



NORTH AMERICAN SHORTWAVE ASSOCIATION

HEADQUARTERS

265 Stilwell Road - Hamburg, New York

VOL. II

JANUARY 1963

NO. 3

***	President, Richard D. Roll	***
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**	SHORTWAVE BROADCAST	THE HAM-BANDS
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**	Dick Orcutt.....Editor	Laveyd Kuney.....Editor
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**	MEDIUMWAVES (BCB)	NASA NEWSROOM
**		
**	John Arthur.....Editor	Ren Luyster.....Editor
**	Steve Raiche....Asst.Ed.	Dick Derrickson..Asst.Ed.
**		
**	FRIENDSHIP CORNER	TECH TRAILS
**		
**	Bill Eddings....Editor	Bill Zielinski...Editor
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With this issue of our bulletin, we enter a new year; Let us hope that throughout its' every day, we can do our best in trying to succeed in our goal of "Unity and Friendship". We, as members of NASA, working together; NASA headquarters working and cooperating with other clubs; All of us proving that such will be worthy and most beneficial to all concerned. True we are not so big in membership at present, but more important is fact that we much bigger whereas sincereness and a want of more understanding between all hobbies related to radio are concerned. Small though we be in number this day, tis certain that we will grow in future days. In setting our goal and in working for it, we shall become known far and wide...not so much for our worldliness perhaps, but exceedingly for our worthiness. Where countries and men of the world have failed in ways, we humble SWL's, DXer's and ARO's can succeed in other ways. This then is what NASA asks of its' members...This then is what NASA will try its' best to accomplish in the year ahead. Support NASA! Support all clubs you may belong to! Keep in mind that it is not any particular club that gains or benefits, but rather it is you, the individual. Only with your support can you best be served and can you know the real feeling of being a good club member, a sincere OM who wants to better the hobbies related to radio. If you believe in the NASA goal, let us know about it, prove it, pass the word to other clubs. Let yourself not be irked by a few editorials you may read now and then, or by antagonistic wordings/mannerisms which are basically unethical; Difficult though it may be, try and see the brighter side and dont fall victim to dislike or prejudice. A hobby was not meant to cause its followers unhappiness, to the contrary it was meant to bring pleasure and happiness. So let us then be happy in our hobby and let us try to make others likewise. Turn away from controversy and antagonism as best you can and face the future with a smile on your face and in your heart. NASA will do its' best to help you. Will you help too?

Members have been saying they would like to have a more club like stamp other than the previously obtainable; They also desire such a stamp be more reasonably priced. Well take a look at the impression here, it is the NEW stamp which is NOW available directly from NASA headquarters. The price is \$.89pp!!! Never before has any club had so FB a stamp, for so little cost. Order yours now!! (Note: Stamps may be slightly smaller)

And next month, we will have best quality on either glossy, They are panted in the club contain the club emblem, your Report form will be on reverse and glossy, about \$2.70, for details next month along with per 100 cards!)



new club QSL cards. These are plain, or woodcraft stock. colors, (red and black), and call letters, name, QTH, ect/ side. Price, for woodcraft plain, about \$1.70. Complete sample card. (Prices will be

NEW MEMBERS

#90, John Ball, Arcadia, California, WEE6DVT, (through R. Roll), who is 27 years old, says he is not a 100% card swapper!!--he's a 200% swapper!!! Johns equipment includes a Zei-nith Trans-Oceanic with a 200 foot long wire, and a SWL-7. He speaks several languages, and attends U.C.L.A., where he is studying to be an electrical technician!

#91 Philip Flickinger, Rockwood, Penna., WPE3DWS, (through R. Roll) who is also 27, listens with a Heath GR-91, and uses a 75 foot long wire as an antenna. In March of '63, Phil Will become a 100% cardswapper. Other interests of Phils are automobiles and ponies.

#92, Paul Gough, West Newton, Mass., WPE1ASX/K1YJC, (through John Arthur), Paul is a senior in high school at present, but has plans to attend St. Anselms College in Manchester, next school year. His receiving equipment seems to be strictly Hallicrafters, an S-38E, and an S-108. His antennas are two dipoles and a 100' long wire. Other interests are science, and girls. (Nice combination Paul!! Hi.)

The following publication available from Government Printing Office, Wash. 25, D.C. 30. Radar System Fundamentals.N29.2:R11/2 - \$1.25 33. Radio Transmitters.D301.7:100-6-\$2.00 34. FM Xmtrs and Rcvrs.D101.11:-668.-\$1.50 41. International Morse Code.D101.11:11-459.-\$.25 43. Standard Frequency and Time Signals.C13.10:236.-\$.10 46. Communications Satellites.Y4.Ae8:C73.-\$1.00

Available from headquarters- Members writing paper-Pad of 100 sheets, two color, \$1.00 post-paid. Stenciling service-Write for details. Club-emblum rubber stamp- \$.89 post-paid.

Member Richard Banyai, 4520 North 34th St., Phoenix 18, Airizona, has some very interesting literature on histiry, economics, ect. available at his QTH, if you are interested, write him!

THE NORTH AMERICAN SHORTWAVE ASSOCIATION publishes 12 bulletins per year on the Shortwave bands, Ham bands, Medium Wave bands, Card/Tape Swapping, Techinal ends of SWLing, General news, ect. Dues per year, \$2.50 for North America, other \$3.00. All bulletins mailed third-class unless otherwise arranged.

!!!! UNITY and FRIENDSHIP !!!!!

NASA NEWSROOM

NORTH AMERICAN SHORTWAVE ASSOCIATION

Ron Luyster, Editor
Dick Derrickson, Asst.

Route 1
305 Jefferson Ave.

Flushing, Ohio
Alexandria, Va.

NASA

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JANUARY, 1963

****SPECIAL NOTE---As you'll notice on the by-line above, the NASA Newsroom now has an assistant Editor! Dick has agreed to lend me a helping hand, and do his best to help make this section improve as the months go by. Also now, with this aid from Dick, we are able to make the long desired expansion to four pages. This expansion will give us more space to work with, and perhaps allow us to introduce new features, services etc. So now it's more important than ever that you give your support to this section...to send in your news items and articles...to tell us what you want to see in the Newsroom. From this month forward, please send all news items to Dick Derrickson who will be in charge of that part of the section. Original articles, info for the "Profile" segment, club news, etc. should be sent to me. If you're not sure where a particular item should be sent, then send it to me and I'll see that it reaches the proper department. Many thanks!

LATE ITEMS---As this is being typed, the US has just experienced success and failure in outer space. The MARINER probe has performed perfectly, sending back radio-telemetry signals from the vicinity of the planet Venus, despite earlier fears that there would be a battery malfunction. It is expected that weeks and months will pass before scientists will be able to say what exactly the info recieved from MARINER's scanners means. This is undoubtedly the most spectacular US space achievement to date.....And on the somewhat disappointing side is the news that RELAY, the new communications satellite may not be able to transmit TV signals due to low battery power. It was hoped that RELAY would act as a replacement for TELSTAR which recently became unable to receive and retransmit TV signals. However in both RELAY and TELSTAR, the other telemetry devices continue to function. RELAY was put into an orbit that would have allowed it to relay TV between Europe, N. America and South America. There is still hope at this date that the batteries will be able to recharge, allowing sufficient operating voltage.

****FARM BUREAU RECOMMENDS RADIO CHANGES---Excerpt from 1963 policies of F.B.F.: "We encourage a study of radio service in farm areas and here -by express our objection to a blanket increase of the broadcasting power of radio stations that are already powerful, unless it can be clearly shown that this is the only way that rural areas can receive radio service. We encourage small radio stations to serve the needs of rural areas wherever possible."...."we urge that all day-time stations which have shown a desire to serve farm people, should be allowed to operate from 5:00 a.m. to 7:00 p.m." (de Buckeye Farm News, Columbus 16, Ohio)

****AROUND THE CLUBS---I stand corrected; New hdqtrs for DX-U is Baltimore, Md. and not Philadelphia, Pa. as stated last month. John Sevier is the new Pres.& Neal Gregory is Secretary*.....Dennis Gebhart was elected V.P. of DXRC. He won out over Gil Holm.....WMRC is not inactive as had been rumored; It is now under the leadership of Dick England.....
...Three clubs (will not mention by name) which never really got off the ground floor, have now gone kaput. (Would have benefitted them all if they had become affiliated with one of the larger clubs.)(cont. Page 2),

AROUND THE CLUBS (cont.)...The ISWL's contest, held during the month of Nov. '62, met with great response....NASA may have a DX program on SWBC in the near future. (Watch the SWBC section for announcement when arrangements are complete and official!)....Anyone desiring info about the CDXC should now address requests to: Bill Graham, 946 Lawrence Ave. E., Apt. 5, Don Mills, Ontario, CANADA... (Credit all club news to BILL EDDINGS, except item marked * to NEAL GREGORY) Many thanks to both OMs!

****AWARDS!---DXLC-NORWAY offers the following awards: Certificates for verifying; 30 European countries, 30 African countries, 25 Asian countries, 30 American countries. Either of the four awards may be had by sending your list of veries to: DXLC Secretary, P.O.Box 1284-V, Oslo, Norway. List must be attested by two persons other than yourself. Veries must be all of one type station i.e., SWBC or HAM and not a combination. Send 8 IRC's for each certificate.DXLC also has a "DX-mark" award. This is a pennant, blue and yellow, with the letters "DX" in red, and white stars denoting number of countries verified. This award is for SWBC only and can be earned for either 25, 50, 75, or 100 such QSL's from all over the world. Fee for this award is 11 IRC's. For further detailed info, write to the above address of DXLC. (this info via Bill Eddings)

****YL CHASERS NET!---Neal Gregory reports: "A group of hams here in Portland (Oregon) and the local area, (K7SCH, K7NHB, K7RQX and K7EPA, their leader and others) have started a YL chasers club and net. It is held every night from about 1900 PST till all times of the night..with all sorts of nonsense. All this is done on 10 meters." (Go get 'em guys!

****RAMBLINGS BY RON (Some personal thoughts)....SWL's vs Hams???.....
It seems to be becoming increasingly apparent that much ill feeling has been springing up between SWL's and hams. At least one prominent US club editor seems to think so. Generally, I am of the opinion that this "conflict" is an artificial one. I know there are misunderstandings between SWL's and hams, but to give the impressions that all hams look down on SWL's and that all SWL's resent hams is surely going more than just a bit overboard. The hobbies of SWLing and hamming are so closely related that there should be little reason for conflict. To avoid giving the impression of disunity, or worse yet, going into the conflict that many think inevitable, care should be taken on both sides. If there are hams who look down on SWLing as an "inferior" hobby, then they should remember back to the days when they were SWL's...remember that SWL's can be invaluable as monitors....face the fact that SWLing is not necessarily the first step towards becoming a ham; many are SWL's and wish to remain so...admit there is more to the short-wave radio spectrum than just the ham bands...and further be willing to QSL SWL reports if they are accurate. Those are some things the ham might do. In return, the SWL should be willing to admit that ham radio is a good hobby, that has an outstanding record in public service and technical radio development. Further he should prove to the ham that he can be just as meticulous in his hobby...that he is capable of submitting useful reports rather than the haphazard ones that hams complain about....constantly demonstrate and point out that the SWBC bands can offer many things to the ham, and are not just "outlets of state propaganda". These then are a few things that would help to ward off any "SWL vs ham" conflicts; and with some courtesy and friendliness added...well, there'll be no problem at all!
(Now on to Dick's pages of NASA NEWS!

