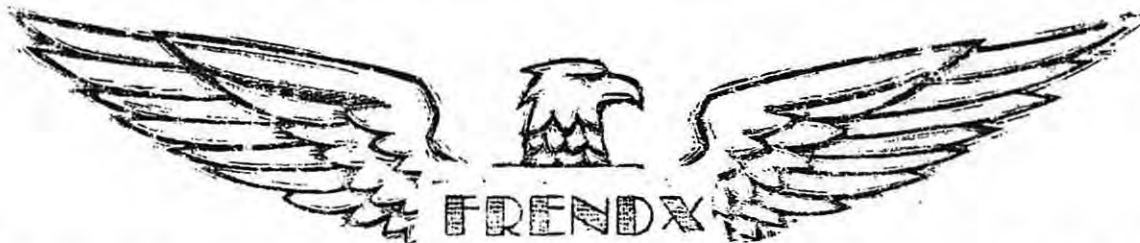


NORTH AMERICAN SHORTWAVE ASSOCIATION



OFFICIAL BULLETIN

FEB. '65 EDITION

1503 Fifth Avenue A2, Altoona, Penna. 16602 USA

HERE WE GO AGAIN!!

Most club headquarters, through an exchange of bulletins, are kept informed of the doings of one another. By this medium, each headquarters saves time and expense in that the officials need not write so many letters to one another. As we see it, the exchange of bulletins is beneficial to all concerned.

Recently the editor of one club bulletin mentioned the possibility of a "new Trend" referring to the spirit duplicating process used by his club. He gave his views on the matter in reply to inquiries de other clubs. What happened? Well seems a certain other club editor, one whose bulletin is processed by mimeograph, as is Trendx, came out with his views favoring mimeograph. Result? Seems a bit of "jabbing" is now going on via editorials by these two editors; And over something not really important!

Little controversies of this nature are not good, not for clubs and certainly not for the hobby in general. What matters if one club prefers to use one method of printing over another? Does it have bearing on other clubs? It isnt the duplicating process that makes the bulletins gentlemen, its the contents!!

Each of the editors at point have right to voice their opinions, sure; But to make issue of the matter; To bring such to the edge of controversy is senseless.

NASA hdqs read what the OM had to say re spirit duplicating and the views he gave as it possibly becoming a "new trend"...and even though we favor mimeograph, we didnt feel it necessary to take offense, to come back in pages of Trendx and give our side or our opinions pro/con. The subject was not considered that important; Most certainly not important enough to make it an issue for controversy!

Some of you older NASAsers will recall that we once used spirit duplicating...when the club first started and before hdq came to Altoona, but then we changed to mimeograph. WHY? Merely because, mainly/firstly, it was the want of our members!

We dont say one process of duplicating is better than the other, both have their advantages/disadvantages, and no matter what process a club uses, it should be for and in keeping with the means/wants of the members in its ranks.

Dont let's start bickering about such trite matters amongst ourselves gentlemen. On the contrary, let us all, as best we can, join together in Unity and Friendship. It matters not if we are coANARC members...it matter more that we are together in heart, doing as best we can for the OM supporting us, beleiving in the mottos of our clubs..

"UNITY AND FRIENDSHIP"

"WORLD FRIENDSHIP THROUGH SHORTWAVE"

"WORLD PEACE THROUGH MUTUAL FRIENDSHIP AND UNDERSTANDING"

Each contain one thing in common; Let's practice it, not just print it! Bill Eddings

FRENDX is the official publication of the North American ShortWave Association. There are no subscriptions! Only sincere and active members are entitled to copies by application/joining the organization and paying required fee for membership (\$3.00 per year to residents of North America, \$4.50 to all others). This and all editions are made possible through the combined interest/cooperation of the club officers, editorial staff and supporting members.

FRENDX STAFF: William P. Eddings
Joseph Fela Jr.
Richard F. Little
Larry Marshall
Douglas Benson

BOARD OF DIRECTORS: Donald Jensen
Louie A. Stober
William Strait

ANARC REP's: Frank Peters
Douglas Benson

The North American ShortWave Association is a non-profit radio hobby organization and is unincorporated. Each/everyof its members pledging to uphold the club motto of "Unity and Friendship"

This publication is not copywrited!

MNY HAPPY RETURNS!

Birthday greetings are extended these OM who celebrate this month: Phil Flickinger, Frank Domineske, Bob Rooney, Dick Staples, Tim Brown, Sam Rowell, John Lindgren, and Jerry Florance, David Lyon.

WANTED

Info on Hallicrafters S-41G and/or Echophone EC-1A. Need spec and tech data. Also would appreciate full QTH of John Whitmore WPE2FVR. Pse write: Dick Jenneman, R.R. 2, Box 104, Stanley, Wisconsin 54768.

QUESTION/ANSWER

Does NASA contemplate becoming strictly a club, publishing bulletins exclusively of SWBC only? - Although NASA is, as name so implies, a Shortwave Assn, there are no plans at present to limit/restrict members or bulletins to the various phases of DX solely related to shortwave. Too, unlike certain other clubs, NASA considers SW to encompass the all of bands re amateur radio, utility, etc...not merely SWBC. Thus, should the time come when NASA would consider going SW only, it would be for all OM in any/all interests of SW.

TWO SIDES!

"Why editorialize so much about Unity and Friendship? I would rather see editorials more oriented on constructive criticisms re the hobby."

"Your editorials on Unity and Friendship are very thought provoking and make much sense. If only more members were to heed the messages they contain, the club and the hobby would be better off many ways." (The above are excerpts from letters rcvd at hdq de two different members.)

TRAVELING NASAers

Dick and Peggy Fairless are vacationing in Acapulco, Mexico.
Paul Bassiri, with the Armed Forces in la Belle France, informs us he has married a French mademoiselle and does not plan to return stateside.

CLUB EMBLEMS

Orders for club emblems are trickling in, but not yet near enough for hdq to take action. Have you ordered yours? 69¢ ea.

OFFICIAL APPOINTMENTS

To the BoD; William Strait, replacing John Arthur who has enlisted in the USAF.
To Friendx staff; Douglas Benson will take over editorship of NewsRoom section. Both appointments to be effective March 1, 1965 and to be held until further notice. It should be pointed out that Bill has accepted the BoD post even though he is quite occupied with his duties re recent position as SWL-CHC Affairs Coordinator. Nonetheless he has pledged to do his best for us. We can ask/expect no more! With his sincere and worthy cooperation, coupled with that of Lou Stober and Don Jensen, we feel our BoD can and will now be able to "step forward". As for Doug, being he has recently changed vocation, he now will have more time to give to club/hobby. He volunteered to take the above named editorship in order to relieve hdq of some of the burden, and to keep the section in Friendx due the fact it is one of the more original/unique of its kind in club bulletins today. It is hoped that with Doug as editor of this section, more support will be given and interest shown it. On these, continuation depend.

WARNING-WARNING!

Any member of this association who, for any reason(s) whatsoever, willfully threatens or pressures anyone into joining this or any other radio-connected hobby club, will be outrightly expelled from NASA!

AROUND THE CLUBS

(These are not opinions de NASA hdq, they are facts taken from the bulletins of clubs mentioned) AS'LC II plans to become an SWL club only....KYDKA hopes, after upcoming election of new BoD, to take actions re the non-reporting members in its ranks....The CIDXC was recently forced to put out a tri-monthly bulletin because of lack of reports from members and due QRM at its hdqs....WARC announces change of managership from Jerry Seckel/Ohio. to Joe Johnston/Penna. Hdq will now be; 4834 Old York Rd., Philadelphia, Pa.....ACRC is presently making arrangements to include a TV/FM column in its monthly bulletin....EIDXC has come up with its own country list purposed to being a definitive guide for DXers/SWLs.....WIDKA-West Indian DX Association, a young and new club invites interested/prospective members to write for info. Send to: WIDKA, 21 Richmond St., Port of Spain, Trinidad.

