
**NORTH AMERICAN
SHORTWAVE
ASSOCIATION**



*****FRENEX*****

OFFICIAL BULLETIN

VOL. III NO. 1-2/1964

HEADQUARTERS

1503 FIFTH AVENUE

ALTOONA, PENNA. 16602.

CLUB HDQ. NEW QTH

OVERSEAS FEE UPPED!

Please note the new QTH for club Hdq. This Membership fee for new overseas members is effective immediately! Address all mail henceforth \$4.50 per year. However, present to this QTH until further notice. Kindly be overseas members in good standing may renew good enough to pass notice hereto to any & at previous rate for one additional year if all other clubs as well as individuals you done before expiration date of thier curent have contact with via mail. Tax! term of membership.

"REAL LISTENING"

The key to listening is selectivity! You stand guard at the ear gateway to your mind, heart and spirit. You decide what you will accept....

Listen to the good. Tune your ears to love, hope and courage. Tune out hate, gossip and resentment. Listen to the beautiful. Relax to the music of the masters; Listen to the symphony of nature. Listen with your eyes. Let your imagination make real the "sounds" expressed in a poem or a picture. Listen with patience; Do not hurry the other person. Show him the courtesy of listening to what he has to say no matter how much you may disagree. You may learn something. Listen critically. Mentally challenge assertions, ideas, philosophies. Seek the truth with an open mind. Listen with your heart and practice empathy as you do. Put yourself in the other persons place and try to hear his views understandingly. Listen for growth; Be inquisitive and ask questions. ~~Everyone has something to say that will/can in ways, help you to grow.~~ Listen to yourself. Listen to your highest aspirations, your noblest impulses, your deepest yearnings. Listen too, with the ear of intuition for the inspiration of the Infinite. (W.A.P.)

MIMEO FUND

The following is the latest up-to-date data regarding our mimeo fund. Contributors and donors: Doug Benson \$5, Neal Gregory \$2.50, John Arthur \$5, Nick Vrettos \$5, Frankie Endzioszek \$1, Joe Fela \$5, Dave Alessi \$2, Ted Templeton \$2, Walt Smart \$1, Hector J. Pressa \$5, Jerry Sullivant \$1, Paul Bassiri \$1, Alan Herrington \$1, Ken Austin \$5, Harvey Young \$1, Dick Little \$1, Rudy Welk \$1, Laveyd Kuney \$1, Larry Marshall \$5, L.P. Inler \$5, Steve Raiche \$5, WPE \$10...Pledges: Dorsey Wood, John Ball, Robert Newhart, Rick Roll, Phil Fielding, Frank Stone.

HELP ALL CLUBS AND THE HOBBY! PROMOTE "UNITY & FRIENDSHIP"!!

NOMINATION NOTES

First I want to thank those of you who took the time and showed interest by submitting nomination ballots. Second; I also wish to thank you for your overwhelming vote of confidence in me....seems I will run unopposed for reelection to exec. editor office in the upcoming election. Thirdly; "Congrats" to the following OM which have been nominated to run for office as board of directors (three to be elected). Some of you have been contacted by hdq, others have not; So will ALL whose names follow here, please advise hdq right away, whether or not you wish to be listed as candidate in the upcoming election. You have been nominated, now it is up to you to decide if you will run. It is very important that you give this matter much thought. Tnx! Too, I would like to make known the fact that not all nominees are here listed due the reason they have been contacted by hdq and they stated they do not wish to run for office. Here then is the list of OM who are asked to contact hdq and state whether or not they desire to be placed on the roster of candidates for board of directors offices in upcoming election:

- | | | | | |
|--------------|-----------------|------------------|----------------|-------------|
| Ed Barkowski | Frank Lenziozek | Frank Stone | Tom Cardullo | Joe Fela Jr |
| Lavoyd Kuney | Nick Vrettos | Ted Templeton | Ron Luyster | Dick Little |
| Doug Benson | Don Jensen | Paul Kirkpatrick | Larry Marshall | L.P. Imler |
| Dave Alessi | Steve Raiche | Odis Woodward | Harvey Young | John Arthur |

(a few other OM were also nominated, but due the fact they are no longer members who are in good standing....they have not renewed membership....their names do not appear above. Again I request that those whose names do appear in the list, please inform hdq promptly as to whether or not you wish to run for the office concerned in the election upcoming!!!

GREETINGS/WELCOME NEW MEMBER-Tom Hummer/KN3FXS, 1065 West Main St., Ephrata, Pa. 17522. Recommended by former NASA member Dick Few, Tom is fourteen years old, attends 9th grade and is interested in stereo, recording and all kinds of radio. As you note, he is also a novice ARO. His gear consists of an SX-110, an HT-40, 15' longwire antenna and a yak box (recorder) made by Westinghouse. He is both a cardswapper and tapesponder. For DXing he digs the SWBC, BCB and HamBands. Tom assures us he will be an active member.

WELCOME BACK TO RENEWALS-Neal Gregory, Ron Luyster, Don Erickson, Earl Fisher, Tom Mar, Dave Alessi, Paul Gough, Curt Webber, Tom Bispham, Ed Barkowski. It is always a happy occasion to see old members renew, especially when they are of the calibre these here mentioned are known to be. So to all of you...welcome back "home"!!!

NEWS	FACTS	<i>Last Minute</i>	DATA	INFO
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The following additional donations have been rcvd for the mimeo fund; Peter Drew \$1.10, Phil Flickinger \$1.50, Ed Barkowski \$5.00, Tom Bispham \$1.25, Don Erickson \$1.00 These are plus those listed on frontal page. Mny and sincere tnx to all!

Jack Keene informs us that the deadline has been moved up to the 17th of the month for WDXC (See last page in this edition of Friend!) Also added are certificates awarded to the #1, 2 and 3 entrants of each contest. Too, since FSDXC has disbanded, the KYDXA has replaced it. (KYDXC-Kentucky DXers Association).

The DSWCI recently held elections and various new officers were voted in; As a result, new hdq QTH is now- Danish Shortwave Club International, Box 6, Norresundby, Denmark.

Late mail rcvd here at hdq these past few days shows an increasing number of inquiries re membership in NASA. Majority is from former FSDXCers and a number from ASWLCers. As to the latter, most ask if I know anything re the "silence" on the part of it.....All I know is that I and various other OM from other clubs have not rcvd any replies to mail sent to new ASWLC hdq. I would like to suggest however, to members of ASWLC, that they do not give in to hasty decisions; Do not believe all you hear via the grapevine! Wait until you get official word from the new or former ASWLC hdq!!!

CLASSIFIEDS

WANTED: Workable Q-Multiplier. Outside condx not important, but must work. Pse describe and state asking price in your first letter. WPE2MI, 2709 Balltown Rd., Schenectady, N.Y. 12309

WANTED: Used reciever needed as standby. Must be in wrking condx. Give make/model and asking price in first letter. WPE3BWL 1503 Fifth Ave., Altoona, Pa. 16602

WANTED: Used CB gear. Must be reasonably priced. Especially interested in 100mw "talkies" and other rigs w/tunable rx. (On 5w rigs, xmtr need not work. WPE2CLD/6 1758 Branham Lane, San Jose, Calif. 95124

WANTED: Your ideas, suggestions, thoughts and opinions on how to improve Friendx. Write NASA hdq.

WRTH ORDERS

Hdq should have made clear, in the last issue of Friendx, when it contained a brochure on WRTH, that the price is \$3 a copy. Too, this (WRTH) is the only book supply here at hdq...all others on the order form can be ordered through hdq, out will come via Denmark. Also, only the WRTH can be gotten at discount. Therefore it is suggested that you order only the WRTH from here and that you send direct to Denmark or to Gilfer Associates, Box 239, Park Ridge, N.J. for the other. Tnx!