Richard Derrickson

Hi there OM! I'm the assistant editor for the Newsroom. And before I go any further I wish to thank Rick and Ron (and Bill Eddings) for this opportunity to help in the editing of this FB bulletin. I might add that a little info on me appeared in Ron's Oct. '62 Profile. I hope I'll be hearing from YOU often. Now to the reports----

***NEW NETWORK---Australia is drawing up plans for a radio network in Papua-New Guinea as part of an accelerated program to educate the 2,000,000 inhabitants. The network will probably become the national radio system when the territory attains self-government. Only two radio stations operate at present in Papua-New Guinea: the Australian B/C Comm., which works from a low-power, medium-wave transmitter at Port Moresby (Papua); and a lower-powered, medium-wave station at Rabaul, in New Britain, in the New Guinea trust territory, staffed by Australia's Papua-New Guinea administration. (Tnx for this item to ALAN ROTH, Conn.)

***JAPANESE TV SATELLITE--- Research leading to the development of 3 or 4 Japanese satellites, to be used for planned television coverage of the 1964 Tokyo Olympic Games is now under way. The 105.5-pound cylinder shaped satellites, equipped with solar batteries, are under development by the Nippon Electric Co., Ltd. NEC-1, as the firm's satellite will be known, is to be mounted on either an American "Scout" or "Thor-Delta" type rocket. (via BILL EDDINGS, Penna.)

***FISHING ROD RADIO--- For the fisherman who has everything, a battery-operated radio has been built into the handle of a rod by John Francis, Weirton, W. Va. The rod itself is the antenna. The sound won't scare the fish; the radio is connected to earphones. The idea, says the inventor, is to keep the fisherman in touch with latest weather reports while far out on a lake. (What next? Hi-vry good idea)(via Ron Luyster)

***NEW RADAR--- The University of Tennessee researchers have developed a rigid radar antenna system which can scan 360 degrees simultaneously. The new antenna scans electrically instead of mechanically, and it is expected to replace the familiar revolving antenna that must turn in steady 360-degree circles to look in all directions. This new antenna has no moving parts and is able to scan in any direction through changes of electrical voltage. It is designed to overcome the problem of mechanical inertia in the turning antenna which has plagued engineers since the development of radar. The antenna is made up of 25 different elements through which seven different voltages can be driven, the idea being that by changing voltages the radiated beam from the antenna can be pointed in any direction. A computer controlling the antenna can switch pointing direction in one thousandth of a second, an important factor in guidance of space vehicles. (via JIM HOWARD, Mo.)

***ELECTRONICS LAY PIPELINES--- Pipelines which now link offshore oil wells under the Gulf of Mexico, the Persian Gulf and the Pacific Ocean with storage and transportation facilities ashore were layed with the help of the Tellurometer System, an electronic device that measures distances directly by means of microwaves, much like radar. A master unit, or transmitter, is located on the pipe-laying barge. Two remote units, or receivers, are at separate shore stations about four and a half miles apart. Knowing how far the barge must be from each of the shore points, the pipeline crew can direct the barge from one location to another in minutes. Because the microwaves are unaffected by fog or darkness, the work can proceed around the clock. Two way radio keeps the barge in continuous communication with each of the shore stations. (via Juanita Andrews, St. Charles Ill.)

HINTS & TIPS TV GYPS--- Repair cheats are back in the TV racket. Better Business Bureaus report that complaints are mounting on dishonest practices of TV repairmen. Some of these phonies were driven out in the 1950's, but others, just as dishonest have apparently replaced them. To protect yourself, advises the BBB, beware of the TV repairman who advertises an extremely low flat rate per call. Use a repairman who is recommended by the community or the local Chamber of Commerce. Demand a detailed service bill. Ask to see the tubes or parts which have been replaced. (Many thanks to JOHNNY CULL, Mass.)

HINTS & TIPS (cont.) SW ANTENNA--- Gummed aluminum tape makes an efficient, quickly installed indoor short-wave-radio antenna. Simply run the tape around the ceiling of the room. If the tape is put over wallpaper, it should be fastened with tacks or cellophane tape at the corners of the room. (via JOE COTE)

****CRACKLING RADIO?--- If you hear crackling noises when you're tuning your radio, they're usually caused by dust or other particles on the variable-condenser plates. Take a piece of short rubber tubing, and blow through it, directing the flow of air vertically at the plates. Be careful not to bend the plates of the condenser, and pull out the line cord from the wall socket. (via JOE COTE)

****MARINER II--- Launched Aug. 27, 1962 this Venus probe has finally reach the that planet, some 66.5 million miles from the sun. It has operated perfectly says the Jet Propulsion Laboratory at Pasadena, Calif. The probe has traveled more than 180 million miles in 109 days. Scientists hope to learn whether the planet has a magnetic field, an accompanying cloud of cosmic dust, a Van Allen-type radiation belt, carbon dioxide in its atmosphere, and a temperature at which life like that on earth could survive. At the present time scientists are hoping that they will be able to track the probe for considerably longer than they had thought possible. This will depend on the amount of fuel still present. Tiny gas jets, fed from a pressure vessel inside Mariner, control its attitude in space. Once the fuel is exhausted, Mariner will tumble uncontrollably and lose its radio links with earth.

****MARS PROBE--- Launched Nov. 1, '62 by the U.S.S.R., is outward-bound for Mars, the earth's next neighbor farther away from the sun. Rendezvous date: June 25, 1963. Since Mars will be some 150 million miles away at rendezvous, beyond the reach of present day radio and television technology, speculation exists that the Russians would bide their time until the space probe traveled around the sun and back toward earth. Then, months after rendezvous, they would send a signal for the satellite to transit pictures it had taken when it passed Mars. (Many Thanks to BILL EDDINGS for both these FB items)

****RELAY SATELLITE---Launched Thursday December 13 '62 as the successor to Telstar went into orbit with a high point of about 4,600 miles and a low point of about 800 miles was thought to be a success until power trouble began showing up the next day when Relay's batteries lacked the strength to operate its transponders—automatic radio relay devices. In hope that the satellites 8,215 solar generating cells would charge up Relay's batteries after further exposure to sunlight, NASA officials called off the Dec. 15th tests. The NASA announcement said telemetry information from the satellite, "has shown an abnormal drain upon the power supply which is the probable cause of the low voltage." Another-words, there is a short-circuit in the 172-pound satellite. Unless this corrects itself, Relay presumably will not be able to play its role in bringing nearer the establishment of a world-wide space communications system. (Washington Star)

****PROGRAM HALTED--- The British B/C Corp. reported that Radio Moscow has stopped relaying Radio Peking Russian language broadcasts. This would seem to be connected with worsehing of Chinese-Soviet relations. The programs were carried throughout the Soviet Union Dec. 10, 12, and 15. Dec. 16th's scheduled broadcast was replaced by a talk on the Maldive Islands. (Washington Star)

****VOA DISCONTINUES SPECIAL CUBA PROGRAMS--- Those special programs to Cuba were discontinued on the night of Dec. 13th. The VOA spokesman said that as of midnight Dec. 13th: 1) the remaining five commercial stations, of 10 originally co-operating in the Gov't broadcasts, will discontinue their special transmissions for the Gov't. 2) the Voice of America Spanish-language programs will drop back to the schedule of 8 hours and 45 minutes a day. 3) but 2 Gov't transmitters put into service for the crises will stay in operation. These are 50-kilowatt stations at Tortugas and Marathon Keys in Florida, both received in Cuba very good on the LW band (Wash. DC Star)

Well, that's it for this month. I hope to be hearing from evayone of YOU—

Send all news items to: 305 Jefferson Ave., Alexandria, Virginia

Very best of 73's, DX Rich

- - - FRIENDSHIP CORNER - - -

NORTH AMERICAN SHORTWAVE ASSOCIATION

Bill Eddings, Editor
 N A S A

1521 Fifth Avenue
 Page 1

Altoona, Penna.
 JANUARY 1963

And a HAPPY '63 to everyone!! I dont know about the rest of you, but it always makes me feel rather good to welcome a new year, especially when I look ahead and know I will have the opportunity of making/meeting many new friends. I also like to feel that I will perhaps be wiser in many ways by learning via experiences of years past. Then too, if I have done a bit of good in bygone days, I know have future days in which to effort more good. Yes, if we all will try to be more understanding, more friendly; If we all profit from our past mistakes and experiences; If we all try to do just a bit more good than we did in days now gone, the year ahead can and will be a HAPPY '63!!!

*** CARD SWAPS ***

The following list will contain quite a few names of OM's and YL's that have been in the "One-hundred percent" group for a long time, but too, it will contain a number of those which are just joining the ranks. It pleases us to list each and every of them!

ALASKA	KL7PE2Q	Clayton Woodward, Palmer, Alaska	A,*
ARIZONA	WPE7AA	Dick Banyai, 4520 N.34th Street, Phoenix 18, Arizona	A,*
CALIFORNIA	WPE6DVT	John Ball, 930 Hampton Road, Arcadia, California	A,*
	WPE6CZU	Bill Willis, 4125 Ramsdall Ave., LaCrescenta, California	P,R,*
	WPE6AG	Bob Coomler, 6047 Comey Ave., Los Angeles 34, California	A,*
	WPE6YL	Betty P. Elder, 515 McKenzie, Watsonville, California	P,R
	WPE6CLL	Curtis Clark, 11703 S.Coldbrook Ave., Downey, California	R
COLORADO	WPE0BKF	Russ Oberg, 971 Victor Street, Denver 8, Colorado	A,*
CONNECTICUT	WPE1NM	John Kowalewski, Route 1, Quaker Hill, Connecticut	U
FLORIDA	WPE4CX0	Al Friend, 1750 Massachusetts Ave. N.E., St.Petersburg, Fla.	H
GEORGIA	WPE4BYD	Buzz Odell, 2584 Mural Drive, Chamblee, Georgia	A,R,*
	WPE4AEP	Don Havel, 1465 Hendrix Ave., East Point, Georgia	P
	WPE4BQC	Wayne Anderson, 625 Lee Street, Dalton, Georgia	A,P,*
IDAHO	WPE7BDG	Ron Leng, 2835 East Lincoln, Idaho Falls, Idaho	A,U,*
ILLINOIS	WPE9AG	Steve Terry, 625 Library Place, Evanston, Illinois	P
	WPE9FAJ	Herb Ramlose, 2513 N.Franco Ave., Chicago 47, Illinois	A,*
	WPE9ENN	Joel Graham, 3406 N.Oconto Ave., Chicago 34, Illinois	X,*
INDIANA	WPE9EGL	Rodney Abney, 1717 Taft Ave., Evansville, Indiana	I
	WPE9CVO	Reg Ackley, 2145 Contact Street, Portage, Indiana	Q
	WPE9EUQ	Steve Hanshaw, Box 265, Topeka, Indiana	R,U
IOWA	WPE0BMC	Jim Hines, Rural Route 1, Montour, Iowa	*
	WPE0AQV	Bob Yanda, P.O.Box 25, Oxford Junction, Iowa	R
KANSAS	WPE0BQJ	Bob Hyde, 312 North 3rd, Atchison, Kansas	U,*
KENTUCKY	SWL-W4	Dick Carey, Route 2, Box 95, Fonthill, Kentucky	P,U
	WPE4DX	Ray Johnson, 307(367) Sherman Ave., Lexington, Kentucky	H
LOUISIANA	WPE5AG	Mr.Wm.McK.Bing, 917 Thalia Street, New Orleans 13, La.	U
	WPE5NM	Len Estorge, 5173 Marigny St., New Orleans 22, La.	A,U,*
	WPE5AYN	Tom Fincher, 3852 Sylvia Drive, New Orleans, Louisiana	H
MAINE	WPE1GL	Jon Stone, 17 Oak Street, Orono, Maine	R
	WPE1CEV	Larry Moody, 135 Colonial Road, Portland 5, Maine	P
MARYLAND	WPE3DVQ	Dick Few, 1207 Parrish Drive, Rockville, Maryland	A,*
MASSACHUSETTS	WPE1CQG	John Cull, 71 Bates Street, No.Abington, Mass.	A,*
	WPE1AHE	Steve Raiche, 20 Oak Bluff Circle, East Longmeadow, Mass.	A,*
	WPE1BBF	Lou & Ann Williamson, 97 Claire St., Chicopee Falls, Mass.	P
	WPE1DYL	Vin Caravella, 79 Falulah St., Fitchburg, Mass.	R
	WPE1CGL	Bruce Dean, 213 Washington Ave., Needham, Mass.	H
MICHIGAN	WPE8AD	Lavoyd Kuney, 7618 Beaverland, Detroit 39, Michigan	A,*
	WPE8DFW	Russ Anderson, 1561 Montague Ave., Muskegon, Michigan	H

