



NORTH AMERICAN SHORTWAVE ASSOCIATION

HEADQUARTERS: 264 Stilwell Road Hamburg, New York

VOL. 2

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NO. 2

NOVEMBER

New members- We are happy to announce that NASA is now beginning to reach other parts of the world. Proof of this is the fact we now have our first overseas member in the person of Detlef Schuler, GDR/Germany. This OM is a serious swl and he is a 100% cardswapper. More important, he is a believer in promoting a better and more friendly relationship between swls of the world. If for no other reason then, this would suffice to voice our pleasure in having him with us in NASA. In months to come, I am sure you will see reports from this new member and no doubt the example he sets will prove that no matter where in this world you might live, all it takes to better our hobby, is friendship and support of your club. Welcome then Detlef and may your stay with us be long and worthy. We are pleased to have you with us! # 75

Bill Zielinski- 10 Maple Ave., Lancaster, New York. NASA's new technical editor!! Bill has been active in ham and swl radio since November of 1961. Recently he attended Camp Albert Butler, and while there he studied radio-electronics theory, code, FCC rules and regulations, ect. He also holds the WPE call of WPE2GRD. Bill invites all NASA'ers to write him concerning technical problems as per their equipment! We are glad to have you with us Bill, --only hope we can measure up to your standards! # 76

Neal D. Bates- WPE8EPN, who presides at 74 Hartshorn Dr., in Painesville, Ohio, is mainly a SWBC man. Neal does his listening with a Hallicrafter S-120, and a S-94, all hitched up to a SWL-7 and long wire. His other interests are cardswapping (100% swapper), model building (what kind of models Neal?? Hi Hi), CB radio, and the theater. Neal is employed as a newspaper pressman. # 77

Thomas P. Bispham- WPE3CL/K3PWL, 3 Drecott Lane, Haverford, Penna. Tom here, is one of the most serious swls we have ever seen, which any one letter from him would show. Tom is prepared to help any prospective swl or ham, so bear this in mind if you have such plans! Welcome to the club Tom, we hope to be hearing from you and all the new members through the bulletin! # 78

Happy days are here again!! We all know the old saying, about taking the bitter with the sweet. Such is the case this month, as you all know, we have lost Gary Rolinson, our former ham-section editor, so then is the bitter. --Now for the sweet, after much trial and tribulation we have made arrangements for all NASA members to purchase personalized rubber stamps!! There will be an order sheet for the stamp enclosed with each bulletin this month, on it will be stamped a impression made from the stamp I ordered. List your call letters on the order blank in the space

for alternate third line, that being your call letters. You fellows with WPE calls are going to be disappointed, as the company that is making these stamps has no ϕ , we'll have to be happy with the usual zero, and put the hash mark through it by hand. One last note, we suggest you use red ink with your stamp, as it matches the club-writing paper very nicely! What's that? You say, what writing paper? Why the writing paper that is now available from headquarters at \$1.00 for a pad of 100 sheets, postpaid!! It is two-color, and very handsome indeed! Oh yes, the imprint of your stamp will fit very nicely just a bit left of the North America Outline.

Here is a summary of all the supplies/data available from headquarters.

Club writing paper----- \$1.00/100 sheets postpaid
Members QSL cards----- Blank type, \$0.50/50 cards postpaid
Copy of awards program---- no charge.
Club rubber stamps----- (available only from Gibson Co., 70 Oak St., Buffalo 5, N.Y.) \$1.61 postpaid. Use only order blank available from headquarters.
 Note: This is a personalized stamp, Contains your call letters thereon!
Members stenciling service-Any NASA member may obtain a mimeograph stencil from headquarters, type it with anything he wishes, and return it to headquarters to be printed. 100 copies/\$.50, 200/\$1.00. (You may wish to have your own station report forms, specially designed log, ect.)

There are several good publications available from the Government Printing Office this month, among them are: (Write- G.P.O., Wash. 25, D.C.)

17JJ \$.50 The Communications Act of 1934. CC 1.5:C73/960
 18JJ \$.25 Amendments to the Communications Act of 1934. CC1.5:C73/960/amdt.
 63JJ \$1.25 Soviet Space Programs. Y. Ae8:So8
 17W \$.75 Pilots Radio Handbook. FAA1.8:R11/3
 49W \$6.75 (Cloth) Merchant Vessels of the U.S., 1962. T17.11/2:962 (Note: This book is a must if you do any listening on the maritime bands)
 30W \$9.25 Television Channel Allocations and Education. FS5.234:34017
 42W \$.65 Results of Second US Manned Orbital Space Flight. NAS1.21:6

So ends this section, and so begins another month, we hope in this new month, we will be hearing from you! Don't be afraid, we don't bite!!!

Lastly, I would like to thank Mr. Paul Koessler of the Kenmore Color-Plate Corp., and Mr. Richard S. Roll of the Frontier Bindery, both in Buffalo, New York, for their cooperation in getting out the NASA bulletin this month!!!!

Richard D. Roll
 President-NASA
 WPE2ALE

MEMBER
NASA
WPE2ALE

MEMBER
NASA
WPE2ALE

NASA RUBBER STAMP ORDER

A. C. GIBSON CO. 7c OAK STREET BUFFALO 5, N.Y.

Dear Mr. Ryan,

Please send me _____ NASA rubber stamp/s. Please use the
alternate-third line of _____. I have en-
closed \$1.61 to cover the cost of the stamp and postage.

My address, _____

_____.

Thank you,

Member, NASA

SHORT WAVE SECTION

NORTH AMERICAN SHORTWAVE ASSOCIATION

Richard Orcutt 2807 SW 15 Ave FT. Lauderdale, Fla
NASA PAGE 1 NOV., 1962

I guess I'll have to build a fire under some of your guys to make you report to the section. Most DXers join a club that has a good SWBC section, and if you present members don't help out, we're not going to get any new members. Let's have reports from about 15 reporters for the next issue, Huh? If I have to write to each of you personally, I will. This is YOUR section, and without your help, it won't survive.

Thanks to Ron Luyster of Flushing, Ohio, who is this month's only reporter. To augment the section a little bit, I've taken some worthwhile tips from the Sweden Calling DXers bulletin. All times are GMT.