"RED (you should excuse the expression!) FACED"

* * * * *

Yours truly made, not a simple mistake in last months Frendx, but a stupid one. I had mentioned that Jim Vastenoud/BDXC had given over his post of Exec. Editor to Marten van Delft, and that Jim would be leaving Holland for England in the near future. Well forget it!!! In the first place, Jim had not been Exec. Editor, but was and still is, President of the BDXC. Jaap B. Kleijn was Exec. Editor, now replaced by Ben Loog, new Exec. Editor, Jaap remaining on staff as MW/BCB Editor; And is the OM leaving for England this summer. Marten van Delft enters in as QSL Editor. So there you are, the correct facts! As for the error last month, I apologize to all concerned and I extend tnx to friend Jaap Kleijn who was good enough to call it to my attention. The mistake was mine alone and I wont use the excuse that I erred because I am only human;(because at times I have doubts!)Hi! For your info, BDXC is the Benelux *DX Club. -Bill Eddines (*Belgium-Netherlands-Luxemburg. QTH of hdq is: Zeevaertweg 19, Hilversum, Holland.)

ANARC REPORTE

By NASA representatives to Association of North American Radio Clubs; Frank Peters, 820 West 34th Street, Chicago, Illinois; Doug Benson, 502 Main Street A5, Laconia, N. Hamp.

The most controversial proposals yet balloted on by ANARC reps were decided by a full 15 member staff vote. Facts and results follow:

I. Proposed that voting results within ANARC should be published exclusively in the ANARC NewsLetter (sent only to the hdqs and the reps of clubs in ANARC) rather than be made available to all. Vote was 8 yes, 7 no; Resolution carried.

II. Proposed a referendum by each club prior to any ANARC action on matters pertaining to the establishment of hobby standards, codes of conduct, and similar thoughts. (This proposal required a twothirds vote to pass!) It was defeated.

III. Resolution for balloting suggested certain "internal club functions" shud not fall within ANARC's sphere of influence. Resolution was passed by vote 8-7.

The above two proposals were target of much pro and con. Sincere effort on behalf of ideals, the ANARC and the hobby were exhibited by all reps.

On other ANARC developments, the Exec. Sec. advises that the program from Radio Gambia came off as sked, but that only a handful of reports have been rcvd. and only two from the U.S.

We NASA reps to ANARC, appointed by club hdqs to speak and act in your behalf, have to date, had little mail from NASA members towards actions, thoughts, proposals. Few of any club members seem to know the "why" of ANARC, seem to care less. It is for these reasons we here inagurate "ANARC REPORTE". Through it in monthly Frendx, we hope to be able to keep you abreast of all ANARC news/actions; Also to instill interest of more members so that we as your representatives can better serve, act for NASA and be of benefit to the hobby. Your comments, opinions, proposals, ideas are needed! It is vry imperative that you participate! If not, then NASA's affiliation with ANARC cannot be of any use, cannot thrive.

In future reporte, we plan to inform you of how/why we voted on proposals, etc., set forth by ANARC hdq. In this way you will know the views as we get them from YOU the members whom we represent. Our votes result from your likes/dislikes, your wants and ideas and opinions, criticisms. Without these from you, we cannot serve worthily the office of being YOUR representatives to ANARC. Write to your rep(s) now, today!!!

ANARC is not a club! It is made up of the following clubs which are banded together as a means to better the hobby through cooperation, understanding and mutual interest; To set up certain standards for all clubs to follow so that each/all will benefit.

North American Shortwave Assn.

Kentucky DXers Assn.

Canadian DX Club

American SWL Club II

Newark News Radio Club

National Radio Club

Worldwide Radio Monitors Club

America Central Radio Club

Canadian Internation DX Club

Great Lakes SW Club

International Radio Club America

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 * NEW NEW *
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 * MEMBERS MEMBERS *
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- Frank J. Domineske/WPE3EPB, R.D.1, Wellsboro, Pennsylvania. Frank is married and is a happy 44. His rx is a Lafayette HE80 fed by an inverted L about 75' long, 20' high. Other gear- Lafayette HB111 and Johnson I. He is interested in monitoring the SWBC, MW and Ham bands. To date has 25 QSL's. Plans to earn some certificates and take an active part in contests. He joined NASA after reading of it in S9.
- Andrew Noznick, 2730 Thayer Street, Evanston, Illinois. "I am 14 and have only been listening for about three months so far. My rx is a Hallicrafters S108 with longwire, 10' vertical and 51' folded dipole. Also have an S meter. I like to monitor SWBC and MW bands and have 17 QSL'sso far. Other of my interests include science, biology and photography. I heard about NASA from Wally Koshuba."
- Robert Fancher(WPE applied for), P.O.Box 156, Darling, Mississippi. "Have been active in CB and have recently become interested in SWLing. I enjoy listening to hams and far off SWBC stations. Through joining NASA, which I read about in S9, I hope to be able to learn more about the hobby and really get into it in a big way. I have an S120 and a StarRoamer, both hooked to a longwire antenna. I am single, 24 and live on a farm. Hope to make many new friends and become a good member."
- Robert Newhart, Stenkullegatan 7, Norrkoping, Sweden. "Age 26, recently out of the US Army, now resding here and working at the Phillips factory. Am single. Receiver is a British Army RL07; Current antenna is an indoor type. Monitoring prferences are MW and SWBC. Am interested in awards/certificates and contests. Other interests are photography and languages. Of the many QSL's received to date, I prize that from Radio El Sol most. Am member of SIKC, DSWC and BDKC."
- Richard Malchetske/WPE9HBT, 644 Third Street, Menasha, Wisconsin. "I was bitten by the bug in 1962. I DX the HamBands, have over 250 QSL's, best from Mauritius Island. Am interested in awards/certificates and contests. Gear consists of a National NC270 and an ARC-5. Antenna is 20 meter dipole(rotary). Other gear- AR-22 rotor and a Hallicrafters SR-42. Am 20, single and work as an auto service technician. Presently am a communicator in Civil Air Patrol. First hrd about NASA in EI."
- Robert Anthony/WPE2MFI, 244 Franklin Road, Denville, New Jersey. "I am 17 years old and a jr. in highschool. Have been SWLing for over a year, also equally active in BCBing. Rx is a Lafayette HE40, but I hope to have a more elaborate one in future. I am interested in cardswaps, stamps, coins, awards/certificates and contests. Have 63 QSL's thus far. My antenna is a 50' inverted L. Am a member of RGSWC. Became interested in NASA via Alan Herrington."
- Richard D. Hempfield, 1615 East 1st Street, Long Beach, California. "Born in Ohio, served two years with U.S.N., presently working as machinist. Am 27, married. Rx is a Globe Patrol, also have an Archer(kit). Antennas are vaious/assorted lengths. Like to monitor SWBC and am interested in awards and contests. Other interests are hunting and fishing. Hrd about NASA in S9 magazine."
- David K. Lyon(WPE applied for) R.F.D.3, Wellsboro, Pennsylvania. "Am 45, married and am a machine op by trade. Rx is Hallicrafters SX110, antenna an inverted L. Other gear is CB rig, a Lafayette HE20, also an FM rx. Prefer to monitor SWBC and I am vry interested in awards/certificates. Also interested in cardswapping, hunting, fishing and CB (am president of Tioga County REACT.) Hrd about NASA de Frank Domineske."
- Robert G. Winchell/WPE3FIU, 326 Carter Street, Aberdeen, Maryland. "Am 16 yrs old and a jr in highschool. Have been DXing, mostly BCB, for the past 6 months. Have 72 QSLs so far. Am president of my class, photographer for scool paper/yearbook and member of student council. Interested in awards/certifs and contests. Rx is S-120; Antenna is 100' inverted L. First hrd about NASA in "S9".

New Members cont'd.

