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NORTH AMERICAN SHORTWAVE ASSOCIATION

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" FRENDEX "

OFFICIAL BULLETIN

OCTOBER '64 EDITION

Headquarters - NASA 1503 Fifth Avenue A2 Altoona, Penna. 16602

• A WORD PICTURE

One of the most frequent questions asked in the many letters recieved here at NASA headquarters is... "What is the set-up there?" And so, in reply, the following.....

I would like to say that offices of the North American Shortwave Association are located on the third floor of the Chamber of Commerce Building here in Altoona. We are situated in the heart of the city, in the main business district. Making up our offices are two rooms; One filled with the latest and most modern styled office equiptment/furniture; The other containing our printing equiptment and the club monitoring station gear. At the touch of a button we can have heat in winter, air-conditioning in summer. Elevators are available, no need to trek up three flights of stairs. Looking out one of the many windows we get an overall view of the entire city...the distant mountains.

Yes my fellow members, that is what I would like to say, but regretfully I cant! Truth/fact of the matter is that NASA hdq, although located on the third floor, is in a humble apartment building "on the other side of the tracks" here in the city of Altoona. The two rooms we occupy are filled with only the barest and the most basic of furniture, equiptemnt. The heat is sometimes most uncomfortable in summer, many times rather chilly/lacking in winter. No elevators have we either; Just plain old leg-power. As for the view, take your pick from one of two windows and you see naught but the house or building next door. This then be the "set-up" here at Headquarters-North American Shortwave Association, Altoona, Penna. U.S.A.

APATHY RE ANARC

Much is being said about the Association of North American Radio Clubs these days. Much is good, much is not; Both are to be expected however. Yet if the individual members of the clubs which have representatives in ANARC (NASA has!) were to take more interest/action and would write to said representatives telling them their views, giving their comments-suggestions, voicing their complaints or ideas, perhaps it would inspire the representatives and give then cause to effort more sincerity. Certainly it would let them know you care and that you have the future good of ANARC as well of the hobby in mind.
Frank Peters, one of NASA reps to ANARC

is asking letters from you members. He is appalled by your lack of interest. NASA would then ask/request that you write to Frank...if you are not updated or well informed on the ANARC actions/aims, then ask Frank...or if you have complaints, if you have suggestions, ideas...inform him of them so that he will have a better idea of what you, whom he represents, wants and/or expects from ANARC. After all, it is not the representatives place or duty to speak on his own behalf, but only in behalf of his fellow-club members whom he has been chosen to represent. B.E.

"UNITY AND FRIENDSHIP!"

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

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CLUB MOTTO:

"Unity and Friendship"

"TIS A FAR, FAR BETTER THING I DO, THAN I HAVE EVER DONE BEFORE".....

There are times in the life of a man when he must cope with problems. Most of these are brought about in a personal way through vocational or educational or even such as spiritual, physical/mental or sinful idioms. They are accepted by him and he does as best he can to solve and to overcome them. He sometimes succeeds, sometimes not. Often times a man resorts to escape from his problems, he engages himself with the pursuance and the activities of a hobby. In this escape he finds a bit of pleasure and so he devotes his past-time to it. Before long he meets, by various means, new friends in hobby and in time he finds they too have thier problems and that they too take to hobby for escape and pleasure. Many times the worldly problems they face in everyday life are similar, even mutual and so tis that their relationship becomes more than that shared by fellow-hobbyists....it becomes esteemed friendship. Alas there are problems in hobby too however and so some men know not where to turn; There is no escape now; There is no pleasure; There are but problems! Once esteemed friends now scorn, ridicule and denounce, even curse. Where does a man then turn??

In last months Friendx, SWBC section "From the editors desk" column written by Doug Benson (now QRT as editor of said section)...there appeared certain criticisms. One in particular, has brought a few letters to hdq accusing yours truly of writing it, demanding retraction, and denouncing NASA and Friendx as well as stating that I, as exec. editor am responsible and have outrightly shirked my duty in that I failed to edit out such criticism. Certain of these letters go further than club and hobbywise, they fringe on personal insult/slander; These are "hurts" I do not like! Yet accept! I cannot/do not deny that there is basis to say that I shirked my duty as exec. ed. by not voiding such criticism from pages of Friendx, but I would ask understanding that the task of running a club the size of NASA is not always easy...that I am not a professional editor....that I do my best as time and conditions allow. I admit I didnt edit the criticisms in point, I didnt because fact is, I never even preread the stencils concerned. Laxity here was due my trying to compile other reports/facts/data to be included in the SWBC so that all contributing members, those whose reports/etc were rcvd here or QSP'd from Doug, would be properly credited. Laxity was due my want to get Friendx out/mailed on sked and my work re other sections/matters dealing with Friendx and NASA. I state these reasons of laxity, not as excuse gentlemen, but as explanation! Not as glory to my office in club, but as goodness for the club!

As exec. editor of NASA, I here apologize to any/all concerned whereas the criticisms were directed. Furthermore I wish to have it known that these criticisms are here now retracted in that they were opinionized by the writer rather than factualized. Friendx/NASA will not condone similar criticisms in future!

To those few who have sent letters to me regarding the criticisms, know I hold no ill feeling; Know that I understand and that too, I forgive. Also that I commend your coming to the side of your friend as friends of mine came to my side some months ago when a similar offering of criticisms were directed at me. Only difference...there was no apology, no retractions given me.

And so we have here met and have tried to ward off a situation that could easy lead to a serious problem. A problem that goes deeper than just the hobby and club with which we are connected....it fringes on the very private-personal lives of those concerned. Be it known then that I must not again shirk duties of my office, but too, I cannot permit such duties to give birth to problems which will QRM personal life. For, as I have said, when man has problems in world and gains others in hobby, it is indeed near the end of the road...a road he must travel alone, detouring not, but seeking that which is straight to Heart where all problems end, and where man knows/ finds only friend.

Thank you!

Bill Eddings, Executive Editor-NASA

'TOMORROW'

AMEN!

"He was going to be all that a mortal could be....tomorrow.

No one should be kinder or braver than hetomorrow.

A friend who was weary and troubled he knew who'd be glad of a smile and who needed it to,

On him he would gladly call to see what he could do....tomorrow.

Each morning he stacked up letters he'd write....tomorrow.

And thought of the folks he would fill with delight....tomorrow.

It was too bad, indeed, he was busy today, and hadn't a minute to stop on his way;

More time I will give to others he'd saytomorrow.

The greatest of workers this man would have been....tomorrow.

The world would have known him had he ever seen....tomorrow.

But fact is he died and faded from view, and all that he left here when living was through,

Was a mountain of things he intended to dotomorrow." (Tnx to Dick Jenneman)

WHO, ME?

Xvxn though my typxwritxr is an old modxl, it works quitx wxll xxcpt for onx kxy. Thrx arx 41 kxys that function, but onx not working makxs thx diffxrxncx. Somx-timxs it sxms to mx that our organization is not unlikx my typxwritxr in that not all thx kxys work proprly. But you say, "Wxll, I am only onx pxrson; I wont makx or brxak thx club". But, a succxssful organization, to bx xffctivx, rxquirxs thx activx participation of xvxy mxmbr! So, thx nxxt timx you think your xfforts arx not nxxdx, rxmmbxr my old typxritxr and say to yoursxlf..."I am a kxy pxrson in our program and I am nxxdxd vxry much." (Tnx to Dick Cohen)

THANKS!

