

HEADQUARTERS ANNOUNCES!!!

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Beginning this edition of FRENCH, 3rd class mailing will again be used. We had tried using 1st class in hopes it would tend to allow more time and induce more interest for members to submit reports to the various sections, but such did not result.

A new section... "Space World"... edited by Nick N. Vrettos, will begin in this edition. Subsequent sections will continue if response/interest warrants. Nick is well-versed on the subjects these sections will contain. He has worked with missiles and rockets at tracking stations in various parts of the world. In addition, he has a wealth of knowledge regarding UFO's (Unidentified Flying Objects) which although do not deal with our hobby, nonetheless make for interesting reading material. The "Space World" section is the answer to those of you who requested such a section via the consensus questionnaires a month or so ago. We hope to add other sections wanted by members as we progress.

Special thanks to Hank Bennett/Popular Electronics, for notoriety given NASA in the May PE magazine; To James J. Howard/E.E. of ASWLC for mentioning new NASA hdq data in the May "SWL"; To Greg Gordon/President and Dick VerWayne/Ed. of OVSWC for designating NASA as club of the month for May in their bulletin.

Recognition of Bob Binau and Harvey Young, recent newcomers to NASA, for their FB efforts and regular reporting to various sections in bulletins of all clubs to which they belong. These two OM set a good example, even for some of the oldtimers!

Bouquets to Eleanore Hruska, editor of "The Housewife Listens" column in the OVSWC bulletin. "Elly" is a credit to her club and our hobby!

Congratulations and best wishes for luck and success to NASA member Gene Molter who recently was hired as a news director/newscaster and DJ for radio station WEMJ in Laconia, New Hampshire. (WEMJ, a CBS affiliate, operates on 1490kcs w/1000 watts day, 250 watts night) Additional congrats are due Gene also; He will be a bridegroom in early June. (If Gene doesn't report to the bulletin this month, I think we can very well understand why. Hi!) Happy "daze" OM!! (and 88 to Norma Del too!)

Added honors to NASA member Larry Marshall who won \$20 for his "Prize Shack" photo which will be published/contained in an upcoming issue of EI. (Last year Larry had another of his shack photos printed in PE.. Photography, as well as DXing, is a hobby which this Devils Lake, N.D. OM enjoys.)

NASA TEAM SCORE

The recent MW contest between CDXC and NASA is over and although the following scores are not official, they are those submitted by the NASA members who took part. We have not heard from CDXC as yet, but seems they have again "out-classed" us for the second time. Next time I hope to have things on a more even keel and new rules applied.

Eric Koie	2242 points	Paul Gough	438 points
Joe Fela	1143 "	Dick Derrickson	404 "
Larry Marshall	856 "	Chuck Rader	354 "
Bob Newhart	758 "	Larry Bassett	352 "
Steve Raiche	700 "	Dick Little	303 "
Frank Curran	697 "	TEAM TOTAL	8913 "
Bill Wilson	672 "		

(Full/complete official scores and all details will be given later in both "Cadex" and "French") QRX!!

EDITOR'S CORNER

"UNITY and FRIENDSHIP" Part 2 - Unity... If the hobby of radio monitoring is to become as worldly as many think it should, one of the foremost important steps must then be a more cooperatively unitized relationship between the clubs. Perhaps a "congress" could be set up and each club would be therein represented by certain official(s) who would mutually voice their ideas, opinions, problems regarding their clubs, yet which pertain to the overall benefit of the hobby in general. Perhaps too, this "congress" could work out a set of rules and/or standardized procedures which is evident would help bring unity to the hobby. Intra-club contests/competitions might be arranged and with the "pooled" resources of the clubs, worthy prizes could be awarded. True none of this could be accomplished in a matter of weeks or months, but it could very well be in the not too distant future if initial steps are taken now. Bill Eddings

WELCOME!!!!!!...NEW MEMBERS

-----NASA-----

NEW MEMBERS!!!!!!.....WELCOME

- 135 Paul Kirkpatrick, 229 W. Chestnut Street, Souderton, Penna. (Rick Roll)
136 Tom Cardullo, 117 Orchard Street, Emerson, New Jersey (Steve Raiche)
137 Jack Thomas, "Tyn Giat" Bodffordd, Llangefni, Anglesey, Wales (Len Lee)
138 Dave White, P.O. Box 45, Grafton, West Virginia (Bill Eddings)
139 Nick N. Vrettos, Hq & Hq Company, Ft. Leonard Wood, Missouri (Lavoyd Kuney)
140 William P. Stevens, 514 North Second Street, Jeannette, Penna. (Ed Barkowski)
141 Stella Barkowski, 1911 Freeport Road, Arnold, Penna. (Ed Barkowski)
142 Robin Martin, Simonson Rd., Box 63, Glen Head, L.I., New York (Mike Feher)
143 Daniel Holtz, Box 246, Hastings, Penna. (Popular Electronics)
144 Theodore Templeton, P.O. Box 331, Edinboro, Penna. (Popular Electronics)