ANGOLA- Radio Clube de Moçamedes, CR6RM, heard at 0600 s/on on 9515 kcs in Pt. (SCDX) Radio Ecclesia, Luanda, has moved from 11745 to 11758 kcs. Noted in Pt 1930-2100 s/off. Power output increased to 10 KWS. (SCDX)

BRAZIL- Radio Universitario de Santos Dumont, São Paulo, on 11725 kcs heard at 2340-0000 w/mx and Pt ID. Sigs were fair but much rapid QSB. (LUYSTER)

ETHIOPIA- Radio Addis Ababa, Box 1364, Addis Ababa, has been heard on 11955 kcs xmtg to W. Africa in Eng at 2010-2030 and in French at 2030-2050. Uses 15295 kcs for the M.E. in Eng and Fr 1810-1850. However, this xmsn has also been heard on a new fq of approx 15500 kcs, although the ann gave 15300 kcs. (SCDX)

IRAQ- Radio Baghdad heard on 9635 kcs at 2145-2156A s/off in English with political commertary and closing announcement. Sigs were strong and pretty much in the clear. (LUYSTER)

ISRAEL- KOL ZION, Jerusalem can often be heard with a program in Yiddish at 0415-0430 on 9009 kcs. Most of the time the xmsn is jammed, but some nights they are clear of this. (LUYSTER)

liberia- ELWA was heard on 15155 kcs at 2100 and after with English programming. Good sigs. (LUYSER)

NEW CALEDONIA- Radio Noumea, B.P. 327, Noumea, broadcasts on 1400, 3335, and 6035 kcs on weekdays at 1900-2000, 0000-0200 and 0700-1030 and Sundays at 2100-0200 and 0700-1030. (SCDX)

SPANISH GUINEA- Radio Ecuatorial, Bata, noted on Oct 1st until past 2300 on 7848 kcs. Seems to be on an extended schedule, and probably another boost in power. (SCDX)

SWAN ISLAND- Radio Americas heard Sept 29th at 1720-1735 fadeout on 118?? with IS, Eng and Sp ID, then into afternoon programming at 1730. Signals were poor, with much QRM, but definite ID was made. Is this a new frequency or a harmonic of the 6 mc outlet?(LUYSTER)

UGANDA- Uganda Broadcasting Service heard on 4975 kcs s/off at 2000, has now been heard at 1730 on the new frequency of 3350 kcs with a new commercial Service in an African language and BBC Nx in Eng at 1800. (SCDX)

Thanks to Ron Luyster for his reports. Ron uses an Airline rx, model GSL-1079a, about 5 years old, employing 5 tubes. He uses antennas of 50 and 75 feet. Ron would like to hear from any one else who owns an Airline rx like his.

Lets have some reports from more of you. The more-the merrier. Deadline for the December issue is November 10th. Please report in GMT, but what's more important - PLEASE REPORT!!!

73s and good DX

---FRIENDSHIP CORNER---

NO. 1 NORTH AMERICAN SHORTWAVE ASSOCIATION
Bill Eddings, Editor 1521 Fifth Avenue Altoona, Penna.
N A S A Page 1 NOVEMBER 1962

With the coming of November, Thanksgiving is foremost in mind; A day celebrated in thanks for the bountiful harvest of that which we need for sustenance. At the time this holiday was originated, it was made so only through the cooperation and the true friendship of the peoples bonded together with a common understanding and belief. It is needless to say, that without that cooperation and friendship they gave each other, there would have been no harvest, no thanksgiving. So keep this in mind when you give your thanks...remember that you too, in your own way, can cooperate and be friendly and by doing so, even you can give birth to a thanksgiving. It may not deal with the sustenance factors which our bodies need, but it surely will deal with the factors which benefit our minds and our hearts. Promote good-will and understanding, be a friendly swl, one who truly is sincere in his thanks-giving.

CARD SWAPS

What with the evident increase in postage due soon, it is all the more important that the cardswap editors of the various clubs try to list only those names which are known to be 100% active. There are instances of course, when such is almost rather impossible, but I feel if all such editors would cooperate more readily with one another, everyone concerned would benefit. Yours truly has never listed large or lengthy litss just to fill up several pages...on the contrary, I have listed only names that are known to be active. However, even in my trying to do so, there have been errors occur. The important thing though, is that such errors have been, in every case, unintentional. I am sure you will agree with me in saying that a small or short list of 100% active names are far more worthy than a large or lengthy list wherein only half are so. You can help yourself and the other swappers by informing the cardswap editors of the club(s) you belong to if/when you hear of an OM who is inactive or plans to become inactive. Also, if you fail to get a response from any name in/on a list, let us know about this too. Only through your cooperation and your assistance can we editors do a better job for your benefit. Never pass names you find in old bulletins or on samples you receive from printers, nine times out of ten, these are no longer active. No matter your reason/purpose for swapping, let's go all out so that there are more benefits to us, not only as individuals, but as swl's and as hobbyists as well as club members. Justifiably or not, there are those in the hobby who defame and degrade the cardswapper, they do so because of their dealings with a certain few; So beware and dont become one of those "certain few"!!!

Once again the doors of Friendship Corner swing open wide in welcome to new members: NEAL BATES 74 Hartshorn Drive, Painesville, Ohio.....Neal is rather new at the DX digging and card-swap doings, but he does a mighty nice job of promoting the spirit of friendship (as can be proved when reading his message on his card). It is always a real pleasure to welcome OM like Neal, not only to NASA, but to the hobby. Here's hoping your stay with us will be beneficial to one and all Neal! Let's hear from ya! HARRY STOUT 598 Stewart Drive, Elizabethton, Tennessee.....Here is an OM who needs no introduction to the ranks of cardswappers, he has been active for quite sometime now. Harry is also active in other of the friendly phases connected with our hobby, he enjoys making penpals, making new friends. Tis mighty happy we are to have such a FB southern gent with us in NASA! Greetings and turnip greens to ya Harry! Hi! DAVID KNOWLTON Manchester, New Hampshire.....I dont have Dave's QRA as yet, matter of fact I dont know if he is a cardswapper either, but I do want to pass along a word of welcome and let him know we are glad to have him join us here in NASA. You are warmly greeted Dave and even if you dont swap cards, the ever-open doors of Friendship Corner bid you welcome. Hope you make/meet many new friends and that your DX efforts are all QRM'less, meaty and pleasurable. Any way we can help, let us know!

