



# NORTH AMERICAN SHORTWAVE ASSOCIATION

Headquarters: 265 Stilwell Road - Hamburg, New York

VOL. 2

December 1, 1962

NO. 3

New members- We find ourselves with a bumper crop of new members, mostly through the efforts of Bill Eddings and a few others. A Santa Claus size welcome to the following new members...

#79, Rheal P. Lavoie, Ansonville, Ontario, Canada, (through Bill Eddings), VE3PEIQH. A member of CDXC, ASWLC, and now NASA. Rheal listens with a Lafayette HE-30 on the SWBC and ham bands. He also speaks French, so anyone needing report forms in French may wish to write him.

#80, Bill Harris, South Wales, U.K. (through Bill Eddings). Our second overseas member! Bill's receiver is a Hallicrafter S-20, which is usually tuned to SWBC and ham. Bill is a card swapper, and a tapesponder, so if you need a South Wales swap, here's your chance!

#81, Errol Urbelis, Long Island, N.Y. (through R. Roll) WPE2AN. #89, Ann McKenna, Huntington Station, N.Y. (through Errol Urbelis) WPE2NK. Again this month another "first" honors NASA with its presence! Recently Errol Urbelis of Greenlawn, N.Y. joined NASA, and shortly thereafter interested his future YL in membership, so is our first XYL member, Miss Ann McKenna, WPE2NK, Huntington Station, N.Y.

#82, Charles R. Rader, Missouri Valley College, Marshall Missouri, (through Tom Mann) WPE2IAU/Ø. Chuck is attending Missouri Valley College at present. So that leaves a limited amount of time for DXing. Hope to be hearing from you Chuck, during the summer months!

#83, John M. Dickey, Westchester, Penna. (through Bill Eddings) John is strictly a SWBC man, which his Zenith trans-oceanic does FB at! He also enjoys cardswapping. John is also active in the ASWLC and the DXU.

#84, Jim Creek, House, New Mexico, (through Bill Eddings), WPE5BOC. Jim, our first member from New Mexico, listens with a Knight Span Master, and a Heath GR-91, which he has connected up to an array of long wire antennas. Jim doesn't tapespond, but welcomes all cardswaps! Other interests are map collecting and stamps. (Perhaps some of the members could help Jim out with his map collecting!?)

#85, Lavoyd Kuncy, Detroit, Michigan, (through R. Roll) WPE8AD, Lavoyd is NASA's new ham-band editor, and a very hot DXer in his field!! You'll find

cont'd

his first section in this months bulletin, turn to it, I'll think like what you find. It goes without saying, that Lavoyd will appreciate your support!

#86, Leonard Lee, North Wales, Great Britain, (through Bill Eddings). Leonard is now our third overseas member!! His receiver is a R107, with which a whip and ground plane work well. Len enjoys card swapping, tape swapping, post card swapping, and personal picture swapping, could it be said that we have a swapper with us? Hi.

#87, Harry Smith, Binghamton, N.Y. (through Mike Wood), WPE2HKE. Harrys receiver, is also a Knight Span Master, connected to a west east running 70' long wire. Other interests of Harrys are Tennis, Piao, and card swapping.

#88, Richard Few, Rockville, Maryland, (through Bill Eddings), WPE3DVQ. Richard seems to be somewhat of an electronics experimenter, as he uses a homebrew regen receiver! Along with his doublet and Lafayette KT-200, he is well set for the DX season. Rich has plans for tapesponding, so any other of our younger members may want to keep this in mind.

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Special-The first NASA special program will be presented over FM station WPBI-FM, on December 14, 1962!!!! See John Arthurs section for details, and don't forget to tune in if you are with-in reasonable distance!!

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Disappointing-The last weekend in October, of this year, was the time of the first NASA-CDXC contest. Very few NASA members new about it, as it seemed at the time best to wait until it was over, to inform the main body of the membership, as only 12 members from each club could participate. Type of contest was ham band. Which ever clubs team of 12 logged the higher number of countries, would decide the winner. Although we do not have the results from CDXC headquarters as yet, we think that CDXC has done, perhaps a little better than the NASA. Since we could not find 12 NASA members that were willing to participate, we could hardly expect to make a good showing as far as score goes. There was a trophy involved in the contest, the winning club getting it to keep at its headquarters for one year, at the end of which is held another contest to determine who will hold it for the next year. Each year the winning clubs name will be engraved on the trophy, at the expense of the losers. When all the engraving space is filled up, the club with the most wins on the particular trophy gets it for keeps! Also, at which time a new trophy is purchased and the cycle is started from the beginning. Next year we will have a MW contest, the members showing the most interest and support in their club, will be asked to participate! Here are the NASA results of the past contest. Richard Jennings, 15 points. Ron Geise, 5 points. Jeff Mazer, 29 Points, Curt Webber, 11 points. Allen McBride, no score. Rich Derrickson, no score. David Hailey, 25 points. Rich Orcutt, no score. There were no other participants. 85 points total. ~~Get~~ thanks to you who did take part!!!!

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Misc.- Please excuse incorrect date on frontal page of last bulletin, should have been November 1, 1962!....Don't miss January bulletin, it's a special issue....Club supplies now available, Writing paper, \$1.00 per pad of 100 sheets postpaid....Blank type QSL cards, 50/\$.35....Members rubber stamp, \$1.61, write, Gibson Co., 70 Oak St., Buffalo, N.Y.



## AN SWL's CHRISTMAS EVE

It was a beautiful night. Outdoors was covered with a freshly fallen snow and the air was crisp and clean. Church bells could be heard in the distant, even the singing of the caroleers as they made their rounds. What a wonderously peaceful night! What a night for DXing!

To his shack then did go our swl friend; To his "home" in his home where the world awaited his ear. A smile on his face and joy in his heart, he sit himself down at his listening post, flicked on his receiver, donned his earphones and waited for the warm-up. In a few minutes he was dialing the BCB, not digging for rare DX, but just being pleased in hearing the holiday messages and the christmas carols on nearly every frequency. Then to the ham-bands he went. Boy those ARO's were really yakking it up tonight! An OM from Florida in QSO with another in Connecticut were talking about the weather at their respective QTH's. The K4 wished he was in W1-land so he could appreciate a white Xmas and the W1 OM was complaining about the "white stuff" because his car was sitting outside almost covered with it. On another frequency an OM rigged up a phone-patch so that his neighbors son, who was in the airforce, could talk with his folks and express his holiday greetings. Yeah, the "hams" were right in there with the yuletide spirit.

After an hour or so, as the night was progressing, our buddy decided to flip to the SWBC bands....and so he did. Time really went by as he listened to the various stations from all over the world. It was good to hear almost all of them in complete accord with the christmas season. Carols sung and played in all languages, but still with the same wish for "Peace on earth, goodwill to men". But all of a sudden our swl got the urge to do some DX digging. From one SWBC band to another he went...not looking for anything in particular, but seemingly expecting something unusual. Soon he thought he found it, but the QRM was mighty rough; Still he kept trying to get his "hearing-aid" tuned for a better signal. Noting the frequency, he couldn't recall ever hearing any station there before and a quick check at his WRHB had none listed. How he wished he had one of the FB receivers like so many swls have...How he wished his antenna was higher/longer; Perhaps then he could pull this station in and ID it. But his receiver was old and inexpensive and his antenna a rather short piece of wire strung around his shack's ceiling. In the back of his mind he hoped ole St. Nick might do something about these things.

Time went by, but our buddy still set there trying to get a readable signal and all at once it happened.....All the QRM, even the slight QRN seemed to dissipate and from this un-ID'd station came the most beautiful music he had ever heard. Too he heard singing voices like those surely only angelic and he was lost in their beauty. Our swl buddy listened and listened, but never once did he hear any ID...nothing but the music and the singing.

In the wee hours of the morning, our friend was awoken by a voice....a voice callin his name. At first he was startled, but then he came to realize he had fallen asleep. His receiver hadn't even been turned on although he did have his earphones on. The voice he heard was that of his dad telling him to come downstairs. Before doing so, he checked the frequency his receiver was set at; He found it to be on none exactly...rather it was at the far end of the dial where no signals are ever heard. Strange he thought, yet well he knew that such music and singing as he heard, could never be mortal made. And as down the stairs he went, again to his face came the smile and to his heart, the joy.

WPE3BWL



\*\*\*\*SHORT NOTES (cont.)---The VOA has been beaming to Cuba the same seven daily half-hour programs that are broadcast to the USSR itself. The target?..those Soviet "technicians" helping out the brothers Castro.(UPI)

\*\*\*\*MICRO-TV---What's billed as "the World's smallest and lightest television set" is being marketed by Sony Corp. of America. The Micro-TV weighs 8 pounds, is 7 5/8 inches wide, 4 1/4 inches high, and 7 1/4 inches deep, about the same size as a desk phone. The all transistorized video set has a 5 inch picture tube and can be powered by AC current, by a 12-volt auto or boat battery, or a 4 lb. rechargeable battery pack costing \$39.95. Cost of the Micro-TV...\$229.00 (Another Japanese import that may prove to be stiff competition for U.S. manufacturers.-Ed.)

\*\*\*\*VOA LOTTERY---The VOA has been conducting lottery-type quiz to find out who listens to what around the world. Listeners send in name, age, occupation and favorite program. There's a drawing and winners receive transistor radios. From South Korea, 225,000 replies were mailed in; from Yugoslavia 18,000 and "Voice" officials got word that loads of mail were being burned by the Yugoslav government. Most listeners around the world are male. Gimmick was so popular that the USSR has started giving away radios, too. (via Richard Derrickson, Alexandria, Va.)

THINKING IT OVER (Some personal observations)---Above we made mention of a new Japanese transistorized TV and its possible effect on U.S. makes. I've been wondering...just how do the new transistor sets especially radios compare with those employing vacuum tubes? The former seem to be very popular...every new catalog brings new models or designs. Seemingly the public finds them to their liking. Many new models are out that have short-wave bands. Yet, after testing all major US and foreign-made transistorized SW sets the Consumers Union rated the majority of them as not up to the standards needed for reliable performance. Most sets tested lacked adequate sensitivity, selectivity, and fine tuning needed for satisfactory SW listening. A lack of these things could make SWling a big headache for anyone, and perhaps rapidly kill any spark of interest that a new listener was kindling in the hobby. It was not just one or two sets that failed to make the grade, but the majority! Only more expensive transistor sets like the Zenith Trans-Oceanic got a check of approval. So I wonder...is this new flooding of the market with cheaper SW sets a good thing...or is it doing a disservice to the hobby, in that the sets being sold are inferior in quality, and do not give the novice a true picture of what SWling is like and what a pleasure it can be? These are things I wonder about. Not being very familiar with these new, lower priced sets I can't give an honest opinion. I do know though that the Consumers Union has no axe to grind...they test a thing, and rate it honestly no matter who the manufacturer was. I'd like to know your opinions on this matter. Do any of you own a transistor SW set? How does it stack up along side vacuum tube models of similar cost?--I'd like to receive your comments or ideas. All of them will be printed in this section, as space permits.