UPCOMING

Plans/arrangements are being made to have some extra features in future issues of Friendx. A few articles on VHF (six meters and TV) by Paul Gough for example. Also an article on Coast Guard Radio promised by Dick Jenneman. An article on latest developements regarding radio in Kenya, by an exchange student at Juniata College (near Altoona) whose home is in Kenya. And too, a real college Prof's opinions on ARO/SWL re "Unity and Friendship". He is K3IML. Is an assoc. prof at Penn State University. Besure to read all pages of this and all issues of Friendx. Mark my words....it will become one of the most versatile and interesting of the hobby field. Know yee however....t'will take time, effort and cooperation. Better to progress slowly and meet success than to progress rapidly and meet failure! (Oh how true!)

HELP NASA "SOAR IN '64!!!!

NASA REJECTS MEMBER!

A week or so ago RBI sent us their latest sked. Along with it was a form letter in which they asked to be considered a member in order they rcve all issues of our club bulletin. They were willing to submit the necessary fee. However, being that it is not possible for other East-Berliners to mail money out to western countries for purpose of joining clubs (as was the case of Detlef Schuler), I feel it would be anti the ideals of NASA were we to accept RBI in that they are most certainly one of the Communist organs. Since the individual OM in East-Berlin is denied joining other clubs (western) by not being able to pay for membership...WHY should we accept that from an organization which seemingly would use our bulletins for other than Unity and Friendship as we NASAers believe in? So, acting as exec. editor of the club, I have ignored the letter and therefore deny them membership. Watsa you NASAers on this???? Also, since it was a form letter which was rcvd here, no doubt it has been sent to other clubs too; I wonder how they reacted? And one final point; Please know I do not mean to infer/suggest that members refrain from sending reports to RBI and/or other communist stations; This is strictly to the descretion of each individual, be he an SWL stateside or anywhere.

SWL-CHC TROPHY

All certificate hunters in North America will be happy to know that NASA will award an annual trophy to the yearly high SWL-CHCer in N.A. just as the GIXC is awarding a trophy to the highest SWL-CHCer in VE-land. MNRC is also expected to follow along with the awarding of a trophy too, but as to details or to whom such will be given, none are known as yet.

Membership in NASA is open to any/all who are interested. Fee per year is \$2.50 to resident of N.A. (bulletins mailed via 3rd class unless otherwise arranged) and \$4.50 to residents elsewhere (bulletins mailed via first-class sea mail unless otherwise arragned). Application forms can be had by writting club hdq. Upon joining, it is taken for granted that you sincerely mean to uphold the club motto and will partake of all activities thereto.

"A TRIBUTE TO DXSS, THE BEST WAY TO GET A QSL"

By Walter Smart

A service known as the DX Stamp Service is probably well known to the old-timer as well as the novice DXer. I would like to take this time though, to tell those who do not know of this service run by a top-notch and real FB OM. The owner and operator of this "DXers Friend" is none other than A.N. "Sax" Ringler, W2SAW. Sax himself is a real DXer, as one look at his QSL cards would tell you. At last notice he had worked 311 countries and verified over 300!!!! How is that record for a worked & confirmed score!!?? His rig is a 800 watt home brew transmitter with a Gonset GSB-100 as the driver. Although his best DX would be hard to answer, he considers working AC4WC in Lhasa, Tibet quite a thrill (just hearing an AC4 would send chills down my back, hi). You name the country and Sax has worked it.

DX Stamp Service is for radio amateurs, SWLs, and pen-pals who want to receive an answer! If you were a ham in a rare DX spot, what would you rather receive, a couple of IRCs or a SASE??? Sure, you just might get the QSL because of the IRCs, but which one would he be more likely to mail first?

All of his stamps are very reasonably priced and are packaged in small glassine envelopes, each containing the correct value of stamps to pay for return postage from the foreign country. Each envelope contains enough mint stamps to enable the person to send an airmail letter of the first weight to the United States or Canada. For example; say you heard a ham in Uruguay. Simply order the mint stamps (for only 30¢) It would take 5 IRCs (75¢!) otherwise to pay the return postage from CX land to the U.S.

If you like his catalog, listing the prices and stamps available, just write: DX Stamp Service, Weaver Road, Webster, New York, 14581. (Be sure to enclose a 5¢ stamp.)

"DXING IN AN APARTMENT"

By (Mrs.) Margaret Fairless

Do you live in an apartment building? I do, and although I am rather new at DXing and the hobby, I'd like to pass along some notes regarding experience, problems, solutions I have met and made. Keep in mind however, no matter where you live...an apartment in a crowded city...a home in the country, it is most always your gear and your antenna setup which accounts for reception you get. Anyway, here are a few informal notes;

1. In an apartment you can hear as many stations, if not more, than you can if you own your own home. I know of several people who have heard fewer.
2. If your neighbors share your hobby interests, you can compare notes on reception, loggings, conditions, etc. I know an OM in my building who is interested in the hobby, but has no time to pursue it, so I keep him quite up-to-date, info-wise. Sharing the hobby with other apartment tenants can and has led to forming of local chapters of clubs.

Of course there are problems at times and so here are a few I have met and what I did about them. (Some of these problems are met by most DXers no matter where residing.)

1. In the late and or wee-hours, you have to use earphones so as not to cause any "disturbance".
2. There is often lack of privacy and space.
3. There is much QRM from neighbors appliances, TV sets, etc.

So - I use earphones with rubber cushions to give more comfort; Comfort too in the fact I know my neighbors are not being disturbed. As for the lack of space, I began to put all my certificates and QSLs (veries) in a scrapbook. This works out FB! My present bug is still unsolved though...that about QRM from neighbors appliances, etc; So if anyone has any suggestions, I'd appreciate hearing them. Tnx! Oh yes, here is my mail address: Mrs. Margaret A. Fairless, 308 Valleyscent Avenue, Scotch Plains, N.J. 07076 (and by the way, my friends call me Peggy; My OM's name is Dick; 273 and good DXing!

NEWSROOM

THE NASA NEWSROOM

Ron Luyster, Editor
Tom Cardullo, Asst.

Route 1,
117 Orchard Ave.

Flushing, Ohio
Emerson, N.J.

NASA

Page 1

NASA

****Well, here we are with the first section of 1964. Hope that everything is fine and dandy with every one of you. It's a new year and time to turn over a "new leaf", as they say. That brings me to the subject of saying that I hope the Newsroom will be hearing from many more of you in this new year. Member response in the past several months has been disappointing, and Tom and I are hoping we'll be receiving much more from the membership as we begin this new year of '64. If you don't like what you read in the Newsroom, write and let us know. All suggestions and contributions are always much appreciated. Thanks!

****AROUND THE CLUBS....According to the January 1964 WMRC bulletin, the Five Star DX Club has folded up as of its January issue.A new club recently arrived on the scene...The Texas County Short-wave Association. Bruce Elmore is the president and this organization is open to anyone in the country. The dues are 25¢ for 3 months or \$1. a year. A monthly DX bulletin is published. In addition, everyone who joins receives a "WTC" call...for example..WTC9AI. Everyone reading this section is invited to join, sending the dues of either 25¢ for 3 months or \$1. for one year to: Bruce Elmore, PO Box 51, Houston, Missouri 65483. When joining, please mention that you heard about TCSA from NASA and Tom Mann, (1805 E. Elmdale Ct., Apt.6, Milwaukee, Wisc. (All of the above information de Tom Mann, of Milwaukee.)

(HELP!!! The boats listing!!!) Hi!

****The KQVehicle....The KQVehicle has become a familiar sight around Pittsburgh, Pennsylvania. It has turned up at Steeler games, at the Auto Show, at the Allegheny County Fair and numerous other places. What is the KQVehicle?? It's a mobile studio, an exact replica of KQV's "fishbowl" studios on the ground floor of the Chamber of Commerce Building. Weighing 6600 pounds, about twice the weight of a comparably sized house trailer, the KQVehicle is a self-contained radio studio. It has two turntables, their needle arms delicately weighed and pivoted on ball and socket, nothing disturbs their performance. It's completely soundproof and carries a 24-hour supply of records for the disc jockeys who originate shows in it. It has its own heating system and a trim lounge adjoining the studio. Through its own 450 megacycle transmitter the studio has contact with the main studios but is usually hooked in to the telephone system when it is in use. "On an ordinary broadcasting day from the Vehicle, we switch back to the station only for news broadcasts and network originations," explains John Gibbs, KQV's general manager. Its cost? "You can say it was in five figures", replies Mr. Gibbs cryptically. The Vehicle has been put at the disposal of the City of Pittsburgh as a promotional device for worthy public services. Mr. Gibbs has plans for taking it to district high schools, so the transistor crowd can watch KQV record shows as they originate. The Vehicle duplicates virtually every facility in the parent station. (reprinted from the Pittsburgh Press.)..(KQV, Pittsburgh operates on 1410 kc/s.)