MINNESOTA	WPE0BPH	Warren Anderson, 1424 Quince Street, Brainerd, Minn.	A,*
	WPE0BCG	Tom Hagen, 202 Main Street, Renville, Minnesota	P
	WPE0ACG	Darrol Lockhart, Box 397, Spring Grove, Minnesota	U
MISSOURI	WPE0BYJ	John Gaither, 523 West Maple, Nevada, Missouri	A,*
	SWL-W0	LeRoy Cleaver, 1105 E. Second Street, Joplin, Missouri	A,*
MONTANA	WPE7WT	Dave Norden, Rural Route 1, Sidney, Montana	*
NEBRASKA	WPE0BLD	Alan Anderson, 7908 Main Street, Ralston, Nebraska	A,*
NEVADA	WPE7YQ	Pat Bailey, 711 South Sixth Street, Las Vegas, Nevada	*
NEW HAMP.	WPE1HY	Steve Ewing, Sleepy Hollow Road, Atkinson, New Hampshire	A,*
NEW JERSEY	WPE2MG	Bill Kirchner, 21 Daniel Street, Whippany, New Jersey	H
	WPE2QD	Frank Kisselbach, 39 Dutchess Ave., Marlton, New Jersey	H
	WPE2EPN	Marge Ellsworth, 275 Little St., Belleville 9, New Jersey	P
NEW MEXICO	WPE5BOC	Jim Creek, P.O.Box 102, House, New Mexico	A,*
	W5-SWL	Bob Canard, 600 California St., S.E., Albuquerque, New Mex.	*
NEW YORK	WPE2CLD	John Arthur, 3004 Watson Blvd., Endwell, New York	A,*
	WPE2IVK	Ann McKenna, 4A Meadowbrooke Drive, Huntington Sta., N.Y.	A,R,*
	WPE2FMR	Dave Markus, 207 Marrano Drive, Depew, New York	A,*
	WPE2FUM	Bob Daigler, Niagara County, Burt, New York	A,*
	WPE2GMR	Harry Bergman, 1675 Andrews Ave., Bronx 53, New York	A,*
	WPE2HKE	Harry Smith, 10 Hodge Ave. (Chenango Bridge) Binghamton, N.Y.	A,*
NORTH CAR.	WPE4AXL	Mike Kotoris, Route 1, Box 234, Silver City, N.C.	A,*
	WPE4DNG	Whit Gillon, P.O.Box 442, Kannapolis, No. Carolina	A,*
NORTH DAK.	WPE0BNX	Larry Marshall, Box 291, Devils Lake, No. Dakota	A,*
OHIO	WPE8AGY	Ron Luyster, Ruote 1, Flushing, Ohio	A,P,*
	WPE8EPN	Neal Bates, 74 Hartshorn Drive, Painesville, Ohio	A,P,*
OKLAHOMA	WPE5CJ	Dave Edger, 4006 North Elgin, Tulsa 6, Oklahoma	R,*
OREGON	WPE7AIN	Neal Gregory, 5975 S.W. 91st. Ave., Portland 25, Oregon	A,P,*
	WPE7AFJ	Larry Miller, 1409 S.E. 60th, Portland, Oregon	Q
	WPE7AZD	Pete Wood, 5620 S.W. 185th Ave., Beaverton, Oregon	A,*
PENNSYLVANIA	WPE3EEF	"Jed" Dickey, Little Shiloh Road, Westchester (RD.3) Pa.	A,*
	WPE3DMQ	Bill Gaerttner, 3255 West 14th Street, Erie, Penna.	A,*
	WPE3CL	Tom Bispham, 3 Dreycott Lane, Haverford, Pennsylvania	A,*
	WPE3BPJ	Jim Ekblom, 1141 Hadtner Ave., Williamsport, Penna.	A,*
RHODE ISLAND	WPE1CMW	Charles Archambault, P.O.Box 534, Woonsocket, R.I.	P,A,*
SOUTH DAKOTA	SWL-W0	Bob Muecke, 1003 South 4th Ave., Sioux Falls, So. Dakota	*
TENNESSEE	WPE4CXE	Harry Stout, 598 Stewart Drive, Elizabethton, Tenn.	A,*
TEXAS	WPE5CBD	Richard Little, 4140 Winfield Ave., Fort Worth 9, Texas	A,*
	WPE5AWJ	John Hathaway, 4701 So. Milam Street, Amarillo, Texas	A,*
VIRGINIA	WPE4IXS	Connie Hill, 2709 N. 18th St., Arlington, Virginia	A,*
WASHINGTON	WPE7QN	Richard Jordan, 7742 28th Ave., Seattle 7, Washington	A,*
WEST VIRGINIA	WPE8EMV	Bill Pugh, 15 Grosscup Road, Charleston 4, W.Va.	U,*
WISCONSIN	WPE9CCY	Ralph Kerstein, 3044 So. 12th St., Milwaukee 15, Wisc.	A,*
	WPE9EVK	Dave Minkoff, 4301 Yuma Drive, Madison 11, Wisconsin	U
ONTARIO	VE3PE3K	Fred Woodley, 24 Briscoe St. West, London, Ont., Canada	G,*
	VE3PE1IJ	Roger McNicoll, 44 Smithfield Dr., Toronto, Ont., Canada	A,*
HUNGARY	HA9-007	"Jenci" (via) " " " " " " " " " " " "	A,*
ENGLAND	G-10297	Arthur Hann, Wescroft, Geroge Rd. Milford on Sea, Hampshire, Eng.	G
	G-9653	Harold Burton, 10 Gray Ave., Murton, Seaham Co., Durham, Eng.	G
	G-6063	George Farnham, 24 Drovers Way, Dunstable, Bedfordshire, Eng.	G
N. IRELAND	GI-9831	Dave Waugh, 19 Pine Street, Belfast 7, North Ireland	X
GERMANY	DM1PE1AG	Friedrich Fischer, Wunstorf/Hann, Sudetendstrasse 34, Germany	X
FINLAND	OH-1674	Jaakko Madekivi, Nakkila, Finland	X
FRANCE	REF-12764	Gerard Francon, Lycee Mixte, Vizille(Isere), France	X

Credits:	A-Submitted direct	I-Greg Gordon	R-Errol Urbelis
	G-Rheal Lavoie	P-Ann McKenna	U-Dave Listort
	H-Dave Hailey	Q-Neal Gregory	X-Bill Harris *Editor

NOTES & QUOTES.....First of all I want to apologize for the error (goof) I made last month when I sed Ed Drumm and Jim Courtney were the co-editors of the swap section in

DX-U's bulletin. I definitely meant to say that they are the co-editors of the BQ section. And to further rectify this "goof" I made, let me here and now give credit where credit is due and say that Don Erickson is the cardswap editor for DX-U! (I am grateful to those of you that called this error to my attention. Mny tnx!)..... Since I mentioned Don Erickson, it reminds me to inform you that he passes word that Mr. Hardy (WPE3BSI) has ceased swapping: So pse take note!..... (Had Mike sent me word of this direct, I would not have listed him last month!!!)..... John "Jed" Dickert, in list, now has his WPE call..... Via GW3PELB, Bill Harris (NASA member) comes the official info on the SAE ("Swapped All Europe") award he and another GW3 (Glyn Redhead) are co-sponsoring. Here are the facts/data: You must have a card from/with OM's or YL's from prefixes CT, DJ/L, DM, EA, EI, F, G, GI, GM, GW, HA, HB, I, LA, OE, OH, K, ON, OZ, PA, SM, SP, YO, YU, and one from USSR(Europe). Lists must be verified and signed by two reputable swappers and sent along with 6 IRC's to: Bill Harris-GW3PELB, "Swanage" Port Road West, Glamorgan, South Wales..or to: Glyn Redhead-GW3PELA, 11 Kathleen St., Barry, Glamorgan, South Wales.....From all apparent indications, it seems that the states of Alabama, Hawaii, South Carolina and Wyoming no longer have any active swappers!!.....OM Dave Alessi, a 100% swapper from Erie, Pa., has recently been victim of a serious illness. I'm sure all of us wish him a most speedy and complete recovery. Dave is an asset to our hobby and truly efforts in all ways to promote friendship. Rest assured Dave, you are in our thoughts and prayers!!..... From Exrol Urbelis-WPE2AN, 60 Boulevard, Greenlawn, L.I., New York comes these words: "I would like to swap swl cards with all the FB members of NASA; I QSL 100%. If any of the OM's would like one of my swap lists, have him send me an SASE with his request and also tell me if he would like to be listed on future ones. I would like to say however, since I have recieved many requests for my lists, please be patient if they are tardy getting to you. Might also add that I swap picture postcards too!!"..... I see/hear that another overseas OM is selling used cards which he and other swappers have recieved. Personally I do not think this a very good idea. I admit it is his privilege and to his descretion, but still it is, in my humble opinion, contrary to the real motive behind cardswapping. A good number of these cards are sure to be old and/or outdated. Passing them (the QRA/QRH's on them) will only cause wasted time, effort and expense!.....And finally; Next month we expect to announce full details about our new club QSL cards. They will be FB quality and very reasonably priced!.73!

*** TAPE TALK ***

Well, by the time you read this, Santa will have come and gone; I hope he didnt goof on his promise to bring certain of you that spankin brand new "yak Box" (recorder). I hope that by next month you will all have sent me complete data so that I can list you and help you get started on the relly-reel heppy fun of tapesponding. Meantime however, here are other names of yakkers who await the pleasure of hearing from any or all. They request 3 inch reels recorded at 3.75 ips!(Send card before sending tape!)