NOTE--I'll be glad to translate or at least try to, any QSL card or letter you have in either French or Spanish. Only thing I ask is that you send along a self-addressed, stamped envelope or a 4¢ stamp, if you wish. Do you think we could start a translation service? Any of you guys know a second language and want to help out? Let me know! .....Well, that will have to be it for now. Best of everything to all. Until later, best of 73's!

--- FRIENDSHIP CORNER ---

NORTH AMERICAN SHORTWAVE ASSOCIATION

Bill Eddings, Editor 1521 Fifth Avenue Altoona, Penna.  
 N A S A DECEMBER 1962

The upcoming holiday season is one we all look forward to each year; it is a time of peace and goodwill. Wouldn't it be wonderful if we kept it in mind, not only during the season, but year-round? Surely out of friendships can come nothing but those many rewards from which we all benefit. The world today is filled with controversy between nations, even between fellow-men. Lately such is also becoming more and more evident between those hobbies related to radio. In the latter case, it seems that an element of ego involved is more pertinent than those elements most beneficial to those certain hobbies involved. For shame to and on us all!! Why can't we effort more understanding, more peace and goodwill? Why can't we appreciate another man's pasture isn't any less green than ours? Leave those gates between the pastures remain open, don't close them, lock them or destroy them! Don't build the fences higher, but rather try to find ways and reasons for taking them down. Let there be friendship so that those who come after us as future fellow-hobbyists, find cooperation, harmony and most of all, peace and goodwill. Let the holiday spirit prevail, not only during the upcoming season, but eternally!

\*\*\* CARD SWAPS \*\*\*

Have quite a list to "pound out" this time, so without further adieu, let's get to it! All profess or are considered to be 100% swappers and they all welcome your cards!!!!

- ARKANSAS WPE5BPQ Wayne Eastwood, 307 W. 24th Ave, Pine Bluff, Arkansas A,R,\*
- ARIZONA WPE7AOT Flip Gonsler, 1017 E. Glenrosa, Phoenix, Arizona A,R,\*
- GALIFORNIA WPE6AYE Bill Crook, 997 Capri Drive, Campbell, California A,R,X,Y,\*
- WPE6BEB John Rowbotham, 2512 Via LaSelva, Palos Verdes Estates, Calif. A,\*
- WPE6DIQ Don Erickson, 24360 Myers Street, Sunnymead, California A,D,R,\*
- WPE6EZ Art Russell, 5064 1/2 Narragansett St., San Diego 7, Calif. A,\*
- WPE6DLK Dick Kibsgaard, 1301 Hoag Street, Corning, California A,\*
- COLORADO WPE7AE John Beaver, 1706 E. 7th Street, Pueblo, Colorado A,R,\*
- CONNECTICUT WPE1RK Ed Woodford, 32 French Street, Seymour, Connecticut A,\*
- WPE1DJI Ed Drumm, 14 Dale Road, Wethersfield 9, Connecticut A,J,\*
- DIST. COL. WPE3BWM T/SGT. Dorsey Wood, Box A-2358 CMR, Andrews AFB, Wash. 25, D.C. A,\*
- GEORGIA WPE4CJR Walt Maxwell, Box 31, Calvary, Georgia F
- ILLINOIS WPE9EJF Joe Zeller, 2214 Winona Street, Chicago 25, Illinois A,\*
- WPE9DWH Bruce Levine, 688 Judson Street, Highland Park, Illinois A,\*
- IOWA WPE7BNG Mike Merritt, Rural Route #1, Montour, Iowa A,\*
- WPE7BZZ Danny Dunham, Rural Route #2, Tama, Iowa A,J,\*
- WPE7CLU John Reasoner, 703 Pammel Court, Ames, Iowa A,V,\*
- LOUISIANA WPE5AWS Will Finnin Jr., 1818 Chestnut St., New Orleans 13, La. A,H,\*
- WPE5NM Len Estorge, 5178 Marigny St., New Orleans 22, La. A,J,\*
- MAINE WPE1FO Charles Washburn, P.O. Box 226, Bangor, Maine R,U
- W1-SWL Jake Jacobs, P.O. Box 117, Anson, Maine A,S,\*
- MARYLAND WPE3AWJ John Sevier, 449 E. 28th Street, Baltimore 18, Maryland A,R,\*
- WPE3EA Bill Hutchinson, 2412 Ellis Road, Baltimore 34, Md. D,H,R,S,\*
- MASS'ETTES WPE1AGO Bill Sheppard, 32 Sycamore St., Roslindale 31, Mass. A,\*
- WPE1CSC Frank Lenzioszek, 54 Mout Tom Ave., Easthampton, Mass. A,R,U,V,\*
- WPE1IW Gene Molter, 10 Hawthorne Street, Needham, Mass. A,\*
- MICHIGAN WPE8FAO Jeff Stover, 25274 Kildare Road, Southfield, Michigan A,\*
- MISS'IPPI WPE5BW Gene McGahey, P.O. Box 206, Isola, Mississippi A,\*
- MISSOURI WPE7AM Chuck Wille, 631 East 60th St., Kansas City 10, Mo. A,U,\*
- NEBRASKA WPE7BLD Alan Anderson, 7908 Main Street, Ralston, Nebraska A,\*
- WPE7EB Don Stitt, P.O. Box 435, Hastings, Nebraska A,D,\*
- NEW HAMP. WPE1CMS Dick Bsaha, 17 Taylor Street, Salem Depot, N.H. A,D,\*
- WPE1TF Larry Ingalls, Box 7, Plaistow, N.H. A,\*

NEW JERSEY	WPE2FXM	Bob Kovarick, 16 Lizette Street, Garfield, New Jersey	A,*
	WPE2GLK	Bill Grace, 75 Queen Anne Road, Bogota, New Jersey	A,*
NEW YORK	WPE2AN	Errol Urbelis, 60 Boulevard, Greenlawn, Long Island, N.Y.	A,L,V,*
	WPE2EG	John Harvey, 4957 Creek Road, Lewiston, New York	A,*
	WPE2FAH	Gerry Klinck, 223 Potters Road, Buffalo 20, New York	A,*
	WPE2FGX	Dave Listort, 1332 Journal Avenue, Elmont, New York	A,*
	WPE2HXF	Max Sklar, 394 East 54th Street, Brooklyn, New York	A,V
NORTH DAK.	WPE0BNX	Larry Marshall, Box 291, Devils Lake, No. Dakota	A,*
OHIO	WPE8BNS	Hal Leifer, Rural Route #3, Navarre, Ohio	A,*
	WPE8BUG	Tom Yeager, 187 N. Washington Street, Tiffin, Ohio	A,*
	WPE8CUS	Tim Daum, Box 151 - Route 5, Portsmouth, Ohio	*
	WPE8DAO	Jerry Kosch, 5321 Banbury Street, Toledo 15, Ohio	A,*
OREGON	WPE7ALM	Scott Gray, P.O. Box 37, Coos Bay, Oregon	A,R,*
PENNSYLVANIA	WPE3BGC	Joe Zinno, 409 8th Street, Altoona, Penna.	*
	WPE3BJB	Len Gorney Jr., 15 W. Enterprise Street, Glen Lyon, Penna.	A,P,*
	WPE3BSI	Mike Serdy, 1804 Maine Street, Duquesne, Penna.	A,*
	WPE3CHO	Dave Stiffler, 704 Stanton Street, Greensburg, Penna.	A,*
	WPE3CLZ	Jeff Mazer, 4325 Glenlytle Road, Pittsburgh 17, Penna.	A,*
	W3-SWL	John Dickey, Little Shiloh Road, West Chester, R.D. #3, Penna.	A,*
	WPE3DYU	John Long, 626 Chestnut Street, Lebanon, Penna.	M
	WPE3OZ	Bill Stevens, 514 N. Second Street, Jeannette, Penna.	*
TENNESSEE	WPE4BNW	Glenn Poore, Box 142, Byrdstown, Tennessee	A,*
	WPE4DOR	Jim Courtney, 2230 Adair Avenue, Knoxville 17, Tenn.	A,D,*
	WPE4ENX	Dave Hailey, 1013 Graybar Lane, Nashville 4, Tenn.	A,*
	WPE4DKF	Odis Woodward, 2092 Evelyn Avenue, Memphis, Tenn.	A,O,*
TEXAS	WPE5AMW	Bob Glasscock, Box 719, Alpine, Texas	A,*
	WPE5AVL	Bill Moratto, 604 Beaumont, League City, Texas	A,*
	WPE5CDY	Jack Pritchard, 4336 Livingston, Dallas, Texas	A,*
	W5-SWL	John Hathaway, 4701 S. Milman Street, Amarillo, Texas	A,*
VIRGINIA	WPE4DLT	Dick Derrickson, 305 Jefferson Ave., Alexandria, Va.	A,*
	WPE4DXF	Bill Gimbel, Route #1, Culpepper, Virginia	R
VERMONT	WPE1DNM	John Stec, 11 Upland Road, Essex Junction, Vermont	A,*
WASHINGTON	WPE7ALN	John Quinn, 6756 Mars Ave. South, Seattle 8, Wash.	A,R,*
	WPE7ALO	Mike Callahan, 4318 7th St. South, Seattle 8, Wash.	A,R,*
WEST VA.	W8-SWL	Tom Martin, Route #2, Mannington, West Virginia	A,*
WISCONSIN	WPE9JN	Tom Mann, 1805 E. Elmdale Ct. (Apt. 6), Milwaukee 11, Wisc.	A,*
	WPE9DST	Dan Weinstein, 1134 Waban Hill, Madison 5, Wisconsin	A,*
ONTARIO	VE3PELQH	Rheal Lavoie, 333 Church St., Ancerville, Ont., Canada	A,*
ALBERTA	VE6-SWL	Lou Thoreson, P.O. Box 115, Ponoka, Alberta, Canada	A,*
P.E.I.	VE1PE6R	Micheal Lock, Box 1645, Summerside, Prince Edward Island, Can.	A,*
NEW BRUN.	VE1PE1M	Jim Wade, 9 Orange Street, Saint John, N.B., Canada	A,*
NOVA SCOT.	VE1-SWL	Bill Warren, 287 (267) Columbia St., Sydney, Nova Scotia, Canada	A,*
BRAZIL	PY1-13332	Emanuel Filho, P.O. Box 359, Niteroi, Rio de Janeiro, Brazil	L
GERMANY	DE-A-00442	Wolfgang Schumacher, AM-Steinmetz 13, Velbert-Rheinland, Ger.	L
	DM-1684/C	K. Heinz Klemme, 3a Malchow Imeckl, Gustrower Str. 20, Ger.	L
SOUTH WALES	GW3PELA	Glyn Redhead, 11 Kathleen St., Barry, Glamorgen, So. Wales	A,K,X,*
NORTH WALES	GW-10253	Len Lee, 9 Sea Terrace, Conway, Caernarvonshire, No. Wales	X
MARYLAND	WPE3DVQ	Dick Few, 1207 Parrish Drive, Rockville, Maryland	A,*

