Tumbes, Peru good at 1100 s/on. Frequent ID's. (Jaar)
 9625 R. Atlantida, Iquitos, Peru hrd 1150 with local news. (Jaar)
 9710 W. Tropical, Tarapoto, Peru very good at 1120 in spite of QRM. (Jaar)
 9770 R. Amazonas, Iquitos, Peru hrd w/ads at 1150. Good sigs. (Jaar)
 9580 R. Australia hrd w/IS, s/on and news. (Pestor)
 15435 BBC, London hrd w/"Sports Roundup" at 1115. (Pestor)
 9505 R. Record, Sao Paulo, Brazil hrd 1115 w/harmonica mx & Sp. songs. (Pestor)
 9380 R. Alma Ata, USSR hrd here daily 1115-1135 s/off in unid. lang. (Pestor)
 7135 Tentative logging of Ambon, Indonesia at 1138 w/nx, ID at 1200. Listed for 7140. (Douglas)
 9760a Tentative logging of R. Hanoi, N.Vietnam. Hrd 1130 in oriental language, no music. Hanoi? (Nelson)

- 1200 21530 VOA, Woofferton, England excellent in Indonesian. Also on 17800 and 15340. (Drew)
 15230 VOA, Greenville, very good in Spanish. (Drew)
 15165 R. Berlin Int., GDR fair in English. QRMd. (Drew)
 9670 R. Ceylon Commercial Svc. hrd 1230-1245 w/request program. (Fansler)
 9600 R. Tashkent, Uzbek SSR hrd here w/Eng. xmsn 1230, //11925. Excellent signals. (Henderson) Hrd at 1200. (Nelson)
 9790 R. Cairo, Egypt hrd here weakly at 1215 in Arabic. Poor modulation level. (Henderson) 15475 hrd with Arabic talks at 1250. (Jaar)
 11600 R. Peking, China hrd here in English w/excellent sigs to past 1230. (Henderson) 15060 hrd 1221 with English commentary. (Widner)