Sincere thanks to the Amatur Tape Exchange Assn.(ATEA), 5411 Bocage St., Montreal 9, Quebec, Canada...for their kind words and noteriety given NASA in latest edition of "Feedback", monthly publication sent to all ATEA members. (Anyone who does more than just dabble in recording and who may be interested in joining a tape club, we heartily recommend the ATEA.)

* * *

With deep regret, heartfelt sympathy, we inform you of the passing of the father of member Lavoyd Kuney. He was 90.

CUBAN QRM

From member Ken Austin/Canada, comes word that the Cuban Postal Service has now put on restrictions which disallow parcels to be sent to Cuba from Canada. (This means that items to member Oscar Reyes can no longer be mailed!)

4 SALE

Lafayette HE-29C WalkieTalkie, complete with all accessories and xtals for channel 9. In excellent condx. Write: WPE3FQS, 6917 Chester Ave., Philadelphia, Pa. Ameco Radio Amatur logbook. Approved by FCC for mobile or fixed use. Write: WPE1-19 EWL, 39 Neptune Ave., Winthrop, Mass.

BIRTHDAY'S

Many happy returns to Michael Ware, Peter Glenn, Bill Sparks, John Maher and Sammy Brown, NASAers who celebrate birthdays this month. Here's hoping they can have their cake and eat it too!

PLEASE!

When writting hdq (of any club) please be so good as to enclose return postage or an SASE for reply when warranted. It will speed such reply and also save the club extra postal expense. Tnx!

CRITIC

A NASAer from New York, commenting on the September edition of Frenx, sed in recent letter that it was a "Silly Jackass" who wrote up the article on the "Laughing Jackass" (Kookaburra bird of Australia). He further sed it was uninteresting and a waste of space. (Hdq would like to mention that this particular OM has never sent in any reports or articles for Frenx...and as for the "Ass" part....takes one to know one!)

* * * * *

"Any man thinking himself the most intelligent is...to the contrary...STUPID." BE

Leo Fleury/WPE2KUR, 1075 Grand Concourse, New York, N.Y. Using an SX110 w/longwire and rhombic antenna, Leo does his DXing on MW, SWBC, ARO and FM bands. He also has an HE90 and HB333 for CBing. As for his most prized QSL to date, that for hearing Sputnik 1 is tops. Other interests are cine and still photography, cardswapping and awards/certificates. Leo sez "I am single, 49 and love to travel. Will try for my ham ticket soon. Am a pilot by vocation, am presently super-intending. Hrd of NASA via a friend."

NEW MEMBER

WELCOME

Tony Cinquini/WPE3FQS, 6917 Chester Avenue, Philadelphia, Pennsylvania. "I am 16 and have been DXing for six years. Rx are a Knight SpaceSpanner and a Knight R55. I use two antennas, a 25' longwire and a Regency AAL. Am interested in cardswapping and certificates, also gymnastics. Joined NASA via Bob Moore."

W.R.Davis/WPE applied for, P.O.Box 1684, Ocala, Florida. "Born in St.Louis, 1916. I have lived in Memphis, Atlanta and now Ocala. A, 6' tall, weigh 200. Am salesman and been with same company for 26 years. On aircraft carrier in Pacific during WWII. Rx is an HE80, antenna a vertical 35' high. Prefer to DX SWBC and/or ARO bands. Have an interest in certificates and photography. First hrd of NASA via RCSWC broadcast."

Joe Mauriello/WPE2AJS, 46 5th Avenue, Haskell, New Jersey. "Age is 51. Am volunteer fireman; Past commander of American Legion Post. ARO DXer from 1930 to 1963...now tune only utility (ship) freqs. Use an S118 w/Hygain trap vertical antenna. Also a MonotorRadio DR200 w/whip and groundplane ant. Recommended to NASA by Skip McCabe."

Edwin Bolton Jr/WPE2KWQ, "Am 13 and have been DXing for a year. Rcvrs are NC190 and Hallicrafter S40A. Use a Joystick w/Joymatch #4 and a 150' longwire as antenna. Like to DX MW, SWBC, ARO and Utilities. Have 176 QSL's so far (combined). Am a cardswapper and am intersted in coin collecting too. Joined NASA via Skip McCabe."

Michael Rudberg/WPE4GHJ, 6214 Forest City Road, Orlando, Florida. "In second year of highschool; Am 15 years old. Am secretary of Orange County Students Electronic Club for my second term and am secretary of the Explorers Post 213. I DX on a Scott SW rx. Like the SWBC, ARO and MW bands. Heard about NASA from a friend."

Maurice Dill/WPE applied for, 5019 Helmuth Avenue, Evansville, Indiana. "I have always been facinated by SWDXing, but never got around to buying any rx until recently. It is a S107 w/50' doublet and all-band $\frac{1}{2}$ wave dipoles. Also interested in photography and model planes. Joined NASA after reading of it in PE..and after xamining several bulletins from other clubs, chose Friendx. Age here is 39 and I am married. My work is packaging engineer. Did some TV DXing years ago before local stations were built. Now DX SWBC only...Find the hobby alot of fun and relaxation."

Larry Erwin/WPE5DSR, Box 33, Charlotte, Texas. "Knight SpaceSpanner and Majestic 360, TrueTone 911B w/20 meter dipole make up station here. DX on MW, SWBC and ARO bands. Have 76 QSL's so far and consider one from ZLLLF my best. Am a cardswapper and am interested in all types of certificates/awards. Most DX time is spent on 20m hamband but I also listen to SWBC and MW. Am 17 and a senior in highschool. Have been DXing for about a year. Heard about NASA from "SWL".

Tim Davisson/WPE8HWC, 2885 Sanatorium Road, Akron, Ohio. "Iam a SWBC and MW DXer. Age is 16 and I am a Junior in highschool. Ambition is to become a radio anncr. RX's are an SX110 and S120, also an Admiral AM/FM. Antennas: 80' longwire and 50' longwire. Best QSL's to date are from Togo and Jordan. I'm a cardswapper and also am interstd in certificates/awards. QSL totals to date are 120 de SWBC and 105 MW. Joined NASA on recommendations of Dan Wilt and August Balbi."

Sam Rowell/ Route 2 Box 2558, Gig Harbor, Washington. At the age of 71, Sam is one of the real oldtimers at SWLing...he has been at it for 35 years. His present rcvr is an SX122 employing a 45' longwire NW/SE. Of his many QSL's to date, he prizes those from Bissau and VK2ME (one of Australia's first SWBC stations) most. Sam joins us on fellow-DSWCI/ASWLC II member, August Balbi recommendations. A former resident of Minnesota, he moved to present QTH last November. Is married and a retired railroader as well as a WWI vet. He is strictly an SWBCer.

(cont'd)

New Members Welcome....cont'd....