Lavoyd Kuney	7618 Beaverland, Detroit 39, Michigan	Realistic
Tony Arndt	Newton, Illinois	Webcor
Dorothy Murray	44603 2nd St. East, Lancaster, California	Webcor
John Raney	302 East 23rd St., Pine Bluff, Arkansas	Webcor
Jimmie Cole	Box 3094, Dallas 21, Texas	??
Len Lee	9 Sea Terrace, Conway, North Wales	Peto-Scott
Rheal Lavoie	333 Church St., Ansonville, Ont., Canada	Robuck
Herman Haijemije	P.O.Box 137(157), Rotterdam, Holland	Norelco
Bill Harris	"Swanage"Port Rd.West,Barry,Glamorgan,So.Wales	Stellafone
Neal Gregory	5975 S.W.91st.Avenue, Portland 25, Oregon	??

(Not all the above are swl's, some are ARO's, some just tapesponders; All however, do wish to swap/exchange tapes with any/all who care to do so. Remember, send a card or note in advance of your first tape so that all details can be worked to mutual benefit)

From Norway comes word that a new tape club has been started. Originator is John-Kenneth Kristoffersen, Lille Frogner alle 3, Oslo, Norway. Membership is \$4 to those who reside in the U.S. and \$3 to those in Europe. If interested, I suggest you write

Ken-Kenneth for complete information, appreciate it, etc.
you heard the tape I made which was used on the NASA program over WPBI-FM?.....
Attention!!! Will all of you which are on #2 Reel of Friendship, please be kind enough
to drop me a card and tell me if you have recvd and sent it as per instructions? This
reel is long overdue in arriving back at this QTH. I would be most grateful for your
cooperation on this matter. Tnx! (It is important that I get this reel back. It is
needed for a program which is being planned/arranged with an overseas swl club that is
cooperating with NASA. The program will be broadcast over Radio Finland. Incidentally,
there are now 5 Reels of Friendship! #2 is the only one that has seemingly been QRM'd
in any way. Again I ask those of you that are on it, to please drop me a card QRO. Tnx!)

TAPE TIPS

TAPE TIPS

TAPE TIPS

Last month I mentioned the possibility of the WR&TV Handbook giving info on stations
wanting/accepting recorded reports; Well I wrote to them on this matter and they were
very encouraging in their reply. They did not committ themselves, but they did lead me
to think they will look into the matter and give it consideration. I am sure all of
you would like to see this type info listed as it certainly would be a help to us and
all concerned. I'll keep you informed on any further word I recieve; Meantime I might
suggest that any of you which are interested, write to WR&TV publishers requesting
they do contain this type of data in future editions of their handbook. Watsa??????
.....And now for this months tips: I'm sure all of us are forever trying to better the
tapes we make, so what I am now going to do is list some of the common faults and tell
what causes them. In most cases, as you will see, they can be rectified quite simply.
Loss of clarity: This "harsh or fuzzy", distorted sound, is likely to result from too
high a recording level. It could however, be caused by certain faulty tubes. In either
case, it is a sign of something being overloaded - tape or tubes. One other factor I
might mention is that it could be caused by cheap, low quality tape. Muffled sound:
This results from inadequate frequency range for that which is being recorded. It is
easily brought about by the building up of a film on the tape-heads. Clean these heads
periodically! High noise level: (Such as hum or hiss) This could be serious. Most of
the time it is caused by faulty tubes or some other electronic component(s) in poor
condition. Still, dont overlook the fact that it could be that the record heads are
in need of demagnetizing. Magnetic print-through: This shows up as an echo of a sound
before or after it. The cause is a tendency of the magnetism on one layer of tape to
transferr slightly to adjacent layers, on loud passages/segments. To avoid this, try
keeping your recording level at a minimum. Waver in pitch: (Such as a wow) Periodic
wavers or wows are likely to result from a deposit of somckind/something, on one side
of the drive capstan. Clean the capstan and its pinch roller (if your recorder has one)
with the prepared solutions (or plain alcohol). A more serious cause of this fault is
unlubricated bearings; In this case it is best to have your recorder cheacked by an
authorized repairman. Tape squeal: Although there are several rather serious causes of
this, I will list only the more simple. Dirty erase pads, guides; Worn or grooved
guides; Excessive erase pad pressure. Motor hum/noise in background: (On your tapes)
Quite a number of OM's do not realize the sensitivity of their mikes; They record with
the mike close to the recorder itself and therefore the motor hum/noise is picked-up
and fed to the tape. Try and keep your recorder at least 3 feet from your mike! If you
have your recorder on a table or desk and vibrations are audible, place a piece of
foam rubber under your recorder (especially if your table or desk is metal!).....30
Next month I may have an announcement regarding a contest for you recorder owning DX-
chasers. Larry Marshall and I think we may have hit on a FB idea, but we want to be
sure it will meet with complete approval and enthisiiasm before it is started. There
are still a few facts to work out and as I said, next month may be we will be all set.
I can tell you in advance that it will plenty of fun to all who enter and there will
be some FB prizes awarded to the winner(s). More details and/or the announcement next
month. Meantime have fun, yak some tapes and make some new friends via magnetic QSO's!
Though it may be a bit late, I still want to send along my sincere wishes for a truly
happy, prosperous and rewarding New Year to each and all of you. If we keep in mind
that old golden rule "Do unto others as you would have them do unto you", we can be
certain the days ahead will be met with smile on face and peace in heart.

SHORT WAVE SECTION

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

Richard Orcutt

1531 SW 28 CT

FT. Lauderdale, Fla.

NASA

PAGE 1

JANUARY 1963

Now that the New Year is upon us, I hope you all made resolutions to report faithfully to the NASA SW Section every month. I'd like to take this opportunity to wish all of you the very best of DX throughout the entire year of 1963. Hope Santa was good to you.

WE've started a new way of crediting members with tips. At the end of each item you will find a number and two or three letters. These signify the WPE call sign. See the last page for the members and their QTHs.

Now for this month's reports. Times are GMT.

AUSTRALIA- Radio Australia, Melbourne, hrd on 7190 kcs at 0500 w/ Eng Dictation nx. Also on 7210 kcs at 0510 w/Eng to Indonesia (8AD)

AZORES- Emissora Regional dos Açores, Ponta Delgada, logged on 4865 kcs at 2153 w/sports pgm in ~~EX~~ Pt. (4APP)

BRAZIL- Radio Clube do Para, Belem, on 4865 kcs at 0900-0930 w/mx, nx, time chex, & ads... Radiodifusora da Sao Paulo, Sao Paulo, on 11765 kcs at 0117-0210 w/mx & ann... Radio Bandierantes, Sao Paulo, hrd on 11925 kcs at 0040-0215 w/sports pgm... Radio Record, Sao Paulo, on 11965 kcs at 0050-0115 w/nx. //9505... Radio Tupi, Rio, on 6115 kcs at 0930-1025 w/mx & ann... Radio Nacional Brasilia, on 6065 kcs at 0915-1015 w/mx & nx. (2AN) Radio Marajoara, Belem, on 15245 kcs at 0204 w/mx & comm... Radio Clube de Ribeirao Preto, on 15415 kcs at 0305 s/off... Radio Panamericana, Sao Paulo, on 15135 at 2315 w/Pt mx & ann... Radio Clube de Goiana, Goiania, on 11735 kc at 0346 w/LA mx. (4APP)

CHILE- Radio Sociedad Nacional de Minería, Santiago, on 11960 kcs at 0045-0130 w/variety pgm. (2AN, 4APP) La Voz de Chile, Santiago, on 11900 kcs at 0346 w/pop NA & LA mx. (4APP)

CHINA- Radio Peking on 9485 kcs at 0130 w/Eng mlbg pgm. ~~(X)~~(4CXE)

COLOMBIA- HJCF, Bogota, on 5960 kcs at 0930-1000 w/mx & ann. (2AN)... Emissora Atlantico, Barranquilla, on 4905 kcs at 0130... Radio Santa Fe, Bogota, on 4965 kcs hrd all night w/gud sigs, (6DVT)

CONGO- Radio Brazzaville on 11725 kcs at 0105 w/nx. (4CXE)

COSTA RICA- La Voz de la Victor, San Jose, on 9615 kcs at 1700-1730 w/mx, ann, time chex. (2AN)

CUBA- Radio Habana on 5990 kcs at 1730 w/propaganda & mx. QSL rcvd. (6DVT) On 6130 kcs at 1530. Jamming began a few minutes later. Are we guilty of this? (8AD) Can anybody help? (ED)

Hope to have something a little different for the next issue.
I'll work out great if you'll report. Tell them you and god DX.

DOMINICAN REPUBLIC- La Voz del Progreso, San Francisco, on 4860 kcs at 0910-0940 w/mx & ann. (2AN) Radio Comercial, Santo Domingo, on 4880 kcs at 0601 s/off. (6DVT)

ECUADOR- HCJB, Quito, on 11915 kcs at 2335 w/Caribbean Call. (4CXE) Also at 0430 on 15115 & 9745 kcs and at 0600 on 11915. The first was in Russian and the second in Sp. (6DVT) On 6050 kcs at 0233(1DAR)

EL SALVADOR- Radio Nacional 1 on 9555 kcs at 0300 and after. (6DVT)

ENGLAND- BBC on 6190 kcs at 1950 w/mx. (1DAR)

GERMANY, WEST- Voice of Germany, Cologne, on 17855 kcs at 1735 w/xmsn to Africa (4CXE)

GHANA- Radio Ghana, Accra, on 17910 kcs at 1520 w/xmsn to sve men i n Congo. (4CXE) Hrd on same fq at 1545 w/ s/on in Swahili (4APP)

GREECE- VOA/Rhpdes hrd on 7125 kcs fm 2200-2230 w/nx & commtry. (1DAR)

GUATEMALA- TGNB, Guatemala City, on 9670 kcs at 0345 w/Rel pgm (4CXE) Radio Nacional Quezaltenango on 11700 kcs at 0400 w/International DX Pgm on Sundays. Celebrating 25th Anniv. in Feb. (6DVT) I don't mean to make you a liar for two kcs Harry, but the exact fq of TGNB is 9668. Hi Hi. (ED)

HAITI- Radio Caraibes, 4VEB, Port au Prince, on 6015 kcs at 0100 w/ Eng nx. (6DVT)

JORDAN- Radio Amman on 9560 kcs at 0130 w/nx. (4CXE)

KATANGA- Radio Katanga, Elizabethville, on 11870A kcs fm 2016-2100 w/Eng nx to 2025 then mx. S/off 2100. (4APP)

MALAYA- BBC FES, Singapore, on 9725 kcs fm 0940-1005 w/classical mx & BBC play. (2AN)

MEXICO- XERR, Mexico City, on 15110 kcs at 0215 w/mx & ann. (2AN)

MOZAMBIQUE- Radio Clube de Mozambique, Lourenco Marques, on 15300 kcs at 1855 w/inst mx. Pt ann & 4 chimes. (4APP)

PORTUGAL- Voice of the West, Lisbon, on 6185 // 6025 kcs at 0200-0230 and fm 0400-0430 w/mx & nx in Eng. (8AD)

SWITZERLAND- SBC, Berne, on 17795 kcs at 1555 w/xmsn to India(4APP)

TAHITI- Radio Tahiti, Papeete, on 11825 kcs fm 0345-0500 in Tah. Fr at 0500. Pretty gus sigs for listed 4KW. (4APP)

URUGUAY- La Voz de Melo, Montevideo, on 15225 kcs at 0258 s/off(4APP) El Espectador, Montevideo, on 11835 kcs at 0300. (4APP)

Thanks to these reporters for their tips. Hope to have these and more for the next issue. WPE:

1DAR- Dave Knowlton, Manchester, N.H.