(cont'd)

DETLEF SCHULER Berlin-Pankow, Retzbacher Weg 66, GDR/Germany.....In joining NASA, this OM becomes total owner of the title "NASA's First Overseas Member". It goes without saying that we are just as happy to have him with us as he is in being so. It also goes without saying that we can expect many interesting reports to the various sections from Detlef. Although he is rather new at cardswapping, he is not a novice DXer and he has the QSL's to prove it. Speaking and writing english is no problem for him and he has the ability to win many friends. A real attribute to the club, the hobby, that is Detlef. Welcome OM and the very best of luck, DX and new friendships!

- ALASKA Clayton Woodward(KL7PE2Q) Palmer, Alaska A,*
- ARKANSAS Jerry Kozubski(WPE5CCO) 301 Judy Street, Dumas, Arkansas A,V,*
- ARIZONA Mike Zussman(WPE7BO) 8078 North 15th Avenue, Phoenix, Arizona A,S,*
- CALIFORNIA Bill Willis(WPE6CZU) 4125 Ramsdell Avenue, La Crescenta, Calif. A,Q,*
- Dave Crook(WPE6BHP) 997 Capri Drive, Campbell, Calif. A,K,*
- Dan Driscoll(WPE6-SWL) 1157 West Street, Corning, Calif. A,R,*
- Bob Coomler(WPE6AG) 6047 Comey Avenue, Los Angeles 34, Calif. A,D,*
- FLORIDA Joe Miklas(WPE4DOE) 1809 E. Maxwell Street, Pensacola, Fla. A,I,*
- GEORGIA Frank Holder(WPE4EME) 501 5th Avenue, Eastman, Ga. A,B,*
- ILLINOIS Gerry Giguere(WPE9APJ) Rural Route 1, Beaverville, Ill. A,*
- INDIANA Greg Gordon(WPE9DVT) 1037 Ravenswood Drive, Evansville, Ind. A,V,*
- IOWA Bob Yanda(WPE4AQN) P.O. Box 25, Oxford Junction, Iowa A,U,*
- LOUISIANA Will Finnin(WPE5ANS) 1818 Chestnut Street, New Orleans 13, La. A,D,*
- MASSACHUSETTS Andy Kasparson(WPE4LDW) 37 Woodland Road, Auburn, Mass. A,R,*
- MARYLAND Forrest Chumley(WPE3CTL) 225 Ashwood Road, Dundalk, Md. A,H,*
- MICHIGAN Larry Bassett(WPE8DCG) 4419 Elmwood, Royal Oak, Mich. A,*
- MINNESOTA Rick Olson(WPE4ADY) 1005 First St. N/W, Rochester, Minn. A,J,*
- NEW MEXICO Jim Creek(WPE5BOC) P.O. Box 102, House, New Mexico A,*
- NEW YORK Dick Shanahan(WPE2GJC) 126 Beethoven Street, Binghamton, N.Y. A,*
- Dan Malochleb(WPE2HFZ) Trout Creek, New York A,S,*
- Rick Roll(WPE2ALE) 265 Stilwell Road, Hamburg, N.Y. A,*
- Anne McKenna(WPE2-SWL) 4A Meadowbrooke Drive, Huntington, N.Y. A,*
- Dick Kurcoba(WPE2GJG) 508 Gaines Street, Elmira, N.Y. A,D,*
- OHIO Neal Bates(WPE8IEPN) 74 Hartshorn Drive, Painesville, Ohio A,*
- Ron Luyster(WPE8AGY) Route 1, Flushing, Ohio A,*
- PENNA. Bob Boyer(WPE3CHM) Box 105 R.D.2, Pottstown, Pa. A,*
- Dave Alessi(WPE3DJW) 2709 West 11th Street, Erie, Pa. A,*
- TENNESSEE Harry Stout(WPE4CKE) 598 Stewart Drive, Elizabethton, Tenn. A,*
- TEXAS Richard Little(W5-SWL) 4140 Winfield Avenue, Fort Worth, Tex. A,*
- WISCONSIN Dan Meyer(WPE9GVE) 444 "A" Street, Chippewa Falls, Wisc. A,H,*
- Ralph Kerstein(WPE9CCY) 3044 South 12th St., Milwaukee 15, Wisc. A,*
- CANADA Sam McLauchlan(VE2PELB) P.O. Box 26, Gatineau, Quebec, Canada A,*
- Alan Spencer(VE-9981) 332 Stannard Ave., Victoria, B.C., Canada A,*
- GERMANY Eberhard Warnecke 562 Velbert (Rheinl) Postbox 1244, Germany L
- Detlef Schuler(DM4PELAK) Berlin-Pankow, Retzbacher Weg 66, GDR/Germany A,*
- HOLLAND Fred Weidema(PA0PELO) 13A Steenstraat, Arnhem, Holland A,*
- JAPAN Noboru Sakurai(JA1-3487) 1-2 Kiyokawa-Cho, Asakusa, Taito-Ku, Tokyo L
- SOUTH WALES Bill Harris(GW-9897) "Swanage", Port Road West, Glamorgan, So. Wales A,*
- HUNGARY Barna Imre(HA-5061) Budapest XIV Ker, Hungaria KRT 46/50 A,L,*
- INDIANA Bill Wambach(WPE9AT) 1301 Mt. Auburn Road, Evansville, Indiana A,*
- MARYLAND Richard Few(WPE5DVQ) 1207 Parrish Drive, Rockville, Md. A,*
- PENNA. Paul Kirkpatrick(WPE3BQL) 229 W. Chestnut St., Souderton, Penna. A,*

- Credits...
- A*Submitted direct
 - B*Bill Hutchinson
 - D*Ed Drumm
 - H*Dave Hailey
 - I*Dan Meyer
 - J*Jim Courtney
 - K*Bill Crook
 - L*Frank Lenzioszek
 - *-Editor
 - Q*Neal Gregory
 - R*Gary Rolinson
 - S*John Arthur
 - U*Dave Listort
 - V*Warren Anderson

You will note that 98% of names listed were submitted direct as well as by reliable (cont'd)

swap-reporters. The remaining 2, submitted by Frank Lenzioszek (a most reliable swap-reporter). This insures you of a QSL unless some unforeseen happenstance occurs. In other words, these are all 100% active and they all welcome your cards at their QTH. NOTES & QUOTES.....NOTES & QUOTES.....NOTES & QUOTES.....NOTES & QUOTES.....NOTES & QUOTES.....NOTES & QUOTES.....