- 1200 La Voz de Baru, David, Panama is much better now around 1200. (Jaar)
 6045 re above. Sorry.
 6125 HRQ, R. Suyapa, Honduras noted often after 1200. A new station. (Jaar)
 6155 R. Citadelle, Cap Haitien, Haiti hrd daily 1200-0300 now. Sundays at 1200-2100. Relays 1500 MW outlet. (Jaar)
 6180 La Voz de Guatemala, Guatemala City hrd beginning xmsn at 1200. (Jaar)
 6185 Broadcasting Tropical, Puerto Plata, Dominican Rep. on this freq for several months. Relays "Radio Noticias" prog. from HIN at 1200 like many other stations. (Jaar)
 15195 Radio Sweden hrd in English at 1255. Good signals. (Jaar)
 9610 R. Mauritania hrd in French w/"sort of wild music". (Pestor) R&R? hi!(Ed)
 9610 VLX9, Perth, Australia hrd w/ID, followed by ABC news. (Pestor)
 15185 R. Finland hrd 1245 on 4/9 w/special "Good Friday" prog. in English. (Parker) Hrd 1215-1315 w/DX-mailbag. (Kohser) Saturdays only. (Ed.)
 9580 R. Australia hrd 1214 w/Eng. xmsn to E. North America. (Parker)
 15050 R. Libertad, clandestine, hrd 1209 w/Eng. ID, then Spanish. (Widner)
 5970 CBC, Canada hrd w/Canadian Forces program. (Brhel)
 9510 BBC, London hrd 1200 w/nx, commentary and music. (Brhel)
- 1300 9555 YSS, R. Nacional, El Salvador hrd 1330 in Sp. w/mx & ID's. (Fredricks)
 9515 XEWW, Mexico City hrd in Spanish with good signals. (Fredricks)
 5037.5 R. Malaysia, Sarawak hrd 1315 in Eng. Nx at 1330. Into unid. language at 1400. (Fredricks)
 4890 VLT4, Port Moresby, New Guinea hrd in English w/music. (Fredricks)
 4865 R. Brunei hrd in English to 1430 s/off. (Fredricks)
 11760 R. Hanoi, N. Vietnam hrd 1300-1330 w/programs to US servicemen. Usually good level. (Fansler) Hrd 1330 in Japanese. (Flanagan)
 9755 ETLF, Ethiopia hrd w/Eng. xmsn to Ceylon, 1315-1400, into unid. lang. to India at 1400. (Fansler) //15410. (Jaar)
 15185 R. Finland good in Eng. at 1300, then DX prog. At 1315 annc.'s in Eng., French, Sp. & Finnish. Programs are directed to Europe & N. America, //11905 & 9555. (Jaar) DX program is on Saturdays. (Ed.)
 9560 R. Japan, General Svc. hrd with English news. (Parker)
 9580 BBC Far East St., Singapore hrd 1315 w/BBC relay in Eng. after Radio Australia s/off. (Parker)
 17845 SBC, Switzerland hrd 1330 w/English xmsn to Africa. (Parker)
 9485 La Voix de la Revolution Duvalieriste, Port-au-Prince, Haiti noted 1355 w/Fr. pop mx. ID & time check at 1400 in French. Signal strength is good but suffers from very distorted modulation. (Ed.)
 9580 R. Australia hrd 1300-1514 s/off w/DX prog. to ECNA. (Zeller) No DX prog. hrd 4/10, just nx & mx. (Bovee) Probably due to Easter. (Ed.)
 15100 R. Pakistan hrd 1335 w/local nx. (Coulouras) 17890 hrd 1335-1350 with English news. (Flanagan)
- 1400 9860 R. Peking, China hrd w/Eng. news at 1450. (Fredricks)
 5052 R. Singapore heard with English news. (Fredricks)
 5040 BBS, Rangoon, Burma hrd 1430 in English. (Fredricks)
 4950 R. Malaysia, Sarawak hrd 1400 with English news. (Fredricks)
 4877 VTNW, Saigon, S. Vietnam hrd 1415 in Vietnamese w/mx by YL's. (Fredricks)
 15420 R. Sweden hrd w/Eng. xmsn to North America, 1400-1430. (Jaar) (Kohser) Also at 1445-1515. (Boik) (Wedel) (Coulouras) (Parker)
 9875 RRI? Indonesia hrd irregularly w/Eng. 1430-1530, //9770. (Balbi)
 15015 R. Hanoi, N. Vietnam hrd 1430 in unidentified language. (Balbi)
 15425 Radiostansiya Rodina, Moscow, USSR noted on this freq at 1400 w/Russian language programming, often QRMing R. Sweden on 15420. (Ed.)
 9660 VLQ4, Brisbane, Australia noted at 1407 s/off in English. (Nelson)
 6070 CFRX, Toronto, Canada heard with music and ads. (Bovee)
 17810 BBC, London hrd 1445 w/request program. Heavy QRM. (Bovee)