2AN- Errol Urbelis, Greenlawn, L.I., N.Y.

4CXE- Harry Stout, Elizabethton, Tenn

6DVT- John Ball, Arcadia, Calif.

8AD- Lavoyd Kuney, Detroit 39, Mich.

4APP- Your editor.

Hope to have something a little different for the next issue.

It'll work out great if y'all will report. Till then 73s and gud DX.

HAM BAND SECTION

NORTH AMERICAN SHORTWAVE ASSOCIATION

Lavoyd Kuney, Editor 7618 Beaverland Detroit 39, Michigan

N A S A

Page one

Jan. 1963

Time - 24 hour GMT

Deadline 10th each month

"THIS IS BE NICE TO 'CURT WEBBER' MONTH"

Curt Webber, WPEØBBF, is probably NASA's oldest SWL but from what I have been able to learn one of the youngest in spirit.

He was born in Germany over 70 years ago. In 1912 at the age of 21 he came to America. He served with the American army in World War I in France. In his early days he was a Ham and worked in a foundry as a Millwright. During World War II he served with the US Army having charge of German prisoners at Ft. Lear. He has worked for U.S. Eng. as Ballistic and Rocket Eng. at the Hercules Powder Works in Kansas, for which he received a Certificate of Merit. He is a member of A.R.R.L., N.A.S.A., Member of V.F.W., Mason, Cooties (this is a side branch of the V.F.W.) also Jr. Vice Commander in the V.F.W. and a Scout Master for over 10 years.

Curt has been a world traveler, having crossed the ocean 25 times, and visited Cuba, Chile, Brazil and Europe.

He attended High School in Germany and served with the German Merchant Marine before coming to America. Now he has a small farm and his hobbies include fishing and trapping and gardening.

Mr Webber has been a SWL for 12 years and has about 200 QSL's from the world over. As a Ham he built his own receiver and transmitter, he now has his 3rd commercial receiver, a NC 109, before that a S 118 and a NC 105. He plans on getting a SX 100 soon. He uses two conical antennas, about 35 ft high.

He has a very nice SWL card and would enjoy hearing from members of the NASA; so let's write him. Remember this is be nice to Curt Webber month. (His QTH is 16th Vilas St. RR 3, Leavenworth, Kansas, U.S.A.)

Were You Listening?

I heard an interesting QSO between CEØZI/mm and several East Coast W1's and K1's Hams. CEØZI/mm is the USS Eltanin and was in the Straits of Magellan off the southern coast of Chile, on the way to pick up a TV crew of the "Today" program at Punta Arenas, Chile, before its return to the Antarctic.

QSL's for CEØZI/mm via KC4AAA, U.S. Antarctic Research, Program USSNL Eltanin, F.P.O., New York, N.Y.

Tip- UA1MU and UA4IF can be heard mornings, around 14290-14300 ssb at 1300 to 1430 GMT. QSL to Box 88, Moscow. (Both are good QSL'ers) (WPESAD)

Mosley RD-5 Antenna. My success so far with this antenna has been great, I put it into service on Oct. 11, 1962 and have logged 78 DX countries with it in 6 weeks, of course this included 30 hours of listening time during the CQ contest. The antenna has very good materials in it, the 8 traps are plastic cased and well sealed, the wire is a good quality tinned antenna wire, the instructions are clear and precise. The completed antenna is 69 foot long, with the 8 traps it is resonant on 10,15,20,40, and 80 meters. I would like to hear from anyone else and their experience using this or any other antenna. (WPE8AD)

SWL- 20 K Award. This to me is one of the nicest certificates now available to SWL's. You need 20 QSL cards, one each from 20 of the "K" prefix from this list.

KA	Japan	KL7	Alaska
KAØ	Iwo Jima, Bonin Is.	KM6	Midway Islands
KB6	Am. Phoenix-Baker Is.	KP4	Puerto Rico
KC4	Navassa Is	KP6	Palmyra, Jarvis
KC4	Antarctic	KR6	Ryukyu, Okinawa
KC6	Eastern Carolines	KS4	Swan Is.
KC6	Western Carolines	KS4	Serrana Bank
KG1	Greenland	KS6	American Samoa
KG4	Guantanamo Bay	KT1	Tangier Zone
KG6	Guam	KV4	Virgin Islands
KG6I	Marcus	KW6	Wake Islands
KH6	Hawaiian Is.	KX6	Marshall Islands
KH6	Kure Is.	KZ5	Canal Zone
KJ6	Johnston Is.		

QSL's from any duly licensed Amateur Radio Station since Jan. 1, 1955 are eligible (no QSL's from U.S.). Send QSL's and one dollar to WLAGS Lauren McMaster, P.O. Box 1145, Weston, Conn.

I am very proud of my 20-K award, I received it Nov. 10, 1961, and it is certificate No. 4 (WPE8AD)

Do you need help ? I have the Fall editions of the Radio Amateur call books and receive several weekly and monthly DX bulletins, newsletters ect. I will be glad to help any member with a needed QTH. A SASE will be appreciated with your request. (WPE8AD)

New type antenna. Here is something new in antennas, W8VHQ has one that is water cooled. He has a half wave vertical for 75 meters, half of the radiator is above ground while the other half some 60 ft down a well. If some ambitious SWL tries this idea, I would be interested in the results (WPE8AD)

Remember. When repoting to a DX Amateur station, give a complete and sincere report, always use GMT time and use dates as 12-XII-1962 (12th day of Dec. 1962) Be sure to include return postage also. IRC's and SAE for foreign and SASE for stateside QSL'managers and Hams (WPE8AD)

NASA Ham Band Award. Here is a very attractive certificate that is not difficult to obtain. QSL's from 50 Amateurs required, 10 of them from North America. Write NASA Headquarters for complete details. I am proud to add this award to my collection (WPE8AD)

How about you sending in some news items along with your reports ??

"DX REPORTS"

Call	Country	Freq.	Date	Time	By
ZL2BE	New. Zeal.	28--- F			WPEØBBF
VE6WR	Canada	21--- F			WPEØBBF
LU2QA	Argentina	21--- F			WPEØBBF
VR5AR	Tonga	21--- S	Oct 23	2330	WPE3BSI
VR2DS	Fiji Is.	21--- S	Oct 27	2259	WPE3BSI
KL7DBG/KJ6	Am. Samoa	21--- S	Oct 23	2336	WPE3BSI
OK1IH	Czechoslovakia	21--- S	Nov 18	1258	WPE3BSI
XT2Z	Upper Volta	21--- S	Oct 27	1255	WPE3BSI
PJ5MC	Sint Maarten	21--- S	Oct 27	1224	WPE3BSI
WLECK/KJ6	Johnson Is.	21--- S	Oct 22	0007	WPE3BSI
JA1DLN	Japan	21--- S	Oct 21	2338	WPE3BSI
LZ1AP	Bulgaria	21--- F	Oct 21	1317	WPE3BSI
CR5SP	Sao Thome	21--- F	Oct 7	2102	WPE3BSI
OE2JRL	Austria	21270 F	Nov 24	1417	WPE2ALE
KZ5LW	Canal Zone	21200 F	Nov 25	1414	WPE2ALE
HC2WH	Equador	14200 F	Nov 25	2355	WPE2ALE
HC2LF	Equador	14200 F	Nov 25	2355	WPE2ALE
TA2IK	Turkey	14--- F	Dec 2	1405	WPE2ALE
HK1OI	Colombia	21224 F	Nov 12	1605	WPE8AD
UA4IF	Russia	14295 S	Nov 20	1330	WPE8AD
GI4RY	N. Ireland	14302 S	Nov 20	1345	WPE8AD
SM5OV	Sweden	21240 F	Nov 20	1440	WPE8AD
UA1MU	Russia	14290 S	Nov 21	1335	WPE8AD
SV1AR	Greece	14305 S	Nov 21	1355	WPE8AD
G3ORK	England	14292 S	Nov 21	1440	WPE8AD
LH4C	Bouvet	21035 S	Nov 28	1405	WPE8AD
ON4DN	Belgium	14308 S	Nov 28	1630	WPE8AD
CEØZI/mm	USS Eltanin	14332 S	Nov 29	0015	WPE8AD
9Q5RK	Rep. of Congo	14343 S	Dec 3	2015	WPE8AD
YS2SA	El Salvador	14340 S	Dec 7	2120	WPE8AD
PJ2AA	Aruba	14344 S	Dec 7	2210	WPE8AD
KC6BO	Caroline Is.	14300 S	Dec 7	2215	WPE8AD

Rare DX CR5SP (WPE3BSI), TA2IK (WPE2ALE), LH4C (WPE8AD)

Semi-rare VR5AR VR2DS LZ1AP (WPE3BSI) SV1AR CEØZI/mm (WPE8AD)

QSL's received. VQ2AB, 9G1GN, ZELJE, UC2AA, VR30, VR5AR, Knight R-100 receiver, HIC 162, VIC 115, (WPE3BSI)

TI2EH, HC2LX, YV5AEV, VP2LS, HR2MT, OZ5JT, OQ5FH, OA1D, YN1LC, EL2F F7HC, KG4AO, G3HWO, OA4GR, XE1JP, CO2DD, EA8CC, HQ-180 rec. (WPE2ALE)

VR5AR, MP4TAO, VR2DS, FM7WQ, DL5BR, PJ5MC, KG1BO, VE8YG, HK7YB, 5U7AH WA4HGN. (New countries underlined) HQ-180 rec. HIC 213, VIC 181 (8AD)

Thanks to the fellows that reported, but I need more reports and items of interest. I told Rick I would try this section for six month, but it is going to be up to the members who are interested in this section if I am to continue after the six month trial. (WPE8AD)

Do we have any members with a NC-98 receiver, I have a dial plate that is calibrated for the SWBC bands rather than the Ham bands, glad to send it to any member if they will pay postage. (50 cents) (WPE8AD)

4W1AA and FO8AI which have been heard recently are now believed to be phonies. 9LLHB is legitimate, QTH is P.O. Box 7, Freetown, Sierra Leone (R.J. Brooks operator) (WPE2AK)

Tips - ZD8JP - Ascension Is, operated by John Packer, reported on at 2200 GMT 14294-97 ssb (WPE3BSI & DX Mag.)