...If you have any articles/info on any innovations in operation at your local stations like the above, why not send them on to Tom or I?

*****AROUND THE CLUBS... (An item we forgot in the beginning of the section).....
 The Radio Communications DX Club was founded in 1961 by Ullmar Qvick and Jan Turner. It caters to point-to-point facility listeners and their bi-monthly publication called "From Point to Point" can be obtained from; RCDXC, Fack 59, Kopparberg, Sweden. The membership fee is 4 Swedish kroner or 8 IRC's. Airmail fee is 10 IRC's. List of the point-to-point addresses cost 3 IRC's. This IS NOT utility DX of beacons, police, aeradio or costal stations! It is of International Fixed Public Circuits and covers fone only. For a sample copy of their bulletin write to the above address and send an IRC to help cover postage. Cofounder, Jan Turner, is also secretary of the DX Alliaser which is the terminal of 46 Swedish DX Clubs. (de NZDXTimes)

*****NEWS BRIEFS..... A certain radio station in Sheffield, Alabama was on the air briefly (OH so briefly!) a few weeks ago. Afetr several weeks of waiting for red tape to be cleared, the station prepared to signon for its initial broadcast day. As the chief engineer started a turntable and the national anthem floated out, lightning hit the stations tower, putting the station off the air for some ten hours. We think this must be some sort of record for the nations shortest broadcasting day.... Just 45 secs!

.....SBC, Berné noted recently that in Switzerland (where all radio recievers must be licensed) there are now over 1,500,000 radio license holders and 350,000 TV licensees..

.....Has anybody/everybody noted VOA's new 8-note vibrafone IS and TS for its LA xmsns? Wonder if its slated to replace the old one?

.....The newly-independent nation of Kenya has told the BBC it will no longer rely BBC overseas news. A broadcast referred to "Mau Mau terrorists" and Kenya claims that term should justifiably have been "Freedom Fighters" instead. But it is apparent London isnt worried; They say that the news will continue to be heard in Kenya direct via London/BBC transmissions.

.....Lagos, Nigeria is off to a flying start with its manufacturing operations. Phillips Nigeria Corp (Ltd) a subsidiary of Hollands Phillips Electronics Corp., has a new plant going up there and work on its products has already began in the uncompleted building.

.....The Navy is testing a powerful new electronic "voice" aimed at locating enemy submarines before they come close to our shores. The "voice" is a huge Sonar xmtr, five stories high, which causes the electricity needed for a city of 50,000. According to Columbia University, it is the largest known deep-sea scientific instrumentation. The device was tested and completed at Dobbs Ferry, N.Y. and will be used by the Office of Naval Research. Just where it will be installed is not yet known. (Tnx for the above briefs go to Doug Benson and Associated Press.)

.....Cold gold seems to conduct electricity after all. Physicists at the University of California, San Diego, have found they can get a current to pass through an alloy containing one part barium to five parts gold at a temperature of 457.7 degrees below zero Fahrenheit, just two degrees above absolute zero! They had to use gold alloys because temperatures at which gold might conduct electricity are too low to be reached with conventional low-temperature equipment. (de Science Today)

Do YOU read this section of Frendx? Then why not help make it more worthy, more informative, more newsy by submitting items, articles, tidbits from your locale or area. All types of news is needed...not only that pretaining to the radio world in general, but also that covering the hobbies, clubs, peoples concerned with radio. We can make this section a most interesting, even an entertaining one of sorts if you will help us. Just let us know what you want and assist us in getting to the source. This section, as all others in the bulletins, are dependent mainly on YOU for content. So help to make it grow and in doing thus, you help the whole of the club resultwise. Send any/all data to either Tom or I...show some "Unify & Friendshir" as we of NASA are known to believe in. Tnx and good news all ways, always....RON.

....and now over to Tom.....

SPACE WORLD

NASA

EDITOR NICK N. VRETTOS

FEB. 1964

CAPE CANAVARAL RENAMED CAPE KENNEDY, in honor of our late President. The renaming of America's rocket launching facilities on the east coast of central Florida actually involves two pieces of real estate, separated by a shallow, tidal estuary called the Banana River. One is the 15,000-acre Atlantic Missile Range Test Annex-Cape Canaveral to begin with, now Cape Kennedy. Developed in 1950, it belongs to the Defence Department and is operated by the Air Force. The other is the much larger Merritt Island Launching Area-or MILA, belonging to the NASA. It will henceforth be known as the JOHN F. KENNEDY SPACE CENTER. IT IS THIS AREA, rather than the cape, that is likely to keep the name of the late President fresh in the minds of future generations, possibly for centuries. COMPLEX 39 from which the first American astronauts will be launched to the moon is under construction here. The Kennedy Space Center covers nearly 90,000 acres of sand, swamp, palmetto scrub and citrus groves. Rising out of it is the tallest building in the United States south of Washington-the Vertical Assembly Building. In this massive structure, bigger than the Pentagon, the Saturn 5 moon rocket and Appollo spacecraft will be assembled in an upright position and wheeled to the launching pad for the conquest of the moon. In future decades flights to MARS and the launching of space station may originate here.

THERE HAS NEVER BEEN any place quite like the Kennedy Space Center. The magnitude of the tribute in naming it for the late President can be assessed by the fact that the effort here evokes the epitome of human development in science and technology. As the great events in space shift to the Kennedy Space Center with the start of PROJECT APOLLO, the moon program, Cape Kennedy at the head of the "old" missile range will recede in glamor. But until then, its dateline will open many a dramatic story. The spacecraft of Project Gemini will be launched from the titan pads there, beginning with the first "boilerplate" Gemini launching in February or March. The boilerplate" craft will be unmanned and will be sent on an orbital flight in a test of automatic control system.

Atlas-agen and Atlas-Centaur rockets will rise from the old pads on mission to the moon, Mars, and Venus. Canavarak will not be an easy word to abandon, for its associations are strong.

THE CAPE is one of the oldest known headlands in the Western Hemisphere. The first European to take note of it was PONCE de LEON, who sailed by it a few days before Easter in 1513. He named it CABO des CORRIENTES (Cape of the Currents) But nearly a century later, map makers, turning to other mariners as sources called it CANAVARAL or land of the tall reeds.

FUNERAL RELAYED BY TV SATELLITE:

By means of RELAY 1 Communication Satellite, 23 European nations received live television pictures of President Kennedy's funeral. The countries included most of those in Western Europe and all the communist bloc nations except Albania. The transmission also went to one African nation, Algeria.

GEMINI MISSION SIMULATOR:

The first two of the GEMINI SIMULATORS, designed by the McDonnell Aircraft Corp., to train astronauts for space trips in the two man capsule, has been delivered to Cape Kennedy, Fla. Its an exact replica of the original Gemini two man spacecraft.

MAIL ROCKET:-

FRENCH and ITALIAN engineers are working on a mail rocket that they hope will deliver letters to LONDON, PARIS, FRANKFURT or ROME in 20 minutes. This already has been tested in 1947 and 1948 by the AMERICAN ROCKET SOCIETY.

1,300 ORBITS.

To date American astronauts have completed 34 orbits, and slightly more than 53 1/2 hours at about 17,500 miles an hour, roughly MACH 2.6-2 1/2 times the speed of sound. The Soviet cosmonauts rolled up 38 1/2 hours. The American astronauts will have orbited the earth 1,300 times and will accumulate 2,000 hours of flight time, before they go to the moon.