- 1500 9670 R. Ceylon Comm. Svc. hrd 1530 in Eng. w/recorded mx prog's. (Fredrick)
- 9610 VLX9, Perth, Australia hrd with English news. (Fredricks)
- 7315 R. Peking, China hrd 1530 w/revolutionary talk in Eng. (Fredricks)
- 7220 R. Australia heard with English news. (Fredricks)
- 15125 Voice of Free China, Taiwan, excellent in Eng. at 1530. (Drew)
- 6120 R. Atlantic, Bluefields, Nicaragua very good daily around 1500 with request program. (Jaar)
- 17910 R. Ghana hrd w/vernacular, calypso-like songs non-stop to 1545, then annc.'s. (Jaar) 21720 outlet hrd weak in Eng. at 1540. mostly covered by Radio Free Europe. (Jaar)
- 21700 R. Portugal hrd strong in Portuguese at 1530. (Jaar)
- 10530 R. Alma Ata, Kazakh SSR hrd w/political speeches on 4/12. (Sparks)
- 6110 R. Baku, Azerbaidjen SSR hrd on this new freq. w/time pips at 1500, music box IS & ID in Turkish, "Bursai Baku", followed by nx in Turkish on 3/15. (Sparks)
- 15350 BBC, London, NA Svc. is apparently now 1500-1730 instead of former 1530 s/on. QRM'd occasionally by Moscow on same freq. Is //11840 later in transmission. (Ed.)
- 7290 All-India Radio hrd 1540 w/nx. Heavy QRM. (Beaupre)
- 1600 11825 VOFC, Taiwan hrd in Eng. w/nx review, s/off 1610. (Fredricks) 9765 hrd to Middle East, //9755 w/Arabic 1600, French 1645-1715. (Rowell)
- 15395 D. Welle, Koin, GFR, excellent in Eng. for South Asia. (Drew)
- 15325 R. Berlin Int., GDR, fair in English for Africa. (Drew)
- 7235 R. Prague, Czechoslovakia hrd fair in Arabic at 1630. (Drew)
- 12095 EBC, London hrd 1645 w/ "College Bowl". (Lee)
- 11830 R. 4VMH, Haiti hrd at 1656 s/on in Eng., Fr. & Creole(?). Check with crystal calibrator still says 11830, not listed & anncd 11835. (Hirst)
- 15240 R. Sweden hrd 1615 w/English news to the Far East. (Balbi)
- 17715 R. Havana Cuba uses this new freq., //17355 in Sp. till 1700. (Jaar)
- 7215 AERTS, Taipei, Taiwan hrd with pop music on 3/14. (Sparks)
- 9610 VLX9, Perth, Australia hrd 1600 w/Eng. nx. S/off 1608 with freq. annc. and "God Save the Queen". (Zeller)
- 15185 R. Finland hrd 1600-1630 w/"Finlandia Mixture" prog. (Coulouras) On Mondays. (Ed.) Hrd w/LM program. (Widner) On Saturdays. (Ed.)
- 6070 CFRX, Toronto, Canada noted 1603 with English news. (Widner)
- 1700 11696 Pekj-e-Iran, clandestine hrd 1750, very strong w/much talk, //11410 which was weaker. (Dexter) (Field) Hrd on 4/10 w/repeat of same Beatle record. (Field) Station with Beatle mx is not above station but is another attempting to jam it. Jammer is former "Kiss Me Honey" st. (Ed.)
- 9720 Riyadh, Saudi Arabia heard fair in Arabic. (Drew)
- 15070 EBC, London hrd 1750 w/rock & roll music. (Lee)
- 11800 R. Ceylon hrd to 1730 w/native commercial programming. (Rowell)
- 11855 FEBC, Philippines hrd 1730 w/English religious program. (Rowell)
- 11780 R. Iran hrd here 4/9, 1730-2130, Eng. 2000-2030 but badly QRM'd. In the clear at 2030-2130 s/off in Persian. (Rowell)
- 9505a HISD, Santo Domingo, Dominican Rep. noted back on this freq. since 3/28 after long silence. Annce new name of "Radio Television Dominicana", // usual 6090 & 620 MHz outlets. (Jaar)
- 15110 XEAR, Mexico City hrd with Spanish programs & ads. (Coulouras)
- 9505 R. Japan, Gen. Evc. hrd 1700-1715 with English news. (Hempfield)
- 11825 VOFC, Taiwan hrd 1730 w/Eng. nx. (Hempfield) New xmsn? Not listed in late sked. (Ed.)
- 1800 4804 Kisumu, Kenya hrd fair in native language. (Drew)
- 17690 R. Cairo, Egypt hrd 1835 in Arabic language. (Rowell)