CHANGED/NEW QTH's: Steve Reading, 20 Riversdale Road, Prehen Est., Londonderry, N. Ire.
Len Lee, 46 Pengarth, Conway, North Wales, U.K. Detlef Schuler, P.O. Box 58, Berlin-pankow 1, GDR/Germany. Dave Knowlton, 375 Cedar Street, Manchester, New Hampshire. Frank Curran, 93 Coleman Drive, Hartford, Connecticut. John Arthur, 3004 Watson Blvd., Endwell, New York. Gene Molter, c/o J.W. McKenney, 158 Court St., Laconia, New Hamp.

BARGAINS!!!! FOR SALE/SWAP-----CLASSIFIEDS-----FOR SALE/SWAP DEALS!!!!

HY-GAIN SWO ANTENNA...all wired and ready to go. 100' coax included. Will sell or swap for what have you? Write Lavoyd Kuney, 7618 Beaverland. Detroit 39, Michigan.
AR-3 and QF-1....will swap for a S-38C or S-38D. Contact Gary Payne, 4812 E. Grant, Fresno, California. (Gary is also interested in photo's of race horses.)

SUPPLIES

SERVICES

SERVICES

- Club rubber stamps, large to small size (specify which) 89¢ each ppd. Order from hdq.
Club letterheads, 100 per \$1.00 ppd. Order from hdq.
Club QSL cards, \$2.20 per 100 ppd (woodgrain or glossy stock) \$1.70 per 100 ppd (plain white card stock). Specify stock wanted, also any two colors (red, green, blue, black, silver, yellow, brown) of ink. Send your name/call letters/complete address to: Print Shop, 2024 Willow Street, Caldwell, Idaho. (Allow about 2 weeks for delivery).
Translation service, to or from any of the following- French, Spanish, Portuguese, Swedish, Danish, Norwegian, Dutch, German, Turkish. Send to SWBC Editor, Bob Newhart. Be sure to enclose/include return postage.
Ham QTH service, write to Hamband Editor Lavoyd Kuney. Send SASE.

Membership in the North American Shortwave Association is open to any and all interested in those hobbies related to radio and who believe in the motto "Unity and Friendship". Dues are \$2.50 per year in North America and \$3.50 in all other parts of the world. DX!

*****CO ALL NASA MEMBERS*****

I am sure all of you are well aware that we are basically a shortwave listeners club. True we include other phases of the DXing hobby in our bulletins, but nonetheless, we still remain, primarily, an swl organization. This being fact, it is alarming to note the laxity on the part of you SWL/DXers insofar as reporting to our sections thereto. Matter is, ever since I have been with NASA, the SW sections have never really had a good backing from the membership. Now I am not one to beg or to plead and I don't intend doing so here; if those of you in the rank and file are not interested enough in the club, the bulletins, then it is you which do not get the full benefit in the long run.

Going over old records and various application forms here on file, I see many of you list SWBC as your main interest in the DX hobby, yet I have yet to notice any reports ever being submitted by 98% of you. And in the consensus questionnaires you returned to hdq (out of 110 sent out at the time, 84 were submitted as requested), over half of you say you intended to submit reports, etc for the various sections of the bulletins, but to date, less than 5% of you have done so. Your word was taken in good faith....was it to no avail? Good faith is indeed vital, yet if it is not backed up by good deed, it is of little value where we are here concerned. Many of you are really FB DXers and I have seen some of your totals now and then, here and there. Your reports, were you to send them in, would be an asset to the club and bulletins, they would be a great help and inspiration to the newer DXers in our ranks. This is supposed to be a friendly hobby-club, REMEMBER????!!!

There is naught, to my knowledge, that can be done from the hdq standpoint in this instance. As I see it, this fall's on the shoulders of you DXers. Making the upcoming issues of FRENIX more complete, more worthy and more informative is your job. The hdq staff is merely here to put it together so that it meets with your approval and in ways makes you glad to be a part of same.

Hdq even went so far as to risk monetary loss by mailing bulletins via 1st class in hopes it would instill an interest and allow more time for reports to be submitted. Alas, this made no mark at all. Result is we are back to 3rd class.

Well thats it gentlemen, now what say you?

Bill Eddings

"AN AFTER THOUGHT - MAN, TRAVEL, COMMUNICATION"

The recent success of the "Faith 7" flight by astronaut Gordon Cooper is still afresh in everyone's mind, I am sure. Tis a feat that will be long remembered.