Henry M. Slade, 136 Tamarack Street, Vandenberg AFB, California. "Receiver is an NC190 and antennae are 18' vertical, 60' longwire. Other gear- AMECO PCS-P preamp, AIWA portable tape recorder. Am a Tech Sgt in USAF, married, age 32. Interested in DXing SWBC, MW, Ham and Utilities. Also interested in awards/certificates and contests as well as electronics and tapesponding. Hope I can, in my little way, contribute to the furtherance of our club/hobby through the pages of Friendx. Heard/read about NASA in PE(Hank Bennetts)Leaflet H."

Robert R. Wright(WPE applied for) 291 Parish Drive, Wayne, New Jersey. "I am 13 and in 6th grade. My shack includes a Knight SpanMaster and Lafayette HE80. Antenna is 130' longwire. Like to listen to MW, SWBC and Ham bands. Hope to start swapping when I get my call letters and cards printed. Also interested in certificates. Hope to become a ham someday. I joined NASA via Edwin Bolton Jr."

Kenneth W. Brown/WPE7CEP, Box 610, Malta, Montana. "I am 19 years old and have been a DXer for about a year. Like to listen to MW, SWBC and ARO bands. Rx is an RCA 811K and I use a homebrew multi-band antenna with it. I am not a cardswapper, but am interested in tapesponding, also coin collecting. Recorder is a Wollensak T1220. Of the QSLs I have rcvd so far, I prize the one from Radio Ghana most. First hrd about NASA in PE."

John J. Seay/WPE4IGT, 366 Wisteria Street, Fairhope, Alabama. "Receivers here are an 8 transistor 2band, and a 10 transistor 5band. Antennae used are built-ins and a dipole. Prefer to monitor SWBC, have 62 QSL's thus far. Age is 23 and single. I work as a clerk for a chain store. Am interested in cardswapping, awards/certificates and contests. I am also interested in sports, reading and penpals. Am member of ISWL. Heard/read about NASA in the WRTH. Just received my WPE call listed above."

...renewals.....RENEWALS.....renewals...

Pleased to welcome back Herb Keesecker for his second year, Clayton Woodward, Thomas Bispham, and Walter Smart for their third year. Good to have you with us again gents!

NEW QTHs

Ted A. Templeton, Post Office Box 8, Sagertown, Pennsylvania 16433
Worldwide Monitors Radio Club, 4834 Old York Road, Philadelphia, Pennsylvania 19141

SWAP TALK

MANY THANKS!

Lafayette KY202 VTVM. Am interested in a SW rx. Write: Ken Weaver, 5 E. Montgomery Street, Allentown, Penna. 18103.

CONFIRMATION!

Hdqs confirms orders for either WRTH/SW, WRTH/MW, B.I.T, or combination, from the following members: Mike Rudberg, Timothy Brown, John Pirnat, Fred Parsons, Dan Wilt, Robert Rooney, W.R.Davis, Randy Hittle, Jerry Sullivant, Louis Hart Jr., Robert E. Anthony, Joe Rudolph, Ambrose Maxim, Tim Hartman, Vic Veselka, George Hall, Charles Johnson, Joe Fela Jr., Ed Horacek.

(This is not the final list, but is that of orders received to date 1/25. Please keep in mind that these, along with others rcvd up to 1/31, will be combined and sent to Denmark from where they will be filled and mailed direct to those ordering.)

NASA is pleased to be able to offer you a discount and make this service available!

We are a bit tardy, but nonetheless many tnx are sent to NASAers John Arthur, Don Erickson, Joe Fela and Neal Gregory for their representing us in the first of the WDXC's held by WMRC. These four OM, altho not coming out on top in the first of the sked BCB contests, showed spirit of cooperation w/WMRC. Other than them, only members of WMRC took part...none of the other members of invited clubs entered. Johnny T managed to take 3rd place and won himself a certificate. 1st place winner was lil ole Jody Coles/WMRC with net score of 1020; our Johnny had 755. So tnx to all four of you NASAers, congrats to the winners and to WMRC proper. Much luck and success in upcoming WDXC's. Last, but not least, a salute to WDXC manager, Jack Keene, whose work makes these competitions possible.

Men who never amount to much are those who cannot do what they are told and those who can do nothing else!

NASA SHORTWAVE B/C CENTER NASA

Compiled at NASA Hdq.

All times are GMT

Next deadline Feb. 18th

WORLDS MOST POPULAR SWBC STATION !!!

In the latest poll, which is held every three years by the ISWC-London, and open to all SWBCers of the world, Radio Nederland was voted the most popular International SWBC station. Others in the top five were Radio Australia, BBC, Swiss SW Service and the CBC, in respective order. The VOA placed sixth. NASA congratulates them all, especially our friends at Radio Nederland, and wishes them continued success/popularity in future.

There were, of course, many varied/assorted reasons why Radio Nederland was voted the top choice of hundreds of SWL's and DXers around the world. NASA Hdqs would perhaps add another; That being because the staff of Radio Nederland has always been found to be most cooperative and sincerely friendly...not only to the individual, but to the all of the many radio clubs of the world. They show desire, give proof of wanting to make a "team" of the listener and the broadcaster...not for propaganda purposes, but for the earthly and just purposes beneficial to all concerned. Would that more stations and the staffs of same be of "heart" comparable to that of our friends at Radio Nederland, the all of our hobby would be enriched; Mayhaps even the all of the world today.

Recently NASA sent H. van Gelder, in behalf of Radio Nederland, our "Friendship Award" certificate...here is quote from his letter in reply: "We very much appreciate your award and feel highly honored at having been selected for this distinction. The certificate itself was greatly admired here. I feel the award adds to one's responsibility, and I only hope we shall be able to live up to it. As for our being voted the most popular SWBC station, here again we are going to have a hard job to remain worthy of the distinction, but with the encouragement we receive from individuals and the many clubs all over the world, we feel we have a better chance than would otherwise be the case."

As most of you know, NASA was one of four clubs hrd over Radio Nederlands DX JukeBox program christmas eve last; Well, according to mail rcvd here, not one member listened to that broadcast...at least nobody listed it in latest reports! Considering the program was on xmas eve, this is perhaps understandable...and although I was reluctant at first, about mentioning the following, on second thought I do so. Radio Nederland has sent a tape of the program to NASA Hdq...it is the complete broadcast. To any of you interested, I am willing to send a copy. All you need do is supply blank reel of tape and return postage. The original copy I rcvd is recorded at 3.75ips on a 5" reel, one track(side). I make this offer as a club service to NASA members only; Should you care to avail yourself of it, send blank tape and return postage to hdq. E.E.

Hdqs is quite pleased to see so many of U take advantage of the low prices, due the club discount, on the WPTH. Orders are es have been coming in every day and will be combined, sent to Denmark in a few days so that delivery will be made direct from there to all members who ordered. The B.I.T. tape is also meeting with some interest and I can tell you firsthand, it is a real "gem" for SWBCers young/old. Remember to allow about a month for delivery of these books/tapes; They are sent ia sea-mail from Denmark. (It goes without saying that when services such as these are offered by the club and are met with good response from members, we will add more/new in future.)

Comments on last months "Differentiating" (between SWL and DXer re SWBC) brought the following...de August Balbi "Points well stated and I agree with you. As you know, I am both an SWL and a DXer." (You certainly are OM...and a topper in both!) de Joe Rudolph "I was always of the opinion that anything I hrd below 1600kc was SWLing, even if it was cw." (FB Joe, but as I had mentioned last month, wat I sed was in re to SWBC!) de Al Tobin "Isnt an OM who DXes the handbands also an SWL?" (Sure is Al, but as I reminded Joe above, I am remind you, I specified last month that I was talking about SWBC. To define the SWL in general would take quite a bit of writting. Wat I sed last month was my opinion of SWBC SWL.