OPERATION "CORONASCOPE"

A three million cubic foot balloon was launched on 3 Nov 1963, from the National Center for Atmospheric Research, as a test flight for OPERATION CORONASCOPE. The balloon carried a payload of 1,700 lbs, to study balloon behavior, instrument loads and other situations. Coronascope will study the sun's corona, as gaseous envelopes surrounding the sun. Special instruments will create an artificial eclipse so the corona will be visible to cameras. No date set for Operation Coronascope.

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AT THE END OF THE PROJECT MERCURY PROGRAM, The entire cost was \$500,000,000 *****

SPACE PHILATELY. JAPAN released a 10 yen pale and dark yellow postage stamp to commemorate the 14th General Assembly of the International Scientific Radio Union. The stamp pictures a parabolic antenna for space communication.

STYLE BRIERS.

If anybody doubts this is the space age, should visit women's millinery shops. Space helmets are here in sleek leather, lizard, suede and wool. They are the order of the day for ski-wear. White and woolly ones are as shaggy as a lion's mane. Done in opulent furs, such as sable and ermine, the space helmets are astronomically expensive. Even for ordinary street wear.

RADIO ASTRONOMY. The Federal Communication Commission ruled last Oct 1963, that the small magnetic spectrum will be kept exclusively used for radio astronomy for the next ten years. Freq: 604 to 614 mc/s (Channel 37) It was almost lost to a TV station, but the FCC had a change of heart. Previous FCC allocated them the band from 1,400 to 1,427 mc/s.

SATELLITE FREQUENCY DISPUTE: United States delegates, including FCC chairman William Henry, urgently wanted the ITU to allocate a set of frequencies exclusively for communication satellites. Without an agreement, the newly created United States Communication Satellite Corp., may never get off the ground. With an agreement, some 80 per cent of the world's communications could be linked by satellite by 1980. But before any system of direct telephone dialing or global TV hookup via satellite can be achieved, the 70 nations ITU must agree on the frequencies to be used by Satellites. The United States has recommended that five bands between 3,700 to 8,400 mc/s. The Russians, however, have asked that four different wave bands be set aside. They chose a range between 30 and 3,000 mc/s-frequencies in use by the United States military RADAR. Soviet delegates undoubtedly know the trouble this could cause in getting the United States to accept. But without agreement, the results must surely be a chaotic tower of babel in space.

FANTASTIC THINKING. An American space official reports that RUSSIA and Western Scientists are studying the possibility of using something like TELEPATHY to establish mind to mind communications between people on earth and astronauts on the moon.

SPACE TV SERIES: -"My Favorite Martian". Consist of a space martian living on our planet and getting into some very comical situations. Starring Comedians: -Ray Walston Bill Bixby and Pamela Britton. Consult your TV Guide for time and channel.

BOOST YOUR ASSOCIATION..... LETS INCREASE OUR MEMBERSHIP.....

VELA HOTEL NUCLEAR DETECTION SATELLITE: IN TRIPLE PLAY.

Twin "VELA HOTEL" satellites were launched on the same rocket on 16 Oct. 1963. On 17 Oct. 1963, the ground station at New Hampshire, beamed a radio signal which activated a rocket motor aboard the companion satellite, to inject it into a similar high flying.

The third satellite a tetra-hedron 9" four sided device, weight $4\frac{1}{2}$ lbs, which rode along as a hitch hiker on the same rocket orbited in a wide swinging path to study the Van Allen radiation belt.

The orbiting time for VELA HOTEL is 109 hours-Its weight is 292 lbs. The twin satellites were destined to revolve 140 degrees apart in the highest circular orbit ever achieved by a satellite. The first sentry's orbit reached 72,000 miles at its most distant point and 61,000 at the closest point. The second sentry attained 60,000 to 72,000 miles high orbit.

Detection equipment on the sentry satellite is so sensitive that it can record nuclear explosions as small as 40 kilotons (about 10,000 tons of T.N.T.) at distance of up to 200 million miles in space. Plans for 1964 call for eight sentry satellites to be launched two at a time.

LAUNCHINGS by SOVIET UNION:

COSMOS 20: Launched 18 Oct 1963: The satellite carries scientific instruments for continuing the Soviet space program as announced in 1962.

SPACECRAFT "POLYOT 1 (Flight 1) Launched 1 Nov 1963, the ship can be maneuvered in all directions. At one stage it flew at a maximum height of 368 miles and a minimum altitude of 211 miles. On several occasions during its flight it was called on to transmit data to listening station in Russia. The purpose of maneuvering two ships together is to get a big enough mass into orbit to serve as a launching pad for a subsequent ship to some distant cosmic body, such as the moon. Not only the Soviet Union but also United States has such projects have been planned.

RELAY 1 Communication Satellite: Launched 13 Jan 1962: Freq. 136.140 and 136.620 mc/s HAS SCORED MANY FIRST'S (1) Space link to South America (2) Network COLOR TV program via space (3) Brain data graphs from space (4) Computer type settings via space (5) Live TV seen simultaneously from space in EUROPE and UNITED STATES.

EXPLORER 15 Satellite findings: Launched 27 Oct 1962-Frq: 136.101. In a published report on telemetry information obtained from EXPLORER 15, on the high altitude hydrogen bomb test conducted by the United States in July 1962, may have contaminated the earth's natural radiation belt with artificial electrons that may last as long as 30 years.

FOUR FOOT ROCKET NEW MOON CARRIER SPACECRAFT:

A rocket engine only four feet tall, but assigned a payload that includes UNITED STATES of military superiority in space, gets its first flight test less than a year. It's part of a rocket named "TRANSTAGE", so called because it will transfer from orbit to orbit new spacecraft designed to: (1) Inspect and, if necessary destroy strange and possible hostile satellites. (2) Rescue stranded U.S. spacemen, or repair and refuel their vehicles. (3) Carry cameras-possibly even bombs-over enemy territory. (4) Rendezvous with manned orbiting stations, shuttling men and supplies between Earth and space.

TRANSTAGE is the first rocket in the United States, perhaps in the world, to provide the MANEUVERABILITY necessary for military and scientific missions. On the success of its new concepts hangs the APOLLO moon project.

73, Nick N. Vrettes
 P.O. Box 217
 Ft. Leonard Wood, Mo.

WORLDWIDE DX COMPETITIONS

Here is news for the contest-minded DXer. It offers competitions on alternate months for the SWL and the ECBer. While winning contests is something to shoot for, it is not always the important thing. While in competition you can/will get a chance to become acquainted with the various bands, better the possibility of logging other, new stations and countries.

To compute the score we offer the following tables:

SW RAW SCORE: Number of stations logged times two, plus number of countries times five, plus a twenty point bonus for logging all continents.

ECB RAW SCORE: Number of stations logged times two, plus number of states and provinces times five, plus number of countries times fifteen.

A tube multiplier will be incorporated to create a somewhat more equal rx situation. The number of tubes DOES NOT include the rectifier!

2 or less tubes....	2.0	3 or 4 tubes....	1.7
5 or 6 tubes.....	1.4	7 or 8 tubes....	1.2
9 to 11 tubes.....	1.1	12 or more.....	1.0

The final results will be based on your net score. The net score is equal to your tube multiplier times your raw score.

Each competition will run (last) for two weeks as you will note; They will entail the freq's stated.

February 9th to 22nd.....7.0 to 7.5 mc.
and 3.2 to 4.0 mc.

March 8th to 21st..... 1300 to 1600 kcs

Log all the broadcast stations that you hear in the given frequency ranges whether you have hrd them before or not; We will count the different outlets of the same sta. as different sta's, as we do sta's. on SW. Submit your results to me by the 15th of the month following the competition. (i.e., Feb. results should be to me by Mar. 15th and Mar. results by Apr. 15th.) Your entries should include your name, QTH, make/model of rx(w/number of tubes), and a log of your contest results showing date, time, freq, call and location of stations:

Prizes for the competitions will be a three month membership in WMRC (Worldwide Monitors Radio Club) to first place winners. (A couple other prizes have not been as yet decided on.)