SM5CBC/9Q5- in Rep. of Congo working 14290 ssb about 1900 GMT (QST)

ZD6GA, Nyasaland is back after being off for 8 month, will be ssb on 10,15 and 20 meters- 1400 to 1800 GMT (QST)

VS9APH, plans a trip to Kuria Murias, G2BVN will handle the QSL's, dates not yet known (QST)

ZLLABZ- Kermadec Is. active 0300-0400 and 0700-0730 GMT on 14290 ssb also will use 14120 and 14130 kc, Ian operator and will be there 11 months (DX Mag)

Notice- Jack Cummings, W2CTN is seriously sick- I'm sure a get well card sent to his home at 159 Ketcham Ave, Amityville, N.Y. will be appreciated- Jack has helped many SWL's get that QSL card from so many DX station, in my case I find he has sent me 11 such QSL's.

VR5AA is active and QSL's should go direct to Herb Chapman, VR5AA, Box 36, Nuku-Alofa, Tonga Tabu, South Pacific, he is active on CW and SSB on 10 through 80 meters (WPE9AG)

New Catalog- International Crystals, 18 N. Lee St, Okla City, Okla with lots of good info for both Ham and SWL. (WPE8AD)

LA9RG/P- Svalbard can be heard in N.A. 1500-1800 GMT Fridays and Saturdays as early as 1200 GMT on 14265-285 ssb.

Log Book- G.E Ham News has a new 1962 DX log, it can be ordered from G.E. Co. P.O. Box 1009, Owensboro, Ky, (5 for 50 cents) or from a G.E. tube distributor (free) - I have 15 extra copies and will send any member one copy if he will enclose 8 cents for postage. It contains 16 pages, is punched for a 3 ring notebook, has official country list a cross index, footnotes, banned countries list, deleted countries and check list for countries, zones, states and continents. (WPE8AD)

Late report- David Knowlton, 2626 Brown Ave. Manchester, New. Hamp.

WAØAAD	N. Dakota	21400	Nov 18	1950	D K
WØUVC	Nebr.	21357	Nov 18	2008	D K
VE4SD	Canada	21350	Nov 18	2115	D K
WØPRZ	S. Dakota	21435	Nov 18	2130	D K
KØYKE	Okla.	21305	Nov 18	2145	D K

QSL's are, CO8RA, W7JVO, G3GHE, W1HLY, W4PSZ, W8TPS. HIC 16, VIC 4
Thanks Dave, but be sure to mail your report so I have it by the 10th.

QTH's- VP5TK and VP5DB go to Navy 104, F.P.O. New York, N.Y.

AP2IJ to KH6IJ	EI8P to W4)PM	H18CLU to K4BMS
HL9KH to W9VZP	PX1FO to W2CTN	3A2CZ to ON4QX
ZLLABZ to ZL2GX	ZL4JF to ZL2GX	PJ2ME to W2CTN
TF2WGT to KØUXU	5U7AC to W9RKP	9U5DR to W8BF
ZM6AW to W8EWS	HKØZU to W4BJ	VP2KJ/A to K8ONV
LA9RG/P to LA5AD	FM7WQ to W4OPM	VP8HD to G3PEK

VEØMO- HMS Bounty, This is the 3 masted sailing vessel built for the movie "Mutiny On The Bounty",.It will be sailing to several ports throughout the world, it will be active on 10,15 and 20 meters ssb using a KWM-1. QSL to Metro-Goldwyn-Mayer Studios Amateur Radio Club Culver City, Calif. - or to VE7ALE
(QTH info from CQ,QST, DX Mag, Newsletter, WPE8AD, WPE9AG, Callbook)

MEDIUM WAVE SECTION
NORTH AMERICAN SHORT WAVE ASSOCIATION

Vol. 3 - No. 1

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Endwell, N.Y.

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-Page 1-

MWDX HINTS & TIPS

We thought that it would be advisable to give some helpful tips about MWDX in this section, as the best of the MWDX season is now upon us. These tips will be of particular help to those of you not familiar with the ways and means of MWDXing.

To begin with, a few words of encouragement. Don't be afraid of a frequency that sounds like a locomotive idling. These frequencies have innumerable low powered stations, and hold some of the best DX to be had. A few of these are 730, 990, 1230, 1240, 1340, 1350, 1450, and 1490.

Secondly, don't be afraid of DXing whenever you have some free time -- even if it's around 4:00 PM local time. There are a lot of stations that sign off around 4 PM at this time of year, and you could be real lucky and get some real DX. There is no single best time for DX.

Don't be afraid to DX the same frequency more than once. You can never be sure that conditions haven't changed radically enough to bring some new DX to your antenna post. You can never DX one frequency too much.

Don't be afraid to get up early in the morning to DX. You may lose some sleep one night, but don't worry, it will be well worth it. You can't get up too early for DX.

Don't be afraid to listen on frequencies that have no nighttime stations. One such is 1580. You simply adjust your listening to the station's sign-off schedule. (Mr. Raiche is doing an article on this.)

In summation, don't be afraid to DX!

Believe it or not, there are those DXers that will swear up and down that this frequency at this time is the best, or that frequency at that time is the best for DX. There is no such. There is no one single frequency and time that is the best. One can pick up DX at any time on most any frequency. Of course, in early morning the DX will be of better quality than in early evening.

There are some frequencies that come fairly close to being "the best" (such as 800, 990, 1450, and 1480), but you simply cannot say that they are best for it.

Of course, you have to adjust your DXing to fit your schedule, and thus you will have different tastes than your DXing neighbor. One will DX solely in the early AM, another in the late evening, and yet another in the early evening or late afternoon.

Then too, your musical tastes will most likely take a beating. Most MW stations carry the Rock and Roll type of format. If you're the type that can't stand the pulsating rhythms of R'n'R mx, you're stuck. You'd best go back "upstairs" to SW. There's nothing you can do about it.

All in all, you have to dig, and then dig some more. You have to be tolerant - of rock and roll, Castro, and interference. You have to have

Hints & Tips(con't)-- the time to do a good job of DXing. You have to have the patience to really dig. You have to have a somewhat selective receiver to pick up and amplify the signals. You have to have a decent antenna. If you have a good receiver, even your bedsprings will do. We used the bedsprings here for 6 months, and finally put up the 100 foot longwire last month. These are what you need.

Don't think that just because you have a 5 tube receiver you aren't going to pick up any DX. Steve Raiche uses a 5 tube S-38E, and he has over 500 stations in his log.

Then too, don't think that just because you have a big receiver you will just float on the DX. We use a 9 tube and a 10 tube rig here, and we only have 382 stations on our log. In fact, Steve and us started DX-ing at the same time -- one and one half years ago! You see?

All in all, don't let it scare you -- jump in and dig. You'll find that it is really fun, and you'll be going back for more and more.*

May we take this opportunity to wish each and every one of you a wonderful new year -- both materially and DX-wise. It's a little late to wish you a merry Christmas, but I do hope that you all had a happy. Lot's of luck and black coffee to you on January 2nd. HI!

NOTES-- This issue marks another step in NASA history. We have been with NASA for one year now, and the MW section is now 8 months old. In this last year we have grown quite a bit, and have seen many new and interesting things added/happen to NASA. The club has grown from about 30 members to over 80. We have added several sections to the bulletin -- MW, card/tape swap, hamband, and technical. We have seen the first NASA DX program be conceived and broadcast. We have seen one contest run off, and seen the first MW contest announced. We have seen the club mature from a "still wet behind the ears" club that was using Datto to publish, to a solid little thing who is mimeographing. We are still having growing pains, though, and still need all the help and support we can get. With your help, we can continue to grow, and, in time, can become one of the largest clubs in the U.S.A. Go to it.*

QSL information-- this info is presented by you for your benefit.

KSLM	Salem, Oregon	by card - Clyde Carlton, C.E.
KGO	San Francisco, Calif.	by card - R.T. Parks, C.E.
KEPR	Kennewick, Washington	by card - John Berg, C.E. (W7JCM)
KWIL	Albany, Oregon	by card - no signer
CJCA	Edmonton, Alberta	by card - G. Skuttle, C.Tech.
KGRO	Gresham, Oregon	by letter - Jerry McPeak
KRKO	Everett, Washington	by letter - Dale Good, C.E.
CKDA	Victoria, B.C.	by letter - M. G. Doyle, C.E.
KOL	Seattle, Washington	by letter - Lloyd Channel, C.E.
KJR	Seattle, Washington	by letter - Homer Pope, Oper. Man.
KPIR	Eugene, Oregon	by letter - Andrew Walker, C.E.
KBAM	Longview, Washington	by letter - Bob White, PD
KGAY	Salem, Oregon	by letter - Keith Samples, Manager
KOAG	Corvallis, Oregon	by letter - Marian Johnson, Off. Man.
KWK	800 N 12th St, St. Louis, Mo.	by letter George T. Vaughan, C.E.
WERE	1500 Chester Ave., Cleveland, Ohio	by letter Harry Dennis, C.E.
WABC	39 W 66 St, New York 23, N.Y.	by card John Bourcier, M, RE

WHE Kansas City 15, Missouri by card - C.R. Novemaker, Stu S
 KCHI Chillicothe, Missouri by letter Howard G Rion, M
 KFAL Palace Hotel, Fulton, Mo. by letter - R.W. Nickels
 KDRO Broadway and State Fair Blvd., Sedalia, Mo. by letter -
 H.W. Brandes, SM, VP
 WTOB Winston-Salem, North Carolina by letter - James H. Hoke, CE
 WLCY P.O. Box 7158, St. Petersburg, Fla. by letter - Walter H.
 Treftz-K4UDP, Engineer
 WANN P.O. Box 631, Annapolis, Md. by letter - Merrill W. Pittman
 , CE
 WDBJ Roanoke, Virginia - by card - no signer

The preceding info courtesy of Neal Gregory, Chuck Raider, and Ye Olde Editor. Anyone got any more??

NOTES-- We should like to make it plainer that we would prefer that you do not write to radio stations for feature information yourself. This entails too much expense, and a lot of effort, and we would rather handle it ourselves. Please send your suggestions for a good DX station to Steve Raiche, and he will handle them. We cannot use all suggestions, and we cannot use 50,000 watt clear channel stations for features. We would prefer the smaller, possibly daylight stations, that everyone considers "FB DX", and would like to hear. Thx.

We would like to remind you of the contest -- upcoming on the 15th of January at 0000 EST. Logs should be set up as follows:
 DATE TIME CALL QTH kc POWER Distance from ur QTH (to nearest 100)
 This info is important. Also, please remember to note somewhere on your entry what type of receiver and the number of tubes in it. That will make the handicap system a lot easier to tabulate. Send your logs to: Steve Raiche-WPELAHE
 20 Oak Bluff Circle
 East Longmeadow, Massachusetts

CONTEST CLOSES ON FEBRUARY 15th AT 0000 EST! No logs can be returned, so make up a duplicate, or send return postage. Thx.

NASA DX programs will be on the air soon!! Our first was over WPBI-FM, in Illinois, and there will soon be some on MW. There is nothing definite to report yet, but be watching 1330 kc. on January 27th!! Should you tune in NASA DX or any other DX programs, pse report it to this section. I'm sure the station would also like reports.