RFE -- RADIO FREE EUROPE

per London Press

What do Sophia Loren, David and Goliath, Julius Ceasar, Telestar and the Beatles have in common? The answer is that they are all code names adopted by listeners behind the Iron Curtain when writing to Radio Free Europe, which has its headquarters in Munich. Julius writes to complain about the gagging of intellectuals in Poland. David & Goliath tell of the wretched conditions of workers in Rumania. Sophia of Budapest wants to hear more American jazz. Their letters are just a sampling of the mail received daily by RFE from Poland, Bulgaria, Rumania and Czechoslovakia.

How did this all begin? RFE first went on the air July 4, 1950. At that time the station consisted of a 7 $\frac{1}{2}$ kw portable xmtr broadcasting only 10 hours a week. Today RFE consists of 5 radio stations with headquarters in Munich, Germany, and broadcasts with a power of over 1,250,000watts from a system of xmtrs in West Germany and Portugal. RFE maintains 28 xmtrs, a mixture of both MW and SW; This mixture helps to attain maximum effectiveness in the battle with the Communist jammers.

Altogether this private American network has an estimated 16 million listeners among the 80 million people in its five target countries. More significantly, RFE is now reaching, for the first time, the urban populations of these Eastern European countries thanks to the fact that RFE broadcasts are no longer jammed as vigorously as before. Previously it was confined, by ground jamming, to rural areas largely and hence to a peasant audience.

All programs, consisting of newscasts, pressreviews, commentaries, religious programs, music, sports, entertainment, culture, and features prepared at the studios in Munich. From here they are sent to other stations by land cable, micro-wave by a battery of 6 relay xmtrs. RFE's broadcasting is entirely done by exiles from the satellites, both writing and broadcasting the programs. Policy and program guidance is provided by the American Director and a staff of specialists in Soviet Bloc affairs. Master tapes at each xmtr location record all broadcasts, thus assuring a permanent, complete and unalterable archive of all programs.

Most RFE programs are directed at young people who suffer from restrictions on freedom, and who have shown the greatest desire to change the present Communist regime. In Poland for example, three-quarters of the population are under 35 years of age and half is under 25.

RFE broadcasts 18 hours daily in native languages to Poland, Czechoslovakia and Hungary, and five hours daily to Rumania and Bulgaria.

Unlike the VOA, RFE concentrates only on its five target countries. Says Richard V. Burke, Director of Policy... "We provide the only clear voice of opposition to the satellite regimes. Our aim is to break the Communist monopoly of news and information by reporting that what is happening on both sides of the Iron Curtain."

One of the measures of RFE'S effectiveness is the frequency and violence with which it is attacked by the Communist bosses of Eastern Europe. Another yardstick is the volume of letters from grateful listeners. Typical of these is one from a Czech girl, aged 22 who wrote... "I am of a small town. I was not allowed to go to the University. Your broadcasts are my only window on the world."

Tnx for the above go to our Stafford, England member Jon Gentry. We invite similar items/accounts/articles from all members. Such will be used in future editions of our bulletins. Sources of these can be newspapers, magazines, or better yet, upon request from you to most radio stations which are always happy to get publicity/welcome the opportunity to relate their history. Next month we hope to feature the Voice of Free China, submitted by member Lou Stober, and to be entitled.. "This is the BCC".

Just rcvd new QSL card from Zambia Broadcasting Corp. for Lusaka, 3346; In three weeks. Also rcvd special commemorative card de Radio Japan and a letter/verification from ACA-Canal one. "Bill Sparks.
 Latest QSL here is de Radio Balmaceda, Chile. "Leo Fleury.
 QSL here de UN Radio on 11780". Tom Bispham.
 Radio Barquisimeto, Venezuela QSL'd in two weeks. Also rcvd QSL de Deutsche Welle for their 7125 outlet in Greman to the NearEast". Lou Stober.



"My most recent additions to QSL collection are from Kol Israel and one from Tcahd (this after 2 1/2 months)". Frank Peters.
 "DW sent 1965 calendar w/beautiful color pix of German country-side. Portion is detachable to form picture booklet." Tin Hartman. (Also rcvd at hdq Ed.)
 "After waiting four months, finally rcvd QSL card de Radio Denmark." Rick Cohen. 0010-0010

The non-QSL survey info sked to be contained this month has not been received yet as we do this column. Should it arrive from BDXC before we go to press, it will be added to the section elsewhere. If not rcvd in time, we will have it next month. B.E. 0010-0010

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

Spanish station on 4825A at 0400 with continuous concert music. S/off at 0500, but ID not clear. Who? (Stober)
 French speaking station w/music-songs, talk (possibly nx) on 3250A at 0600-0645. Many ID's in French. Comprenez vous? (Stober)
 Station with YL anncr in native (not recognized/understood) language on 3325A at 1700. National song/anthem and s/off at 1707. Who this? (Stober)
 Anyone know the Spanish speaking station on 4940 at 0500 after Radio Diffusora Nacional Peru signs off? (Peters)
 Who is on 3824 w/Chime IS from 0700-0710, then Eng language lesson ending at 0720. Not heard after this time. (Peters)
 Can anyone tell me if the Russian at 0500 on 5940//4895/4996 is Minsk? (Peters)
 What is the French speaking station on 4785A at 2130-2245; Radio Niger?? (Pirnat)
 A station in Turkish-Arabic language on 6615..also classical and native mx. Frequency varies/drifts at times. Has good signals to WCNA. Who is it? (Payne)
 (Anyone who can help with these UNIDs, either write to the OM concerned direct or send info on postcard, to hdq and it will be forwarded. Your cooperation appreciated! B.E.)

CHECKING THE 40M BAND

Member Sam Rowell recently took a long listen to the SWBC stations operating in the 40-meter band. He heard the following between 2245 and 2330, latter part of Dec. last:
 7080 Radio Peking 7115 Radio Prague 7110 Unidentified Russian
 7120 Unidentified Russian 7130 BBC 7150 Radio Moscow
 7210 Regional USSR 7245 Radio Peking 7290 Radio Moscow
 7305 Radio Budapest 7310 Radio Moscow 7330 Radio Peking
 7335 CHU (not SWBC) 7345 Radio Prague 7050 Radio Cairo
 (After seeing this, tis easy to realize why the ARO on 40 are vry much perturbed! Ed.)

pennants....PENNANTS....pennants

Tnx to coNASA-DXRA members Don Jensen/Jerry Dexter, we continue list of SWBC stations known to issue pennants..though all may not do so presently/regularly. Some also MW.
 ECUADOR: COLOMBIA: SPAIN:
 Radio El Mundo La voz de Bogata La voz de Vigo
 Radio El Trebol, Zaruma Radio Nutibara, Medellin Radio Castellon
 Radiodifusora de Cotopaxi La voz de la Patria Radio Popular de Astorga
 Radio Atahualpa, Quito La voz del Llano Radio Balbao

SPEAKING OF JAMMERS!

Most important occupation in Cuba these days? Evidently it's jamming anti-Castro broadcasts! Most SWL's, by this time, know about the strong jammer on 6000kc which has been jamming Radio Americas, said to be located on Swan Island several miles off the coast of Honduras. This station has been airing anti-Castro propaganda for the past four or five years, and for last 2 years or so, Cuba has been desperately trying to "block" it. (and has been about 90% effective in doing so!) At times though, Radio Americas gets around it by moving a kc or so lower, sometimes as much as 5kc higher. But that is just one case of Cuban jamming tactics.

Radio New York Worldwide-WRUL has also had a Latin American program, on 6015 at 2200-0430, that seemed to dissatisfy Castro; so they jam that too, though not as powerfully as the older on 6000. Too, VOA (Bethany, Ohio) 6190 has a Latin American program around 2300-0500 that is jammed.

Recently there was inaugurated a counter attack on Cuban propaganda by starting a network of radio stations in Colombia, Venezuela, Nicaragua and Guatemala with TGWB on 6180 being the key station. This can be (or was) heard at least 2-3 times a week either at 0400-0500 or 0500-0600. At sign off, TGWB gives the names of the stations on the full network, or rather did until recently when all at once a new powerful jammer showed up. Lately Radio NYWW-WRUL added a second xmsn to its Latin American service, on 6155; so far it has not been met by Cuban QRM.