Competitions are open to members of the WMRC, MASA and FSDXC. Be sure to mention your club affiliation when entering! Independent SWL's and ECBers are also welcome.

To make these competitions a success, we need your entry, so warm up your rx and go to it!

Tnx; 73 and good DX.

Jack L. Keene/WP5BIP
Worldwide DX Competitions,
4902 Eppes Street
Houston, Texas 77021

The foregoing is in cooperation with WMRC and FSDXC. Please address all further mail of inquiry and/or response to the above given OM's QTH. Let's see some of you MASA members climb aboard and compete. It's fun, interesting and a good way to expand....

"UNITY AND FRIENDSHIP"

SHORT WAVE

NASA

FEB. 1964

(All info, facts, data, reports, items, articles pertaining to this section should be sent direct to club hdq until further notice. All times mentioned are GMT.....)

VOD "EARLY BIRD"

As of January 1, 1964 - The Voice of Denmark (VOD) will broadcast to the USA and Canada every day including Sundays, from 1200/1300 on 15165. At the same time it is suspending the 0300/0400 broadcast which was on 9520, but will continue the other two regular NA broadcasts 0130/0230 on this freq (9520). Reasons? The facts are that during the past two winter seasons, correspondents (SWLs/DKers) have repeatedly pointed out the almost hopeless rcvng condx confronting the later 31 meter programs, and that simultaneously mailbag reception reports have shown an increasing number of NA listeners to the 19 meter broadcasts beamed to So. Asia. Furthermore, the significance of these two trends is apt to become even more pronounced as the upcoming ultimate low of the 11 year sun spot cycle nears. (Via The Voice of Denmark publication of SWdept., Radio Denmark).

DE AN KYL

"In answer to some of the questions asked in Nov. Friendx, SWBC section: I am a new DKer and as yet have no favorite station. My prized QSL to date is from Radio Rome because it is the most colorful (have hrd 42 countries thus far, varied?). Latest catch is Colombo, Ceylon. For programing, I like to listen to those which help me to learn the customs of people in different countries." (Tnx to Mrs. "Peggy" Fairless)

ANNUAL CDXC/NASA "DUEL"

Most of you know, but some dont, that the CDXC and NASA have an annual competition wherein the hdq of each of the two clubs asks qualified/respected DKers to take a part as representatives. Since these are competitions meant mainly to add a bit of prestige to the club overall rather than the OM chosen to represent the clubs, each hdq will try to select only its top DKers. The upcoming battle will concern SWBC! So if/when you are contacted, consider it an

ENGLISH SKEDS TO-NA

Deutsche Welle: 0135-0215, 6160//9640, 0455-0535, 6145//9575 and 9735, 1510-1550, 11795//9735.
Radio Budapest: 0030-0100, 11910//9830 and 7220, 0130-0200, 0300-0330, 0430-0500, 9830//7220 and 5960.
Radio Denmark: 0130-0230, 9520, 1200-1300, 15165. (Tnx WEE211)

"DYING DITHERS"

Due to the auroral flutter, I usually have ruff time hearing Sweden on its morning xmsn to ECNA. Can anyone confirm that it has changed day of "SCDXers" prog from Monday to Tuesday...and is the evening sked still the same for this prog? I'd also like factual info re time (GMT) of Switzerland's "DX" program. Too, is Radio 4VEH still operating on 9770? Have been unable to hear same here recently. (Pse contact Doug Benson, 2709 Balltown Rd., Schenectady, N.Y. 12309)

SPECIAL TNY!

Hdq sent out a call for help re the improvement effort of this section. Several members were invited/requested to submit reports, facts, data. Few complied! One of those few was JOHN ARTHUR. And so to this OM, for his showing of goodfellowship, cooperation and following in the spirit of the club motto, we are most pleased to extend sincere/special thanks. Even though this OM is primarily a BCB and HamBand DKer, he was good enough to QSY to the SWBC long enough to give a friendly hand. (A mighty FB way to make new pals and to renew old friendships!)

SEARCHING-SEEKING!

We are still in need of an editor for this section even though it is presently being done by hdq. (What do you think of the format we have been using???) Until new editor is found/appointed, we will keep

"TUNING THE RADIOTELEPHONE XMSNS"

By Doug Benson-WPE2MI

Want to build up your VAC an easy way? Monitor the RadioTelefone xmsns! Using your BFO, and being careful not to divulge the content of the messages you hear, tune for the test xmsns that are broadcast before the service begins. The following is a list of the more common ones; Most will verify, some will not. Some are xmt'd in two languages, others in Eng only. Most are beamed toward NYC. This is a partial list only!

Cable and Wireless - West Indies operates these:

BERMUDA, St. Georges is good from ZFD45 in the late mornings on 11065.

BARBADOS, Bridgetown is hrd in the late morning over ZNX92 on 19436.

KINGSTON, Jamaica comes via VRR52 on 11595 nites and mornings.

TRINIDAD, Port-of-Spain may be hrd rarely nites via ZBD48 on 10727.5

Others to be hrd are:

AUSTRALIA, Eastern Terminal around 0800 over VLN25 on 10420.

AUSTRIA, Linz is beamed to S.A. late mornings (rare) via OEF53 on 25470.

CANADA, Montreals site beams to Europe on CGA4 in the afternoon. 9332.

CUBA, Havana comes in well via CML56 around 1400 on 18840.

LONDON's, LongRange Maritime Sta. at Criggon-Wales is hrd beamed to NYC over GBCN4 on 13134.5 afternoons.

GERMANY, Beams from Frankfort-au-Main in the mornings before 1200 (GMT) over DFU28 on freq of 20140 kcs.

DENMARK, Beams to NYC in the late mornings on 18165.5 over station OXR38.

GREECE, Is hrd via SZF5 on 9962.5 in mornings. (This may be your only chance by which to verify this country!)

HAWAII, Is represented by RCA Communications-KUH34, late mornings on 14920.

ISRAEL, Tel Aviv comes in well mornings on 17665 over 4XA67.

ITALY, Maritime Service can be hrd beamed to NYC afternoons on 13165.

NETHERLAND ANTILLES, Curacao, Willemstadt is hrd early mornings via PJY6 on 16350.

NEW ZEALAND, Wellington beams to California late nites on 9900 over ZLL29.

NORWAY, Oslo xmts to NYC late mornings on LHK via 20630 kcs.

PERU, Lima beams to NA from All-Americas-Radio mornings on 18680 via OCB57.

SAUDI ARABIA, Djeddah can be hrd rarely over HZR66, 20660 mornings.

SENEGAL, Dakar beams to Paris on 11405 in the early afternoon.

SURINAM, Paramaribo good mornings on 20605 over PZB49. (another rarey!)

VENEZUELA, Government xmsn is hrd nites on 17530.

Again I remind you, this is only a partial list of the many many freqs in use by each country for radiotelefone xmsns. Most stations can be QSL'd by using the announced address during the test broadcast. Address report in care of the Chief Engineer and send a prepared card (with your return address thereon) as well as return postage (preferably in form of IRC's). Good luck and good DXing!

GREEK STATION BACK!TIPS/HINTS FOR SWBC DXING

The "Pyrgos Broadcasting Station" is on the air again. It faced the problem of the abolition of its license early in Sept'63, but the reaction of the Greeks was vry strong. A real crusade of protest was organized and was successful. The station maintained its license! It should also be pointed out that the mny protests, assisting in the crusade, came from outside Greece, from DX clubs and individual DXers as well.

(Txr to DSWCI/Stratos Alberta)

SW stations are most always sometimes es somewhat difficult to tune. It must be done slowly and with precision due the fact mny stations may be crowded into a small section of the band involved. The tuning is therefore likely to be quite sharp. Peak the sigs for maximum volume and minimum QRM.

A good, high, outside antenna is also very important, as is a good ground connection on most recievers.

(Txr to DSWCI/Stratos Alberta)

....MAJOR DX PROGRAMS....