- Credits: A - Submitted direct      K - Bill Crook      R - Errol Urbelis  
 D - Ed Drumm      L - Frank Lenzioszek      S - John Arthur  
 (\*editor) F - Erik Kojie      M - Tom Mann      U - Jim Hines  
 H - Dave Hailey      O - Larry Marshall      V - Warren Anderson  
 J - Jim Courtney      P - Jim Ekblom      X - Bill Harris

NOTES & QUOTES.....Bill Hutchinson (in list) sez he will QRT his cardswapping once his present supply is depleted. He also forwards info that Jim Silk, Jim Tomkins and Jack Elias are no longer active.....I recently rcvd another bit of "Play International", this time it was for CBers only. SHEESH!!!.....Tom Mann (in list) passes word that Doug Herda, S.95th West, 13635 Ryan Road, Hales Corners, Wisconsin - would like to (cont'd)

hear from other DXers. Doug is not a swapper! He is 16. Here's a FB chance for making a new friend!!!.....We are very happy to know that Art Russell is up and out of the hospital. Matter of fact he is feeling so chipper that he has resumed his swapping. All the best to you OM!.....A hearty welcome to Neal Lavoie and Errol Urbelis (in list), two 100% swappers who join the ranks of NASA this month.....Another hearty welcome to Bill Harris of South Wales too! Billy-boy is our second foreign member in NASA (his QRA/QTH was in last month's bulletin!).....Ed Drumm and Jim Courtney (both in list) are co-ediotrs of the swap section for DX-U and although I have not seen any of their columns, I am sure they put out a FB job..Thats the kind of OM's they are!.....Understand that Barry Johnson, recent/former? swap editor of WMRC (is it still in operation?), has moved to North Carolina. If so, this means there are no active OM's in South Carolina and that means SAS is gonna be durn near impossible.....From "Mobile Willie" (Bill Crook) comes word that two of the GW3 lads are co-sponsoring a "S.A.E." (swapped all Europe) award, but since I am not certain of the complete facts at this time, I will hold off passing any info along. I'll have the full details in next months column. QRX!.....Tnx to John Harvey, future "Cadex" swap lists should prove to be even better than before, and more fully reliable too! (I knew you wasnt attending ole Niagara U. fer nuttin John. Hi!) Now if we could just get Labate to sort of join our efforts, eh?.....Warren Anderson, OVSWC swap editor, has a most worthy and very friendly idea in his "Catch-all" column; He lists books that he and members are willing to lend to anyone who pays forwarding and return postage. (Nice going OM!!).....And once again I have nothing to report on the KH6 YL, but she did send me her photo! Sure wish I was a distance swimmer! Hi! Right here is a good time to say aloha till next month or first thing I know I'll be plucking my ukeleleh er sumthin. Aloha!

\*\*\* TAPE TALK \*\*\*

A number of OM's have told me they expect lil' ole St. Nick to leave them a recorder this year. Others have sed they hope he will. Well I know it will be one gift you will really enjoy/appreciate in many ways, therefore I hope the ole boy does his best. I must say though, from the looks of the new yakkers who have sent me requests to be listed, seems like mebbe the jolly Mr. Claus may have made some premature visits. Any- way, here is the latest group and they all ask for 3" reels recorded at 3.75 ips.:

- |                |   |                    |
|----------------|---|--------------------|
| Jack Hathaway  | 4701 So. Milam Street, Amarillo, Texas    | Webcor "Regent II" |
| Jim Hahn       | 2423 W. 16th Street, Wilmington 6, Del.   | Webcor "Regent"    |
| Tex Hanson     | 2116 Market Street, LaCrosse, Wisconsin   | Ampex "960"        |
| Pete Bernstock | 2205 Davidson Avenue, New York 53, N.Y.   | Knight "4035"      |
| Tom Sherman    | 314 Fifth Avenue, Manistee, Michigan      | ?                  |
| Hugh Cameron   | Yukon Hostel, Box 389, Whitehorse, Yukon  | ?                  |
| Wes Benner     | 4233 Hurltel Avenue, Philadelphia, Penna. | Sony ?             |

(Not all these OM's are SWL's, some are ARO's, others just tapesponders; ALL however, do want to swap/exchange tapes. Remember to drop them a card or note before taping!)

Some OM's like to exchange "round-robin" tapes. This way they get to hear more than one OM on a reel and they themselves are heard by more than one. These are OK if you dont like to rag-chew. They are also FB if you and another swl here in the states want to send a tape to some OM overseas; It saves postage and time. You yak on track, your buddy yaks the other, then you mail it abraod....The OM over there yaks a reply back to each of you on the appropriate track. Dig? Works A-OK if you use a 5" reel of 1/2 mil or 1 mil tape recorded at 3.75 ips. This gives you a lengthy rag-chew and makes for a real nice QSO.....Tnx to our CDXC friends for their help in publicizing the Reel of Friendship in "Cadex". I am most grateful to them and to those CDXC members who have donated segments.....Johnny Kristofferson, Norway, member of the DXLC of that country, is starting a tapesponders club. Plans are not complete as yet, but he really has some good ideas. I'll keep you posted!.....Bruce Bloy, Evansville, Ind., is the tape section editor for the OVSWC bulletin.....Quite a few OM's have sent me their recorder data, but have asked that I do not list them because, for the time being, their school activities (highschool/college) takes up most of their time and would most likely QRM any tapespondences. Most of these OM say they will contact a

(cont'd)

few yakkers when time/situation permits. Present statistics show that one out of every seven NASA members has a recorder in their shack. . . . . If you are interested in a good book dealing with "How to make good tape recordings" (complete handbook for tape recorder owners), you can get one from Audio Devices Inc., 414 Madison Ave., New York 22, N.Y.; The price is \$1.50. . . . . Yours truly is presently working on a tape which will be broadcast over radio WPBI-FM, Danville, Illinois; For complete info as to time and date, see John Arthurs' MW/FM section in this bulletin. (Don't be surprised if some of you which have sent segments for the ROF, hear yourselves on this xmsn!!)

**TAPE TIPS. . . .** Recording DX, especially from the SWBC bands, can oft times be quite a problem because of the QSB; I myself have found that some of this can be overcome. The main thing, at the start, is to have your input volume (on your recorder) set at the level which records without distortion, the stronger signals on the band. Let the input level of your recorder set at that position. From then on, use only your radio RF gain control as the QSB may require while you are recording. Of course this takes some practice and some patience, but it is worth it if you ever plan to send taped reports to stations. Use a patch cord from the rcvrs speaker to the recorder, or from the earfone output (if your rcvr has one) to the recorder. (The latter of course would almost necessitate your recorder having a monitor switch because most rcvrs cut out the speaker when a plug is inserted in the earfone jack.) Find the station/signal you want to record. . . . start your tape. Keep your eye on the record level indicator and one hand on the RF gain of your rcvr so you can make adjustments as they are warranted. If your recorder has no electronic level indicator, you will have to "play it by ear" (and again this takes practice). I would suggest you use either 1/2 mil or 1 mil tape (1/2 mil preferably) when making taped reports. These thicknesses of tape give you more time and a longer monitor period. Record at least a half hour (never less than 15 minutes anyhow) of the program. If said program is from a station which does not broadcast in English. . . . DO NOT add any of your own comments on the tape (unless you can speak the language as per the broadcast). Always send a written report along with the recorded one! Sending recorded reports will almost always assure you of a QSL and a return tape with info and/or music on it. Radio Japan has even sent extra reels of tape in one instance! You can be sure, in the future, more and more stations will be asking/preferring recorded reports; So now is a good time to begin learning the technique of making good ones. Perhaps the WR&V handbook will include info as to the stations that want/accept taped reports. . . . this would certainly help us and no doubt all others concerned. The only thing against the taped report, as I see it, is the expense involved. Hi! So anytime you do send one, make sure it is worthy of a QSL! Too, since this is a rather new way of reporting, we need to cooperate with one another in every way possible. Let us know any/all info, facts, data you hear, see or know of that relates to recorded reports and stations wanting/accpeting them. We can all benefit if we work together as fellow-swls! . . . . . You determine the loudness of the signal you are recording by watching the volume indicator (some are neon bulbs, some are electron eyes, others are VU meters). Before attempting to make recordings that you hope will be FB, make practice test tapes at different volume levels (this is especially important if a recorder has the manual level indicator). Learn to correlate the indicator with the quality of the signal you get on the tape. Even with the most expensive gear, you need to practice to get the "all" out of it!

Since this is the "Holiday Edition" of the bulletin, I wish to take this opportunity to extend my very best to each and all members; May your Christmas be joyous and your New Year rewarding! To Mr. Robert Pendergast, Mr. Richard S. Roll and Mr. Paul Koessler, I send a special and sincere greeting, not only for the holiday season, but also out of sincere thanks and appreciation. Take it from me kind sirs, we of NASA hold you in highest esteem! . . . . . "Courtesy is an investment which pays regular dividends in friendship." . . . . . And so, until next month/year, from a valley of the Allegheny Mts. in southcentral Penna. comes wishes and hopes for the best to all!

"Peace on earth, goodwill toward men"

MERRY XMAS + HAPPY NEW YEARS!  
 Bill Eddings

INDONESIA - Voice of Indonesia  
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SHORT WAVE SECTION

NORTH AMERICAN SHORTWAVE ASSOCIATION

Richard Orcutt 1531 SW 28 CT FT. Lauderdale, Fla.

NASA PAGE 1 DEC. 1962

It certainly is nice to have the support you want and need to sustain the SW section. I'd like to thank those DXers who sent in tips this month. We have six reporters this time-5 members and one non-member. Thanks again to you guys. Of course, we can always use more.

Now to the reports. All times are GMT:

BRAZIL- Radio Record, Sao Paulo, hrd at 0110 on 11965 kcs w/Pt mx and ann.... Also Radio Nacional Brasilia on 11720 kcs at 0314 w/ classical mx. (Ed.) (Bispham)

BULGARIA- Radio Sofia hrd at 2338 on 9790 kcs w/operetta excerpts.

CANADA- Radio Canada is to have a DX pgm starting in Jan. (GALLAS)

CHILE- Radio Nuevo Mundo, Santiago, hrd at 0315 on 11740 kcs w/nx in Sp. (Ed.)