There are times when the jammer-boys and their monkey biz fall asleep and leave the jammer on, wasting power...even as much as 45 minutes after the "victim" station has signed off. But then isn't that typical of of Castro ilk? ...San Rowell

"WHY RNYW*QSL's"

The QSL card has been a top prize for the SWL since the earliest days of DXing. Many stations put special emphasis on the design, color, and paper quality of the card. But what does the card really mean?

Unfortunately, in this politically divided world, a QSL card can be more than just a verification of reception. It also serves some countries as an extended arm of propaganda already cluttering the airwaves. But for most stations the QSL is a way of saying "thank you" to the listener who takes time to write down the details of the quality of reception in his area. Reception reports are important to the station to know if its signal is reaching the desired area; if more than the principal signal is received in a given target area; or if no signal is heard regularly.

RNYW-WRUL is most interested in receiving...and QSLing...reports in its principal target areas: Western Europe, Africa and Latin America. Although it does QSL correct reports from all listeners, tape reports from listeners in the U.S. and often returned without being played. The reason for this is that the U.S. listener is not within the RNYW legal broadcast area. So no matter how fine a signal is received, the engineers cannot handle stateside taped reports. On the other hand, tapes from overseas are very desired by and valuable for engineering use as well as a demonstration for advertiser. (*WRUL) ...DXWW

BROADCASTS IN ENGLISH DE SWEDEN

February in Sweden is the big month for winter sports; Skiing, skating, ice hockey, bandy (similar to hockey except a ball is used instead of a puck) and for the less athletic minded person, sitting at home watching sports on TV. During February there are the annual school holidays when many families take a winter vacation together. This means that for several weeks it is often difficult to find company executives at their desks, and the business world is thrown into slow gear. February too is also fine for those liking indoor sports; For this is "Masquerade Month" and costume balls are very popular among the party set. So between outdoors and indoors, Radio Sweden should be having some lively programs in February. And it is hoped listeners will have more opportunity to tune in now that an extra morning transmission has started. This will be omnidirectional at 1100 on 6065. ...Radio Sweden Bulletin

Soon!

.... "NASA SWBC TARGET"

Soon!



NEWS

TIPS

SKEDS

GERMANY. Deutsche Welle "Voice of Germany" has a new prog (began Jan.2) called "News Bean" (made up of news flashes de all parts of Germany). It is broadcast in English Monday to Fridays 1045-1055 on 9605 //6075. Also at 2210-2240 to N.A. on 6145 anncd //9605 and 9735. (Balbi)

CANARY ISLANDS. RNE (ID) Radio Atlantico Sta. Cruz, Tenerife, s/on 11800 0000. Hrd till 0100 most days. (Balbi)

ECUADOR. Info direct from Clayton Howard/HOJB sez SW xntr of 30kw to be increased to 50kw soon. New power plant will service these as well as a new 50kw MW xntr (sked to be ready early Feb.) on 700kc. (Balbi)

POLAND. "This is the Polish National Radio"(ID) on 9675 hrd w/Eng nx 0730 and 0830.Hrd irregularly here WCNA. (Balbi)

NETH. ANTILLES. TWR, Bonaire suffered a burned out transformer during Dec. testing and since it takes weeks to repair, only one xntr (50kw) can operate. (DWDXB/Balbi) (This is probably why Bonaire has been off/on various freqs of late. Most likely they are using the one xntr, trying to hit freqs former/new previoulsy covered by two xntrs. So many different freqs have been reported that to list all would only tned to confuse the DXers who sent reports here. For this reason I exclude them this month. Ed.)

ANGOLA. Luanda, IDing as "The Voice of Portugal" has been hrd here on new 9555 with Portuguese until 1730 when it has Eng commentaries to 1755 s/off. (Sparks)

CZECHOSLOVAKIA. Radio Prague English sked to N.A.: 0100-0155, 0330-0425, frequencies are 5930, 7115, 7345, 9795, 11990. (Stober)

SOUTH KOREA. VOFK has English 1530-1600 on 11925. This is the S.E. Asia Service.(Stober)

ALBANIA. Radio Tirana being hrd irregularly on 7088, 2200-2330 in languages(?) but is QRM'd by cw most of the time. (Rowell)

ANGOLA. Radio Diamang now being hrd well on 11685 at 1800-1930. (Rowell) WCNA!

NORTH KOREA. Radio Pyongyang now on 9742 has Eng 0300-0400. (Rowell)

NEW ZEALAND. Radio New Zealand now IDing as "This is New Zealand calling"...then gives call letters and freqs. (Rowell)

PHILIPPINES. New facility of the VOA is being built in the northern Philippines under the name "Project Bamboo". It will consist of ten 250kw xntrs providing greater coverage via SW to the Chinese mainland, Asian*USSR, South and Southeast Asia. (VOAPS)

SYRIA. Shortwave sked of Radio Damascus: French and English 0500-0730 on 7390, 1600-1900 on 15165. Hebrew, German and Yugoslavian 1400-1500 on 9555. Turkish 1500-1600 on 7390. Arabic, Spanish, Portuguese 2330-0200 on 11915, 15190 and 17865. Arabic 0400-2300 on 6165, 0400-0730 and 1000-1400 on 17865, 1900-2130 and 2200-2300 on 9555, and 0500-1000, 1400-2200 on 7145. (SCDXers)

SAUDI ARABIA. Inaddition to test xnsns seems to have begun regular programming on 11855. Has been hrd, in Europe, w/Arabic progng until s/off at 2130. (SCDXers)

CANARY ISLANDS. Radio Nacional being heard on 9640 again instead of 9660. On the air 1400-1600. (SCDXers)

ICELAND. Reykjavik broadcasts Sundays 1230-1400 and 2100-2130 on 11780. Weekdays at 1930-2100 on 9630 or 9640. Has also been hrd 0030 on 11805 w/tests. (SCDXers)

ISRAEL. Kol Zion has another new outlet on 9728 // 9009/9620. English 2015-2045.

JAPAN. Radio Japan sent special commemoration cards and 1965 calendars to some 4000 listeners for their reports on the recnt Tokyo Olympics. (NHK Bulletin)

UNITED STATES. The VOA has adopted a new version of its call sign music "Columbia the Gem of the Ocean". It is now a lighter/faster tempo believed to be used by all VOA overseas stations. (ACRC)

IRAN. Radio Teheran being heard on varying frequencies. Now hrd on 7115. Also, in the 25MB now 11715 from 11700 and old 11730. (SCDXers)

SWITZERLAND. United Nations programs from Geneva now on Mondays/Fridays 1830-1840 on 1537, 7443. (SCDXers)

BURUNDI. Radio Burundi sked: 0400-0545, 1000-1145 and 1500-2015 weekdays including Sat. and 0400-1200, 1430-2015 Sundays. All on 6195. Plans to have new xntr, 25kw soon. (WRB)

SWEDEN. Radio Sweden now has new English xnsn; 1100-1130 daily, on 6065. (R. Sweden Bul.)

NEW ZEALAND. Monthly DX program, Arthur Cushens "DX World" is aired on the first Wed. of the month 0640-and 1030 on 9540//11780.Repeated Sats. 2350 on 15110//15280. (SCDXers)

.....utilities UTILITIES utilities.....