Two letters have arrived here asking me about postage rates regarding the enclosing of cards in an unsealed envelope. These two OM say they have rcvd a number of cards that were all "battered and smeared" being that they were mailed "as is" with a 3¢ stamp....First of all, if you put your card in an envelope, you may as well seal it because it costs 4¢ (soon to be 5¢) to mail it. Now if there was no writing on the card, except that put on at the printer, you could send it in an unsealed envelope for 3¢, BUT, when you write your name on it, along with your gear information, you must send it first-class (4¢) so you might as well seal it. Dig? I too have rcvd a number of cards that were "battered and smeared", this seems to be brought about by carelessness at certain postoffices. Some cities/towns have postoffices with all cancelations done by machines, other still employ the older modes (by hand). Sending your cards in a sealed envelope is up to you, the individual, but if you do, make sure you put 4¢ postage on. (this may be the reason some of you have not rcvd QSL's; You may have sent your card in an unsealed envelope with a 3¢ stamps on it...if so, it need not be divered nor returned by the postal service because of the insufficient postage. Or they could return it or send it through "postage-due"....some postoffices do, others dont!.....Also have rcvd a few letters/cards, asking me for active OM's in Wyoming. To this I am sorry to say there appears to be none at present. Chuck Cozzens had been active until a month or so ago, and even of late I have hrd that QSL's have been rcvd from him. However, I will not pass his QRA anymore because I know he has not been QSLing 100%. Seems his mother or someone is answering some of his mail! As to why Chuck isnt doing it himself, I know not! For this reason we should not hold any ill-feelings!!! I have written him twice recently, but have rcvd no reply to date. Any of you know of any active Wyoming swls that swap????.....Club QSL cards, for sale from hdqtrs (50/35¢pp) are on par with those sold commercially for 100/\$1. They are the blank type and can be used for swaps as well as QSL's, ham reports, etc. By the first of the year we hope to have another type card for members. If any of you have an artistic knack, send me a rough sketch of a card you think would be ideal as a club QSL. If your sketch is selected as the model we use, we will award you 100 free. Any takers???.....Nothing new to report on the KH6 swapper. Looks like I'm not making much time with that YL, but then watcha expect with all this distance between her and I? Hi!.....Till next month then, lotts a slops..er, I mean swaps!!!

TAPE TALK

Proof that tape recorders are becoming more and more standard equipment in the swl and ham shack is that the national hobby and electronic magazines are devoting more space, more articles on them. One thing you will note however and that is that the majority of these articles are, for the most part, basic hints/tips just as have been given in this section in past bulletins. It would be rather useless for us to write articles other than those which are generalized in that all recorders do not have the same functions/features. Keep in mind that we, as swls/nams/tapesponders, are mainly concerned with just yakking tapes and recording DX and if we were to go into detail about procedures dealing with the recording of music, dubbing, echo effects, etc., we would be defeating our purpose in that, as we said, all recorders do not have the same functions/features. What could be utilized by some of you would be of no value to others of you. Thus, to those of you which have requested I write an article on this or that recording phase, I suggest you purchase one of the books written by the experts. Moreso, I would tell you to experiment with your recorder and learn by the trial-error method. You can learn, in this way, things that even the experts cant teach you. All recorder manufacturers issue manuals with their products; From these you learn the complete functions/features of your particular model; From there on it is up to you to learn by doing. Just as when DXing you can

(cont'd)

be told what frequency a station is broadcasting on, you must "dig" for it and use the functions/features your reciever offers so that you get a readable signal; So must you learn to utilize the features/functions of your recorder. But no matter what you learn by reading or hearing, you can always increase your knowledge by experience. Aint ya ever heard... "Experience is the best teacher" ? In summation then, to those of you which have written asking for certain articles, I will either write or tape the information to you rather than contain it in these sections of the bulletins. OK?

TAPE TIPS TAPE TIPS TAPE TIPS TAPE TIPS TA

Everyone is always looking for bargains, but oft times a bargain is a bugger. Take for example the cheap brands of tape or those which are termed "seconds"...in most cases you can get a 1200' reel of such at a price you would pay for a 300' reel of good tape. Beware these cheap tapes! They can "goof-up" your recorder! Many OM's have bought these cheap tapes only to find them gumming up their recorder heads with shedding oxide. Then too, these cheap tapes tend to have a sandpaper surface which, when passing over the recording head, causes friction and excessive head wear. So if your recorder is not giving you the sound (fidelity-wise) that you think it should, it could very well be that you are using inferior tape. An expensive recorder using cheap tape cannot produce as good a recording as a low priced recorder using quality tape!.....If you use your recorder to any extent or for long periods at a time, it would be worth your while to purchase a head demagnetizer. The voltage surges which occur each time you turn your recorder on/off will gradually magnetize the heads. Such heads will erase high frequencies and cause excessive hiss. If/when you get one of these demagnetizers, make sure you follow the instructions supplied with it!.....

The following OM would like more tape pals. All request 3" reels recorded at 3.75ips.