The following is a list of DX programs hrd on the ECNA as compiled by Doug Benson-2MI.

- BULGARIA.....Ham Program is hrd beamed to NA Fridays at 0415 over 6070 & 9700.
 CZECHOSLOVAKIA...Ham Program is beamed here on alternate Thursdays via 11990, 9550, 7345 and 5930. New sked time is unknown as we go to press.
 CANADA.....Carries The Shortwave Club to Europe, Saturdays at 1330 over 15320/11720.
 DENMARK.....DX Bulletin is sked to NA, Mondays at 0130 over 9520.
 ECUADOR.....HCJB DX Party Line is broadcast Wednesdays at 0300 on 9745, 11915 and 15115. This is the General American Service.
 ENGLAND.....BBC has SWL Corner program which is best hrd in the GOS at 0030 on Wed. at 0030 on 11820, 11750, 9690, 9580, 7230 and 6195.
 FINLAND.....SWL program is beamed to Europe and NA at 2035 on 15185 Fridays.
 HAITI.....Radio 4VEH carries the DX Corner, Fridays at 0315 over 11835, 9770, 6120.
 HUNGARY.....Beams Ham Program to NA at 0045 and 0315 Tuesdays over 7220, 9833, 11910.
 JAPAN.....Has the Shortwave Club to ECNA at 0015 Saturdays on 15135, 11780, 11705.
 NETHERLANDS...Carries the DX Juke Box to Europe and NA on Thursdays at 2130 over 6020, 6085 and 7125.
 NEW ZEALAND...Beams This Radio Age to the Pacific at 0645 over 9540 and 11780 on the first Wednesday of each month.
 RUMANIA.....Has a Ham program beamed to NA at 2250 over 7195, 6190, and 5990 Fridays.
 USA.....The Voice of America Amateur Radio Program is broadcast from these xmtrs within the continental US: To Latin America on Sundays from 0330-0345 over 6030, 6045, 9650, 9570, 11830 and 11890. To Africa on Sundays at 2230 over 9720. To North Africa and Europe on Sundays at 0730 over 5995, 6185, 9545, 9685. VOA also carries a special rnsn "SpaceWarn" Monday through Fridays in their Latin American Service. This prog deals with satellite launchings and coordinates. Hrd from 0330-0335 on 6030, 6045, 9650, 9570, 11830 and 11890.
 USSR.....Moscow beams DX Club to NA at 0020 on Sundays over 7130, 7150, 7310, 7380, and 9570. It is rebroadcast at 0420 over 9620, 7170, 7150, and 7130.
 WEST GERMANY...Has DX Program to NA on the second Sunday of each month. Freqs are 6170 and 9640. Sked time (new) not known at this time.

This listing was compiled hurriedly in order to get it published while winter DX skeds are in effect. At the last minute, while compiling it, we found certain of the major stations had altered freqs and/or skeds somewhat; Therefore info from such as WRUL, SBC(Berne), Radio Sweden, will be listed at a later date when rcvd. WPE2MI

...VERIFICATION INFORMATION...

This data was submitted by Frank Peters-9EZI and is intended for your gen information.

- Galtanissetta, Sicily: QSL by letter. Report mailed to RAI, Rome on Nov. 20/63 and veri rcvd via airmail on Dec. 24/63.
 Frestwick, Scotland:(Aeradio) QSL'd prepared card and letter. Card signed by P.Spooner Chief Communication Officer. Mailed out Oct. 23/63, reply rcvd via airmail Nov. 5/63. IRC was returned, unused.
 Bierut, Lebanon: By QSL cards for reports mailed July 15/63 and Oct. 28/63. Both were rcvd Nov. 19/63.
 Kigali, Rwanda: By QSL card. Signed by Massey Luois.
 Aden, Cable and Wireless(Mid-East)Limited. QSL by letter stating they are unable to answer all reports. Sent Nov. 6/63, rcvd Nov. 21/63 via registered airmail.
 Kuala Lumpur, Malaysia. QSL by letter via second class mail. Report mailed July 30/63, reply rcvd Oct. 14/63. Signed by Kirpal Singh/CE.
 Nicosia, Cyprus. Report mailed to BBC-London on Oct. 19/63. Reply rcvd Nov. 2/63. QSL by London Calling card in addition to letter stating freq hrd was that used by BBC-EMRS at Cyprus. Letter also sated "these xmns are not intended for your area and thus you are most likely rcving them via back-radiation".

REPORTS

(ALL TIMES GMT)

REPORTS

21540 Radio Australia 0100-0800 daily in Eng to So.Asia (Drew)
 21450 Radio Prague 0800-0855 in Eng (Drew)
 17845 SBC, Berne at 1245 in Eng. Disc. of the Day, then nx (Drew)
 17810 Manila at 2300 in Eng w/mx. Nx at 2330 (Drew)
 17800 RAI, Rome w/TS at 1600 then opens in Italian with show tunes (Benson)
 15445 Brazzaville w/Eng nx at 0515, 0830, 1100 (Drew)
 Radio Nederland w/Eng nx at 1400 (Drew)
 15310 Radio Japan in Eng & Jap for 30 minutes on the hour //15195 (Drew)
 15305 SBC, Berne at 0700 Eng to Africa (Drew)
 Lisbon from 1830-1930 w/Long nx and commentary in Eng (Benson)
 15205 Radio Ceylon in Eng 0130-0330 (Drew)
 15190 Brazzaville still here in Eng. Nx at 1930 and rocknroll mx to 2000 (Benson)
 15135 Radio Kabul in Eng 1100-1130 (Drew)
 15110 Radio New Zealand in Eng. s/off at 0600 (Drew)
 11950 Voice of the Freedom Fighters of the United States of Kalimantan Utara. In Indonesian 1130-1215. S/on in Eng. (Drew)...anyone hear this? do they QSL? How about some facts/details on this Pete? B.E.)
 11925 Radio Tashkent 30 minutes Eng at 1200 and 1400 (Drew)
 11900 Radio Malaysia. Eng nx 0000, 0730, on 9750, 9635, 7110, 6135, 6105 also (Drew)
 11780 RAE Argentina with classical mx 0330, sports 0340, pop mx to 0357, then Eng nx, request for reports. Spanish at 0405. Dual 9690 and 6090. Hrd Mon. (Benson)
 11755 Leopoldville w/Eng & Afrikan nx at 1930. Fast/quick s/off 1943 (Benson)
 11705 Japan ECNA xmsn 2330-0030 (Benson) Hrd w/mx and gen programming at 0010. Some QSB (Arthur) Also reported by (Peters)
 9720 Parady's "Springbok Radio" So. Africa w/gen commercial Eng programming 0510-0600 (Arthur) Brussels, Belgium at 1900 w/Fr ID then German nx (Benson)
 Dakar, Senegal in Fr at 1930. QRM'd by VOA via BBC (Peters)
 9710 Tarapoto, Peru. Radio Tropical w/nx & wx 1300. Weak sigs (Benson) BBC via Singapore in Eng 0900 (Drew)
 9705 ETLF Ethiopia w/Eng at 1900-1925 s/off (Peters)
 9670 Colombo, Ceylon. Commercial Service at 1430 w/pop mx, 1500 opera. Many ads. Fair sigs (Benson)
 9650 VOA Honolulu w/Eng at 0900 (Drew)
 9640 Korea w/Eng at 1030 (Drew)
 9635 Radio Aparecida, Brazil at 0800-0830 (Peters)
 9610 Oslo, Norway 1455 musicbox TS. 1500 ID in Eng then choral anthem, into Morse with comments. Say they are dual 11850. Sigs are "watery" here (Benson)
 Perth, Australia 2200 in Eng. (Relays 6WF on 690kc.) 9610 now 50kw. (Drew)
 9575 Radio Mayrink, Brazil here 0800-0830 (Peters)
 9515 Voice of Turkey, Ankara w/Eng at 1430 (Drew) Hrd w/Turkish and Arabic at 0515-0600 ID as "Huna Ankara" (Peters)
 7205 VOA Thessaloniki, Greece hrd at 2130 w/Report to Afrika. First time hrd in 3 years. Power 35kw. Sigs weak (Benson)
 6125 Unidentified Arabic clobbered by jammer 0500. Who? (Peters)
 6095 Bagdad, Iraq at 2100 with 10 minutes Eng nx then pop mx. Jammed (Benson)
 6090 Sidney, Australia. Same prog hrd on 4890, but cant indetify (Peters) Hows about time and few prog details Frank...mebbe someone can then clue you. B.E.
 5980 Deutsche Welle w/Eng at 2110-2200 (Drew)
 5010 WIBS, Grenada with good sigs at 2130 (Peters)
 4720 VLM4 Brisbane in Eng at 0900, s/off 1330 (Drew)
 4855 Emgu, Nigeria w/Eng at 0600-0615 (Peters)
 4835 Bamako, Mali in French at 0700 (Peters)
 4815 Ougou Dougou, Upper Volta w/French at 0700 (Peters)
 3925 VLK3 Port Morsby, New Guinea at 0930 in Eng. (Drew)
 3345 Suva, Fiji Islands w/French at 0730. Weak sigs, better at 1000 (Peters)
 3232 Radio Fiji in Eng at 0700-0730. Sigs vary greatly daily (Peters)