Since the dawn of time man has continually increased the speed of travel. Along with the speed of travel he has increased the speed of communications. It seems that no one has ever really wanted to be alone, entirely cut off from his friends/loved ones. So despite the speed of the space capsule, "Gordo" was able to keep in touch with his companions and family regardless of the distance he was from them.

It is a pity that with all this improvement in travel and communications, man seems yet in ways, as far apart from his neighbor as ever.

Someday soon, it is predicted, we will explore the valley of the moon. If this be so, perhaps we should pray that our explorers have a safe return and that they bring back with them the key to better human understanding. When men discover how to keep that one simple rule "Love ye one another", then for sure all misery will vanish from the earth.

Bill Eddings

- - SHORTWAVE REPORT - -

THE NORTH AMERICAN SHORTWAVE ASSOCIATION

N A S A

SWBC

JUNE 1963

Reports from the U.S. and Canada should be sent to: PFC Robert Newhart, Det. C 7th USA Signal Spt. Unit, APO 29, New York, New York (Via air-mail, regular 8¢ rate). All other reports to: Robert Newhart, Det. C 7th USA Signal Spt Unit, USForces APO 29, Munich, Germany. Deadline for reports to arrive here is the 12th of each month. (I do not hold back late reports.) Pse send reports via air-mail so they arrive in time.

Brief notes: Radio Prague has a photo contest. Each listener must send in 6 pictures (size 5x7 and up) black and white or color. Prizes include cameras and equipment....
...Radio Bucharest offers a badge for 2 reports during a two week period. Reports must be postmarked before 15 June. Those who also send program suggestions will get a pennant or new Rumanian mint stamps.....Thanks to Tom Lehtio for the Finnish reception report form which I plan to use soon. Tack sa mycket, Tom.....Iceland and also HCJB now have new QSL cards.....Australia will soon have a new 10kw religious station operating from Sydney and broadcasting on 11740/17700/17790kcs.

ALL TIMES GMT - - - - CURRENT REPORTS - - - - ALL TIMES GMT

Abbreviations used are as follows: A-approximate freq. M-measured freq. P-point to point or utility station. w/-with. All freq's underlined denote news items.

16 Meter Band

- 17875 Radio Ministerio de Educacao, Rio de Janeiro again active here. (SCDX)
- 17815 Radio Cultura, Sao Paulo again active 1700-0300 (SCDX)
- 17795 Radio Difusora do Amazonas, Manaus again active 1045-2210 (SCDX)

19 Meter Band

- 15405 Deutsche Welle has a new service to North America 1510-1550. In English and is parallel w/11795kc (Ed.)
- 15350 Radio Luxembourg I. Heard 1020 w/French music (Ed.)
- 15175 Radio Norway. See 9610kc.
- 15165 Denmark heard 2020-2045 s/off, English to South Africa (Luyster)
- 15135 Beirut new freq. Hrd in Arabic at 1600 (DSWCI)
- 15055A Radio Libertad, la voz anti-comunista de America hrd 2330---2- fadeout. Spanish news, LA music and an anti-communist drama. (Luyster)

25 Meter Band

- 11970 Radio Nationale Khmere, Cambodia has English daily 0345-0355 (SCDX)
- 11960 Kiev, USSR. In English to North America. Mon-Thurs-Sat 0250&0450 (SCDX)
- 11950 Saudi Arabia in Indonesian 1300-1400 for Indonesia, Malaya, SE Asia. (SCDX)
- 11875 Radio Sociedade de Bahia again active 2030-2230 (DSWCI)
- 11850 Radio Norway. See 9610kc.
- 11825 Radio Tahiti hrd nightly after 0400. Good sigs. In Tahitian to 0500, then into French. Power?? (Luyster) (4kw Ron! Ed.)
- 11795 Deutsche Welle, see 15405kc.
- 11790 Kiev, USSR. see 11960kc.
- 11765 La Cruz del Sur, Bolivia has English 0330-0400; Tue-Thurs-Sat (SRC)

31 Meter Band

- 9710 Kiev, USSR. see 11960kc.