Name	QRA/QTH	Recorder
Dave Alessi	2709 West 11th Street, Erie, Pa.	Webcor "StereoLite"
Jeff Mazer	4325 Glenlytle Road, Pittsburgh, Pa.	Webcor "Royalite"
Jim Ekblom	1141 Hadtner Avenue, Williamsport, Pa.	Keystone "400"
Doug Hart	201 South West St., Crawfordsville, Ind.	Pentron "Triumph"
Ed Drumm	14 Dale Road, Wethersfield 9, Conn.	Webcor "Compact-DeLux"
Al Anderson	7908 Main Street, Ralston, Neb.	Technicorder
Gene Molter	10 Hawthorne Ave., Needham, Mass.	Wilcox/Gay "Recordio"
and YL, Marie Clark	22 East 89th St., New York 28, N.Y.	Webcor "Regent"

Larry Marshall, NASA member from North Dakota, recently sent me a tape along with a variety of pictures he took during his vacation to Chicago. His narration along with the pictures was on par with a travel-log. A real interesting tape and a nice job of photography OM!....Anyone interested in a Revere "T-2200" recorder (regularly \$239 on sale for \$170) contact NASA President Rick Roll at headquarters for all details... ..Doug Hart is an announcer/engineer at radio station WBBS, he is new at the tape game however:.....If you think tapesponding is dull, you should hear the imitations of Johnny Mathis, Hermionne Gringold, Frank Sinatra, Walter Brennen and Elvis Presley a certain few of our members can do. They are really good! I might try to make up a reel of these "talents" and without divulging the names of the donors, send the reel to anyone interested in hearing it. Watsa? In this same vein, if any of you record a rare DX station, let me know and perhaps we can make up a reel of such "goodies" so other members can hear them.....Still no ideas on a tape contest, whatsamatter mit you guys?....Anyone monitor/record the latest Mercury flight? I couldnt because of a bug in my rcvr.....At the time of this writting, members John Cull, Ron Luyster and John Arthur are having recorder troubles. Hope repairs can be expedited in all three cases and that they are back to yakking again real soon.....That's it for this time; so until next month I leave you with this bit of philosophy.. "A good way to get even with those who have helped you is to help them in return."

Super 73 and sincere friendships,
Bill Eddings

M E D I U M W A V E S E C T I O N

N O R T H A M E R I C A N S H O R T W A V E A S S O C I A T I O N

Vol. 1 - No. 11

John T. Arthur 3004 Watson Blvd.

Endwell, N.Y.

N A S A

Page 1

Nov. 1962

TO SCREAM OR NOT TO SCREAM - THAT IS THE QUESTION (?)

In the October issue we covered the change made by WENE from a good music format to a pop music format. This month we will cover the story of WHN, and attempt to draw a conclusion on the basic reasons behind the switches made by any station.

We received a reply from WHN, and primarily the text is as follows:

"The change from a "pop" music to "good" music was made when the Storer Broadcasting Company purchased the former WMGM ~~and~~ earlier this year, changing its call letters back to the original WHN.

The change was made as a result of deep research of New York radio programming which showed a need for "SOUND OF MUSIC/TOTAL INFORMATION NEWS" programming. There is no station duplicating the service provided by WHN. All music is memorable and familiar, and special features of new albums and well-known composers, conductors, and artists are scheduled frequently.

WHN News is the finest service available. The staff not only reports the news, but comments on it throughout the day. Special provocative issues are highlighted, discussed, and documented.

The basic difference between the WHN type of programming and that of so-called "popular" music stations is that every element of our programming is commonly accepted by listeners as being in the very best of taste."

Signed by Roy M. Schwartz-Operations Manager

Now this is basically the same thing as said by WENE last month. One conclusion may be drawn immediately -- broadcasting format for a particular area depends on WHAT THE LISTENERS WANT! If the listeners want rock'n'roll, that station will play it. If they change their desires, the station will be forced to change its format to keep its audience and thus its income.

Secondly, a conclusion may be drawn that the owner of a station may dictate what type of format the station has. This is especially true of low-powered, daylight only stations in the mid-west. If the owner likes light, semi-classical music, that's what the station will broadcast. However, if the majority of his listeners like pop music or perhaps broadcast time in a foreign language, he may find that he will have to change his format, perhaps only slightly, to keep his audience.

Thirdly, the decision of the type of format may change hands in stations of different power allocations. i.e.- whereas a 250 watt station may have the decision made by its owner, the 50 Kw'er must depend more on its audience to decide. The decision gradually moves from the owner's to the listener's hands as the station increases power.*

M W D X ' E R S

MWDX'ers Profiles-- This month we feature Bill Crook-WPE6AYE/m, of 997 Capri Drive, Campbell, California.

"Early DX in 1932 with a crystal set and a 200 foot longwire heard WJR-Detroit from Toronto. Then used a Philco and two other receivers of ancient vintage. Logged about 20 or so stations. Then I became inactive until 1958 when I renewed my interest in MWDX'ing. Used an S-38, an S-120, and an SX-43, but my present receiver, the good old RME-45 is the best one I have ever used for MWDX. Best DX is KDKA (3000 miles plus), and my prize QSL is XELO."

That's all you have to do. If you want to see your name and a brief history of your DX activities in print, drop me a line and send along information like the above gas.

NOTES-- For those of you that are looking for a good MW log for a nominal price, may we recommend the Vane A. Jones Log. It only costs \$2.00, and is available from Vane A. Jones Co., 3749 North Keystone Ave., Indianapolis 18, Indiana. It is FB. We use one here. They list all stations on MW/FM/TV in North America -- USA, Canada, Mexico, Cuba, and the Indies. For one skin it is very much worth it.

A MW contest is in the works and may be announced later in this section. The scoring details are holding things up.

MWDX'ers SCOREBOARD-- Here are the present standings of some MWDX'ers who have reported them to us.

	STATIONS HEARD/VERIFIED	STATES-COUNTRIES	BEST
W. Crook-	84/26	18-3	KDKA
J. Arthur-	360/42	21-4	HJAN

We'd like to see more listed here. How about YOU?

GAB-- Well, winter is coming, and bringing with it the better DX conditions. The DX will be there for the logging, and the MWDX section will be there for the listing. We hope to see an increase in reporting from the membership, as conditions improve. We will be here as usual for your benefit, and should you need help in anything reasonable don't be afraid to drop us a line.

QSL NOTES-- The following info is for your use in QSL'ing MW stations. We will try to include QTH's along with data on the cards/letters themselves.

Radio Americas, P.O. Box 352, Miami 1, Florida, QSL'ed by card, took 9 months. Multi-colored map of Caribbean area on obverse, verie and station data on reverse. Signer-John Kulik.

WVL, Loyola University of the South, New Orleans, Louisiana, QSL by card. Took 20 days. Signer-Bill Dean.