MARINE

- 0600 Little John calling WLO 2572
- 0602 Baby Ann calling WLO 2572
- 0820 Tanker Kentrader calling WOX 2198
- 0930 SS PortaPlata calling WOX 2198
- 0932 SS Ferina calling WOX 2198
- 0933 J. MonSon calling WLC 2182
- 1410 Cape May CG calling Hattenas 2760
- 1400 Little Lulu calling WAK 2482
- 1500 USS United States calling WOO 4087
- 1910 SS NiagaraMowhawk calling WBL 2182
- 1932 BlueTrader calling WJG 2782
- 1934 BlueTrader w/radio chk 2782
- 2010 USS Chuchawane calling WGD 2142
- 2015 M/V Pacific calling WGD 2142

AERADIO

- 0650 KMA7 San Francisco w/wx 3604
- 0750 XACF Mexico wrkg KIL8 Miami 5619
- 0930 VEN Montreal wrkg GooseBay, Lab. 5626
- 1340 San Juan, P.R. wrkg Miami 5581
- 1345 Miami wrkg Flight-734 5566
- 1520 KEA5 N.Y. wrkg PAA-296 5566
- 1530 Miami wrkg Kingston, Jamaica 6567

 * All Marine and Aeradio reports *
 * credited to *
 * Joe Mauriello, N.J. *

MISC.

- 0330 NAU3, USN, Fort Allen, P.R. with test tape on 4550A. (Payne)
 - 0420 AEO, USArmy, France with test tape on 5725A. (Parsons)
 - 0425 ZUD, International telephone station testing on SSB, requesting reports from other stations monitoring on 9425A. (Parsons)
 - 2215 SW Company International, Buenos Aires w/xmsn for rx adjustment on 15040. (Parsons)
 - 2042 PTT Israel testing for rx adjustment, asking other stations to give their ID's in condition "B". On 10430. (Bisphan)
 - 1645 Kimbal es Ryals Ltd., Bermuda testing for freq adjustment. On 11500. (Bisphan)
 - 1600 RCA Communications, Manila w/test tape (SSB) on 5015A. (Stober)
 - 0515 ACA Canal Zone on 5230A w/test tape (SSB). QSL was rcvd, letter form, from Capt. J. T. Barber, Det.1, USArmy Signal Service, Commo. Div., Corozal, Canal Zone. (Sparks)
- Does anyone have any QSL info on RCA Commo in Hawaii? Also QTH of Belgium P&T? Please drop a card to WPE9GCZ, R.R.2, Box 104, Stanley, Wisc. Tnx! (Jenneman)

THE INTERNATIONAL FREQUENCIES REGISTERED, NOT CONTROLLED

While radio frequencies in the USA are assigned and controlled by the FCC, on the international scene coordination is in the hand of the International Frequency Registration Board. The IFRB, with offices in Geneva, is not at all like the American FCC. IFRB registers but does not control. It has no legislative authority. It simply advises and sometimes serves as an intermediary.

The result is that many station engineers get grey hair and have nightmares trying to untangle the complexities of finding a clear spot on a band. Right now, for example, on the 49mb, which is becoming most vital in Europe, there are 500 operating frequencies registered by IFRB, 120 of these are stations with power of 100kw or more.

Imagine the confusion in a situation where broadcast beams are crossing and recrossing each other in a crazy pattern of chaotic conflict.

What can be done under such circumstances? Crudley, a station must do the same as you would if you wanted to be heard in a crowd where everybody was shouting for attention.

To be heard, you must try to outshout the others.

The problem of finding and keeping clear frequencies is worsening as the number of international broadcasters increase. Today all of them are utilizing approximately 14,000 transmitter hours per day, with an average 500 frequencies being used at the same time/simultaneously. Interference grows as hours of broadcasting increase. Each of the large broadcasters is increasing both power and broadcasting hours. Five times as many broadcasters are on the air today as in 1942.

TWRB/Lou Stober

Items/reports from the pages of NASA Shortwave Center are now being published/quoted in bulletins of some of the DX worlds most reknown/respected clubs, both stateside and abroad. This is tribute and recognition to/of NASA SWECers and the club itself. B.E.

LOGGINGS

REPORTS



ALL GMT

- * * * * *
- 0000 4790 Radio Primero de Mayo, Honduras w/pop mx, ID's, ads in Sp. (Parsons)
- 7110 Radio Malaysia, Kuala Lumpur w/Eng mx. (Balbi)
- 5095 HJGE, Colombia w/LA programming. Mx and anmts. (Rudolph)
- 4965 Radio Sante Fe in Spanish w/LA mx. (Rudolph)
- 4970 Radio Rhanbus w/Spanish anmts. (Rudolph)
- 4990 Radio Barquisimeto. LA guitar mx/singing. (Rudolph)
- 4945 SABC, South Africa in Eng w/mx de "Around the world in 80 days". (Rudolph)
- 9780 Radio Cairo "Nassar Broadcasting System" in Spanish. S/on 0045. (Wilt)
- 11770 VOA to LA w/"Religion today". //15400/9570/9640/9650/6030. 0045. (Bisphan)
- 11780 Radio Japan 0035-0050 hrd w/NA mx //15135. (Rowell)
- 6075 Deutsche Welle 0000-0300 w/German to ECNA. (Rowell)
- 0100 9575 RAI, Italy w/IS and s/on in Italian at 0117. (Stober)
- 3280 Windward Islands, WIBS w/ID, time check, mx. (Weaver)(Stober)
- 3300 Radio Belize, Br.Honduras w/Eng anmts, mx. (Stober)
- 4865 Radio Clube Para, Brazil w/Port. type entertainment prog (Rudolph)
- 4800 La Voz de Volka w/prog of guitar mx. (Rudolph)
- 4810 Radio Popular-YVMG w/Sp songs/anmts. (Rudolph)(Payne)
- 9667 Radio Ceylon w/Eng commercial service hrd 0150. (Rowell)
- 5970 Voice of West, Portugal w/Eng mx. (Weaver)
- 17840 Radio Australia w/NA service sign on. (Luyster)
- 0200 3385 Radio Hit Musical, HIDA w/LA mx. S/off at 0300. (Sparks)
- 3300 Radio Belize hrd 0230-0330 w/mx, anmts, local mx. S/off 0330.(Hartman)
- 9598 Radio Presidente Balmaceda, Chile w/usual mx, anmts in Sp. 0200-0300. Hrd almost nightly. ID most times is "Radio Balmaceda". (Luyster)
- 5970 Radio Horizonte, Colombia hrd 0200-0315 w/popular Sp. progms. (Wilt)
- 0300 4980 YVOC, Ecos del Torbes, Venezuela. In Sp. w/mx, talk and commercials, It s/off at 0330. (Stober)(Parsons)
- 4990 Radio Barquisimeto, YVMQ, Venezuela w/mx, ID's. S/off at 0330. (Stober)
- 4770 HCMX4, Radio Cenit, Ecuador w/commentary in Sp. (Rudolph)
- 3305 La Voz de Patria, Venezuela s/off w/anthen. (Rudolph)
- 4985 Radio A Voz do Oeste, ZYZ5, Brazil w/numerous ads in Port. (Rudolph)
- 4870 Radio Tropical, Venezuela w/Sp. ID's and anmts. (Parsons)
- 4880 Radio Comerciales, Dom.Rep. w/Sp. ID, anmts, mx. S/off 0355. (Parsons)
- 9505 Radio Santo Domingo TV, 0330 IDing in Sp., Eng. and Fr. (Luyster)
- 9690 RAE. Argentina w/International Service in English. (Wilt)(Zecchini)(Payne)
- 9742* Radio Pyongyang, No.Korea w/Eng 0300-0400. (Rowell)
- 11925 Seoul, So.Korea in Sp/Eng to So.Amer. 0300-0400. (Rowell)
- 9745 HCJB, Quito w/Religious prog. (Bisphan)
- 9615 VOA 0330 w/narration in Eng. (Bisphan)
- 5965 Radio Sporte, YNWW, Nicauraga 0315 with baseball game, ads in Sp.(Sparks)
- 3365 YVPM, Radio Tovar, Venezuela w/dance mx. (Sparks)
- 0400 6017 Radio Caraibes, Haiti w/mx and Fr. ID. (Peters)
- 6145 HJED, La Voz de Cauca, Colombia in Sp. (Peters)
- 7115* Radio Prague in Eng w/mx. //7345. (Sparks)
- 9700 CE970, La Voz de Chile w/dance mx. (Sparks)
- 6085 Radio Nederland 0400-0450 w.Eng to NA. (Rowell)
- 6234 Radio Budapest at 0445 w/Eng and request mx. (Rowell)
- 4985 La Cruz del Sur, La Paz, Bolivia w/book review in Eng. (Payne)
- 6010 YSS, El Salvador. QRM'd by VOA. (Payne)
- 15175 Radio Norway in Eng. "Winter in Norway" at 0430. (Zecchini)
- 11835 Radio Laurence Marques, Mozambique 0405-0500 w/Eng commercial progms. Pop mx, ads, occasional anmt in Afrikaans. (Luyster)

contd...