COLOMBIA- Radio Sutatenza, Bogota, logged at 2000 on 5075 kcs w/ vy gud sigs. (SCHULER) La Voz del Pueblo, Pereira, logged at 0200 on 5995 kcs during bk in xmsn of El Eco de Honduras which usually blocks out the strn. (Ed.)

GONGO REP.- Radio Brazzaville hrd at 1945 on 15190 kcs w/excellent sigs. (SCHULER) On 15190 kcs from 1900-2000 w/nx, mx and a French lesson. (GALLAS) On 11725 kcs at 2245 w/Fr mx & ann. S/off 2250 Excellent sigs. (Ed.)

REP. OF CONGO- Radio Leopoldville hrd from 0100-0400 on 11755 kcs w/Eng to West. Hemis. (DERRICKSON) (ROTH)

DOMINICAN REP- Radio Santo Domingo hrd on 11940 kcs at 2000. Harmonic?

ECUADOR- HCJB, Quito, noted at 0200-0430 on 11915 & 9745 kcs w/ rel pgms. (GALLAS)

EGYPT- Radio Cairo on 9475 kcs at 2200 w/Eng pgm. This is a slight move from 9495 kcs. (ROTH) Also on 17920 kcs at 1600 w/nx in Somali. (Ed.) Actually the name for this strn is The Voice of Africa.

ENGLAND- London hrd on 9580 kcs at 2230 and on 9500 at 2054 with Eng pgms. (BISPHAM)

FRANCE- RTF, Paris on 15245 at 1315 w/Eng to Far East. (Roth) On 9800 kcs at 2345 w/mx & ann. (BISPHAM)

GERMANY, EAST- Radio Berlin Inter logged at 1300 on 15210 kcs w/Eng to the Far East. (ROTH)

GHANA- Radio Ghana, Accra, hrd at 1445-1530 on 21545 kcs w/nx, comm, native mx and ann in Eng. Fair to gud sigs. (Ed.)

GUINEA, SPANISH- Radio Santa Isabella logged at 2035 on 6240 kcs. In the clear but w/some static. (ROTH)

INDONESIA- Voice of Indonesia, Djakarta, hrd on 9865 kcs at 1945 w/pgms in Eng. (SCHULER)

IRAQ- Radio Baghdad noted on 6100 kcs at 2130 w/ Eng. (ROTH)

IVORY COAST- Radio Abidjan logged from 1845-1915 on 11820 kcs w/nx & mx in Eng. (GALLAS)

KATANGA- Radio Katanga, Elizabethville, logged at 2015 on 11871 kcs in Eng. (SCHULER) Also hrd on 9540 kcs at 1915 in Fr. (ROTH)

MONACO- Transworld Radio noted at 1515 on 11780 kcs w/Russian-Ukr. Rel pgms. (ROTH)

MOROCCO- Radio Rabat hrd at 1900 on 15185 kcs s/on. (ROTH)

PHILIPPINES- FEBC, Manila, hrd at 1530 on 11850 kcs to India w/Eng Rel pgms. (ROTH)

ROMANIA- New sked of Bucharest: (For N.A. only) 0130-0230 on 15380, 9590, 9510, 7225, 7195, and 6190. 0300-0330 on all previous plus 9570. 0430-0500 on all previous incl 9570. (DERRICKSON)

SIERRA LEONE- SLBC, Freetown, noted on new fq 5980 at 2300 s/off (ROTH)

SOUTH AFRICA- Springbok Radio on 9525 fm 2030-2100 w/gud sigs (ROTH)

SPAIN- RNE, Madrid, hrd at 0545 on 9360 w/mx (HAILEY) On 9400 (9360?) at 2042 w/mx & Eng-Sp ID. (BISPHAM)

SWITZERLAND- Sked until May 3: (TO N.A.) 0130-0315 and 0430-0515 on 11865, 9535, and 6165 kcs. (DERRICKSON)

USA- WRUL, New York, logged at 2000 on 15380 w/Hit Parade. (GALLAS)

USSR- Radio Tblisi hrd at 2100 on 5040 kcs w/Rus N/Anth s/off..... Radio Tashkent will hold a New Year's Celebration on Jan 1 commemorating their 15th Anniversary on the air. Tapes of the xmsn are welcome. (ROTH) Radio Moscow noted at 0545 on 9800 and at 0100 on 7100 (7150?-ed.) both times w/nx. (HAILEY) Also on 9600 kcs at 0016 w/propaganda abt Cuba. (BISPHAM) Don't forget, gang, that each Soviet Republic that you hear (there's 15 of them) counts as a separate country for your log. (Ed.)

VIETNAM, SOUTH- VTVN, Saigon, hrd on 11950 at 1545-1600 s/off w/IS & Anth. Tentative logging only. (ROTH)

YEMEN- Radio Sanaah logged for a short time at 2000 on 5954 kcs in Arabic. (SCHULER)

#### CREDITS:

Detlef Schuler, Berlin, GDR + Rich Derrickson, Alexandria, Va.  
Tom Bispham, Haverford, Pa. + Alan Roth, Bridgeport, Conn  
Dave Hailey, Nashville, Tenn. (Non-Member)  
Martin Gallas, Springfield, Ill. Your Editor

We have a new QRA here. Effective immediately the new QRA is 1531 SW 28 CT., FT. Lauderdale, Fla. Just when some of you get the old QRA memorized, I go and switch it on you. Well, that's the way the signals skip. Hi.

Hope to hear from a whole bunch of youse guys for the January issue. Start off the New Year right. Report to the NASA SW Section. Deadline is December 10.

Best 73s es DX

*Rich*

-Rich

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MEDIUM WAVE SECTION  
NORTH AMERICAN SHORTWAVE ASSOCIATION

Vol. 2 - No. 3  
John T. Arthur, 3004 Watson Blvd., Endwell, N.Y.

TO start this section a slight bit differently this month, we'd like to note the appointment of our Assistant MW Editor. We felt it necessary to appoint one due to the lack of our time, and the increasing amount of work required by this section. At any rate, the new Assistant MW Editor is Steve Raiche, of 20 Oak Bluff Circle, East Longmeadow, Massachusetts. Please take note of his QTH, as you'll be needing it very shortly. Steve's duties will include the MW contest (later in this section) and some of the features that are forthcoming. He is also going to write an article for us on the timely topic of MWDX.

ATTENTION\*\*\*ACTUNG\*\*\*ATENCION\*\*\*(etc.) SEE PAGE 10!!

CONTEST.....CONTEST.....CONTEST.....

Here it comes! The biggest NASA MW contest ever! Prizes for the winner! Fun for all DXers who enter! SEE PAGE 10 !!

WHO can enter? Any member of the North American SW Association who has a working receiver.

WHEN is it? The contest will start officially at 0000 EST on January 15, 1963, and will end officially at 0000 EST on February 15, 1963. Logging may be done at any time of day, and there is no limit on the number of hours listened in one day, the receiver used, or the number of stations logged per day. SEE PAGE 10!!

WHAT will it cover? All loggings must be done between the previously specified dates, and all stations must be heard in the frequency range of 1400 - 1490 kc. This gives the active DXer several good frequencies to dig into. SEE PAGE 10!!

HOW do I enter? Begin listening as soon as the date comes for the contest to open, and set your logs up in the manner stated below. When the contest closes, send your logs immediately to:  
Assistant MW Editor/NASA  
20 Oak Bluff Circle  
East Longmeadow, Massachusetts.  
I will then tabulate the scoring, and the results will be given in the MW section no later than April.

HOW do I set up my logs? Set up your logs in the following manner:  
DATE TIME Station QTH kc. power miles from listener  
(EST) (to nearest 100)

HOW will the results be figured? The distance in miles from the listeners QTH will be divided by 100, and multiplied by a power multiplier. A 50 Kw station will get one point, 10 Kw - 2 pts, 5 Kw - SEE PAGE 10!!  
SEE PAGE 10!!  
SEE PAGE 10!!

Contest (con't)-

5 Kw - 3 pts., 1 Kw - 5 pts., 500 watts - 8 pts., 250 watts 10 pts.

SEE PAGE 10!!

EXAMPLE: Wls is 800 miles from my QTH, so the distance multiplier is 8. The power is 50 Kw, so the power multiplier is 1. Therefore, 1 x 8 is 8, so WLS would net me 8 points.

In addition to this there will be a handicap system. A receiver with 1 - 5 tubes (inclusive) in it will get a handicap multiplier of 2; 6 - 10 tubes will get a handicap of 1/2, over ten gets nothing. I use a 5 tube receiver, so my catch would be multiplied by 2 to give me a total of 16 points.

PRIZES? The winner will receive a beautiful certificate for framing, and will receive all the prestige he wants.

LET'S DIG THAT DX!!!!!!

Good luck,

Steve Raiche (acting as Assistant for John Arthur)

Good luck yourself, Steve. I'll be in there pitching to make sure you have to fight for first place. HI! Ed. We hope to see all of you participate in this effort. It is a credit to the club when there is an active membership. We hope to see poor Steve swamped with logs. Remember the QTH. Don't send them to me, send them to Steve.\*

FEATURE MW STATION OF THE MONTH-- This month we feature KNDE-1340, Aztec, New Mexico. In a letter from Robert H. Lewis of KNDE, the following was stated:

"KNDE transmits through a Gates BC-250T transmitter from 10700 EST (0930 on Sundays) until 2400. We were licensed on October 1, 1959, and began our present programming on June 11, 1962. Presently, we broadcast in Navajo from 0700 until 2000, and Spanish from 2000 until 2400. Our purpose in this type of broadcasting is to provide radio service to the Indian and Spanish people in the Four Corner area. Our listening audience is estimated at about 50,000. Our future plans include improving our programming, and increasing our power. We are presently in the process of changing over to a Gates BC-1T transmitter.

We have four Navajo people on our staff; announcers. They are three men and one woman. These people, plus our Spanish announcers, salesmen, etc., comprise our staff. Our programming is something like any other station....only in the Two different languages!"

Signed - Robert H. Lewis

EDITORS NOTE: KNDE, P.O. Box J, Aztec, New Mexico, is anxious for your reception reports. They operate on 1340 kc. and 94.9 Mc. If you have heard them your reports are welcomed at the afore-mentioned QTH.\*

NOTES-- Kudos to David & Joel Weiner of Montreal, P.Q., Canada, for qualifying for the NASA MW awards. That makes three successful triers in the bunch. We'll really have to get on the stick. SEE PAGE 10!!