WLAC, Nashville, Tennessee, QSL'ed by card. Verie info on obverse, station info and address on reverse. Took 2 1/2 months. Signer-F. D. Binns.

WFLI, Chattanooga, Tennessee, QSL'ed by card w/ verie info and station data on obverse, blank reverse. Signer-Wade R. Brochert. K4YSE/WPE4JOC

CURRENT REPORTS--- The following are the latest DX reports as received here. All times are EST.

USA***

- CONNECTICUT-- WBRV-1590, Waterbury, hrd 2304 w/ talk by Rev. Thomas. ID/s/off at 2309. (3BWL) WBZY-990, Torrington, hrd 1800 w/ nx/wx. Fair sigs. (2CLD)
- DISTRICT of COLUMBIA-- WMAL-630, hrd 2337 w/ Comedy Hour (in progress). WRG-980, hrd 1740 w/ Monitor. (2CLD)
- GEORGIA-- WTOG-1290, Savana, hrd 0535 w/ fair sigs. (1DAR)
- INDIANA-- WSAL-1230, Logansport, hrd 2340 w/ DJ show. ID/nx at 2400. (3BWL)
- IOWA-- WHO-1040, Des Moines, hrd 0221 w/ pop tunes. (3BWL) KXEL-1540, Waterloo, hrd 0615 w/ farm and mx show. (2CLD)
- ILLINOIS-- WBBM-780, Chicago, hrd 2040 w/ Jimmy Petersen jazz combo. WCVS-1450, Springfield, hrd 0345 w/ mx. (2CLD) (First item from 3BWL. Sri, Bill. Ed.)
- KANSAS-- KWBB-1410, Wichita, hrd 0415. Conditions vy bad. (2CLD)
- NEW YORK-- WRWL-1600, Woodside, hrd 1945 w/ ann. & Pulsating Parade of Personalities. WSAY-1370, Rochester, hrd 2330 w/ nx/wx/t-c/s/off at 2333. (3BWL) WGVA-1240, Geneva, hrd 1800 w/nx. (2CLD)
- NORTH CAROLINA-- WFRG-1600, Reidsville, hrd 2055 w/ ID and ABC nx. Fair sigs. (8AGY)
- OHIO-- WAKR-1590, Akron, hrd 2315 w/ ID/t-c/Platter Party. (3BWL) - Hrd frequently after 2100. (2HFZ)
- PENNSYLVANIA-- WKMC-1370, Roaring Springs, hrd 1020 w/ "Down Home Mx" (country-western type). (3BWL) WTRN-1340, Tyrone hrd 0925 w/ "Doctor's House Call". (3BWL) WRTA-1240, Altoona hrd 1755 w/ ABC nx. (2CLD & 2HFZ)
- SOUTH CAROLINA-- WFBC-1330, Greenville, hrd 0005 w/ nx/sports/mx. (3BWL) Hrd 1740 (varies) w/ mx (2CLD)
- TENNESSEE-- WNOX-990, Knoxville, hrd 2222 w/ ID: "At the 990 spot on your dial - WNOX". (1DAR)
- WEST VIRGINIA-- WAJR-1440, hrd 0335 w/ wx rpt. (3BWL)
- CANADA***
- ONTARIO-- CBE-1550, Windsor, hrd 1840 w/ "Assignment"-Pat Wallace, Dr Booth, Father O'Brady, Shirley. MC-Bill McNeill. (3BWL) CJIC-1010, Sault Ste. Marie, hrd after 1900 w/ fair to good sigs. Has been hrd w/ Italian pgrm 1800-1830. (8AGY)

CURRENT REPORTS ARE CONTINUED ON NEXT PAGE***

ONTARIO (con't)-- CKPT-1420, Peterborough, hrd 2010 w/ fair sigs.
(IDAR) CKFH-1430, Toronto, hrd arnd 2020 during
power failure at local WENE. Fair sigs. (2CLD)

CUBA***

La Habana-- GMCA-730, Havana, hrd nightly w/ Eng. prgm generally
strongly seasoned w/ political propoganda. Much mx, both
Cuban and U.S. ID- "GMCA, The Friendly Voice of Cuba".
(8AGY). ((You mean they have a friendly voice? The power
listed is 10 Kw. EI.))

MEXICO***

Districto Federal-- XEW-900, Mexico City hrd after 2000 w/ gud sigs.

San Luis Potosi-- XEWA-540, San Luis Potosi, hrd frequently after
2000 w/ fair to gud sigs. Relays XEW network and
IDs as XEW. (Both from 8AGY)

BAHAMAS** (West Indies Federation)

Bahamas-- ZNS-1540, Nassau, hrd in Ohio frequently arnd 1930 and
after w/ commercial programming. Gud sigs many times, but
splatter from WCKY-1530, Cincinnati. (8AGY)

CREDITS-- All credits for these reports go to:

Ron Luyster, Ohio - WPE8AGY (Rx - Airline GSL-1079A)

Bill Eddings, Pennsylvania - WPE3BWL (Rx - NC-188/NC-173)

David Knowlton, New Hampshire - WPELDAR (Rx - Philco)

Daniel Malochleb, New York - WPE2HFZ (Rx - Channel Master)

Ye Olde Editor, New York - WPE2CLD (KT-320) Thx, OMs.....

NOTES-- The key is the same as last month, so I won't repeat it.
Next month we will feature a MW station for the first time. The
first one will be ~~KX~~ KNDE, Aztec, New Mexico. If you would like to
see a particular station (maybe a local) featured here, just let us
know and we'll see about gathering the data to do it with. We would
like to make a public appology to Steve Raiche for misplacing his
vy FB report. I'll feature it next month. OK, OB? We extend our
congrats to Steve Raiche for qualifying fr the NASA MW award. Looks
like I'll have to get on the ball and get it, too. HI! News about
our 1st MWDX contest will be in the December issue for sure. Start
peaking up ur rigs, it'll be a toughy. When you send a report to
us please follow the format used in the section. It will simplify
our work 100%. Also, please mark the outside of the envelope as
follows: "MWDX REPORT". That way we can separate the mail and give
our attention where it belongs. Also, I can't ask you enough to
PLEASE use EST for your reports. It gets nerve-wracking trying to
change one report from GMT to EST and another from PDST to EST and
another from EDST to EST, etc.... Ask Richard Orcutt. He knows!! We
are very happy to note that DX appears to be picking up all accross
the country. At any rate reports seem to be increasing, and that's
a good sign. Thx to you-all for your reports. Best of DX.