Anthony Jinkinson/VE3PELWO, 1640 Lawrence Avenue West, Apt.904, Toronto, Ont.,Canada. "I am sixteen years old and presently attending Downsview Collegiate Inst. Although I am planning a career in Geography, I take an active interest in radio/electronics. I especially like to experiment with antenna systems." Gear in Tony's shack includes: Heath GR91, Heath EK2, Heath HD11 and an antenna tuner. He uses a folded dipole and a longwire. DXes both MW and SWBC and has rcvd 49 QSL's thus far. Is a cardswapper, a stamp collector and is interested in photography. Tony hrd of NASA via the BDXC.

Bill Rosen/WPE4HND, 4334 McKee Street, Latonia, Kentucky. An OM of 20, Bill is SWBC and HamBand minded. He works as a stockclerk, is interested in cardswapping, photography and is an active CBer. Gear used by him: NC60 and Hammurand CB23. Antenna: 50' longwire and an Antenna Specialists M117. He sez he plans to try for his novice ticket later this year. Skip McCabe is credited with this new NASAer de Kentucky.

Bernard Koenig/VE5PELA, 1309 Victoria Avenue, Regina, Sask., Canada. "My age is 30. I am single. Home QTH is YellowGrass, Sask., have been working here in Regina for past 11 years as assistant store mgr. Been SWLing for 9 years and an official monitor for Radio Japan for 5 years. Am a 100% cardswapper and tapesponder, interested in awards and certificates, home movies, electronics and guns. QSL's total over 700 and I prize one from Radio Ciro most. Rx here is a Trio 9R59, antenna is an off center fed dipole. Joined NASA through friends Skip McCabe and Bob Binau."

(FACT: Most of our new friends come to us through our old friends!!!! NASA tnx all)and WELCOME BACK TO RENEWALS!!

Very pleased we are to announce the renewing of memberships by the following; Ken Austin, Lavoyd Kunej, Dorsey Wood, Warren Anderson, Alan Herrington and Bill Jones.

NEW/CHANGED QTH's. New mailing addresses have been rcvd here at hdq per these listed: Jerry Sullivant, 117 Bosnall Ave., Aston Twp., Chester, Penna.....Larry Marshall, Sayre Hall, Wesley College, Grand Forks, North Dakota.....Dick and Peggy Fairless, R.D.#1, Pittstown, New Jersey.....Charles Rader, 104 Young Hall, Missouri Valley Col., Marshall, Missouri.....Paul Gough, Box 150, St.Anselms Col., Manchester, New Hamp.

NOTE...It is and has been quite obvious these past months that our membership keeps expanding at quite a rapid pace, but I would like to point out that due to dropouts and/or new members joining, old members renewing, the exact number of members on the club roster changes almost weekly and is a bit of a task for hdqs to keep pace with. At time this is being written, I will inform you that should present pace continue, NASA will have topped the 500 mark by yearend. But again, factual number depends on dropouts, new members and renewals.

In line with our rapidly expanding membership, hdqs is considering a "get tough" policy pretaining to renewals especially. It may be that we will refuse renewals from those who never reported in past. We feel that it is not asking/expecting too much of anyone to report, at least three or four times a year! to one or some sections. Also, we are considering to limit total NASA membership to 500 unless/until we can setup a more unified system here at hdq whereby some of the work load be shared. All these points are mentioned in the best interest of the club and for your info!

FUTURE FRENDX FEATURES! NASA Hdq and Friendx section editors are working/planning on a number of new,member participation activities for upcoming months. A few to look forward to are; NASA SWBC TARGET, HAMBAND CONTEST, MW/BCB CONTEST, ANNUAL CDXC/NASA COMPETITION,.....It is hoped all will meet with good response, much interest de you.

MEMBERSHIP CERTIFICATES...Finally got action from the printer; He sent hdq a refund in full and sed he regretted inconveniences caused. Admitted he was in error, also he didnt have setup to do cerjifs as ordered. Hdq must now order agn, de new printer!

NASA

OCT. '64

NEWSROOM

NASA

OCT. '64

Ronald Luyster-Editor, Route 1, Flushing, Ohio

Compiled at NASA Hdq.

TOKYO, JAPAN... During the period of the Tokyo Olympics from October 10 to 24, Radio Japan will present in the respective languages, broadcasts of each regional service, live relays and interviews with athletes from various countries as well as results of various events, by extending the broadcasting hours of the news programs, and other means. In the General Service, the broadcasting hours will be extended sixteen times a day during the entire period of the Olympics. Not only the live relay of the opening and closing ceremonies, but also the live relays and results of other events will be transmitted. (Radio Japan News) See SWBC section!

NEW YORK, NEW YORK... Recent mention of "Radio Armenia" has brought information from Radio Liberty's Spencer Williams that this is a fictitious broadcasting company that is quoted in the Iron Curtain countries by people who circulate anti-communist jokes. Mr. Williams pointed out that a couple new "Radio Armenia" dandies now making rounds in Russia and the Red Dominion are: "What is the difference between capitalism and socialism?....Capitalism makes social errors, but socialism makes capital errors." (de Pittsburgh Press via Ron Luyster)

LONDON, ENGLAND... Direct telephone service was recently inaugurated between Europe and Japan via underwater cable. The new voice link goes from London to Montreal by transatlantic cable, across Canada by microwave and then by wire to Hawaii where it joins the transpacific cable to Japan. (de Pittsburgh Press via Ron Luyster)

NICOSIA, CYPRUS... British and other United Nations Force Officers are searching for a "pivate" Turkish Cypriot radio station whose signals endanger planes landing at Beirut. At least three times, pilots heading for Lebanon, have been confused by the signals and have come perilously close to crashes. Orders have been given to United Nations men in Cyprus to track it down and silence it. It is known to be inside the walled Turkish sector and operated by the so-called "Turkish Freedom Fighters". (de Daily Telegraph via Jon Gentry)

WASHINGTON, D.C... Syncom, newest U.S. communication satellite, relayed recently, "The Star Spangled Banner" in a test run. It was almost human...the thing even loused up the words in the second verse. (de Pittsburgh Press via Ron Luyster)

WASHINGTON, D.C... RKO General Inc. has petitioned the FCC to reconsider decision to grant renewal of broadcasting company radio and television licenses in Philadelphia. The FCC said it also expected to receive appeal from Philco Corp. RKO said in its petition filed that the decision should be reconsidered because it conditions the renewal upon NBC's assigning licenses to Westinghouse Broadcasting Co. rather than to RKO. RKO also said the FCC should not have dismissed as snoot, the applications of RKO and NBC for consent to the assignment of their Boston/Philadelphia licenses. (de WKBK NewsDirector, Doug Benson)

LUXEMBURG... Probably as a result of the extension of BBC radio programs, Radio Luxembourg is investigating possibility of starting day-time English programmes. The only (but considerable) trouble is to find a useable frequency! Final decision will likely be made by ITU (International Telecommunications Union) which has to approve any/such projected plan. (via BDKC, B.Edelman/JK)

AMSTELVEEN, NETHERLANDS... New "pirate" ship Radio Nordzee ("Little station of sea") started broadcasting regularly in Dutch recently on approx 1400kcs. TV station Nordzee was sked to begin operation in mid-August when radio broadcast times would then be revised. Some sources report this "pirate" as being on a newly built, man-made (artificial) island off the Dutch coast. Radio Nordzee power is 1kw. (BDKC)