**CORRECTION**-- Last issue we gave a plug to the Jones Listings, and quoted the price as being \$1.00. We stand corrected. We have since heard from a SWL who set us straight. The next issue, when released, will cost \$2.00! It still should be well worth it. We are going to get one of the new issue as soon as we can afford it. (Thx Bill Hutchinson-Baltimore). We might go on and suggest the Radio-TV Experimenter to you as well. This magazine now publishes the White's Radio Log in the back, which lists MW/FM/TV and SW stations as well. We haven't used a White's here in several years, but when we did, it was pretty good. It costs 75¢ at your local newsstand, and it is on the market now. (Thx Frank Lendzioszek-Easthampton)

**NOTES**-- The NASA MW award is now available to any DX who can qualify for it. The only difference is that the charge to members is 50¢, and the charge to non-members is 75¢. Make money orders payable to: John T. Arthur. Cash is not recommended, but, of course, it is acceptable. HI! Please note: The Ass't MW Ed. does not handle this department. Do not send your QSL's to him, as it will only result in delay and increased expense. \*

**MW QSL SCOREBOARD**-- This listing is open to any NASA member who wishes his MWDX tally posted. Please use the following format:

	Stations hrd/total QSLs	states QSLed/countries QSLed	BEST DX
Now on to this month's listings:			
R. Derrickson-	103/2	23/8	(verified??) ?
L. Marshall -	370/46	37/3	Radio-Swan
S. Raiche -	500/210	37/?	KPCA
L. Bassett -	300/?	37/6	CJOC
R. Orcutt -	485/47	18/9	CFRN
W. Willis -	684/506	44/9	HLKI
J. Arthur -	365/44	21/4	KFI

There they are. Things are really picking up. Keep up the FB work.

**QSL INFO**-- The following information was sent to us by various of the membership, and we thought it pertinent enough to feature.

- BY CARD:** WFAA-Dallas, Texas - 2 weeks  
 WLAC-Nashville, Tenn- 3 weeks  
 WQAM-Miami, Florida - 1 week  
 WIS-Columbia, S.C. - 1 week  
 YNOL-Managua, Nic. - 2 weeks  
 CHNS-Halifax, N.S. - 2 weeks  
 CBE-Windsor, Ontario- 1 week  
 CBF- Montreal, Quebec- 2 weeks  
 CJBC-Toronto, Ontario- 1 week (all from Bill Eddings)  
 WTOP-Washington, DC - 5 days  
 WDBJ-Roanoke, Virginia- 24 days (both Ed.)

- BY LETTER:** KSTP- Minneapolis, Minn. - 5 days  
 ZNS- Nassau, Bahamas - 3 weeks (Both Bill Eddings)

**HELP!!**-- Bill Eddings would like to know whether WBRY, Waterbury, Conn. QSLs. If you have received a QSL from them, please pass along info and name of signer to Bill and myself. We would like to know whether WNDB in Daytona Beach, Florida QSLs. Please let us know if you have any knowledge of this. We would also appreciate any info anyone may have on a WQIZ. It isn't listed in our Jones Listing, but then not too much is. We're still using a 1960 edition. \*

SEE PAGE 10!!

**CURRENT STATION REPORTS**-- The following listing is of the latest MWDX reports received here. We'd like to see your results listed. All times are 24 hour EST.

- ALABAMA**-- WATM-1590, Atmore, hrd 0555 under WOKJ. Weak. (Willis)
- ARKANSAS**-- KARK-920, Little Rock, hrd 0017 w/ gud sigs. (Orcutt)  
KPCA-1580, Marked Tree, hrd at s/off w/ weak sigs. Much QRM. (Raiche)  
KLRA-1010, Little Rock, hrd 0030 w/ pop. tunes & college football scores. (Eddings)
- CALIFORNIA**-- KFI-640, Los Angeles, hrd 2050 w/ NBC nx. KNBC-680, San Francisco, hrd 2040 w/ NBC nx & Broadway mx. KCBS-740, San Francisco, hrd 0620 w/ nx. KGO-810, San Francisco, hrd 2324 w/ mx. KPAY-1060, Chico, hrd 2200 w/ nx & mx. KFAX-1100, San Francisco, hrd 1948 w/ mx & religion. KHSL-1290, Chico, hrd 2227 w/ wx & mx. KSRO-1360, Santa Rosa, hrd 2210 w/ mx & wx. KEEN-1370, San Jose, hrd 0731 w/ mx. (Gregory)
- COLORADO**-- KGLN-980, Glenwood Springs, hrd 0240 w/ FC. KGIW-1450, Alamosa, hrd weakly under KZIP. KDAB-1550, hrd 0800 s/on. (Willis)
- DISTRICT of COLUMBIA**-- WTOP-1500, hrd on Sunday weakly, w/ heavy KSTP QRM. (Willis) Hrd here most of day, some QRM from WJBK, Detroit, arnd 1530. (Arthur)
- FLORIDA**-- WFLA-970, Tampa, hrd 0530 s/ on. (Willis) WINZ-940, Miami, hrd 0215. (Bassett) WQAM-570, Miami hrd 0345 w/ singing ID & mx. (Hutchinson)
- GEORGIA**-- WGLS-1580, Columbus, hrd nightly 0400-0530 w/ gud sigs. (Willis)  
WTOG-1290, Savannah, hrd 1730 w/ fair sigs. (Derrickson)  
WYZE-1480, Atlanta, hrd at morning s/on. WRDW-1480, Augusta, a Negro station logged with gud early AM sigs. (Raiche)
- HAWAII**-- KHVH-1040, Honolulu, hrd arnd 0400 on Sun. w/ fair sigs. KNDI-1270, Honolulu, hrd 0200 to 0400 s/off w/ gud to fair sigs nightly. (Willis)
- IDAHO**-- KRPL-1400, Moscow, hrd on a Mon. w/ a special prgm. (Willis)
- ILLINOIS**-- WHEF-1270, Rock Island, hrd fair to gud arnd 0530. (Willis)  
WKID-1580, Urbana, hrd strong w/ little QRM. Tuned from 1715 to s/off at 1745 w/ R'n'R mx. They are a 250 watt, regular signers here, and verified promptly. WBBA-1580, Pittsfield, a 250 watt daytimer, heard here weak w/ much QRM. S/off at 1800 w/ Anthem. Last winter WBBA was a regular signer here in Mass. Reports wanted. (Raiche) WEAW-1330, Evanston, hrd 1855 w/ gud sigs. (Derrickson)
- INDIANA**-- WOWO-1190, Fort Wayne, hrd 1830 w/ wx/nx/pop mx. Gud sigs. (Lendzioszek)
- IOWA**-- WHO-1040, Des Moines, hrd 0045 w/ rebroadcast of Wisc/Lowa pigskin game. (Eddings) KWNT-1580, Davenport, a 500 watt weak at local sunset. Is fairly regular, usually under GBJ, during

Nov.-Feb. Country, mx before 0500. Will not verify any reports at all. KCHA-1580, Charles City, another 500 watter. Very weak and irregular at local sunset. Best arnd Nov. (Raiche)

**KANSAS**-- KFH-1330, Wichita, hrd w/ little QRM/QRN, but weak. Usually before 0400, hardly ever at night. (Raiche) WIBW-580, Topeka, hrd 0605 on Mon. KVGB-1590, Great Bend, hrd 0700 s/on w/ gud sigs. (Willis)

**KENTUCKY**-- WBVL-950, Barbourville, hrd 0510 w/ FC. Had fair sigs. (Willis) WPKY-1580, Princeton, hrd 1730 s/off. Weak w/ much QRM. WWKY-1380, Winchester, hrd 1730 s/off. Worse conditions than WPKY. WPKY a 250 watter, WWKY a 1000 watter. (Raiche) WAVE-970, Louisville, hrd 0003 w/ gud sigs. (Orcutt)

**LOUISIANA**-- KDLA-1010, De Ridder, hrd 0550 w/ FC. Fair sigs. (Willis) WWL-870, New Orleans, hrd 2205 w/ sports. (Gregory)

**MAINE**-- WJAB-1440, Westbrook, hrd 0400 s/on, covered almost immediately by WGCB s/on. (Bassett)

**MARYLAND**-- WMHI-1370, Braddock Heights on w/ gud sigs in clear 0304 on Oct. 22 for NRC DX. (Bassett) WFMD-930, Frederick, 1737 w/ poor sigs. (Derrickson) Hrd 0500 s/on. (Hutchinson)

**MICHIGAN**-- WGAR-1130, Detroit, hrd 1235 w/ am/R'n'R. mx. (Eddings) WCRM on 990, Clare, hrd 0230 w/ FC. (Willis) WJBK-1500, Detroit hrd in NY occasionally arnd 1530-1730. (Arthur)

**MISSISSIPPI**-- WBKH-950, Hattiesburg, hrd 0505 s/on w/ gud sigs. (Willis) WOKJ-1590, Jackson, hrd 1930 s/off during Oct. Rated at 5000 watts. (Raiche)

**MISSOURI**-- KFRU-1400, Columbia, hrd 0300-0400 w/ fair sigs. KADY-1460, St. Charles, hrd 0530 s/on strong on Mon. (Willis) KMOX-1120, St. Louis, hrd 0720 w/ Sport Time. (Lendzioszek) KGCM-1580, Columbia, a 250 watt daytimer, hrd w/ fair sigs and much QRM at 1800 s/off. (Raiche)

**MONTANA**-- KUDI-1450, Great Falls, hrd under KTIP Mondays at 0300-0500. (Willis)

**NEBRASKA**-- KMMJ-750, Grand Island, hrd 0715 w/ fair sigs. (Willis) WOW-590, Omaha, hrd 0300. (Bassett) KOIL-1290, Omaha, hrd regularly, weak, usually before 0400. (Raiche)

**NEW JERSEY**-- WPAT-930, Paterson, hrd 0600 under WKY rarely. (Willis)

**NEW MEXICO**-- KLMX-1450, Clayton, hrd 0240 w/ FC under KTIP. (Willis)

**NEW YORK**-- WGY-810, Schenectady, hrd 0600 in the clear w/ gud sigs. (Willis) WLIB-1190, New York, hrd 1630 w/ Editorial. Uses slogan "Voice of Liberty". Plenty of QRM. (Lendzioszek) WHCU-870, Ithaca, hrd 1725 w/ J.S. Barnes Co. commercial & "Newsreel of the Air". WSAY-1370, Rochester, hrd 1830, w/ FD and Sunoco Headline Ads. (Eddings)

N.Y.-- WVCU-870, Ithaca, hrd 1730 w/ Sports mx until buried by WWL at 1742. (Hutchinson) WGR-550, Buffalo, hrd 1735 w/ poor sigs. (Derrickson)

NORTH CAROLINA-- WBT-1110, Charlotte, hrd 2000 w/ "Flight Facts". Then "The World Tonight" from CBS. (Lendzioszek) WSDC-1560, Mocksville, on w/ fair sigs at 0401 for NRC DX on Oct. 29. (Bassett) For a real DX challenge try for 500 watt WILK, Taylorsville, testing at 0300 w/ gud QRMless sigs on 1570. Hrd last summer. (Raiche) WILK-1570, Taylorsville, hrd 0500-0530 w/ poor-to-fair sigs (Willis) (How's that for response, Steve? Ed.)