- 1800 9620 VTFN, Saigon, S.Vietnam hrd 1805 in Vietnamese w/ID's & mx. Best from there at present in western USA. (Rowell)
- 15160 R. Ankara, Turkey hrd 1830 in German, 1900 in French. (Rowell) (Jaar) (Ed.) Hrd 1800. (Widner)
- 15293 R. Lourenco Marques, Mozambique hrd to 2000 in Portuguese. (Rowell)
- 11697 Clandestine, former "Kiss Me Honey" station, hrd irregularly now, 1830-1900 w/non-stop playing of Beatles' "Can't Buy Me Love". (Rowell) Hrd clearly 1815-1850 on 4/8. (DeHart)
- 21495 R. Portugal hrd in French, then Eng., 1815-1915, // 17880. (Balbi)
- 17805 D. Walle, Kigali hrd w/Eng. nx, African mx & panel discussion show. (Parker) (Woodward) (Widner) (Wennerstrom)
- 9470 Radiostansiya Rodina, USSR hrd w/IS & Russian ID. (DeHart)
- 11805 R. Globo, Rio de Janeiro, Brazil hrd very weakly 1800. Excellent reception at 0115. (Wennerstrom)
- 1900 4895 R. South Africa, African Svc. hrd in Eng. 4875, English Svc. also hrd. Both very good signals. (Drew)
- 4860 R. Lourenco Marques, Mozambique, fair with religious program. (Drew)
- 6005 CFCX, Montreal, Canada hrd w/news. mx and many ads. (Lee)
- 15150 RAI, Rome, Italy hrd w/IS & s/on at 1950 in language. (Nordgren) // 17800. (Balbi) WRTH says is Italian xmsn to Africa, 1950-2015. (Ed.)
- 17690 R. Cairo hrd w/"Voice of Africa" in Eng., 1930-2015 s/off. Eng. news at 1935. (Balbi) 1810 hrd at 1900. (Zeller)
- 17845 SBC, Switzerland hrd w/Eng. nx to Africa, in language at 2000. (Balbi)
- 21670 VOA, Liberia hrd strong to 1930 s/off in Eng. & unid. lang. (Boik) 1530 hrd 1900 w/Eng. ID, then Arabic. (McElhatton)
- 15185 R. Finland hrd 4/11 only w/1900 s/off. Regular s/off time is 1830. ID's in Eng., German, Spanish, French & Finnish. (Balbi)
- 21730 R. Norway hrd w/sarmon in Norwegian 1905, hymn 1913. Weak. Also noted // 17880 (Fair), 15175 (Weak), nil on 11250 except jamming. (Hill)
- 9915 All-India Radio, Delhi hrd 1950 w/Indian mx, ID 2000 & into English news, political commentary 2010. Feared to the UK & Europe. (Hill)
- 11865 R. Clube Pernambuco, Brazil hrd 1900-2000 w/sports b/c. (Field)
- 15190 R. Brazzaville, Congo hrd 1915-1930 w/ORTF news relay. (Green) (Kohser) (Widner) & (Wennerstrom).
- 11820 R. Berlin Int., GDR hrd 1915 with English to Africa. (Zeller)
- 11795 D. Walle, Koln, GFR noted at 1910 s/on w/Arabic Svc. IDed in English, German and Arabic. (Zeller)
- 15160 R. Ankara, Turkey hrd 1901 w/French s/on, then news. (Widner)
- 17880 R. Portugal hrd 1915 with much OSM. (Fenneman)
- 11810 R. Australia hrd 1910 w/nx. (Heapfield) Sked says 11840 this time. (Ed)
- 15105 WBS, Grenada hrd 1945 with English music and news. (Woodward)
- 2000 15220 R. Nederland, Bonaire hrd 2015 w/English request program. (Fredricks)
- 4845 BBC, Buchsaland hrd w/nx to 2015 s/off. Good. (Drew)
- 11780 R. Iran hrd 2030-2130 in Persian. RMed at 2105 by BBC. (Rowell) Hrd at 2000 with English. (Coulbours)
- 17880 EOTB, Ecuador noted 2045 in Swedish, // 15115. (Balbi)
- 15105 WBS, Grenada hrd w/BBC nx to 2015 s/off. Announced sked as 1925-2015 on this frequency. (Balbi)
- 11950 R. Brazzaville, Congo hrd in French to 2050 s/off. (Jaar)
- 15255 Voice of Nigeria, Lagos good in French at 2030, // 11915. (Jaar)
- 9340 R. Peking, China hrd 2020 w/Portuguese to 2027 close after usual anthem. (Hill)
- 9735 D. Walle, Koln, GFR hrd at 2000 s/on on 4/8 to N.America w/"Good Friday" music. This xmsn not listed in sked. (Zeller)
- 6005 CFCX, Montreal, Canada hrd in Eng. with rock & roll music. (Zeller)