MONROVIA, LIBERIA...Liberia's only TV station is ELTV. Its' only live programs are those given ELWA and newscasts. ELTV operates under joint sponsorship of the Liberian Information Service and Rediffusion of England. (de ELWA Bulletin)

WAYZATA, MINNESOTA...ELWA Home Representative reports a Mauretania Station is now transgressing on ELWA 90 meter frequency, but that Congo broadcasts are now free of interference from station who had "pirated" it not long ago. (A.G.Thiessen/SIM)

LONDON, ENGLAND...A third pirate radio ship will soon be broadcasting pop music and commercials into Britain from its anchorage outside Lancashires three mile territorial limit. It will join "Atlanta" and "Caroline" which although have been politically plighted (yet not severely government-wise) are enjoying much success in becoming vry popular with British listeners. (de Daily Telegraph via Jon Gentry)

TOKYO, JAPAN...New broadcasting devices will be put into operation by NHK (Japanese Broadcasting Corp.) in order to derive maximum benefit from broadcasts of the Olympic games this month. Some of these devices are: A close-talking microphone which will produce quality broadcasts without any interference from announcers working close together. Sub-miniature TV camera that is of ultra small size and weighs about 18oz. Separate luminance camera expected to become the deciding factor in color TV because distinct images can be obtained on both color as well as black-white sets. Slowmotion reflexes via video tape recorded by ordinary VTR. Furthermore, reproduction can be effected in 15 seconds after recording. (de Radio Japan News) See sked in SWBC page!

RED LTON, PENNSYLVANIA...NASA program over WINB went off as sked (or went on as sked) at 2100 GMT September 19th. Both WINB and NASA anticipate worthy mail in form of reports (to WINB) and comments (to NASA hdq). To those of various countries who may have heard it, they were basically informed of our hobby in general re SWBC and the efforts of friendship made possible therefrom. The major N.A. Clubs were plugged, so was ANARC. If/when air time is available again in future, we will plug other clubs. Tnx to D.Benson and Mr. Victor E. Parker for arranging the NASA WINB show. (B.E.)

NASA HDQ...Pages of next months Frendx will bring news of contests to certain types of DKers. Section editors concerned are now making plans and hdq is arranging some worthy prizes to be given winners. Contests will be open to NASAers only. (B.E.)

CHICAGO, ILLINOIS...Former radio WYNR changed its call letters to WNUS last month and emerged as an all-news station carrying four 15 minute newscasts each hour. This marks the birth of the "First all-news station in the U.S." (Station XTRA which beams news broadcasts to southern Calif., has studios located in Tijuana, Mexico). Manager Jack Fiedler of WNUS sez "We will use "hard" news throughout to encourage listeners to keep coming back to us when they want to be informed at any hour". News will cover domestic and international developements as well as stock and agricultural markets, weather, sports, editorial and guest editorial commentary. (Doug Benson-WKKB)

LONDON, ENGLAND...A voice butted into a TV commercial concerning rehabilitation for disabled workers in London a few weeks ago and suggested "a marvelous brothel in the Edgware Rd". The voice added that the brothel provided customers with a bar, plenty of food and assurance of not being "kicked out after 15 minutes". A spokesman for Rediffusion, the London commercial sender, said tapes apparently become mixed. The station apologized and said it was conducting an investigation. (Doug Benson-WKKB)

YOUNGSTOWN, OHIO...A rattling sound kept distracting/disturbing a household near here. The noise was finally traced to a woodpecker that was pecking away at the aluminum pole of a television antenna. (Ron Luyster)

Thanks to all NewsRoom reporters this month. Hope to see you come by again next time and also hope to see others join in reporting. Until then, may all your news be good!

A NASA FEATURE

"FM RADIO NOW TWENTYFIVE YEARS OLD"

Submitted by Joe Fela Jr.

Edited by Bill Eddings

On a hot summer afternoon twentyfive years ago, a few listeners in N.Y. area heard on the air, music so static-free, so without distortion, that they regarded it a scientific miracle. And, indeed that it was...for it was the first regularly scheduled of FM radio broadcasts.

The program was xmt'd by WZXMN of Alpine, N.J., the first FM station. It had been built with his own funds by Maj. Edwin Armstrong, the inventor of FM (frequency modulation), a professor of electrical engineering at Columbia University. The music was relayed by WQXR of Manhattan, which rcv'd the broadcast over a specially installed high fidelity telephone line. Beginning at 4:01 pm, misc pop mx and orchestral selections were heard, and then, at 4:30, the first identified numbered aired; Haydn's Symphony #100.

There were only 25 FM rcvrs in existance at that time, all built for the occasion and distributed among Armstrong's friends and associates. This according to research of Columbia's news department under the supervision of John Hastings. Today, some 13,796,000 persons hear FM broadcasts in this country, and there are more than 1200 FM stations in operation. With few exceptions, these stations are known for the high quality of their programming, presenting as they do, the best in music, news, documentary and cultural features.

So great is the appeal of FM that all radio stations in England and Western Germany now operate this mode. This has enabled them to triumph over Soviet attempts to jam programs beamed to listeners behind the Iron Curtain.

Something else most people dont realize is that when you turn on your TV set, the sound you hear is FM, a world-wide tribute to the genius of Armstrong, who in 1912 also developed the regenerative circuit. This carried radio out of the crystal and earphone stage and made loud speaker reception possible.

Just as many other inventors, Maj. Armstrong, who died at the age of 63 in 1954, met a great deal of opposition. Many of those who had millions of dollars invested in AM (amplitude modulation) radio broadcasting, threw every conceivable obstacle in his way. Later others appropriated his invention and there followed patent infringement suits which were fought in the courts of law for years. In the end, Armstrong won out.

Another fact not generally known is that FM radio played a vital role in the Allied Victory of WWII. Every U.S. Army tank, command car, jeep and other vehicle for shortrange communications was equipted with FM making U.S. Armies among the fastest in the field. Gen. Patton's dash across France in 1944 was made largely possible by FM mobile relay, for example.

These then are but some of the highlights which come to mind during this summer of 1964, as one remembers the life and the work on an outstanding American, a practical scientist - Major Edwin Armstrong, the man who gave us FM radio. -30-



REMEMBER !

REMEMBER !

REMEMBER !

DONT FORGET
TO
SUPPORT
NASA



DONT FORGET
TO
SUPPORT
NASA

and ALL CLUBS IN WHICH YOU ARE A MEMBER!!!!!!!!!!!!!!

PROMOTE

"UNITY AND FRIENDSHIP" !!!!!!!



SHORTWAVE CENTER

REPORTS - NEWS

FEATURING SWBC

TIPS - SKEDULES

Compiled at NASA Hdq.

All times GMT

Deadline 10th of month

What with now doing this section here at hdq, I have had my first opportunity to see the various types of reports submitted by SWBC DXers; I would then here like to make a few comments and suggestions, also requests.