NORTH DAKOTA-- KUTT-1550, Fargo, hrd testing 0300 s/off. (Raiche)

OHIO-- WING-1410, Dayton, hrd 0400 Tues clear, usually under KRIG. WHK-1420, Cleveland hrd weak arnd 0430. WADG-1350, Akron, hrd 0330 w/ fair sigs. (Willis) KYW-1100, Cleveland, hrd 1930 w/ "Decision 62" mx, KYW nx/wx, political talk. (Lendzioszek) Hrd in N.Y. vy weakly 1938 w/ R'n'R mx, heavy QRM/QSB. (Arthur) WDLE-1550, Delaware, hrd w/ much QRM at local sunset. (Raiche) WHLO-640, hrd 1700 w/ nx, followed by Elvis Presley and similar type vocalists. (Hutchinson) WAKR-1590, Akron, hrd 1838 w/ R'n'R mx, fair sigs, some QRM. (Arthur)

OKLAHOMA-- KELR-1460, El Reno, on at 0301 w/ gud sig for NRC DX on Oct. 29th. KMAD-1550, Madill, on at 0430 for NRC DX on Oct. 29th, severe QRM from KXEL-1540 and WRSJ-1560. (Bassett) KWCO-1560, Chichasha, hrd at 0700 s/on. (Willis)

OREGON-- KWAY-1570, Forest Grove, hrd 0420 ex sigs on ET. KASH-1600, Eugene, hrd at 0300 s/off Mon, w/ ex sigs. (Willis) KOAC-550, Corvallis, hrd 2225 w/ Eashington report & SS plan. KUGN-590, Eugene, hrd 2245 w/ mx. KWIL-790, Albany, hrd 0127 w/ religion KGRL-940, Bend, hrd 1055 w/nx/wx/mx. KABY-990, Albany, hrd 1130 w/nx/mx. KEED-1050, Springfield, hrd 1614 w/mx & "Memo from Mary". KBND-1110, Bend, hrd 1653 w/mx. KAPT-1220, Salem, hrd 1825 w/mx/sports/wx. KGRO-1230, Gresham, hrd 2108, w/mx/sports. KFLY-1240, Corvallis, hrd 2050 w/nx. KMCM-1260, McMinneville, hrd 1714 w/sports/mx/wx. KSLM-1390, Salem, hrd 1205 w/mx/sports. KGAY-1430, Salem hrd w/mx/sports. KORE-1450, Eugene, hrd 1640 w/mx/ACS show. KBZY-1490, Salem, hrd 1745 w/mx. KPIR-1500, Eugene, hrd 1000 w/nx. KTEL-1590, Tillamook, hrd 1800 w/nx/wx/mx. KOHI-1600, St. Helens, hrd 1125 w/mx/nx. (Gregory)

PENNSYLVANIA-- KDKA-1020, Pittsburg, hrd 0220 w/mx/wx. (Gregory) WRYT-1250, Pittsburg, hrd 0418-0425 Mon. w/WREN off. WGMB-1460, Harrisburg, hrd 0430-0500, Mon. w/ heavy QRM, weak. (Willis) WSBA-910, York, hrd 1825 w/politics/anmt/Football contest info. WKVA-920, Lewistown, hrd 1530 w/ pop tunes/time check/commercial. (Eddings) WHOL-1600, Allentown, a 500 watt daytimer, hrd at local sunset. WSHP-1480, Shippensburg, a 500 watt daytimer hrd w/ much QRM at AM s/on. WEEZ-1590, Chester, hrd in early AM. A 100 watt. (Raiche) KDKA-1020, Pittsburg, hrd here in N.Y. 1832 on Nov. 8th. Was vy badly QRMed by an SS, to the extent of being almost unreadable. (Arthur)

TENNESSEE-- WGM-1380, Millington, a 500 watt, hrd packing a beautiful note for 30 minutes and taped, before fade at 0400. Perfect sigs, slight QRM, no QRM at all. (Raiche)

TEXAS-- KLRD-1080, Dallas, hrd 0100 w/ nx/American Airlines commercial. (Eddings) KPSA-550, San Antonio, hrd 0400 Sun under KAFY w/ fair sigs. KXYZ-1320, Houston, hrd 0400-0500 Sun., ex w/ KCPX off. KCB-1590, Lubbock, hrd 0750-0800 w/ gud sigs. (Willis) KCUL-1540, Fort Worth, hrd 1918 w/ Houston Colts game. QRM from ZNS. (Orcutt)

UTAH-- KLO-1430, Ogden, hrd 0400 w/ severe QRM, mainly from CKFH. Hrd w/ local nighttime s/off. KCPX-1320, Salt Lake City, hrd early AM w/ fair sigs & much QRM. Nighttime s/off at 0400. This is a 5000 watt station. (Raiche)

VIRGINIA-- WLEE-1480, Richmond, hrd all night. (Raiche) WDVA-1250, Danville, hrd 0426 s/on Mon. w/ gud sigs. (Willis) WNVA-1350, Norton, hrd w/ fair sigs. (Derrickson) WDBJ-960, Roanoke, hrd 2010-2030 w/nx/ID/school pgrm/mx. Poor to fair sigs. Verified promptly. (Arthur)

WASHINGTON-- KXA-770, Seattle, hrd battling it out w/ KOB from 0800 until sunrise. (Willis) KVL-570, Seattle, hrd 1425 w/nx/mx. KEPR-610, Pasco, hrd 2255 w/nx/mx. KGDN-630, Edmonds, hrd 1015 w/nx/mx/morning chapel. KIRO-710, Seattle, hrd 2145 w/mx and time check. KJR-950, Seattle, hrd 1950 w/nx/mx. KOMO-1000, Seattle, hrd 1728 w/mx/nx hdlines. KAYO-1150, Seattle hrd 2245 w/mx. KRAM-1270, Longview, hrd 2155 w/The World Today. (Shudder. Ed.) KOL-1300, Seattle, hrd 2305 w/mx/nx/sports/Gary Todd show. KRKO-1380, Everett, hrd 1005 w/nx/mx. KELA-1470, Centralia, hrd 1770 (??) w/nx/mx. (Gregory)

WEST VIRGINIA-- WCST-1010, Berkeley Springs, hrd 1400 w/ local high school football game. (Eddings) WETZ-1330, New Martinsville, hrd 1740 w/ fair sigs. WMMN-920, Fairmont, hrd 1900 w/ poor sigs. (Derrickson)

WISCONSIN-- WTTN-1580, Watertown, hrd 1855 w/ fair sigs. (Derrickson) WKBH-1410, La Crosse, hrd 0530 s/on Tues w/ gud sigs. (Willis)

WYOMING-- KTWO-1470, Casper, hrd 0315 FC, fair sigs w/XESM QRM. (Willis)

CANADA\*\*\*CANADA\*\*\*CANADA\*\*\*

ALBERTA-- CJCA-930, Edmonton, hrd 0742 w/mx/sports/nx. CJOC-1220, Lethbridge, hrd 2215 w/mx/sports/football game. (Gregory)

BRITISH COLUMBIA-- CKWX-1130, Vancouver, hrd 1630 w/nx/stock rpt/mx. CKDA-1220, Victoria, hrd 0700 w/nx/mx w/ Jerry Craft, DJ. (Gregory) CHUE-1570, Nanaimo, hrd 2200-0200, fair to good every night. (Willis)

MANITOBA-- CBW-990, Winnipeg, hrd 0013 w/time check/pop mx. (Eddings)

- NEW BRUNSWICK**-- CHSJ-1150, St. John, hrd 0500-0530 w/country-western mx (Hutchinson)
- ONTARIO**-- CKFH-1430, Toronto, hrd 0400 w/mx/Percy Faith mx. (Hutchinson)  
 CHML-900, Hamilton, hrd 1812 w/People's Credit Jewellers comm-  
 ercial/anmt/ID/sports at 1815. (Eddings) Hrd 0300-0400 weak  
 and under CJVI. CFRB-1010, Toronto, hrd 0400-0500 Mon. w/  
 fair to gud sigs. (Willis) CKOT-1510, Tillsonburg, hrd 1743  
 on Oct. 17 w/shutdown. QRM from WNEX and WLAC. CKSO-790,  
 Sudbury, hrd 1955 w/mx/ID. Heavy QRM/QSB. (Arthur)
- QUEBEC**-- CBM-940, Montreal, hrd 1930 w/"Assignment", 2000 w/"Radio  
 International", which was taped in Hungary. (Lendziuszek)  
 CKVM-710, Ville Marie, hrd nightly w/ French programming under  
 and constantly QRMing WOR, N.Y.C. (Luyster)
- SASKATEWAN**-- CFQC-600, Saskatoon, hrd 0300-0500 w/fair sigs. CKCK-620,  
 Regina, hrd 0400-0500 Mon. w/ fair to gud sigs. (Willis)
- COLOMBIA**-- HJkl-610, Bogota, hrd 0530-0630 Mon. fair w/ QRM. HJBI-840,  
 Santa Marta, hrd 2200-2400 most evenings, gud sigs. HJAF-  
 922, Cartagena, hrd 0600-0630 Mon. w/ gud sigs. (Willis)
- CUBA**-- CMQ-630, Habana, ex Mon. 0500-0600. CMHQ-640, Santa Clara, hrd  
 weak Mon. 0500-0600. GMBZ-830, Habana, weak to fair w/WCCO QRM  
 2300-2400. (Willis)
- NETHERLAND WEST INDIES**-- PJA5-1435, Oranjestad, Aruba, hrd 1900-2130,  
 in English and Papiamentu. This is Radio  
 Kelkboom. PJA6-905, Oranjestad, Aruba, hrd  
 1945-2000 w/mx in English. This is Radio  
 Victoria, and they have moved from 920.  
 (Orcutt) PJA6 hrd from 1900 w/religious pgrms  
 in English. (Hutchinson)
- HAITI**-- 4VE-1035, Port au Prince, hrd nightly 1900 w/Fr. & English, most  
 religious. Also Haitians on 1325 and 1385 weak in French arnd  
 1900. (Hutchinson)
- HONDURAS**-- HRVW-1183A, San Pedro Sula, hrd 0000 w/ poor sigs. This is  
 La Voz de Centro America. (Orcutt)
- JAPAN**-- JOBK-670, Osaka, hrd 0400 Mon. JOIB-750, Sapporo, ex & usually  
 over WSB 0300-0700. JOBB-830, Osaka, weak on Mon 0500-0530.  
 JOLB-870, Fukuoka, hrd 0400-0500 Mon. w/ gud sigs. JOKR-950,  
 Tokyo, strong Mon. w/KIMN off 0430-0600. JONR-1010, Osaka, hrd  
 0300-0500, fair most AMs. JOHB-1090, Sendai, fair on Mon. 0400-  
 0500. JOQB-1190, Niigata, fair w/KLIF QRM Mon. JOOR-1210, Osaka  
 strong on Mon. 0550-0615. JOHC-1220, Kochi, and JOQC-1220,  
 Morioka, under XEB at 0500. JOLF-1310, Tokyo, weak, under KDIA  
 on Sun. 0500-0600. JOJB-1390, Kanazawa, hrd fair w/KCBC QRM  
 0400-0600. (Willis)
- KOREA**-- HLKI-880, Taejun, weak w/JO QRM 0530-0600. HLCA-970, Seoul,  
 ex 0400-0600 Mon. (Willis)
- MEXICO**-- XEN-695, Yucatan, hrd 0100 w/ classical mx, gud sigs. (Orcutt)

//SEE PAGE 10!!//SEEPAGE10//PAGE10!