SWBC

LATE FLASHES!

SWBC

Just before we go to press: Word is recvd from Doug Benson that he accepts position as editor of SWBC section. Thus, as of this edition of *Friend*, all SWBC reports, facts, data, articles, items, skeds, etc., should be sent directly to the following QRA/QRM:

DOUG BENSON, SWBC EDITOR-NASA
2709 Balltown Road
Schenectady, New York 12309

His first effort will appear in the next (March) edition of *Friend*. Let's try to give him a resounding welcome by submitting plenty of material for him to use.

Up-to-the-minut DX tips de Don Jensen, Racine Wisc.

- *****4797 Radio Somali, Hargeisa, Somali Rep.; Hrd w/woman speaking in Somali at 1335-1345. Sigs weak, but little QRM.
- *****4877 VTVN, Saigon, Vietnam; Talk in oriental language, presumably Vietnamese. Fair sigs at 1315-1330.
- *****4920 AIR, Madras, India; Native language talk by man. Reception level was quite weak. 1335-1350.
- *****4926 Radio Ecuatorial, Bata, Spanish Guinea; From 2110-2125 w/Spanish music es singing by female choirs. Fair to good reception.
- *****4990 AIR, Hyderabad, India; Talk in native language at 1315-1330. Weak sig.
- *****5016 Emisorra de Guinea, Bissau, Portuguese Guinea; Music, talks (usually at vry good level). Now exhibits some characteristics of Emis. Nacional in Lisbon, ie. 4 note musical "V for victory" from Beethovens 5th Symphony. Times 2205 to after 2330.
- *****5137 Radio Clube do Moxico, CR6RV, Luso, Angola; Hrd from 0537-0600 w/pop mx (Portuguese type) and occasional annmts by man and woman. Weak but clear.
- *****6065 XEXG, La Voz de Mexico, Mexico City, Mexico; In English w/program called "Time for Tourists" 0149-0200. Also American pop mx, mny commercials re hotels, shops, etc., in Mexico City and Acapulco. Good sigs.
- *****9612 Radio Diamang, CR6RI, Dundo, Angola; 1919-1930 s/off with Portuguese anthem. Annmts made by man. Good sigs.
- *****Netherlands Antilles- TransWorld Radio, Bonaire; Contruction of their new sta has been delayed. The 525kw MW powerhouse should be on the air by mid or late Feb. The shortwave outlet about two months following. Unofficial reports are that the MW freq will be 800kcs; No word on the SW freq as yet.
- *****Fact/Reminder- The Moslem month of Ramadan, a month during which devotee folk of Islam fast during daylight hours, normally means that stations carrying an Arabic type programming, extend their program skeds. In east and midwest U.S., try for these Arabic speakers in mid to late afternoon. (For instance I have hrd Radio Djibouti, French Somaliland only three times; Twice during Ramadan in 1962 and once during it last year.) This year Ramadan begins 1/15 and ends 2/14. Incidentally, this (1964) is the Moselm year 1383.

Direct from Radio Nederland to NASA Hdq comes this info:

"The basic Radio Servicing Course we broadcast in the Thursday "D" Juke Box" program during 1963 was so successful and met with such approval that we will again air a completely new and more extended course starting in March 1964, when propagation conditions become more favorable for the Northern Hemisphere. In order to assess the amount of printed material we will need, an early enrollment would be appreciated. Applications should be sent to- "Radio Servicing Course" Radio Nederland, Box 222, Hilversum, Holland. Time, wavelentghs and freqs will be annouced in due course."

Yours sincerely, H. Van Gelder-Radio Nederland

Via Peter Drew, Western Australia: "Hi there! This is my first report to Friends and I hope it will be of interest to all of you. Firstly a little about myself. I am 18 yrs old and have been SWLing for 5 years. Am active on hambands, SWBC and MW. My HIC/VIC re the bands are; Ham-225/79, SWBC- 65/54, MW- 26/12. Main rx here is a 12 tube B28 which covers 60kcs to 30mcs and has all the requirements of a fairly reasonable communications rx. As a standby I have a Pye- 8 tubes, a Phillips- 6 tubes, a National- 10 transistor portable, and last resort, in case all others fail, I have a homebrew 3 tube regenerative. Antenna system consists of a 7mc folded dipole, 14mc dipole and a 200' longwire. In a few months I hope to have a 4' loop for use in the MW band. The SWL in Australia, and no doubt many other countries of the world other than the USA and Europe, have great disadvantages when it comes to the availability of communication equipment. RXs cost twice as much here as they do in the USA and tis due to custom and freight duties. RXs are not in great demand here and so they are not mfgd in Australia. Thus the average SWL uses surplus gear or build their own. Vry few are able to afford the mny FB rxs from the USA which sell for moderate prices. On the SWBC, Australians are again at a somewhat disadvantage because, for instance many European stations have transmissions to the USA, but to no other part of the world other than local audiences. Furthermore, LA stations which are apparently easy to hear stateside, are most always a "struggle" for us. The only one I hear regularly is HCJB; The only other I have hrd from that area is Radio Habana. Of course we hear many Asian stations that USA have difficulty with, but these are far far less numerous than LA stations. Nonetheless, I do enjoy SWBC DXing. One thing we have here in Australia is wonderful weather. Here in the suburbs of Perth, we rarely have temperatures above 100 and seldom below 40. Most of the time it is just right...not too hot...not too cold and because of this, plus the quiet atmosphere which prevails in this state, I can think of no other place in the world where I would rather live. Tis a happy Aussie I am "down under". And so I hope you have found this tidbit a little interesting; Do excuse it from the literary standpoint however, my ability from that view is somewhat poor. Until next time then, 73 and good DX. VK6PELE

Via Paul Bassiri, France: "Dear friends; Well here I am back in my native country. The trip back was wonderful except when we come across the channel and ran into a storm. I had the opportunity to visit the radioroom of the USS France and what I saw was vry interesting. There were all kinds of antennas...VHF beams, ground planes, whips, long wires, dipoles, etc. As for the equipment, there were receivers covering all bands; Also there were two radars. I enjoyed this little visit very much. As some of you know, I came back to France to serve my tour of duty in the service; I have been luck to get in the French Air Force. This was mainly due to my studies in electronics and my knowledge of English. Resultwise, I have been assigned to work at the control tower of the base. My work consists of guiding jet planes to takeoff and landings by radio and radar. (radio-VHF 117.9mcs) So as you see, the sixteen months of my duty in the Air Force will be pleasant (I hope!). Anyhow, afterwards I hope to go back to New Jersey where my parents are still living. Well that is all for now, but please know that I would like to hear from all NASAers who care to write; Too, I QSL 100% and all cards are welcome. And so, until next time, sincere 73, good luck and much DX to all." F2PELK

Via Liam Tully, Lybia: "Hello everyone! And greetings from El Adem. Let me first begin by giving a brief run down of the gear at this shack; It is quite simple, mainly due to limited space. My rx is a Heathkit Mohican with a 60' longwire running N/S. As to DXing, I am interesetd in the amateur bands, aeradio and SWBC in that order.. Too, I swap cards (view cards as well as QSL/SWL). Matter of fact will be glad to swap most anything anyone cares to send along. Must mention however, I will be QRT from this QTH around the latter part of Feb or early Mar, and believe you me, I wont be sorry to say farewell to this dump. Hi! Presently am a member of CDXC, ISWL, IRTS, RAFARS, RAIBC, NASA and the only swl in LARS. Oh yes, age here is 22 and single, but have a YL awaiting me in Ireland (my home QTH is near the town of Drogheda on the central coast of EI-land). Well thats it for now, so cheerio all." 5A-9473

...LATE REPORTS...