First of all it is good to see so many reporters this month, they number more than in any previous month and include ye oldtimers as well as novices. It goes without saying that if such cooperation and continued support is given regularly/monthly, we will be able to offer a quite worthy section and gain it a reputation. I intend using all reports, info, facts, data, skeds submitted...both from oldtimers and novices. Those from the oldtimers to give the section prestige and to help the novice; Those from the novices so that they are credited, will stay interested and perhaps become the oldtimers of tomorrow. From the combined two classes we will learn much, even be oppurtuned to become better educated DX-wise, better friends hobby-wise. A team!!!

To the newer/novice reporters I would suggest they scan those reports submitted by the oldtimers. Note the info/data they give; Heed the tips they offer. Also to the novice, I would request all times be listed in GMT and that the reporting format as used in this months report column be followed. (Give time (GMT) prog was hrd, name or call of station, freq on which hrd (if not positive, put an "A" after approx freq), give a few details of what you hrd.) Dont report loggings that are outdated!

To all reporters I would request you mention dates of loggings; Also, when sending in reports/info/facts/data which you read/copied from other club publications, be sure to mention same so that proper credit can be given.

All reports/items for this section should be sent to NASA SWBC Dept at hdq. Tnx! B.E.

FORMAT

It is planned that the format for this section will become standardized. Various columns will be used, some regularly, some tentatively, depending on support. Main column will be that dealing with reports- "DXers Loggings", others will pretain to "SWBC Features", "QSL data", "New Skeds", "Monthly NASA SWBC Target", "SWBC News", "DX Tips and Topics", "Editorial Emits" (we hope to have SWBC editors from other clubs cooperate with us in this column by accepting our invitation to submit SWBC related editorials for content herein.) Utility column will also be included in this section until/unless support for it warrants otherwise. A column will also be contained dealing with SWBC contests, and awards/certificates available to SWBCers. This then will be our planned format, but I repeat, most part is tentative, depending on support/cooperation from you DXers. Other columns may be added in future, but again, all depends on interest/support and cooperation from members SWBC inclined.

NOTE

Anticipated are letters and questions de SWBC DXers, therefore I should like to say in advance, if a direct/personal reply or answer is wanted, return postage or an SASE must be sent. Questions considered to be of general interest will possibly be included in one of the proposed columns of this section...answers will also appear. If I feel I am unqualified to answer any particular question, I will QSP it to one of the more informed/educated officers or members and have him give answer. (This pretains mainly to questions of technical substance.) Translation service (to/from French and/or Spanish) will be set-up and announced next month. A time conversion chart will be made available from hdq to any/all interested DXers upon receipt of request for same and submittance of SASE. Said chart will pretain to GMT. Available also will be QTH's of almost any SWBC station, so that reports will reach destination more expediently. These QTH's will be taken from latest WTHB. Again send SASE!

COMING!!!..... "NASA SWBC TARGET"

NEWS
TIPS
SKEDS

Shortwave Broadcasts

NEWS
TIPS
SKEDS

IVORY COAST-ABIDJAN...has a daily, except Sunday, English xmsn in its external service at 1830-1900. It consists of a newscast and a musical interlude. 7215//11820. (Parsons)

MONROVIA-LIBERIA...VOA SKED: 3965* 1500-2230. 6035, 0300-0730., 1500-2230. 6075* 0430-0800. 7195, 0430-0800, 1830-2330. 7265* 0300-0800. 11740* 0500-0800. 11830* 0430-0700. 15315, 0600-0700, 1300-2130. 17870* 1330-1800. * new freq. (Balbi)

RHODES ISLAND...VOA SKED: 6015*//7130, 0400-0800, 1400-2130. * new freq. (Balbi)

THESSALONIKA, GREECE...VOA SKED: 7205* 1400-2300. * new freq. (Balbi)

BONAIRE, NETHERLAND ANTILLES...The following OM reported hearing tests from here on either/both 5955 and/or 9705: Balbi, Sparks, Parsons, Glenn, Peters, Rowell, Luyster, Stober, Eddings, Fronczak, Davisson.

WEST GERMANY...Add freq of 5960 to Deutsche Welle N.A. service 0455-0535. Is new. Also be informed this station will conduct tests, directed to WCNA: 6075//9606, 1045-1055. 6145//9735//11925, 2210-2220. (Fronczak)

SWITZERLAND...SBC replaces 11855 with 6165 during second xmsn to N.A. (Fronczak)

HOLLAND...Radio Nederland will replace 15425 with 9590 during its first N.A. xmsn at 2100-2150. (Fronczak)

RADIO 4VEH, HAITI...will not QSL unless IRC is sent with correct report. (Maher)

MONTREAL, CANADA...RCSWC announced that CBC will have new xmsn to U.S. and Canada. It will be on 5970, 1215-1315. (Parsons) Also another new xmsn on 11720, daily 1345-1415 in French; Noted that 9625 will replace 9585 in the U.S. and L.A. service. (Parsons)

STOCKHOLM, SWEDEN...Radio Sweden now using new freq 9705 to ECNA/WCNA at 0145&0315. Are on new freqs 9620 and 11810 to Far East 1230-1300 and to South Asia on new freqs 9765, 15445 at 1445-1515. (Luyster)

RADIO PEKING...English from here on 7035, 9650, 11080, 15060 ; 1200-1300 daily. Prog consists of thirty minutes of news, "Listeners Letterbox" and Chinese music. Although it is actually beamed to Southeast Asia, it is hrd well in N.A. (Hartweg)

TARAWA...As fall season enters, listen for this around 0730 Thursdays on 6055. (Peters)

SIBERIA...Radio Magadan on 9500 in Russian/Siberian with home service for fishermen/etc in Pacific area. Joined at times by 9390 at another location in Siberia. Can be hrd here in Washington most of 24 hours. (Rowell)

BELGIUM...New sked to N.A.; 0000-0100 on 7205//6250//9745. (Wilt)

RADIO PRAGUE...New sked to N.A.: 0100-0155 and 0330-0425 on 5930//7120//7345//9795(Wilt)

INTERPLANETARY DX!!!...The planet Jupiter was logged on 18mc with the sound like oceans roar. Hrd 8/11.(Note item page 41, August PE.) (Stober)

BANGKOK, THAILAND...N.A. Service of Radio Thailand is sked from 0415-0515 on 11910//7305//6160. (Stober)

TOKYO, JAPAN...Radio Japan will have special broadcasts to N.A. at 0000-0100 on 11780//15135 covering the olympics. (NHK News)

SEOUL, KOREA...Latest English xmsns de VOFK are as follows: at 2100, 0500, 1030 over HLK5-9640 and at 0300, 0630 on HLK6-11925. The 1400 xmsn to SE Asia is no longer aired; Also, the 0730 xmsn was replaced. (Stober, official N.A. VOFK monitor)

WEST GERMANY...M.-Dieter Oslander is the first SWBCer in the world to have earned/been awarded all NASA SWBC awards. Plaudits, congratulations and tnx are extended him. (Hdq)

LISBON, PORTUGAL...Radio Portugal DX Club data. Membership requirements-5 reception reports of the Voice of the West xmsns beamed to the listeners area (reports to be numbered 1 to 5 and to includedetails of listeners eqiptment) addressed to Sec. Radio Portugal DX Club, Rua Sao Marcal, 1-A, Lisbon. Members must send in a report every two wks on forms provided by club. Club progs will be broadcast every 2nd and 4th Sunday of the month at 0215 and will be in three parts (Spotlight on station in Portuguese world. A "guest"DX club tape. A question contest for listeners/members.) (Parsons) (Little)

VENEZUELA...New YVRW, Radio Bocono logged around 0100 on 5010. (SCDXers)

YEMEN...Radio Sanaa noted on new 5980, move from 5950. (SCDXers)

.....Help keep all SWBCers informed...Report to all clubs regularly!.....