DX programs for the month of January are as follows:

Jan. 7	- CJMT-1420, Chicoutimi, Quebec	at 0300-0330	NRC/CDXC
"	- CBI -1140, Sidney, Nova Scotia	at 0415-0515	NRC/CDXC
Jan. 10	- CBAF-1300, Moncton, N.B.	at 0400-0430	NRC/CDXC
Jan. 14	- WAGM- 950, Presque Isle, Maine	at 0430-0500	NRC
Jan. 21	- WNBS-1340, Murray, Kentucky	at 0125-0140	f/c /NNRC
"	- CFOX-1470, Pointe Claire, Que.	at 0330-0400	NRC/CDXC
"	- WBUY-1440, Lexington, N.C.	at 0400-0430	Test.
Jan. 26	- LZD-1000, Tauranga, N.Z.	at 0500-0507	NZDXRL
Jan. 27	- CKOV- 630, Kelowna, B.C.	at 0210-0330	NNRC

Good luck!!

MW NEWS-- The FCC has refused the applications of four MW stations to increase power to 750 Kw. The FCC noted that the superpower bids violate an existing freeze against applications for new AM stations or major changes in facilities and are contrary to a Senate resolution against powers in excess of 50 Kw. (Three cheers for the FCC!!) The four stations were WGN, WJR, WSM, and WLW.*

CURRENT MW REPORTS— May we remind you that our deadline is the 10th of the month (late reports must be here by the 12th), and to use the 24 hour EST system. *As you can see, we are trying a new format. We invite your comments/critiques.

DAVID KNOWLTON - Manchester, New Hampshire: WEMP-1250, Milwaukee, Wis. hrd 0523 w/ fair sigs. WEAV-960, Plattsburg, N.Y. hrd 1800 w/ MBS. nx. WJRZ-970, Newark, N.J. (??) hrd 1745 w/ fair sigs, over WCSH. CHML-900, Hamilton, Ontario hrd 2240 w/ fair sigs/some QRM. KMOX-1120, St. Louis, Missouri, hrd 2100 w/ good sigs/no QRM. CHS 1150, St. Johns, New Brunswick, hrd 2300 w/ fair sigs over WCOF. CEL-740, hrd 1700. (Toronto, Ontario). Thx Dave.

Bill Eddings - Altoona, Pennsylvania: CHOW-1370, Welland, Ontario hrd 2047-2100 w/ Main Street Jamboree. WGH-1310, Newport News, Virginia hrd 2030 w/ Budwieser nx/wx. WWNL-1470, Portage, Penna., hrd 0845 w/ pop mx. How about some more, BILL?? Rx-NC-188/173.

Frank J. Lendzioszek - Easthampton, Massachusetts: CHML-900, Hamilton, Ontario hrd 1950 w/ "Night Cap", a pop mx pgrm. WGAW-1340, Gardiner, Mass., hrd 1125 w/ mx/ID/Sports fm MBS. WCAT-1390, Orange, Mass. hrd 1140 w/ David Carroll & group - uninterrupted mx. WINF-1230, Manchester, Connecticut, hrd 1210 w/ ID/nx/mx. WFBR-1300, Baltimore, Maryland, hrd 1830 w/ nx/wx/mx. WMTR-1250, Morristown, New Jersey, hrd 1640 w/ s/off. WPEL-1250, Montrose, Penna., hrd 1643 w/ s/off. WHLO-640, Akron, Ohio, hrd 1903 w/ Johnny Andrews Show/time checks/wx/commercials. WLW-700, Cincinnati, Ohio, hrd 2000 w/ nx/wx/Tom Herman Sports. WRUN-1150, Utica, N.Y., hrd 1900 w/ Polish/American mx & anmts. Thx a heap, Frank. Rx-S-107

Dorsey Wood - Andrews AFB, Washington, D.C.: WADO-1280, New York City, hrd 2145. WKBW-1520, Buffalo, New York, hrd 2200. WCKY-1530, Cincinnati, Ohio, hrd 2200. CFOR-1570, Orilla, Ontario, hrd 2205. WQXR-1560, New York City, hrd 2230. CBE-1550, Windsor, Ontario, hrd 2245. KLRA-1010, Little Rock, Arkansas, hrd 2300. WCFL-1000, Chicago, Illinois, hrd 2315. WLS-890, Chicago, Illinois, hrd 2330. WCBS-880, New York City, hrd 2330. WWL-870, New Orleans, Louisiana, hrd 2345. WOAY-860, Oak Hill, West Virginia, hrd 2400. CJBC-860, Toronto, Ontario, hrd 2400. CBM-940, Montreal, Quebec, hrd 0100. CBX-1010, Edmonton, Alberta, hrd 0200. WBAP-820, Ft. Worth, Texas, hrd 0200. WSE-750, Atlanta, Georgia, hrd 0230. FB, Mike. Rx-HQ-180

Larry Marshall - Devils Lake, North Dakota: KMA-960, Shenandoah, Iowa, hrd 1830 w/ mx. KSO-1460, Des Moines, Iowa, hrd 2400 w/ mx/nx. KDSN-1580, Denison, Iowa, hrd 1700 w/ nx & sports at 1715. KIXZ-940, Amarillo, Texas, hrd 1800, w/ nx/mx. WBAP-820, Ft. Worth, Texas, hrd 1838 w/ ID/nx/mx. KOB-770, Albuquerque, New Mexico, hrd 1845 w/ ID/nx/mx. WCVS-1450, Springfield, Illinois, hrd 0200 w/ ID/mx, faded out at 0217. WADC-1350, Akron, Ohio, hrd 0245 w/ ads/wrpt/mx/ID. KEWI-1440, Topeka, Kansas, hrd 0200 w/ ID/mx. WKBH-1410, La Crosse, Wisconsin, hrd 2345 w/ mx/nx/frequent ID. KMMJ-750, Grand Island, Nebraska, hrd 1800 w/ nx/wx, s/off at 1815. Good work, Larry. Rx-S-108.

Charles Raider - Marshall, Missouri: KAAY-1090, Little Rock, Arkansas, hrd 2200 w/ VoA relay to Cuba until 0600. Up to 2200 had Buddy Carr show. WLS-890, Chicago, Illinois, hrd 2200 w/ Dick Biondi Sho.

KOMA-1520, Oklahoma City, Oklahoma, hrd 2045 w/ Chuck Dann Show.
 XERF-1570, Villa Acuna, Mexico, hrd nightly w/ religious mx & mail
 orders offers. Thx Chuck. Rx- GE 673.

Steve Raiche - East Longmeadow, Massachusetts: WCNB-1580, Comersville,
 Indiana, hrd 1729 w/ mx, s/off at 1730. They run 250 watts, and are
 my 33rd station on 1580 kc. WJSO-1590, Jonesboro, Tennessee, hrd
 1730 w/ religious pgrm & s/off. They are a 5000 watt daylighter.
 KCHA-1580, Charles City, Iowa, hrd weak w/ QRM from CBJ. S/off is
 1745. QSLs promptly. WRSL-1520, Stanford, Kentucky, hrd weak w/
 heavy QRM from WKBW w/ R'n'R mx/ads. S/off is 1730. WIRV-1550,
 Irvine, Kentucky, hrd v. weak w/ R'n'R mx/ads, heavy QRM from CBE,
 S/off at 2230. WAWA-1590, West Allis, Wisconsin, hrd w/ fair sigs
 much QRM. S/off at 2230. (Sure those last two aren't in GMT?). Vy
 FB, as usual, Steve. Rx- S-38E.

Detlef Schuler - GDR, Germany: Notes that Radio Luxembourg will be
 harder to log now, for Radio Berlin International is only about
 10 kcs down the band from them now. R. Luxembourg operates on
 1439 kc w/ 350 Kw, R. Berlin International is now on
 1430 kc w/ "great power". He mentions that RBL is on from 2100 GMT
 (1600 EST). R. Luxembourg should still be well hrd in the early AM
 however. (VIA Bill Eddings.) Thx Detlef.

Bill Harris - South Wales, U.K.: WNEW-1130, WDRG-1360, WINS-1010, WEZE-
 1260, WTIC-1080, WNDR-1260, WADO-1280, WSAY-1370, WAAB-1440, WORC-
 1310, WICE-1290, WAVY-1350, WPOW-1330, WPOP-1410, WLCY-1380, WCAU-
 1210, WHN-1050, WKBR-1250, WOKO-1460, WTOP-1500, WMEX-1510, WPTR-
 1540, WQXR-1560, QJON-930, CBN-640, CBI-1140, CBA-1070, CJCB-1270,
 CFRB-1010, CBAF-1300, CHGB-1310, CMCX-1060, PRG3-1280, PRH6-1340,
 YVQB-1020, Kuwait-1130, Iran (Teheran)-1338, Canary Islands:
 EAJ43-1412 and EFJ57-1248. Thx fr the Vy FB rpt, Bill.

John T. Arthur - Endwell, New York: WEAM-1390, Arlington, Virginia,
 hrd 0348. WLCY-1380, St. Petersburg, Florida, hrd 0403. WTOB-1380,
 Winston-Salem, North Carolina, hrd 0408. WCOA-1370, Pensacola, Fla.,
 hrd 0431. WSSB-1490, Durham, North Carolina, hrd 0455. WRDW-1480,
 Augusta, Georgia, hrd 0500. WFPG-1450, Atlantic City, New Jersey,
 hrd 0527. WGNI-1340, Wilmington, North Carolina, hrd 0543. KOIL-
 1290, Omaha, Nebraska, hrd 0202. WFEA-1370, Manchester, New Hamp-
 shire, hrd 1924. WCOP-1150, Boston, Massachusetts, hrd 0320. WKAT-
 1360, Miami Beach, Fla., hrd 0302. KSL-1160, Salt Lake City, Utah,
 hrd 0203. WITH-1230, Baltimore, Maryland, hrd 0350. WMBD-1470,
 Peoria, Illinois, hrd 0412. WBCB-1490, Levittown, Penna., hrd 0426.
 WMHI-1370, Braddock Heights, Maryland, hrd 0448 w/ DX pgrm. WTKY-
 1370, Tompkinsville, Kentucky, hrd 0500 w/ s/on. KTRB-860, Modesto,
 California, hrd 0245. WWIZ-1380, Lorain, Ohio, hrd 1658. WEEB-990,
 Southern Pines, North Carolina, hrd 1657 w/ mx/ID/s/off. WPBO-630,
 Providence, Rhode Island, hrd 2035. WVMJ-620, Newark, New Jersey,
 hrd 2103. KFBK-1530, Sacramento, California, hrd 0250. KMAM-1530,
 Butler, Missouri, hrd 0301 w/ test. WKBW-1520, Buffalo, N.Y. hrd
 0304 Dec. 10th w/ test. WKBN-570, Youngstown, Ohio, hrd 0315. CKY-
 580, Winnipeg, Manitoba hrd 0317. WDAK-540, Columbus, Georgia, hrd
 0326. WOW-590, Omaha, Nebraska, hrd 0345. GKRC-630, Winnipeg, Man.
 hrd 0350. WTAR-790, Norfolk, Virginia, hrd 0355. WCSC-1390, Charle-
 ston, South Carolina, hrd 0405. Whew! Rx- KT-320.

DEADLINE JANUARY 10th.....DEADLINE JANUARY 10th

SCOREBOARD-- The following is a tabulation of your totals and
as sent to me.