- 2000 13250 R. Euzkadi, clandestine hrd 2030-2107 w/usual Sp. talks & mx. S/off time varies daily. Also hrd 2130-2218, //11290a. (Zeller) 11290 hrd 4/4 at 2055-2104 s/off. 13250 outlet not hrd. (Ed.)
- 2100 11735 R. Havana Cuba hrd in Eng. (Drew) (Raylesberg) 15135 hrd. (Lee) And 15300 hrd 2130 w/English ID and music. (Raylesberg)
- 7290 D. Welle, Koln, GFR, fair at 2110 in Eng. (Drew) 9735//11925 hrd at 2100 s/off. (Jenneman)
- 7170 VOA, Woofferton, England very good 2130 in French. (Drew)
- 9740 VOA, Tangier, very good at 2130 in Polish. (Drew)
- 6115 R. Free Europe heard very well in Rumanian. (Drew)
- 7260 BBC, London, European Svc., very good 2145 in Rumanian. (Drew) World Svc. on 11780//6125 hrd 2115 with news. (Jenneman)
- 9600 R. Australia hrd 2100-2115 s/off w/S.Pacific. Nx prior to s/off. Good level here. (Fansler)
- 15115 HCJB, Ecuador hrd w/English prog. 2100 and in Spanish 2130. (Lee)
- 11720 CBC, Canada hrd w/"Radio Canada SW Club" to Europe at 2135. (Lee) On Saturdays. (Ed.) 15320 outlet leaves air 5 minutes sooner than other frequencies in use at this time. (Callarman)
- 6025 R. Nederland hrd 2145 w/nx & mx. (Lee) 11730 outlet hrd 2100-2150, //9590 (Exc. Sunday) w/Eng. to N.America. (Rowell) (Raylesberg) (Beaupre)
- 11915 Voice of Nigeria, Lagos noted in French before 2100, //15255. (Jaar) 9690 hrd 2155 with English news. (McElhatton)
- 6000 La Voix de la Revolution Duvalieriste, Haiti tuned 2103, Palmolive ad in French at 2105, uninterrupted mx 2105-2135. Horrible QRM on this channel. (Hill)
- 11290 R. Euzkadi, clandestine hrd 2130-2227 s/off, //13230 on 4/11 w/political talks & mx, some religious. Also hrd 4/10 only On 11290 w/2215 s/off. (Field) Hrd 2100 on 4/12 w/s-off, anthem & IS. (Headen)
- 15155 ERTA, Liberia hrd 2130 w/"Hour of Freedom" prog. Much QSB. (Noznick) Hrd 2115-2145 w/Eng. religious prog. (Taylor)
- 11885 ORIF, France hrd at 2053 s/on in French. Time pips & time every 10 seconds 2100-2104 $\frac{1}{2}$, then Fr. to N.A. islands. (Zeller) Believe is beamed to the Antilles, Fr. Guiana and St. Pierre & Miquelon Is. (Ed)
- 9009 Kol Israel hrd w/Hebrew "Seaman's Program" on Sundays only at 2115-2200. (Zeller)
- 6070 CFPX, Toronto, Canada hrd 2100 w/news, then music. (Zeller)
- 15440 WRUL, New York City hrd 2130-2155 on Saturdays w/"DXing Worldwide". (Wedel)
- 6070 R. Sofia, Bulgaria hrd w/Eng. to Europe at 2130. (Raylesberg)
- 9475 R. Cairo, Egypt hrd 2145 w/nx & talk. (Beaupre) //11915. (Brhel)
- 9640 VORK, South Korea hrd w/Eng. 2100-2130, then Korean. (Wennerstrom)
- 2200 6130 R. Ghana, External Svc. hrd 2215 w/Eng. nx. S/off 2215. (Peters) (Green) 4915 hrd w/music 2215-2230, then English news. (Raylesberg)
- 13210 R. Euzkadi, clandestine, hrd 2202-2219 s/off w/mx & talk. (Dexter) Hrd sometimes to 2230 s/off. (Widner)
- 6030 CTFP, Calgary, Alb., Canada hrd 2230 w/good sigs, relaying CFCN. (Fredricks) Hrd 2250 w/music, news and ads. (Rowell) See tips.
- 7125 Vatican Radio, very good with English for Australia. (Drew)
- 3970 CIBSG, Angola, hrd good in Portuguese. (Drew)
- 9650 R. Conakry, Guinea, very good in French. 4910 hrd 2245 in Fr. (Drew)
- 6250 R. Santa Isabel, Sp. Guinea, good in Spanish at 2230. (Drew)
- 3960 R. Free Europe, fair in Czech at 2230. (Drew)
- 4845 R. Malaysia, Kuala Lumpur, good in Indian language at 2250. (Drew)
- 15105 WIBS, Granada noted often here around 2220. (Jaar) (Wennerstrom) //5015. (Zeller)