- VOA-Liberia with program of pop music on 7265 at 0420-0428. (Mead)
 Radio Bucharest on 11815 with s/on in Sp. to S.A. at 0400 8/29. (Rowell)
 Amman Jordan in Arabic on 11810. (Rowell)
 Radio Cairo with all Arab program 0410 on 11745 8/29. (Rowell)
 Radio Omdurman 9480 in Sudanese at 0450 8/29. (Rowell)
 Radio Prague with Eng news to N.A. on 9795//7345//7120. (Balbi)
 Radio Budapest with Eng news to N.A. 9833//7305. (Balbi)
 Radio El Sol-HJNE hrd w/excellent signals lately on 5040 until s/off at 0500.
 Radio America-OAX4W on 9455A hrd w/pop music. CW QRM. (Sparks)
 Mozambique, 4925 at 0445 with morning exercises. (What kind Bill?)(Sparks)
 Radio Peking with Eng newscast on 11820. (Stober)
- 0500 DW-Germany with news/commentary in Eng on 11795. (Stober)
 Cotonou-Dahomey is usually hrd around 0545 on 4870 w/language lessons. At times seems to drift to about 4875. (Sparks)
 Lagos-Nigeria w/home service relay in Eng at 0530 on 4990. (Sparks)(Parsons)
 CFKK-Canada, the little 10 watt station in Vancouver hrd w/news. Usually this station is covered with heavy QRM, cant be hrd. Freq is 6080. (Sparks)
 Kaduna-Nigeria 6090 w/Eng news at 0530 often QRM'd by Bonaire tests. (Balbi)
 Idaban-Nigeria on 3380*w/native prog. Formerly was 6185. (Balbi) *new freq
 Radio Sante Fe-Columbia with Sp. anmts/mx on 4970. Strong at 0530. (Bondi)
 Radio Americas-Lima Peru on 9510 with Montavoni music, Sp. ID/anmts. (Parsons)
 XEQM-Merida Mexico with prog of Sistema EQM. Modern music, time checks, anmts and ads in Sp. Good signals. S/off at 0550. Freq is 6105. (Parsons)
 XETS-Tapachula Mexico on 6120 w/Sp. songs/music and ID after each. (Peters)
 Cuba on 6135 with Eng. QRMs Radio Tahiti. (Stober)
 Deutsche Welle-Germany in German at 0530 on 6100. (Stober)
- 0600 TGWE-Voz. de Guatemala on 6180 with music and political talks. (Stober)
 VOA-Greenville with special xmsn to East Africa in native lingos, Eng ID's and anmts on 6120A. (Stober)
 VLT9-Port Morsby, New Guinea on 9520 with sportscast. (Stober)
 Radio Mali which had been on 4740A with a new xtr //4835, although announcing 4870 for some time, was hrd on the new 4780A (9/8) at 0600 s/on //4835 (Sparks)
 VLR9-Australia with concert music on 9680. (Stober)
 JOZ3-Japan on 9595 in Japanese. (Stober)
 Radio Mauritania on 3222 at 0635 with chants and native music. (Sparks)
 Radio Senegal-Dakar in French w/Fr. folk music on 5960 8/28. 0635. (Rowell)
 Radio Nacional-Brazil 15290 hrd w/Port anmts and mx. (Payne)
 VLQ9-Brisbane with sports on 9660. (Stober)
- 0700 Sierra Leone BCS beginning to be hrd here with fair signals on 3316. QSL says they run 40kw. (Peters)
 Radio Australia with news on 7220. Not //7190. (Stober)(Peters)
 VOA-Liberia with "Braekfast Club" on 7265. (Payne)
 HCJB-Quito with religious prog beamed to Australian area on 6050. (Stober)
 Noumea-New Caledonia s/on in French. News at 0800. On 7170. (Balbi)
- 0800 Radio Prague 11705 with Eng news to Pacific. //15280 not audible. (Balbi)
 Radio Tahiti on 11825 with native music. Much QRM. (Payne)
 VRE9-Fiji BCS hrd at times on 3284 with Hindi anmts and music. (Sparks)
- 0900 Radio Australia with dance music on 11880. (Stober)
 Voice of Indonesia in Eng with music. S/off 0930. 11770. (Stober)
 New Zealand ZL18 9520, //ZL7 6080 s/on 0900, s/off 1145. (Balbi)
- 1000 Okinawa on new freq 11835 signs on with Eng news //7155 and 6010. (Balbi)
 Taiwan-Voice of Free China on 11860 in Eng with news/views then music. S/on at 1010. Is //6095, 9685 to 1055. (Balbi)(Mead)
- 1200 ZEW-Hong Kong in Chinese on 3940. Hrd irregularly...weak. (Balbi)
 Australia-VLQ9 Brisbane on 9660 with news and weather. Fades out 1215. (Parsons)
 Voice of Denmark on 15165 with DK Bulletin... s/off at 1300. (Parsons)
 VLT4-Paupa New Guinea logged 9/5 for the first time since March. Program was EBC type play. (Davissón) What freq Tin?? According to Radio Sweden there are

two new xmtrs now in operation here. One supposedly on 3245, other on 3385. If they are operating, they wouldnt be VLT4 however. Anyone have more exact info on this?(BE)

4VEH-Haiti with religious prgram. 11835 at 1226. (Davisson)
 Radio Peking with music and editorials beamed to S.E.Asia on 11800.1240.(Wilt)
 Radio Australia on 9570 to ECNA 1215-1315. Fair sigs. (Davisson)

1300 Radio Bangkok-Thailand. Home Service. Talks/ID's in Thai by YL anncer. Chants, oriental music. On 11910. Logged 1315-1400. Much QRM from HCJB and CW station KPH. Faded out at 1400. (Parsons) This is the relay from Home Service Fred. It is the "Transmission V" and sign off is 1400. Is a nice bit of DXing on your part OM. Hope you get a QSL! BE.
 VTVN-Saigon Vietnam on 7260 at 1330 with Eng dictation news. (Balbi)
 Perth Australia on 9610 with Eng news / 9570 Melbourne. (Balbi)

1400 Radio Japan on 11870 with Eng news, then into Japanese prog. (Mead)
 Radio Ceylon-Colombo at 1430-1445 on 11800 with native music. QRM'd.(Reinhard)
 VOA-Greenville with news and music on 6500. (Rudberg)
 BBC-London on 6050 with panel discussion type prog. 1435. (Rudberg)
 Radio Sarawak w/Eng news relay of Radio Malaysia. 7160//4950//4835. (Balbi)
 Radio South Africa on 9720. This is comm. service. Eng. news. (Balbi)
 Radio Sweden's 1400 xmsn to N.A. is "jammed to death" on 15240. (Wilt) Hrd regularly here with good to excellent signals. (Parsons)