HRD/ QSLed	STATES QSLed/COUNTRIES	BEST DX
Steve Raiche - 500/210	37/7	4401 AM/NKPC/ENITIC
Arthur - 400/450	24/4	4100R/uojs
Harshad - 370/171	21/3	067-W LR. 0650
Steve - 029-0810	075	065-101 9320
Steve - 0315	070	065-101 9320

Hi Gang! This article will lick off a series that I am sure will be a pioneer in any DX club. Actually the FB article by our own John T. Arthur last month kicked us off, but from now on I will be taking the editorship of this feature sub-section which we will call MW EXTRA. It will deal with one specific MW station each month, and will give much detailed information on it. If you have a favorite/special station, perhaps a popular local or your best DX catch, don't fail to send it to me. Only the station call and address will be necessary, and I will get all the other information myself. The contributor, of course, will get credit. Send all suggestions to: Steve Raiche, 20 Oak Bluff Circle, East Longmeadow, Massachusetts.

This month's feature station is a very popular "good music" local right here in my home town of East Longmeadow, Mass. The station is WTYM, a 5000 watt daytimer on 1600 kc. WTYM, or "beautiful TYMe music", as they call themselves, has been in operation since 1958 from the same location. Previous to the issuance of their present license, they were WJKO, still a popular station in the area.

The transmitter is a home-made job which takes up a good part of the station's cellar. It was built in 1948, but still packs an FB signal all over the area. The modulation is usually kept at a peak of 90%, which enables the signal to be heard over a large portion of Massachusetts, Connecticut, and part of Rhode Island. However, some reception reports have been received from as far away as Virginia and South Carolina. The antenna is a huge, slender, non-directional mast, which stands 213 feet high, located at about 250 feet above sea level. The tower is located in the nearby marshy lands on the southern part of our town, in the middle of the tobacco producing lands. This marsh, which is very soggy ground, produces an excellent antenna ground, which probably accounts for why they get out so well in the distant areas.

As was mentioned before, WTYM is a daytime only station. This means that they are licensed by the FCC to operate between the hours of local sunrise and local sunset. They sign on at 0600 EST, and their sign-off varies as follows: January-1645, Feb.-1715, March-1800, April-1900, May-2000, June-2030, July-2030, August-2000, Sept.-1900, Oct.-1800, Nov.-1630, December-1615 EST.

In the line of reception reports, WTYM has received about a dozen reports so far from several states. According to the person I spoke with, the station rarely gets any reports from the western states. This is probably due to the early sign off times, when it is still daylight in the west. Probably the most outstanding DX loggings in MW DX history was made by WTYM. A few years ago, a telephone call was received from a DXer in Alaska who was listening to WTYM at the time. The time of the logging was 1400 EST (1100 Alaska time). Right at the middle of the day. I wouldn't mind being that DXer at all! In conclusion, let me thank the fine people at WTYM for their help in this feature, and let me remind you to send me your suggestions for future station highlights. Let's see how many NASA members can log this one!

Steve Raiche

If you care to send a report to WTYM, their QTH is: 567 Shaker Road, East Longmeadow, Massachusetts. They will gladly QSL your reception. Next month we will feature WPOR, Portland, Maine.

MW NEWS-- Bill Harris passes along items on several European stations. Radio Berlin International now operates on these new frequencies: 11015 kc and 1133 kc (Pgrm 1500-English, 1515-Dutch), and 1430 kc (Pgrm 1645-French). Power not certain as yet. Reports are that Tirana, Albania has increased power on 1358 kc to 50 Kw plus. Radio Moscow operates on 935 and 998 kc w/ the North American Service from 1800. They never announce these frequencies -- just the SW ones. (Thx, BILL.)

HELP WANTED-- Steve Raiche would like to know if anyone has any info on a W--C which was hrd on 1560 kc. They were hrd signing off at 1745 EST in early November, and announced for 1000 watts. QRM from WQXR prevented a positive ID..... Also a WA-- on 1560 kc, announced for 1000 watts in Alabama. S/off 1745 EST. Anyone have any ideas as to what those might/would have been??

There are going to be some duplications of Class I-A clear channel stations. 13 presently clear channel stations will have nighttime interference sometime late this year. The new Class II stations may be located as follows:

- 670 kc: in Idaho
- 720 kc: in Nevada or Idaho
- 750 kc: to KFQD, Anchorage, Alaska
- 760 kc: to KFMB, San Diego, California
- 780 kc: in Nevada
- 880 kc: in either N. Dakota, S.D. or Nebraska
- 890 kc: in Utah
- 1020 kc: in New Mexico
- 1030 kc: in Wyoming
- 1100 kc: in Colorado
- 1120 kc: in California or Oregon
- 1180 kc: in Montana
- 1210 kc: in Kansas, Nebraska, or Oklahoma

While that wouldn't be too nice on the signals of the stations presently located on those frequencies, it would make a lot of the states much easier to get. (Info thx to Bill Hutchinson.)

We received info on WQIZ from Bill Hutchinson. WQIZ operates on 1300 kc, out of St. George, South Carolina. They use 500 watts, and operate daytime only. The CP was issued in mid-October, and they seem to be on the air already. That's fast work!

WBRY is supposed to QSL. According to the NRC bulletin, the signer is Mr. John J. Tomasiewig, CE. (Thx to Bill Hutchinson)

Due to numerous requests, from now on we will be listing your DX loggings using GMT. This will make it much easier for all hands -- especially considering the overseas members we are getting now. Most active DXers know how to convert GMT to their local time, but many of them are lost when trying to convert EST to their local time. Please take note of this. Thx.

Do the following QSL? WCOA, WADC, WSSB, WRDW, WGNI, WFEA, WKAT, WWIZ, WEEB, KTRB, CKOT, CKSO, WNOX?? Pse notify me if they do. Thx....

We've been getting up early Monday mornings, and finding it FB for DX purposes. (You may have noted this from my report.) Now if I could just log a few of those TA's.....

We think it is an FB idea for a DXer to set a goal for himself. For example, in 1962, we set 400 stations as our goal. We hit it in advance. For 1963, our goal is 600 stations. Watch out, boys!!

SPECIAL***FLASH***SPECIAL***FLASH***SPECIAL***FLASH***SPECIAL***FLASH

---NASA DX---

We have received notification that a NASA DX program will be had on February 4, 1963. We will be taped, and coming to you over:

KDBM-800 kc., Dillon, Montana.

Power: 1000 watts Time: 0230 - 0300 EST (0730-0800 GMT)

Full details have not yet been arranged, but we will be there.

Hope you're listening!! Further details in February issue!!!!!!!!!!!!

We would very much like to find out exactly how far our local screamer is carrying. If you happen to have a spare evening, or any time between 0600 and 2400 EST, we'd appreciate it if you would tune to 1430 kc., and try to log WENE. If possible, a short tape segment (of an ID, or the like) would be ideal. If not, we'd like a detailed written report of at least 15 minutes duration, and one ID per batum would be FB. We will see to it that all correct reports are QSLed. We would appreciate your cooperation in this. Of course, don't let this interfere with or curtail your DXing activities. Send your reports/tapes to John T. Arthur, the QTH is in the heading.*

We would like to reply to all correspondence received here on the same day it is received, but due to at least two factors, we have found that it is not always possible. The two major factors are, of course, time and finances. We will try to reply to everything, but it may take us a while. Rest assured that we welcome your letters/comments/tips/reports/cardswaps/information/hints/suggestions/etc..... We're sure that that goes just as much for Steve Raiche, as well. (Now, don't be like Krushchev and "bury us". HI!). We just hope that you can read our writing/typing. We're not too good at either.*

We would like to take this opportunity to remind you that when you report to this section, we would like detailed reports. We would like your reports in the following mode:
CALL-frequency, city, state (country), time, some pgrm data. sig rpt.

Also please note that from this issue on, we will be using GMT in place of EST. This will make it much easier for our new overseas members to use our reports, and vice versa. We would like your comments and criticisms on the new format we have used this time, and why you feel the way you do about it. Your opinions are the controlling factors in the section, and you are actually the "boss". Let us know.

WMHL-1370, Braddock Heights, Maryland, has a regular DX program. They sign on around 0445 Monday mornings for NNRC/NRC. The program is usually very frequent ID, in CW and voice, and announcements. They request that you send your reports in duplicate, and enclose return postage. They will verify by either card or letter, as you indicate. At 0500 (EST) they go into their regular programming, and are usually lost in the QRM -- under WTKY and WSPD, who sign on at 0500.

Best of DX es all,

John T. Arthur-WPE2CLD/2

Before I forget it "hello" to Lavoyd Kuney of Detroit, Michigan who is NASA's brand newham band editor - hope you enjoy your work Lavoyd!

This month your editor received a very nice letter from The West Haverford Radio Network. Their bulletin (a verry good one I might add) contains equipment re-veiwa somewhat on the order that I do. They have sent me a "run-down" on the RME 6900 and although it is mostly "hammish" it probably is of interest to many of you so here it is:

About twenty years ago, the Elecpro-Voice Company in Buchanan, Michigan developed their first receiver. It was named the RME 69. Today, the Electro-Voice people have come out with their latest model - the RME6900. To many this receiver is a new one on the market. Actually it has been selling for over a year.

Since the front panel is of heavy steel covered with a sheet of vinyl plastic I sometimes refer to it as the only receiver on the market with a plastic "front-end". The RME 6900 is a sturdially built receiver yet weighs only about 34 lbs. This is because of the light alluminum used in its construction

The RME 69 was the first bandswitching receiver on the market. The same pattern was followed in designing the RME 6900. It is now a single bandswitching receiver with a slide rule dial. Only one band shows up on the dial at one time. Each dial is ten inches long, weather it be from 3.5 to 4 megacycles or from 7 to 7.3 megacycles; the bandwidth is still the same. The bands - ham bands only - cover 80 through 10 meters with a special band for w w v reception.

At first the receiver caught my attention because of its exclusive feature; the "mode-master". This trickey device is a five position switch which does quite a number of things. First, it cuts off the AVC circuit and "S" meter in the "CW" position. It permits the two bandwidth selections to operate in the AM position; one at 3.5 kilocycles and the other at 2 kilocycles. It also changes the reception of upper sideband and lower sideband by means of automatically changing crystals. Single-side-band is tuned by the vernier dial with very little effort.

As of the present time, I have only one critizism to point out about the receiver. This concerns the logging scale. On the Collins 75-A-4, qevery 100 kc on the logging scale will always represent 100 kcs on the main dial. However, the 6900's logging scale does not equal 100 kcs on the main scale; therefore, direct frequency read readings are not readily available on the 6900 (directly to the kilocycle). However, this does not alter the performance of the rig in any way! I am sure that the RME 6900 will please anyone who would like to invest his money in it! (cost = about \$ 349)

EDITOR'S NOTE: This reveiw of the RME 6900 was placed in the article so as to interest anyone who thought enough of it to read it! Although the receiver is strictly to be used for the ham bands it is undoubtly of use to some people who are accostomed to that type of listening - like myself. Another reason behind its insertion was to show ~~Bill Whitely~~ Bill Whitely the satisfaction that he did a FB job on the report!!!

Before I forget the address on the Superintant of Documents is:

°° SUPERINTENDANT OF DOUUMENTS, GOVERNMENT PRINTING OFFICE, WASHINGTON 25, D. C.

So until February - keep those questions ang 'stuff coming in and the best of DX to 'ya es '73!! P. S. Why not make a resolution to ask questions every month! HI!



73 - Bill Zielinski