- 2200 9475 R. Cairo, Egypt hrd 2220-2315 s/off w/story, mx. (Wahl) (Taylor) (Widner) 9590 hrd w/Eng. nx. (Green) 11915 hrd 2200 w/Eng. ID & nx. (DeHart)
 6165 Damascus Radio, Syria hrd 2235 under severe QRM. Better at 2300 after SBC leaves freq., then Arabic ID. (Jaar)
 15155 ELWA, Liberia, very good here at 2210 in Portuguese to Brazil. (Jaar) (Green) Hrd 2200-2245 s/off. (Field) 4770 hrd 2230 in English. (Nelson)
 15195 R. Japan hrd clear in Eng. at 2200 in General Svc. (Jaar) (Coulouras)
 9770 Austrian Radio hrd thru heavy QRM & QRN. (Beaupre)
 15345 R. Nacional, Buenos Aires, Argentina hrd w/classical mx, annc.'s, then 2200 s/off. (Jaar)
 17720 R. Liberty, Taipei, Taiwan hrd from 2215 in Russian, jazz prog. 2230. Unusual to read this st. thru heavy Chinese Communist jamming. (Hill)
 9755 R. Brasil Central, Goiania, Brazil hrd w/music. (Field)
 9745 R. Cultura, Sao Paulo, Brazil hrd under HCJB, Ecuador. (Field)
 9720 R. Senegal, Dakar hrd w/mx inc. theme from "Beverly Hillbillies". (Field)
 9715 R. Nederland hrd w/nx in unidentified language. (Field)
 9710 RAI, Rome, Italy noted w/IS at 2220. (Field)
 9705 R. Berlin Int., GDR heard in Portuguese. (Field)
 6100 D. Welle, Koln, GFR hrd 2215 w/news in Portuguese. (Field)
 7135 VOA, Liberia hrd 2215 w/ID and s/off. (Noznick)
 11720 CBC, Canada heard with news and sports in English. (Green)
 4940 R. Abidjan, Ivory Coast hrd w/French nx & mx. (Zeller) 6015 outlet hrd 2240 in French with African music. (Widner)
 9685 R. Algeria hrd 4/11 w/Eng. transmission to Europe. (Coulouras)
 9615 RTB, Belgium heard with French music. (Widner)
 5985 Tentative logging of Grønland Radio, Greenland. Hrd 2215 w/OM in lang. ID mentioning Godthab. Weak with QRM. (McElhatton)
- 2300 11735 R. Clube de Goiania, Brazil hrd 2350 w/Brazilian programming, some US music. (Dexter)
 6080 CFEKX, Vancouver, B.C., Canada hrd with news. (Fredricks)
 6160 CKZU, Vancouver, B.C., Canada heard 2310 with interview prog. (Fredricks)
 9570 RIE, Madrid, Spain, fair in Spanish. 9360 good 2345 in Sp. (Drew) (Lee)
 11735 Rabat, Morocco hrd in French with fair signals. (Drew)
 7115 R. Prague, Czechoslovakia, poor in Spanish at 2320. (Drew)
 11895 RTB, Brussels, Belgium, fair in Dutch 2325, in French 2338. (Drew) 6115, "La Voix de L'Amitie", very good daily w/prog. in French and Flemish for snips & Belgians abroad. Ann'd freq.'s are: 6125 to North America, 9745 to Africa & 11895 to S. America. (Jaar)
 15230 KGEI, San Francisco, good w/Eng. & Sp. nx at 2330. (Drew) Hrd concluding "Back to the Bible" prog. at 2300. (Widner)
 17840 WRNL, New York City, good in Spanish at 2330. (Drew) 15440. (Lee)
 7120 R. Kiev, USSR, good in Ukrainian at 2330. (Drew)
 11785 ZYU61, R. Guaiaba, Brazil, fair in Portuguese at 2330. (Drew)
 4990 YVMO, R. Barquisimeto, Venezuela hrd 2345 w/good sig, Spanish annc.'s, marches and ads. (Henderson)
 5020 YVCO, R. Nacional, Venezuela hrd 2350 w/possible political speech in Spanish. (Henderson)
 5017 R. Bissau, Port. Guinea hrd 2330-0000 s/off w/pop songs. (Fansler)
 7330 R. Moscow, USSR hrd 2310 in Eng. to N.A. (Lee) Believe this is Radio Kiev relaying Moscow. (Ed.) 9680 hrd. (Green)
 9502 Radio-Television Dominicana, Dominican Rep. hrd back here at 2330 w/children's rosary, then Sp. to at least 0400. Listed on 9505. (Rowell) & (McElhatton)
 4705 Emisora Mariana, Pasto, Colombia moved to this freq. Noted 2300. (Jaar)
 5030 R. 4VGA, Port-de-Paix, Haiti is active again. Hrd around 2330. (Jaar)
 6000 La Voix de la Revolution Duvalieriste, Haiti moved here. Very bad freq. for night-time operation. (Jaar)