1500 Radio Malaysia-Kuala Lumpur w/Eng Service on 4985. (Stober)
 Radio Malaysia-Singapore with music on 11935. (Stober)
 Taiwan BBC s/on at 1530 w/Eng news on 6096//7130//11825 s/off 1615. (Balbi)
 Vatican City-HVJ on 15120 w/Eng news. (Balbi)
 Indonesia, YDJ-Jogjakarta w/native talk and music/songs on 5047. (Stober)

1600 Radio Teheran-Iran 15198 in Persian. (Rowell)
 HCJB-Quito s/off Eng xmsn on 17890. (Stober)
 Radio Japan w/Arabic prog to MiddleEast and N.Africa on 9525//11780. (Stober)
 Radio N.Y. WorldWide-WRUL with country music at 1630 on 15295. (Stober)
 KEHH-Mexico on 11880 with L.A. music and commercials. (Stober) Time 1645.
 DZHS-Philippines on 11850//11920//9730 in Russian. (Stober)
 Radio Japan w/Eng news at 1645 on 9505//9740//11815. (Stober)
 FESEBBC-Tebran, Malaya w/BBC news on 7120//9580//9725. (Balbi)

1800 Enugu-Nigeria on 11755 w/children stories in Eng. (Peters)
 Radio Teheran-Iran has Turkish prog on 15198. Has Arabic prog at 1830. Also on 11730 but is QRM'd by Radio Nederland. (Rowell)
 Radio Globo-Brazil on 11805 w/Portuguese talk and ID. (Stober) at 1830.
 Radio Poland 11815 with Polish folk music festival. (Parsons)

1900 CFCX-Montreal at 1945 in Eng w/contest on 6005. (Davisson)
 Switzerland-SBC s/off of Eng xmsn to Europe and British Isles. (Davisson)
 Radio Havana on 15135 w/"commentary" in Spanish..In French on 15155. (Stober)
 Radio Jornal do Comercio-Brazil on 15145 with sports. (Stober)

2000 Radio Prague on 15175 at 2030 in Czech. (Wilt)
 Voz de Cali-Colombia on 11755 in English. (Peters)
 Teheran-Iran at 2030 with news on 15125. (Bondi)
 Emissora Nacional-Portugal 2000-2030 on 9645 w/Portuguese prog. (Wilt)
 New Zealand-ZL4 15280 s/on with BBC news. Formerly 11780. (Balbi)
 Ghana BCS on 11800 with Eng news at 2050. (Balbi)
 WIBS*Windward Islands has local news in Eng at 2035 on 15085. (Rowell)
 Deutsche Welle-Germany on 11785 in English 2020-2050. (Collins)

2100 Radio Nederland on 11730//15425 woth Eng news. (Collins)(Bispham)
 Radio Ghana with Eng news/commentary on 11800. (Collins)
 WINB-Red Lion with news/concert music. Weak and QRM'd. 11795. (Collins)
 Radiodiffusion Television Belgique on 9745 with s/on in French/Flemish.(Parsons)

2200 Radio Togo-Lome on 5047 w/French news, music. S/off at 2230. (Parsons)
 Radio Ankara-Turkey has Eng news, music. S/off 2230. 15160. (Collins)

2300 KGEI-California on 15240 in Russian. (Wilt)
 Vatican Radio on 11740 with Portuguese prog. (Davisson)



CLANDESTINE

UN ID

Who is on approx 9660 at around 1940 to 2015 s/off in French??? (Wilt) Anyone have current sked for Iceland??? (Wilt) Station on 6195A with English s/off at

0500. Gave freqs, but too weak to calrify. Who??? (Stober)

- Brazilian on 4995A with dance music and a five minute period of commericals at five minutes before the hour. No clear ID. Is it Radio Brazil Central??? (Stober)
- What Venezuelan is on 9630A at 1100-1230 w/news and commercials??? (Davisson)
- English program with OM and YL anncers on 7345A at 2000. Who??? (Davisson)
- French speaking on 3227 with "Journal Parle" at 2000. Who??? (SCDXers)
- African pop records presented in French at 2125 on 11780A. Who??? (SCDXers)
- Whats the station with Arabic chants on 6200 around 0445??? (WMRC)

EMISORA OFICIAL de ANGOLA

Emisora Oficial de Angola is the main radio station in the Portuguese Province of Angola. Its' Portuguese and French transmissions are made with a power of 10.3kw and 10kw. The omni-directional antennas are used in transmssions to the nearby districts and Portugal. The station does not broadcast advertisements. Identifications are as-"Aqui Portugal, Emisora Oficial de Provincia de Angola, Luanda" and " Ici Luanda, Radidifusion official de Province Portugues de Angola". The IS is a famous Portuguese march "Maria da Font" played on the guitar. Reception reports are appreciated and should be sent to the Technical Director, Box 156, Luanda, Angola. Freqs are 9765 and 17705. Correct reports are verified by QSL card. (RPDXC, de Fred Parsons)

WELCOME HOME "COURIER"!!!

"For twelve years the American Coast Guard cutter "Courier" lay anchored off the Greek Island of Rhodes beaming radio programs at the middle East and USSR. It has recently come home to Yorktown, Virginia, ending its(the longest) tour of duty for anyship outside continental waters carrying the U.S. flag. The Courier was first equipted with a VOA xmtr and sent to the Mediterranean in Sept.'52. In July'64, a shore radio station was built on Rhodes and took over the broadcasting chore from Courier. There has always been something "romantic" about an American ship stationed in Greek waters, broadcasting the views and beliefs of a relatively new and great nation from the cradle of much of our civilization. Pericles would have loved it and his great oared ships would have been amazed. Welcome home Courier, we are proud of you." (De Milwaukee Journal via Bob Kallis...Reprinted from "SWL")

TECHNICAL TIPS

The antenna:

Fair shortwave reception, first of all, presupposes an adequate recieving unit of which the antenna is the most essential accessory. Besides being responsible for the radiation of waves, it, as a part of the rcvr, is to pick up from the air, the bulk of energy radiated. The quantity of energy the rcvr is fed with is proportional to the antennas quality. Among the various types, the tuned antennea should be first mentioned. Its length is tuned to the respective wave-length. However it must not be overlooked that a change of frquency or of the station tuned in would entail the respective change or reorientation of the antenna. Usually though, one is not prepared to make efforts of such extent. The aperiodic(longwire)antenna is of a simpler type. It merely consists of a wire expanded in its entire length and the one end of which is connected to the rcvr. It should be mounted as high as possible above the ground;Both ends should be carefully insulated. It should also be oriented according to the respctive reception areas. Both the height and the length of the antenna depend on local conditions. The proper length, by the way, should result from experiment. On the one hand, strong reception is effected by an antenna of maximum length...on the other hand, the length should not exceed a certain extent as some rcvrs lack provision and will show additional reception disturbances. (De "Hallo Friends" DW-Germany bulletin)

QSL

Q
Q S L
L

REPORTS - INFO - FACTS - DATA



Bob Reinhard...QSL rcvd from ZNE4V (formerly ZRE4I) Basutoland in less than month. QSL from Dakar, Senegal in two weeks. QTH for reports to Malawi: Malawi Broadcasting Corp., P.O.Box 453, Blantyre, Malawi.