SEE PAGE 10 // SEE PAGE 10 // SEE PAGE 10 // SEE PAGE 10 // SEE PAGE 10

EPH-590, Mexico City, hrd 0006 w/ fair sigs. XEWK-1190, Guadalajara, hrd 0013 w/ fair sigs. XIEFB-630, Monterrey, hrd 0024 w/ poor sigs. (Orcutt) XETRA-690, Tijuana, hrd 0750 w/nx (Gregory). (NOTE: XETRA has studios in U.A., and is a full nx station. Ed.)

PUERTO RICO-- WRSJ-1560, s/on in Eng. at 0433 then into Sp., gud sigs. (Bassett)

PORTUGAL-- CSB5-1578, Porto, hrd nightly from as early as 1800. CSB9-782, Miramar, hrd from 1800. (Hutchinson)

CREDITS-- for this real FB accumulation of 39 states and 11 countries go to:

William Hutchinson-Baltimore, Md. Rx-HQ-180  
 Frank Lendzioszek-Easthampton, Mass. Rx-SX-42/S-107  
 Bill Eddings-Altoona, Penna. Rx-portable transistor (cheech!!)  
 Neal Gregory-Portland, Oregon Rx-SX-110  
 Larry Bassett-Royal Oak, Michigan Rx-Zenith Transoceanic  
 Richard Orcutt-Fort Lauderdale, Florida Rx-HQ-100AC/Magnavox  
 Ronald Luyster-Flushing, Ohio Rx-Airline GSL-1079A  
 Richard Derrickson-Alexandria, Virginia Rx-RCA T-50  
 William Willis-La Crescenta, California Rx-HQ-180  
 Steve Raiche-East Longmeadow, Massachusetts Rx-S-38E  
 John T. Arthur-Endwell, New York Rx-KF-320/RCA A-106

MW NEWS & COMMENTS-- Rich Orcutt pass the info that KTHS, Little Rock, Arkansas has a new call - KAAY.. Ron Luyster passes the info that WWVA has dropped GBS programming and picked up ABC, and that WOMP has dropped MBS and joined CBS. A vicious cycle, eh what? Ron also inquires as to the QRG of the MW outlet of "La Voz Anti-Communista de America", it was listed as 1550 kc. Their announced mailing QTH is P.O. Box 1624, Miami 1, Florida.. Rich Derrickson has an Unidentified for us. On or about 1140 at 2307 on Nov. 2nd w/ poor sigs -- an SS. Any info?? I also have one -- on 1020, chopping up KDKA on Nov. 8th at 1832, faded by 1845. Data appreciated.. Bill Hutchinson notes that TAs are also coming in on 1466-Monte Carlo; 1586-Oldenberg, Germany (both arnd 0100), 845-Rome; 935-Morocco; 818-Cairo (during early PM). Anyone logged these yet?.. Bill also sends data that WCAW and WKWK in West Virginia became MBS affiliates in October.. WSM has applied for construction permit for a Xmtr w/ 750 kw -- asking for a waiver of rules.. Nothing like a little more QRM.. The FCC has comended the eight MW and two SW commercial outlets that have been carrying VoA programming since the Cuban crisis began. Some that I've noted are WWL, WSB, WCKY, WHN, anyone got any more?? SEE PAGE 10!! WMAL-630, Washington, D.C. is complaining that CMQ is not complying with its agreements with the North American Regional Broadcasting Agreement members. This has become evident by way of ever increased QRM from CMQ.. WMAL suggests that they might have to apply for a new frequency.. We are no longer running the MWDXer PROFILE feature in this section. Perhaps in the future it may be picked up by Ron Luyster, or someone else.. The MW award has been obtained by another DXer. Jerry Drott of Smithville, Tennessee receives your kudos. One word about the award. When applying for it, PLEASE SEND A LIST OF ENCLOSED CARDS/LETTERS! I'd hate to send back one card short. SEE PAGE 10 // SEE PAGE 10 // SEE PAGE 10 // SEE PAGE 10 // SEE PAGE 10!

**ATTENTION!! ACHTUNG!! ATENCIONE!!**

We are privileged to announce the first NASA DX program ever!! It will have a limited audience, perhaps, but it may well prove to be the biggest step taken by NASA! The info is as follows:

WHEN? December 14, 1962 at 0200 EST  
 WHERE? WPBI-FM, 102.1 mc, 4500 watts E.R.P.  
 WHAT? The program will be a tape recording made by Bill Eddings of Altoona, Penna., our Card/Tape Editor. It will be set up as follows:

- 0200- s/on
- 0201- NASA DX tape
- 0219- Tone signal
- 0220- NASA DX tape
- 0239- Tone signal
- 0240- S/off

HOW DO I REPORT? Your reports should be sent to the following QTH:

WPBI-FM  
 c/o Mr. Bud Sunkel  
 214 Boiling Springs Road  
 Danville, Illinois

Your reports are wanted, and will be confirmed! The program is for the benefit of all SWLs and SWL clubs!! If you even think you can hear WPBI-FM, do tune in. And then report to this section as well as the station -- we'll make an exception in this case and print FM reports -- but only of this station!! GOOD LUCK!!

\* \* \* \* \*

NEWS-- You may well be interested in other DX programs. These came to us via Bill Hutchinson.

DATE	CALL	FREQ.	QTH	POWER	TIME	TYPE
Nov. 26	WFAU	1340	Agusta, Me.	250	0200-0245	NRC DX
Nov 26	KIFG	1510	Iowa Falls, Ia	500	0330-0400	Test
Nov 26	WCDS	1440	Glasgow, Kent.	1000	0400-0430	Test
Nov 26	WVOH	920	Hazlehurst, Ga	500	0430-0500	Test
Dec. 2	WELF	1330	Bellefonte, Pa	500	0400-0500	NRC DX
Dec. 4	KSHA	860	Medford, Ore.	1000	0301-0430	PP/T
Dec. 10	CKUA	580	Edmonton, Alta	5000	0300-0500	NNRC DX
Dec. 10	WBUC	1460	Buckhannon, W.Va	1000	0330-0400	Test
(Dec. 14	WPBI	102.1	Danville, Ill.	4500	0200-0240	NASA DX)
Dec. 17	XEYC	1460	Juarez, Chih.	1000	0330-0530	NRC DX
Jan. 26	LZD	1000	Tauranga, N.Z.	10000	0500-0507	NZDXRL

Lots of luck, and if you hear any of these, pse report on them. We'll be more than happy to list your results. I imagine the stations will be, too.

MORE NEWS-- Bet you never thought I'd get through with the reports, did you? I was beginning to think the same thing! Our feature DX station of the month info is coming in, and we'd like to take this tag end to tell you what's up-coming in the future. In January the station will be WTYM, in East Longmeadow, Mass. In February, a real DX catch for most of us, WPOR, Portland, Oregon. If you have any ideas as per a station to feature, pse let us know. Steve Raiche is now in charge of this department, so send all info to him. Pse do NOT write to the stations yrself, as that would entail too much expense and work on all ends. Just send call & QTH to Steve. BEST OF ALL es gud DX!

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HAM BAND SECTION

NORTH AMERICAN SHORTWAVE ASSOCIATION  
Lavoyd Kuney, Editor 7618 Beaverland Detroit 39, Michigan

Time - 24 hour GMT

Deadline 10th each month

N A S A

Page One

Dec. 1962

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I wish to take this opportunity to introduce myself as your new Editor for the Ham section of North American Shortwave Association. I will endeavor to make this an interesting and helpful section for all concerned, but this is new to me as I have never edited a section of any type before. Therefore, I must ask you to bear with me in the mistakes I will make, and also ask all of you to send me your reports monthly and in time to make the deadlines. Please, try to make your reports as accurate as possible, so as to avoid mistakes and embarrassment. Let's make this an outstanding section, which we can all take part in and point to with pride!

"What to report?" EVERYTHING!!! Please send me anything you have heard! If it's DX to you - it's DX to someone else. You may think others will have better DX items to report than you, but don't let this stop you. Although, you may think it's not very important, remember, this - to someone just getting started or to someone who has not heard your DX, it will be very important!

When you report, please, give times, freq. and mode of the DX (as the example of my own DX listed later. Of necessity these listings will all be of my activities during Oct. and Nov., since I have not received any reports from members at present.

Other things to report will be QSL's received during the preceding month, any DX tips of coming DXpedition or special events, such as contests, certificates and awards, addresses of DX stations, etc. I hope to set up tables and standings in the future so please include your, HIC, VIC, HPX, VPX, HIZ, VIZ, HIS, VIS, HAS and VAS. I would appreciate your comments on how you wish this table and standings set up, what it should include, ect. In fact all comments and suggestions will be most welcome at any time.

I would like to know what certificates and awards you have. I will try to include at least one item each month about a certificate that is available to SWL's. I, also, hope to include an article about a member each month. Not knowing any of you as yet, I will contact some of you soon to get some information on you and your activities in the DXing of the Ham bands.

So that's about all for now and I will look forward to a flood of reports so I can use something besides my own DXing as I'm doing this time.

Seasons Greetings to one and all and to your families. May this Christmas bring you joy and happiness, and the New Year everything you desire.