- 0400 5035 Radio Continente, Venezuela w/sign off, ID/anthem. (Parsons)
- 9700 Radio Cooperativa, Santiago, Chile w/Sp nx. S/off 0425. (Parsons)
- 9645 TIFC, San Jose, Costa Rica s/off in Eng w/anthem. (Parsons)
- 5040 Radio El Sol, Cali, Colombia w/Sp. mx/songs/ID. (Stober)
- 0500 11825 Radio Tahiti w/Fr and native ID. (Luyster)
- 4904A Fort Lany, Tchad w/sign on. Much QRM. (Peters)
- 7307 Radio Libertad w/ID in Eng and Sp, then prog of LA mx. (Peters)
- 4939 Radio Difusora Nacional, Peru w/sign off after pop mx/tunes. (Peters)
- 4777 Libreville, Gabon in Fr. w/pop mx. Usually QRM'd. (Peters)
- 5040 Radio El Sol w/Sp nx at 0530. Strong. (Parsons)
- 4980 YVOC, Ecos del Torbes w/dance mx. (Sparks)
- 5090 HIBB, La Voz de Popagayo w/LA mx. (Sparks)
- 7155 Amman, Jordan w/Arabic prog. (Rowell)
- 7285 Radio Ankara at 0545 in Turkish. (Rowell)
- 7245 Austrian Radio at 0550 in German. (Rowell)
- 5047 Radio Lone behind QRM at 0505. (Payne)
- 0600 5095 Radio Sutetenza, Colombia w/Sp choral mx. (Payne)
- 9690 Radio Nacional Argentina(LRA32) "Overseas Service of Argentine Radio" in English. (Payne)(Eddings)
- 6155 Austrian Radio w/ID in Eng-German-Fr, then light classical mx. (Rowell)
- 7280 Deutsche Welle 0608-0640 in Trukish. (Rowell)
- 6080 CFKX at 0645 w/"Radio NewsReel". (Sparks)
- 6160 CBUX at 0655 w/play(?) (Sparks)
- 3385 Conakry, Guinea Republic w/Eng language lesson 0615. (Stober)(Eddings)
- 3366 Radio Ghana w/local nx in Eng. QRM. (Stober)
- 3220 Mauritius w/native mx at 0645. (Balbi)
- 6020 Ukraine Radio Kiev at 0605 w/commentary in language. (Eddings)
- 0700 9715 Radio Nederland w/nx and nx at 0730. (Payne)
- 3230 Radio Fiji w/Eng. Much QRM. (Payne)
- 6160 Radio Algiers w/Arabic mx/nx. (Parsons) French? nx at 0730. (Payne)
- 6135 Radio Tahiti w/Fr drama and nx. S/off at 0730 w/Fr national anthem.(Parsons)
- 6165 ZYR58, Radio Cultura, Brazil w/pop mx at 0705. (Sparks)
- 3316 Sierra Leone at 0730 w/Afrikan mx, Eng commercials. (Sparks)
- 3995 VQ03, Solomon Islands w/mx-singing. QRM. (Stober)
- 3945 JOZ4/5, Tokyo w/U.S. pop tunes. (Stober)
- 4890 VLT4, Port Moresby, New Guinea sign on. (Stober)(Eddings)
- 3225 ELWA, Monrovia, Liberia in language, Eng ID at 0748. (Balbi)
- 9505 Radio Prague s/on at 0730 in language. (Balbi)
- 9675 Polish Radio, Warsaw s/on 0730 w/Eng nx. (Balbi)
- 0800 9610 Radio Norway in language. (Balbi)
- 9505 Radio Prague in English at 0830. (Balbi)
- 3355 Radio Noumea, N.Caledonia w/Fr nx. Seems not on 7170 anymore. (Balbi)
- 9623 VTVN, So.Vietnam s/on in native. (Balbi)
- 6155 Conakry, Radiodiffusion de Guinea, La Voix de la Revolution s/on Fr.(Parsons)
- 9620 Kol Zion, Israel in Eng. //9010. (Payne)
- 6015 VOFK So.Korea s/on in native. (Sparks)
- 11780 Radio New Zealand //9540 w/nx. (Rowell)
- 4920 VLM4, Australia 0820 w/commentary in Eng. (Rowell)
- 9715 FEBC, Manila //11850 at 0840 w/religious prog in Eng. (Rowell)
- 0900 9420 VUNC, So.Korea in language. Eng ID. (Balbi)
- 3335 Radio Wewak in Eng w/country-western mx/songs. Are they 10kw now?(Stober)
- 7300 Kuala Lumpur w/nx in native language. (Payne)
- 7105 Radio Nepal at 0950 w/woman anncr in Eng and prog of country-western mx. Not hrd daily! (Rowell)
- 1000 9605 Voice of Germany, DW w/NewsBeam. s/on 1045. (Balbi)(Wilt)
- 7120 YDU6, Denpasar, Indonesia at 1005 in native. (Rowell)
- 1100 9705 ZY224, Radio Maua, Brazil at 1145 w/Port. ads-amts-ID,jazz mx.(Eddings)
- 3335 Radio Wewak, New Guinea w/Pidjin Eng nx. S/off at 1230. (Peters)
- 7220 Radio Australia w/Eng progng. ARO QRM. (Wilt)
- 9570 Radio Australia to Japan and S.E.Asia. Hrd w/nx. (Hartman)

contd...