Les Collins...Radio Havana verified after four months. R.Australia took six months. R.Brazzaville, Congo QSL'd in three months.

Frank Peters...QSL just rcvd from Tarawa for report of April/May '64. Signer was Iosefa Elisala, acting BCO.

Bill Sparks...Letter in Spanish was rcvd from XEX70C, 6045, in 15 days. It was followed by a prog sked in Sp. which shows reg progs of classical mx until about 0500. After 0500, or at end of reg sked classical prog, the station seems to broadcast pop (Mexican) mx until 0600 s/off.

Leo Fleury...Lagos, Nigeria, 15250; RTSR-Vilnius, Lithuania, 7310; Radio Atlantico, Canary Islands 9400; and Bissau, Port. Guinea 5017, all QSL'd/veried.

Lou Stober...Radio Brunei veried in two weeks with nice card.

Ken Weaver...Most recent QSL's here are from Radio Hanava, Radio Nederland, Radio Bucharest, and SBC Switzerland.

Fred Parsons...Were anyone to ask which I consider my best QSL, I would be apt to tell them Radio Beirut or Radio Baghdad. But my most prized comes de a station far less worldly. The neat card from Radio 4VEH takes this honor here. It is similar to those from rare South Pacific/Asian catches (such as VRH Fiji), plus the fact it was my first card. This is what gives it a place of high esteem here."

Radio Canada SW Club...The following is list of verifying stations: Abidjan, AIR, Algeria, Ankara, Australia, BBC, CBC, Colombo Ceylon, DW Germany, HCJB, Radio Nacional Espania, Ghana, Cuba, Iran, Japan, Lebanon, Leopoldville, Morrocco, Radio Nacional Brasilia, Peking, Tunis, Ethopia, VOA, UAR, RBI. (Parsons)

Sam Rowell...Reports sent, but no QSL's rcvd from following: AIR, Delhi; Conakry; Djakarta, Indonesia; Radio Nacional TV, Columbia; Radio Baghdad; Radio Amouta, Bolivia.

August Balbi...Verification letter rcvd from Bonaire. Stated QSL would be sent later. (Several OM have rcvd these letters saying same thing. They are wondering if letter can be considered a verification for report. I would say they can be in that I doubt the station official would promise a QSL card unless report was correct and thus verified. Technically however, an official/athorized verification is supposed to mention date, freq, time related to report. Too, it should be signed by a station official; Contain wording in effect that "this is to verify"...etc. B.E.)

Bulletin

News Release via ANARC Hdq.....Shortwave Listeners in North America and other parts of the world may have an opportunity to hear rare African Station this winter.

The Association of North American Radio Clubs (ANARC), the federation of all major listeners clubs in the U.S. and Canada, has arranged with the staff of Radio Gambia, Bathurst, Gambia, to broadcast a special program for DXers from 2000 until 2045 hours GMT on December 15, 1964 via frequency of 4820kcs. A.P.Cox, broadcasting officer for Radio Gambia, has kindly cooperated with ANARC in making this program (consisting of music and amts in English) for DXers possible.

All reports will be answered and correct loggings will be verified. Reports of reception and inquiries concerning the broadcast should be sent to..."Special Broadcast" Association of North American Radio Clubs, P.O.Box 372, Kenosha, Wisconsin, USA. (DO NOT send to Radio Gambia!!) Eventually, all reports rcvd by ANARC will be forwarded to Radio Gambia for thier files.(Don Jensen, Exec.Sec.ANARC)

UT O L O T O E S

COASTAL STATIONS AND SHIPS(PHONE)

- 2182 The Wolverine calling the Sparton at 1815 (Mauriello)
- 2182 WGEB Tanker Mobilfula at 0755 calling WCM (Mauriello)
- 2182 KCIX Tanker Electric Marine w/radio check at 0750 (Mauriello)
- 4372 WCM Pittsburgh calling M/V Reliable at 1820 (Mauriello)
- 4372 WB3193 Southland at 0735 calling WCM Pittsburgh (Mauriello)
- 2406 WFEQ SS African Pilot calling WOU Boston at 0750 (Mauriello)
- 2782 WD2786 Towboat Ploggywog at 0640 calling WGB Norfolk (Mauriello)
- 2782 WD4277 Towboat LadyRae calling WCM Pittsburg at 0645 (Mauriello)
- 2142 NTGR USN Carrier Lake Champlain at 1315 calling WGB Norfolk (Mauriello)
- 4732 WD8114 Towboat Inca calling WCM Pittsburgh at 0730 (Mauriello)

FIXED(PHONE)

- 4460 RTS St. George, Bermuda testing/rcvr alignment at 0138 (Bondi)
- 9510 RC Puerto Rico testing/rcvr alignment at 1230 (Bondi)
- 16038 ORI26 Belgium T&T working on SSB at 1610 (Stober) QSL'd.
- 9490A RC Puerto Rico testing (SSB) at 0330. Veried by letter (Stober)
- 15020A NAV3 Fort Allen, Puerto Rico. US Navy station testing at 0220 (Fleury)
- 18415 PZA79 Paramaribo, Surinan hrd-w/SSB marker at 0835 (NNRC)
- 19230 SZF40 Athens, Greece w/SSB marker hrd at 1300 (NNRC)

SHORTWAVE CENTER REPORTERS THIS MONTH....Many thanks to each. Hope you all will be regulars and that others will join you in months to come. Comments/suggestions welcome!

- | | | |
|--------------------------|---------------------------|-----------------------|
| August Balbi-California | Fred Parsons-Ontario | Dan Wilt-Ohio |
| Bill Sparks-California | Ken Weaver-Pennsylvania | Ron Luyster-Ohio |
| Dick Mead-California | Bob Reinhard-Pennsylvania | Tim Davisson-Ohio |
| San Rowell-Washington | Joe Mauriello-New Jersey | Lou Stober-Oregon |
| Tom Bisphan-Pennsylvania | Vince Bondi-New York | Frank Peters-Illinois |
| Ray Fronczak-Missouri | John Maher-Connecticut | Dick Little-Texas |
| Jerry Hartweg-Michigan | Leo Fleury-New York | Pete Glenn-New Jersey |
| Les Collins-New York | Gary Payne-California | Editor-Pennsylvania |

As you will note, this represents a pretty good "cross-section" except for area in south U.S. We could also use more reporters from the mid-west and from our various overseas SWBC members.

I would like to again request everyone to try to organize submitted reports so that I prearrange them before stencil-cutting time. Kindly make up your reports per the followingplease!

Time(GMT) Stations/Calls Frequency Some prog details Date hrd

Another thing...if/when you submit items/reports/news/facts/data that you have read and copied from another publication, be so good as to credit that publication so that we can do same. A few reports were rcvd this month and although reporter did not say they were taken from SCIXers, it was quite obvious here and thus we credited them to SCIXers rather than to the reporter. This is the fair thing! The HONEST thing!!!!!!

Until next month then...good listening to all. Keep the lower bands in mind now that fall is here, winter approaching...tis sed they will offer best DX. Hope you get ur share and that you remember to report.

*DX
73, Bill*

Watch! Wait! Look for....."NASA SWBC TARGET".....Coming soon!