John T. Arthur-WPE2CLD

NASA NEWSROOM

NORTH AMERICAN SHORTWAVE ASSOCIATION

Ron Luyster

Route 1

Flushing, Ohio

NASA

Page 1

November, 1962

****CANADIAN SATELLITE UP---A U.S. rocket has hurled a Canadian-built space-craft into orbit to make a scientific topside study of the ionosphere, using the longest antennas ever sent into space. Named the ALOUETTE, the 320-pound spacecraft rode a Thor-Agena B combination into a nearly circular polar orbit. NASA announced that Alouette was in an orbit ranging from 597 to 619.2 miles above the earth and its speed was ranging around 15,900 miles an hour. The orbit time is 105.4 minutes. Aiding it in studying the ionosphere are two antennas, one 150 feet long, and one 75 feet, arranged like a cross. (via RICHARD ROLL)

****SHORT NOTES---Khartoum--Sudan's Post and Telegraphs Dept. has announced a new 7-year plan for the development of telecommunications. (JC) (This means (maybe) new transmitters, new services etc. Ed.)..Guatemala---Guatemalan Broadcasters have agreed to drop the very Commie-line soap-operas someone (Castro?) had been supplying; reason?...the Inter-American Ass'n of Broadcasters clamped down. (JC)...London--Britons are buying \$2. pocket radio jammers to fight transistor radios on beaches and other public places. The sets cause nearby radios to howl like a "lovelorn cat". (RD) (This shouldn't be tried here, as anything that causes intentional QRM to radios is illegal!Ed....Belgium--An on ship-board, commercial 15 kw. transmitter called "RADIO ANTWERP" is to be on the air soon, 5 miles off the Belgian coast. The freq. is not yet known. (R.N.)...Washington--First fruit of the Senate probe into foreign lobbying; an FCC warning to all radio and TV stations telling them to identify clearly the sponsorship of "controversial" foreign matter. (UPI)..Havana--Beginning Jan. 1, 1963, a new program of cooperation between Cuban and E. German radio organizations will be begun, including exchange of radio programs and personnel. (R.H.).... (CREDITS: JC-John Cull... RD-Richard Derrickson... R.N.-Radio Nederland... R.H.-Radio Havana & Ed.)

****HELPFUL HINTS---Like to calibrate your ham receiver? Use CHU, broadcasting time signals from Canada. These signals, which are close to the bands are on continuously on 3330 kc. (300 watts), 7335 kc. (3 kw.) and 14,760 kc. (300 watts).---When soldering capacitors or resistors or tying flies (the fishing kind!) etc., use an old safety razor as your 3rd hand or a small vise.---The key to a coffee can makes a good screwdriver for small screws. Most ordinary screwdrivers don't have a narrow enough edge. (from "Boy's Life", via member John Cote, Massachusetts.)

****HAM SHACK IN AN IRON LUNG---Though confined to an iron lung, a young ham radio operator is able to be on the air daily, manipulating radio controls with a spatula in his mouth. The young polio victim, Billy White, 13, of Corpus Christi, Texas, works voice bands as well as code. His call is K5CBZ. His transceiver is on a special bracket. (via John Cull)....Let me say that I think this OM deserves the respect and admiration of all of us! It shows what can be accomplished despite the greatest of burdens and afflictions. Our very best of 73's to Billy!

****MYTH OR MONSTER?---Modern science is finally being turned out to search for the legendary Loch Ness monster in Scotland. British scientists are sounding the Loch with Norwegian echo sounders and other electronic gear. (P.Mechanics)...No privacy even for a monster! Ed(OVER***)

NASA SPECIALHCJB-TV...Ventana de los Andes

The powerful shortwave signals of HCJB radio are probably known to every SWL in the Americas and to most others around the world. A lesser known aspect of the HCJB operation is their television station which has been on the air since mid-1961. The formation of HCJB-TV began in May 1955 when a G.E. technician-engineer made arrangements with his company to buy scrapped TV equipment for \$200. to be used in the construction of a missionary TV station. The technician, Griff Hartwell, pledged himself to build the transmitter needed, and General Electric gave permission to use G.E. parts and design with the understanding that the transmitter was to be donated to a mission. During the many months that followed, Giff spent every spare moment in his garage workshop with screwdriver in hand as the transmitter came to life. He haunted the G.E. scrap heap for electronic treasures, salvaging components and canvassing manufacturers for bargains or outright gifts when necessary. Friends and neighbors pitched in to help, Giff's wife took a job in TV for experience and enrolled in a university TV course. The two television setups that resulted were valued at \$150,000. although the actual cost was \$1,800. plus three years of work and sacrifice. One station was stored in the mission headquarters in Talcotville, Conn., while the second was packed and shipped to Quito, Ecuador by air. In June 1959, the Hartwells reached Quito where work was begun on making the station ready for operation. Then on Aug. 10 to 30th, 1959, HCJB-TV operating on Channel 2 under a special temporary permit, using HCJB radio talent, gave Ecuador its first demonstration of television at the National Newspaper Fair. From July 1960 to May 1961, regular test programs were aired, and were viewed by many visitors to the station, and the families and friends clustered around the 200 privately owned receiving sets in various parts of the city. Later, on May 18th, the government of Ecuador granted the World Radio Missionary Fellowship a license to operate the non-profit, missionary TV station. Since that time, they have been on the air regularly, and now telecast six nights a week between 7:30 and 9:30 P.M. HCJB-TV is the only TV station in Quito. The city has enthusiastically responded to the new media. However the receivers are still expensive and consequently available to just generally the upper-class families. HCJB calculates there are about 500 receivers in Quito at the present time. A few months ago, it was decided to move the TV transmitter and antenna up the side of Mt. Pichincha, just back of the HCJB compound, to a site several thousand feet above Quito and overlooking the valley. It is believed that this move will bring tremendously improved reception. A high frequency TV link is to be constructed to carry the programs from the studios to the new transmitter location. This then is some background on the newest venture being carried out by HCJB in the field of broadcasting.