- 1100 3300 Radio Belitz at 1110 w/Eng religious prog. (Rudolph)
 4880 Port Moresby, New Guinea w/prog of concert mx. (Rudolph)
 6135 Warsaw, Poland with prog in German. 1130. (Eddings)
 9620 Radio Sweden w/prog in Eng. (Wilt)
- 200 9770 4VEH, Haiti IS/ID, "Back to Bible" prog in Eng. (Eddings) 1230.
 5940 Voice of Cambodia, Phom Phen s/on ID. Fr nx 1235, Eng nx 1255. (Balbi)
 7035 Radio Peking w/Eng nx. (Balbi)
 7220 Radio Bangui, Central African Rep. sign off 1230. (Lonn)
 3925 NSB, Tokyo in Japanese. Hrd. 1245. This station still active despite contrary reports. (ACRC)
- 1300 21495 Radio Lisbon in English. Hrd 1330. One of few stations still using 11mb frequency. Remember when this band was "loaded"? (Wilt)
- 1400 15255 Voice of Nigeria in English 1400-1500. (Wilt)
 4795 XZK2, Rangoon, Burma w/native mx. Hrd 1420. (Newhart)
 15190 Radio Ghana in English. Hrd 1400-1445. (Zecchini)
 9545 Radio Ghana w/French to West Africa. Hrd 1445-1530. (Zecchini)
 11800 Radio Ceylon at 1430 w/language, ads in English. (Stevens)
 15445 Radio Sweden to Far East. Was hrd better here when on 15240. (Stevens)
 9660 Radio Las Palmas, Canary Islands sked 1400-1600. (Lonn)
- 1500 15255 Radio "Voice of Nigeria" in English s/off. (Weaver)
 9765 Radio Sweden s/off from Eng at 1515 w/Swedish Rhapsody. (Zecchini)
 15185 Radio Finland in Eng to NA at 1530 on Fridays. (Zecchini)
- 1600 15220 Radio South Africa w/Eng nx at 1630. (Lonn)
 4785 Radio Tanganyika, Tanzania 1630-1730. (Lonn)
 15155 DW, Germany w/Eng to Africa. (Stevens) 1630.
 9840 Radio Azerbaijan at 1630 in Arabic. (Peters)
 4945 Radio South Africa w/commercial service in Eng. (Stober)
 9009 Koi Zion in language at 1630. (Balbi)
 9670* Saudi Arabia hrd in Arabic at 1630. //11855. (Balbi)
 6150 Radio South Africa in Eng at 1645. Also on 6095, but not //. (Balbi)
 11740 Vatican Radio in Arabic at 1650. (Balbi)
 7175 VOA, Poro, Philippines w/"Breakfast Show" (Payne)
 7295 ETLF, Ethiopia w/English. (Payne)
- 1700 6075 Radio Ceylon w/native language prog. (Sparks)
 11710 Brazzaville, Congo w/Eng nx and Eng-Fr lesson at 1710. (Balbi)
 11900 Voice of Nigeria w/Eng nx. //15255. (Balbi) Eng 1700-1900. (Wilt)
 9915 BBC w/ID and then into prog for Somaliland in language. (Weaver)
 15750 Radio Japan w/native mx and nx. (Hart)
- 1800 11820 Radio Abidjan w/Eng nx, sports, mx. 1830-1850. (Hartman)(Stevens)
 11800 Radio Ghana w/English 1830-1915. (Zecchini)
 9600 Radio Australia s/on w/Eng nx. //11840. (Balbi)
 15275* CR7BG, Mozambique w/Portuguese. Move from old 15290. (Balbi)
 9667 Radio Ceylon at 1802 with Eng prog. (Rowell)
 9530 RBI, Germany at 1825 with German prog. (Rowell)
 9720 Senegal w/commentary in Eng. (Sparks)
 9745 Mali w/ African mx. (Sparks)
 15255 Voice of Nigeria with special Eng prog. (Sparks)
- 1900 11710 AFRTS w/ID and nx/commentary. //15360. (Bispham)
 9575 RAI, Italy s/on 1905 in native language. (Balbi)
 4990 Lagos, Nigeria w/request program. Hrd 1942. (Newhart)
 11685 Radio Diamang, Angola in Portuguese at 1930. (Rowell)
 11832 Leopoldville, Congo in French 1935-2100. (Rowell)
 11835 Radio Algiers with French /nx. 1945. (Rowell)
 9702 Radio Sofia, Bulgaria at 1930 in French. (Peters)
 5050 Radio Tanganyika, Tanzania w/Eng nx at 1905. (Lonn)
 11755* HCJB w/"Quite Calling". (Hartman)
- 2000 11800 Radio Ghana to Europe and U.K. Hrd 2050. (Hartman)
 4926 Radio Ecuatorial, Sp. Guinea at 2045 w/concert mx. (Peters)
 11895 WIES, Windward Islands w/Eng 2000-2100. (Rowell)
 11730 Radio Iran in Eng 2000-2030 then into Persian (Rowell)

Contd...

- 2000 11735 Radio Morocco w/Eng nx 2030. French 2130. Seldom hrd. (Balbi)(Pirnat)
- 15360 AFRS at 2040 w/excerpts de "Tonight Show". (Bispham)
- 6195 Radio Baghdad, Iraq w/Eng sign off at 2020. (Pirnat)
- 9360A Radio Nacional de Espana w/native prog. (Payne)
- 2100 4870 Radio Dahomey in French. Good here. (Pirnat) 2140.
- 5047 Radio Lome w/Eng nx. Strongest and most consistant sig de Africa.(Parsons)
- 4972 Yaounde, Cameroon often hrd here around this time, often past 2215 with African mx; drama's and commentaries in French. (Parsons)
- 4544 Alma Ata at 2115 in Russian. (Newhart)
- 11820 Radio Abidjan until 0000, all in French. (Rowell)
- 9590 Radio Nederland to NA. (Hartman)
- 9625 CBC with Northern Service. (Hartman)
- 9475 Radio Cairo in Eng. Nx at 2145. (Hartman)
- 2200 3930 Radio Barlavento with Port, nx 2232-2245. (Lonn)
- 3222 Radio Mauritania hrd at s/off after chants and Arabic nx 2230.(Lonn)
- 7050 Radio Cairo in Arabic 2230-2330. (Rowell)
- 9735 DW, Germany with "NewsBean" in Eng to NA. 2210-2220. (Balbi)
- 9605 Radio Japan sign on in Eng w/nx. (Pirnat)
- 2300 11880 Radio Splendid-LRS, Argentina w/nx commentary in Eng., program of classical mx. (Luyster)
- 9600 Radio Balmaceda-CE960, Chile. Hrd 2345 w/Sp nx, LA mx. (Fleury)
- 7160 Radio Nederland w/Eng nx at 2345. (Balbi)
- 15280 ZL4, New Zealand in Eng. 2315. (Balbi)
- 2418A WIBS, Windward Islands w/Eng nx at 2345. Either a harmonic or testing on new frq? (Lonn) (The freq is 2420*Bob. Is not harmonic nor test; Is move from former 2430 and is //3280 which is hrd almost regularly. The 2420 reception is rather sporadic and is a rare catch. Ed.)

LAST MINUTE LOGGINGS/REPORTS-LAST MINUTE LOGGINGS/REPORTS-LAST MINUTE LOGGINGS/REPORTS

- 0C55 15985 Vatican Radio w/Eng. //7250/9640. (Lonn)
- 0900 7105 Radio Nepal has Eng nx. (Lonn)
- 1500 4880 AIR Lucknow w/Radio NewsReel at 1508. //3365. (Newhart)
- 4775 Kabul, Afghanistan w/nx in Pushto 1530. (Newhart)
- 3365 AIR Delhi w/Eng nx. //4880. (Newhart)
- 1800 9715 Saudi Arabia, Jeddah in Arabic 1830. (Balbi)

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Abbreviations used in this section: Eng-English, Fr-French, Sp-Spanish, nx-news, mx-music, LA-LatinAmerica, NA-NorthAmerica, SA-SouthAmerica, WCNA-West Coast NA, ECNA-East Coast NA, ID-Identification, IS-Interval signal, w/-With, //-In paralell with, QRM-Interference, *-New Frequency, A-approximate frequency, freq-frequency, hrd-heard.

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...THIS MONTHS SHORTWAVE CENTER REPORTERS...

August Balbi, California	Lou Hart Jr., Ohio	Ernie Zecchini, Mass.
Bill Sparks, California	Ron Luyster, Ohio	Robert Lonn, New York
Gary Payne, California	Dan Wilt, Ohio	Lee Fleury, New York
Sam Rowell, Washington	John Pirnat, Ohio	Bob Newhart, Sweden
Lou Stober, Oregon	Tim Hartman, Missouri	William Stevens, Penna.
Frank Peters, Illinois	Fred Parsons, Ontario	Tom Bispham, Penna.
Joe Mauriello, New Jersey	Joe Rudolph, New Jersey	Jonathan Gentry, England
Ron Weaver, Pennsylvania	Don Jensen, Wisconsin	Gerry Dexter, Wisconsin
SCDXers, BDXC,	VOA-Bulletin,	Radio Sweden Bulletin,
		DW Bulletin

It is gratifying to see the "regulars" reporting per usual; Too, many of the oldtimers who are members of other clubs as well as NASA. And it is most pleasing to see more reports coming from newer members/SWBCers. Cooperation and support from the combined makes for a good section and heads it to the road of worthiness. My thanks to you all and might I say I mind not the work involved so long as I have proof there are those of you beleiving with me in "Unity and Friendship". 73 and happy DXing! *Bill E.*