- 2300 7225 All-India Radio hrd w/IS 2315, then Oriental lang. till 0016. (Jaar)
- 15120 Vatican Radio hrd with Portuguese to Brazil, //11740. (Jaar)
- 6015 R. Abidjan, Ivory Coast noted 2310 w/prog. of African & Western pop music, Fr. annc.'s. (Ed.) Hrd 2330-2340 in French. (Raylesberg)
- 11710 RAE, Argentina hrd 2300 in English. (Field) (Ed.) (Field)v
- 6000 R. Inconfidencia, Belo Horizonte, Brazil hrd w/mx prog. thru jamming.
- 9625 CBC, Canada hrd w/Eng. to USA, Caribbean & L.America. (Green) Radio Canada SW Club on Saturdays, Mailbag on Sundays. (Wedel) (Beaupre)
- 17890 HCJB, Ecuador hrd 2330 with Eng. religious programs. (Taylor)
- 11845 ORTF, France hrd at 2300 s/on in Spanish. 50 db. over S9. (Raylesberg)
- 6100 D. Welle, Koln, GFR hrd 2318 in Spanish. (Raylesberg)
- 6085 R. Nederland hrd 2330 s/on in Dutch to S.America & W.Indies. (Raylesberg)
- 6070 R. Sofia, Bulgaria hrd 2330 with Bulgarian xmsn. (Raylesberg)
- 6010 RAI, Italy hrd 2335 in Italian to North America. (Raylesberg)
- 5965 VOA, Tangier, Morocco noted at 2300 s/off. (Raylesberg)
- 15135 R. Japan hrd 2345 w/news and Japanese lesson. (Beaupre)
- 14520 R. Pyongyang, N. Korea hrd 2300-2345 in Sp., then Korean at 0000. (Wennerstrom)