(THANKS to Robert B. Clark, Director of HCJB-TV for this information!)

***FUTURE ADDITIONS TO YOUR TV STATION LIST---Ohio University at Athens has received FCC approval for an educational TV station and commenced construction on an 814 ft. tower. Call letters will be WOUB-TV and will be on UHF Ch. 20. (Ed.)---Binghamton, N.Y. is getting its 3rd TV outlet with WBJA-TV, UHF Ch. 34, soon to be on the air. (via JOHN ARTHUR).

***In closing, may I take this opportunity to welcome to the club all new members, especially our first German member, DETLEF SCHULER of Berlin. Glad to have you!.....That's just about all we'll have space for now. Don't forget to send in those items! Until next time, Auf Wiedersehen, and very best of 73's! In the mean time, it's your letter I'm expecting!

HI! EVERYBODY! Glad to be one of the crowd! This, being my first column I will try to introduce myself and what I do around my "QTH" during the year.

First of all I am active on the swl'ing bands having received "QSL's" from many foreign stations to prove it. For this purpose I use an SX-110, the R-48 speaker and an antenna consisting of a forty meter doublet. Although it's kind of new to me I really do enjoy foreign broadcasts and especially "Radio Moscow" with their English newscasts. It is truly a pleasure to be sitting in my own "shack" listening to other people, the world over, talk as if I were right beside them! Some of my other favorite programs are: 1) "Radio Austrailia", 2) "Radio Moscow", 3) Switzerland Calling and 4) Voice of America.

I belong to the POPULAR ELECTRONICS short-wave listeners club with the call WPE 2 GRD also.

My other main hobby is "ham radio" in which I have the call sign WA 2 YAB. My favorite bands are eighty (along with seventy-five), forty, and the twenty meter bands, although I operate from 160 - 10 with my Jhonson "Viking II" and Hammerlund "HQ-170" with speaker. I am very close to my "Worked All States" (WAS) with 43 states to this date - Oct. 4, 1962. I began in amateur radio last November as a novice and while attending Camp Albert Butler in North Carolina studied theory and code and took my general, receiving the "ticket" exactly one month later. I have been a member of the American Radio Relay League since January 1, 1961. Also I plan to take my "second - class radiotelephone license soon.

Well, that about closes up my activities so I'll tell you a little about myself now. I'm fifteen years old and a sophomore at Lancaster Senior High School, am planning to further my study of electronics in college, etc, and when I reach the sixteen mark will apply as a "jisc-jockey" at one of the local radio stations!

Following are some questions and answers about columns to come:

Q: What will the following articles be about?

A: The following articles will contain courses in electronic theory and some code.

Q: What type sections will be included?

A: Every month there will be a lesson in theory, a report on some type of "SWL" gear, that is, receivers and other additional equipment with finally a question - answer section.

Q: How can readers answer questions which might arise by trying to understand the theory?

A: Easy! Just by writing to me as per the following address:
Mr. Bill Zielinski / WA2YAB-WPE2GRD
10 Maple Avenue
Lancaster, New York

I will try to answer publicly as many questions as possible and as space permits. The others I will try to answer by personal mail providing a self-addressed envelope is enclosed with stamp and your mailing address.

Q: Can readers add tips or ideas that might help other "listeners"?

A: Yaubetya! Just send your "helper" to the above mentioned address.

IMPORTANT!!! = Please be sure that all correspondence reaches my "letter-getter" by the day of the preceding month you wish your information to be entered, that is for example - if you want a question to be in the December Bulletin Make sure I have it by the of November, etc.
(can't on back)

10th
↗

10th ↘

As long as we have plenty of room left I might as well begin with a few minor (but by all means important!) formulas. If you start studying theory don't quit! This means of learning, to me, is fantastic! It is carried on in an informal manner where-by you can have your own questions answered - like in a classroom! REMEMBER THIS THOUGH!! - Once you start - DON'T QUIT! Theory may be a little boring to you at first but as soon as we have hurtled the "basics" you'll be well on your way towards troubleshooting or even a ham license if you like.

I don't think there is a better place to start than with a couple formulas - and don't get "shook" by the word formulas - we'll be using a lot of them!

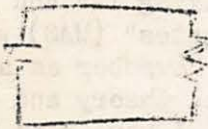
We will discuss some possible applications of the given formula after the explanation of it.

FORMULA # 1 - OHM'S LAW

Formula: $I = \frac{E}{R}$ $E = \frac{I}{R}$ $R = \frac{E}{I}$

Where: "I" = current measured in amperes
 "E" = voltage measured in volts - sometimes referred to as E.M.F. or potential
 "R" = resistance measured in ohms usually abbr. as

APPLICATION: Find the current in the following circuit.



Where: "I" = unknown
 "E" = volts = 100
 "R" = resistance = 10

So we use $I = \frac{E}{R}$ because "I" is the unknown.
 Substituting:

$I = \frac{100}{10}$; $I = 10 \text{ AMPS}$

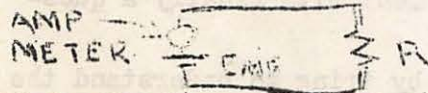
Now try some other applications of ohms law for more practice!

POWER FORMULA FORMULA # 2

(There are three forms of this formula - however we will just use one now)

FORMULA: $W = E I$ Where: W = unknown - power measured in watts
 E = voltage
 I = current

APPLICATION: Find power in following circuit - when "E" = 10 volts + $R = 100 \Omega$



ALL set? O. K. then try the next circuit!

Find: The 1) current and 2) the power consumption (power)

You should have done it in the following manner:

First use ohm's law to find the current "I":

$I = \frac{E}{R}$; $I = \frac{10}{100}$; $I = .1 \text{ AMP}$

Then use the power formula to find power consumption:

$W = E I$; $W = 10 \times .1$ ANSWERS = 1) .1 amperes + 2) 1 watt
 $W = 1 \text{ WATT}$

Well how did you do? Practice some more 'till you can do 'em cold! - There VERY important!! So until next month, 73 and good luck in future!

73 - Bill [Signature]