ALL TIMES GMT

...LATE REPORTS...

- 21535 ELWA, Liberia w/Near East Service at 1900. Also announced dual 19m (Benson)
- 15445 Radio Nederlands special NA xmsn good here 1530-1545 Mon & Fri (Stevens)
- 15170 RFE (Radio Free Europe) in Rumanian 1600-1700 (Stevens)
- 15155 ELWA, Monrovia Liberia w/Afrikan Service in Eng. Religious prog. Request for reports and will QSL. I suggest you send IRC due the fact this is a nonprofit station and is operated/supported by voluntary gifts/contributions. (Stober)
- 11950 WRUL, Radio New York. ABC nx, ads, tour of Morman Tabernacle. 1940-2010. They QSL all reports. (Bispham)
- 11865 Berne, Switzerland hrd w/Eng nx, usual features. Beamed to Japan QRM'd by two others sta's, one of which was Moscow. 1300-1415 (Benson)
- 11825 WIMB, Red Lion Penna. 2010-2030. World nx, commentary, DeGaulles' pain for Europe, ID. Request reports. Accent on mx. (Bispham)
- 11820 Radio Abidjan w/Eng followed by mx 1830-1900. Usually fair sig. Could anyone tell me if they ever rcvd QSL from this sta? (Stevens)
- 11750 AFRTS-FEN, Japan 0230 w/Eng. Good sigs. Reports go to: Chief Network Engineer, FEN, APO 67, San Francisco, Calif. (Stober)
- 11700 RAE Argentina on the General Service. This is NEW freq!! Noted weak at 2300 w/old standard pop mx. ID at 2315 then QRM'd by Japan s/on. Could this be the unidentified station in Dec SWBC section of French? (Benson)
- 9745 ECMB's DK Party Line is now aired twice monthly; First and third Mondays at 0230-0300 (Stevens)
- 9700 C2970, La Voz de Chile w/American dance mx at 2310-2400 (Stevens)
- 9585 CBC's Northern Service here, dual 11720 and 5970 for Fr nx at 2230 (Benson)
- 9480 Radio Peking is hrd well on WCNA at 0200 w/Eng. Slight cw QRM (Stober) Also hrd 0035 in Chinese. Noticable "double" signal, sort of like echo effect at times. Still quite readable though. (Arthur)
- 7290 Radio Sofia. European Service at 1930-2000. Occasionally breaks through the heavy ARO QRM. Mailbag on Thursdays. (Stevens)
- 7280 RTF hrd 1045-1115 in Kabyl. 44444 Sigs (Newhart)
- 6165 Berne, Swtznld. w/Spanish s/on 0015. Clobbered by QRM (Benson)
- 6085 Radio Nederlands. Is best hrd on this freq for its 2130 xmsn. The old 0130 xmsn hasnt been hrd for months (Stevens)
- 6025 Lisbons Voice of the West strongest sig on ECNA at nite. Hrd 0400 w/pre-colonialism talks. Dual on weaker 6185. (Benson)
- 5960 Radio Rome //9575 at 0030 in English to ECNA (Stevens)
- 4910 ETLF, Ethiopia in unidentified native language after Eng ID at s/on 1543-1600 (Newhart) Am surprised you couldnt ID the lingo Bob, you know most all. B.E.

The following OM are credited with the preceeding reports/facts/data. Tnx to them, we are beginning to make headway re this section. With their continued help/assistance, plus that from others of you, we can par other like sections of any club, anywhere.

Doug Benson, New York
John Arthur, California
Robert Newhart, Germany

Frank Peters, Illinois
Peter Drew, W. Australia
Louie Stober, Oregon

Bill Stevens, Penna.
Tony Bispham, Penna.

NOTES, QUOTES, QUERIES: Has anyone on the WCNA had trouble logging Denmark on 9520? I have been trying for 5 months at 0200/0330. (Stober) See the item about VOD on first page this section Louie! B.E. Recent QSL cards rcvd here: RVOC and CFCX (Stevens) ... SA s/on at 2130 on 15150. raises havoc w/ELWA sig. (Stober) ... Have been listening to more SWBC lately, but have not hrd anything already not hrd or logged. Therefore still prefer MW. (Newhart) Some of those you have already hrd and logged would be appreciated by newer DXers if you would be considerate/friendly enough to report em here Bob. B.E.

HAM BAND SECTION BANDS

ALL TIMES GMT

DEADLINE - 10th OF THE MONTH

ALL TIMES GMT

Richard F. Little, Editor 4140 Winfield Ave. Fort Worth, Texas 76109
Alan Herrington, Asst. Ed. P. O. Drawer 588 Palestine, Texas 75801

Greetings and best wishes to all from "Deep In The Heart Of Texas" May the New Year bring all of you only the finest of life. To all DXers everywhere may the New Year bring you that rare DX Card that has always slipped by you up to now.

As you may have noticed by now there is another new Ham Band Editor trying to set up shop in this space. For those of you that I have not had the pleasure of meeting before now may I say Hi and introduce myself. My name is Richard F. Little, I am 30 years old, married and have 2 Jr Ops who produce a lot of QRM at this QTH. I have been SWLing since September of 1961 and I enjoy DXing all bands. To date I have not built up any great scores on any band but I have had a great deal of fun and enjoyment out of the hobby. The most important thing that I have received from the hobby is the very large number of new friends from all over the world that I now have. Through these pages in the upcoming months I hope to meet many more of you. Besides SWLing I enjoy Cardswapping and would enjoy hearing from all of you. What say?

I am honored to have been asked by Bill Eddings to take on the job of editing "YOUR" Ham Band Column. I will do my best to do a good job and to be a credit to the club. I am also honored to follow in the footsteps of such capable past Editors as Lavoyd Kuney and Dick Few. They have both done a very fine job and have been a real credit to "YOUR" Club. Thank you "GENTLEMEN" we all appreciate it. I will be looking forward to reports from both of you so don't let me down.

ATTENTION DAVE WHITE: I've got my old houn'dawg "Droopy" out after you and we are "HOT" at your heels. As you say there may not be too much DX on 80/40 Novice CW but we still want to hear from you.

In fact I would like to here and now tell one and all that --- We want to hear from all of you !!!---I don't care whether you hear DX or not. Send me your reports of what you do hear and I'll publish as much of it as I can. Being the owner of a "Sick" S-107 I hear very little DX and at this time I have to be content with just logging U.S. Hams. But, this has not slowed me down, nor has it reduced the pleasure of DXing the Ham Bands. A DX Card is a great thing to have but so is a card from a new State heard and now confirmed, or a card from a CHCer, or from a new county or that last card needed for a new award. So just because you OM and YL/YXL's do not hear too much DX do not let this stop you from reporting. This column is for you just as much as it is for the guy who can hear DX. Besides the more you listen the more DX you may hear. Each report received will be greatly appreciated no matter what it covers or how long or short it is. In fact if you are busy (as we all are what with work or school) don't skip reporting just because you don't have time to write a letter. Instead send me your report on a post card. That way if you only have one or two listings you can still send it in and not spend a lot of time doing it. All I ask of you is that you please write plainly or print so as to hold down the errors. I'll make plenty on my own. HI !!!