-30-

THIS MONTH'S SHORTWAVE CENTER REPORTERS

William Sparks, Calif.
 Robert Hill, Jr., D.C.
 Sam Rowell, Washington
 Paul Zucchi, Mass.
 Dan Henderson, Maryland
 Mike McElhattan, Penna.
 Alan Raylesberg, N.Y.
 Jerry Cree, Virginia
 Steve Bohac, Taiwan
 Bert Pester, Ontario
 Gerry Dexver, Wisc.
 Peter DeHart, Penna.
 Del Beaupre, Conn.
 Dick Hemphield, Calif.
 Barry Debl, Nebraska
 John Wedel, Texas
 Jack Widner, Indiana
 Elias Coulouras, Mass.
 John Patton, Penna.

Mike Leuchtefeld, Ill.
 Peter Graner, Calif.
 John Kohser, Penna.
 Bob Taylor, W.Va.
 George Zeller, Ohio
 Don Jensen, Wisconsin
 Marvin Nelson, N.Y.
 Dan Douglas, Texas
 August Balbi, Calif.
 Gordon Schiff, Ill.
 Clarence Wahl, Kansas
 Mark Hosmer, Indiana
 Roger Parker, Ill.
 Andy Koznick, Ill.
 Jerry Henden, N.C.
 Marlin Field, Mich.
 Victor Jaar, Haiti
 Warren Nordgren, Ill.
 Michael Lee, N.Y.

Gary Fredricks, Ore.
 Peter Drew, Australia
 Ray Fansler, Illinois
 Ralph Irace, Jr., Conn.
 Frank Peters, Illinois
 Joe Fela, Jr., N.J.
 Jerry Batman, S. C.
 John Lindgren, Calif.
 Del Hirst, Texas
 Ray Boik, Michigan
 Bill Eddings, Penna.
 Gregory Bovee, Mich.
 Richard Jenneman, Wisc.
 Mel Flannegan, Jr., Va.
 Odis Woodward, Jr., Tenn.
 Ed Brhel, New York
 Grant Wennerstrom, Calif.
 World Radio Bulletin
 Sweden Calling DXers

CORRECTIONS to items appearing in April 1966 edition of NASA Shortwave Center:

- 0000 R. Pyongyang, N. Korea is on 14520, //11748, 0000-0100 in Korean. (Rowell)
- 0000 ELWA, 15155 hrd at 0000 is puzzle as never hrd after 2245 s/off in Port. (Balbi)
- 0000 R. Hanoi, 9330 rptd this time is probably Budapest, not Hanoi. (Balbi)
- 15120 Vatican Radio on 15120 is not a new freq., as is listed for them. (Rowell)
- 1520 XERP, Mexico, correct freq. is 11740, not 17890. (Rowell) Was a typing error. (Ed)
- 2000 Tunisia was on 6305, not 6035. Was also miscopied in SCDXers Bull. #850. Was on 6305 for couple months, completely in the clear. Now on 6195. (Henderson)
- 2100 R. Ghana is on 9545 at 2100, not 9475 as reported. (Balbi)
- 2200 KGEI has been on 15225 at 2230-2330 since 3/25 to avoid Cuba QRM on 15230. (Ba)
- 2300 HCJB is on 15115 at 2330, //17890. Listed so in late sked & logged. (Balbi)

That does it for another month! ... Till next time, good luck & good listening!

73, *TRON*