SEE YOU NEXT MONTH

"DX REPORTS"

CALL	COUNTRY	FREQ.	DATE	TIME	BY
ET3LM	Ethiopia	14303 S	Oct. 5	2140	WPE8AD
5N2EGL	Nigeria	14328 S	Oct.24	2140	WPE8AD
X12Z	Upper Volta	14345 S	Oct.27	0229	WPE8AD
UA1KBW	Russia	14262 S	Oct.27	1240	WPE8AD
VQ4RF	Kenya	14278 S	Oct.27	2045	WPE8AD
DL0WW	Germany	14328 S	Oct.28	1242	WPE8AD
VR2DS	Fiji Is.	14345 S	Oct.28	1308	WPE8AD
MP4BBW	Bahrein Is.	14273 S	Oct.28	1323	WPE8AD
SV0WB	Crete	14343 S	Oct.28	1618	WPE8AD
DJ1ZG/M1	San Marino	14330 S	Oct.28	1855	WPE8AD
5U7AH	Niger	14270 S	Nov. 7	2110	WPE8AD
VU2NR	India	14330 S	Nov.10	1335	WPE8AD
SP9RF	Poland	21248 F	Oct.27	1419	WPE8AD
CR6JL	Angola	21247 F	Oct.27	1822	WPE8AD
CN8IU	Morocco	21267 F	Oct.27	1611	WPE8AD
JAIADV	Japan	21242 F	Oct.27	2216	WPE8AD
VR5AR	Tonga Is.	21397 S	Oct.27	2225	WPE8AD
KA7MD	Japan	21437 S	Oct.28	2310	WPE8AD
ES8S	France	21204 F	Nov.10	1420	WPE8AD
YO7DZ	Roumania	21237 F	Nov.12	1425	WPE8AD
OE1SQ	Austria	21248 F	Nov.12	1522	WPE8AD

"QSL's RECEIVED"

ET3LM, UA3CR/UAL, LA8WF, EL1G, CR7IT, EA4GZ, F8PI, LA6U, ZB1A  
 SM3DIZ, UA2AW, UA3CR, SP7HX, XW8AS, G3FKM, K6SKU/KS6, WA6CJL/KP6  
 VIC 177, CHIC 216, VPX 241, HPX 388, VIZ 37, VAS 50

"DX TIPS"

ZS2MI, Marion Island is active on Sunday at about 2000 GMT on 14017 C  
 ZS6PC/ZS9, Bechuanaland, operated by ZS6PC and ZS6BBB on all bands SSB  
 only, for 4 days starting Nov. 29 - QSL to Box 9321 Johannesburg, Rep.  
 of South Africa, with SAE and IRC's  
 Western Samoa by Danny Weil, now till after Christmas, using a ZM6--  
 call, - QSL to KV4AA with SASE  
 -KV4AA can be heard almost daily at about 1300 GMT on 14280 to 14300  
 SSB. This is a good place to listen for DX tips - (Please pass any you  
 hear to Yours truly)  
 ZD9AM, Gus is still at Gough being heard on 21435 SSB around 1700 to  
 2100 GMT. - QSL to W4ECI with SASE  
 VP8GQ, South Orkney Is. is active on CW, all bands, Thrus., Fri., and  
 Sat.  
 ARRL Sweepstakes contest will be two week ends, Nov. 10-11 and 17-18  
 this is a good chance to get those states that you need for HAS or  
 VAS, Bands will be crowded. (There it is a good bobo, I just real-  
 ized it will all be over when this is received, so I hope you did  
 get a new state or two.  
 VR5AR- operated on Tonga till Nov. 10th, worked 600 stations, all states  
 and 80 countries- one other VR5 station is still active, VR5AA and  
 on most all bands (This info from W9EXE, just received with VR5AR  
 QSL)

Thats it this time, I will try to have 4 pages next issue.

"TECH TRAILS"

NORTH AMERICAN SHORTWAVE ASSOCIATION

EDITOR: Bill Zielinski WA2YAB - WPE2GRD

10 Maple Ave.

Lancaster, N. Y.

N A S A

PAGE 1

DECEMBER 1962

--- ANTENNAS ---

This month, as the subtitle implies, we will cover various types of antennas for SWL gear.

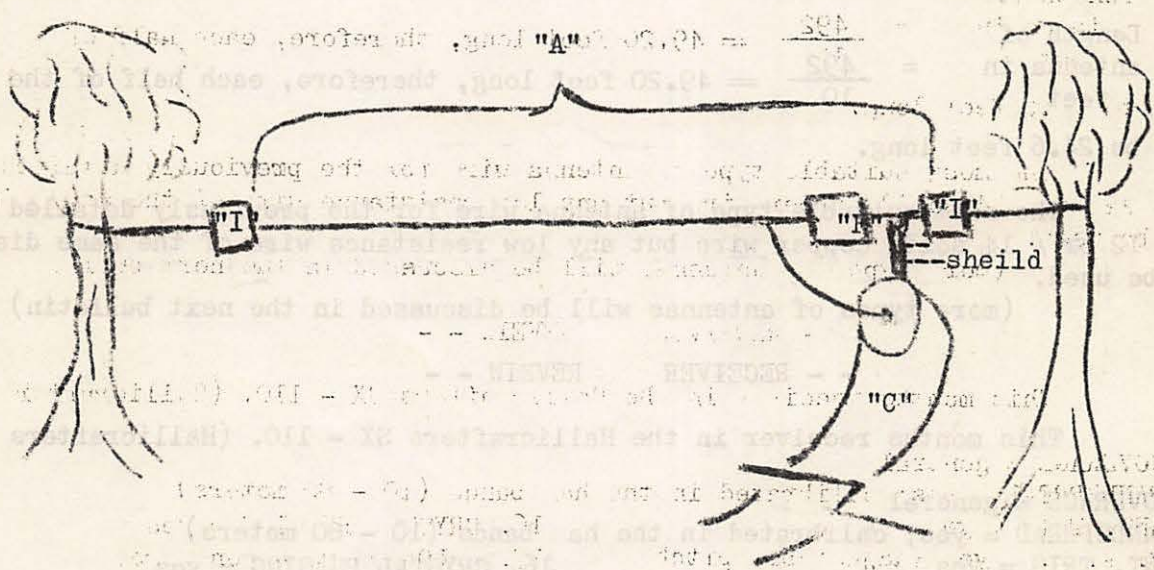
Probably the most common among SWL's is the "long-wire". It gets the name from the fact that it is a long - wire antenna. A good example of one would be a one hundred stretch of wire between insulators and supports. This type of antenna is usually end-fed (connected with the receiver via coaxial cable, etc.) but can virtually be fed from any point. The long-wire is effective with "getting - in - signals but not too effective all performance wise.

What I mean is the antenna should be approximately the length of the waves of the frequency it is to be used for.

If you "cut " an antenna for ten megacycles, the antenna, if properly cut and installed will function best at ten megacycles. Here's how you can figure the length of a " FULL-WAVE LONG-WIRE ANTENNA ":

- WHERE: "F" = feedpoint
- "C" = feedline - co-ax, twin-lead, etc.
- "I" = insulators
- "A" = antenna

FORMULA: length of antenna in feet =  $\frac{585.800}{\text{freq. (Mcs)}}$



As you can certainly see I am no artist. Here's another example:

Rick wants to cut an antenna for 25 megacycles. He has chosen a full-wave long-wire type. Therefore he would go about finding the length in the following manner:

$$\text{Length} = \frac{585.800}{\text{FREQ.}} = \text{Length} = \frac{585.800}{25} = 23.432 \text{ feet (or) } 23.5 \text{ feet Answer}$$

This length is not critically close but should be reasonably near your calculated figure. (con't on page # 2)

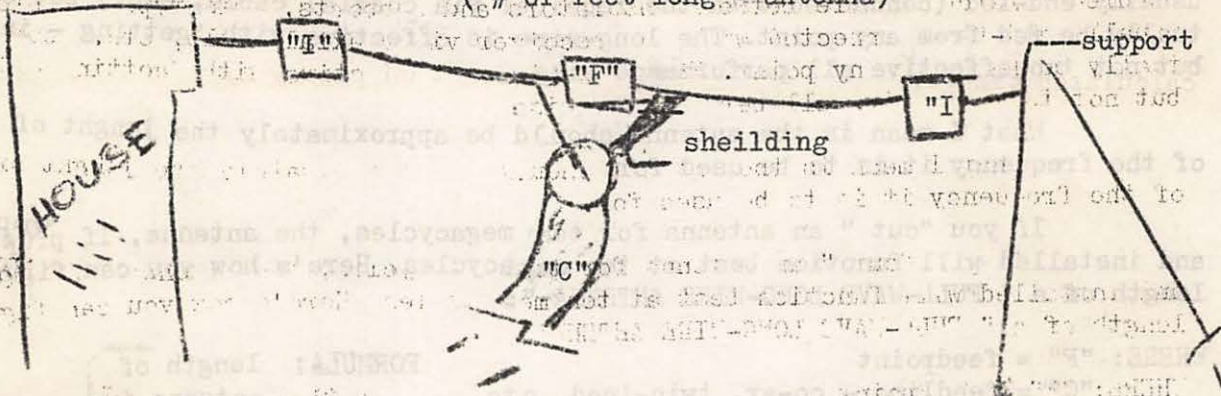
--- D I P O L E ---

The dipole antenna is one of the best performing receiving antennas to be found. It consists of two equal lengths of wire joined in the center using insulators and center-fed by twin-lead or coaxial cable. Here is an example:

WHERE: "I" = insulators  
 "F" = feedpoint; each side of center  
 "C" = 75 ohm twin-lead or coaxial cable

FORMULA: Length of antenna in feet =  $\frac{492}{\text{Freq. (mcs.)}}$

one-half wavelength from formula  
 (# of feet long - antenna)



Calculate a half-wave dipole for ten megacycles.

Length of antenna in feet =  $\frac{492}{10} = 49.20$  feet long, therefore, each half of the dipole

will be 24.6 feet long.

The most suitable type of antenna wire for the previously detailed antennas is # 12 or # 14 solid copper wire but any low resistance wire of the same diameter may be used.

(more types of antennas will be discussed in the next bulletin)

--- RECEIVER REVIEW ---

This month's receiver is the Hallicrafters SX - 110. (Hallicrafters Corp.)

- |   |  |
|---|--|
| 1. COVERAGE = general   | 16. CRYSTAL PHASING = yes                    |
| 2. BANDSPREAD = yes; calibrated in the ham bands (10 - 80 meters) | 17. COLOR = two - tone grey                  |
| 3. ANT. TRIM = yes  | 18. FREQUENCY RANGE = .55 - 34.0 Mcs.        |
| 4. B. F. O. = yes (adjustable pitch)                              | 19. NUMBER OF TUBES = Eight (including rect) |
| 5. Tone control = yes   | 20. ALL-IN-ALL PERFORMANCE = excellent!      |
| 6. AVC = yes  |  |
| 7. NOISE LIMITER = yes  |  |
| 8. SELECTIVITY CONTROL = yes                                      |  |
| 9. "S" - METER = yes  |  |
| 10. ANT. INPUT = any type; 50-300 ohms                            |  |
| 11. EARPHONE JACK = yes   |  |
| 12. PRICE = \$159.95 - less speaker                               |  |
| 13. R. F. STAGES = one  |  |
| 14. I. F. STAGES = two  |  |
| 15. CRYSTAL CALIBRATOR = yes no                                   |  |

P. S. I want to wish every one a very merry Christmas and a prosperous New Year! Know the real meaning of Christmas - but I really hope everyone enjoys it as they wish! So seventy-three and fifty-eight -

73 - BULL ZIELINSKI