- 9670 Saudi Arabia testing here from 1510 (SCDX)
9650 Kiev, USSR has English to North America. Mon-Thurs-Sat at 0450 (SCDX)
9640 Venezuela, see 4980kc.
9610 Radio Norway new service to North America 1500-1630. also 15175/11850kcs (Ed.)
9560 Amman, Jordan w/music and English news 0120-0130 (Luyster)
9540A Radio Lumiere, Haiti testing 1200-1600 (SCDX)
9520 Radio Ceylon, Commercial service here from 9560kc. (Køie)
9009 Kol Zion in English, 2015-2045. Fair sigs w/QSB (Luyster)

41 Meter Band

- 7250 Vatican Radio w/English to North America 0050-0105. Usually strong sigs (Luyster)
7180 Emisora de Radiodifusion de Santa Isabel de Fernando Poo, daily 0630-0730, 1200-1400, 1700-2100 (DSWCI)
7175 Radio Congo here 1100-1300 according to QSL (SCDX)

49 Meter Band

- 6075 VOA Okinawa in English. Excellent sigs 2200-2230 (Schuler)
5994 Radio Martinique sked 1115-0330 (SRC)

60 Meter Band

- 4985 La Cruz del Sur, Bolivia (see 11765kc)
4980 Eco's del Torbes new freq. Parallel to 9640kc. (DSWCI)
4895 Radio Martinique sked. 1500-0330 (SRC)
4880 Radio Commercial, Dominican Rep. heard 0530 (SCDX)
4800 Radio Nepal home service 0220-0420, -720-0920, 1320-1520. English news at 0300 (SCDX)
4730 Radio Pakistan new freq. In Persian at 1600-1645 (DSWCI)

90 Meter Band

- 3364 Radio Congo 0430-0630, 1530-2100 (2200 Sat) according to sked (SCDX)
3315 Radio Martinique sked. 1115-1500 (SRC)

(Very few reports were submitted for this month, but credit for those which were sent in go to: Ron Luyster-Ohio, Erik Køie-Denmark, Detlef Schuler-GDR, Your Ed.-Germany and the following DX clubs/bulletins; Danish Shortwave Club International, Radio Sweden, Sydic Radio Club, Bebelux DX Club and Finland DX Klubb.)

INDEX BY COUNTRY/FREQUENCY

BOLIVIA, 4985-11765. BRAZIL, 11875-17795-17815-17875. CEYLON, 9520. CONGO, 3364-7175. CAMBODIA, 11970. DENMARK, 15165. DOMINICAN REPUBLIC, 4880. GERMANY, 11795-15405. HAITI, 9540. ISRAEL, 9009. JORDAN, 9560. LEBANON, 15135. LUXEMBOURG, 15350. MARTINIQUE, 3315-4895-5994. NEPAL, 4800. NORWAY, 9610-11850-15175. PAKISTAN, 4730. RYUKYUS, 6075. SAUDI ARABIA, 9670-11950. TAHITI, 11825. USSR, 9650-9710-11790-11960. VATICAN, 7250. VENEZEULA 4980-9640. CELESTINE, 15055.

INDEX BY TIME/FREQUENCY

0100, 7250-9560, 0300, 4800-4980-4985-9650-9710-11765-11790-11960. 0400, 11825-11970. 0500, 9710-11790-11960. 0600, 4880. 1100, 7175-15350. 1200, 9540. 1300, 11950. 1500, 9610-9670-11795-11850-15175-15405. 1600, 3364-4730-15135. 2000, 9009-11875-15165. 2200, 6075. 2300, 15055-9640.

(As you can well note, this section needs many more reporters; Let's see YOU take part!)

FOREIGN RECEPTION REPORT

And now for this months foreign language reception report form which is in Danish. Let me call your attention to the fact that you should be sure to distinguish between æ and ae; They are not the same!

Kære herr,

Jeg havde nøjet at høre din station i dag, og lat mig ge oplysninger over programmet som jeg har hørt: Den 19, fra kl. : til kl. : GMT, pa. kc. Jeg har hørt din station med SINPO. Min modtager er en , som har rør, og min antenn er en langtråd med længd meter, højde meter, mod (norden/syden/østen/vesten). Jeg er medlem i North American Shortwave Association, og jeg fik verifikationer (QSLer) fra stationer i lænder.

(Insert program details)

Jeg er meget interessede om at lyttere til kortbolgestationer og jeg skal være meget taksan hvis De sende mig dit programblad og kontrollere denne rapport og hvis den er rigtig da sende mig Deres QSLkort eller et brev som verifikation af min modtagelse af din station. Jeg skal sende dig mere rapport, hvis De vil ha dem.

73, (Your name/call/QRA-QTH)

Danish word list: Names of months - januar, februar, marts, april, maj, juni, juli, august, september, oktober, november, december.

- News-nyhederne Commercial-reklan Mailbag-brevlade Weather-vejret Song-sang
- Signoff-stengelse(af sendelsæt) Educational program-et opdragningsprogram
- Political speech-politiskt tal Musical interlude-en musik paus
- Popular music-populærmusik Interval signal-et paussignal
- Piano musicPianomusik Sports program-et idrætsprogram
- Guitar music-guitarmusik Station announcement-anrop
- Accordion music-accordeonmusik SignOn-begyndelse af nalsanget
- Religious song-et religiøssang Time announcement-tidssignal
- Classical music-klassiskmusik Orchestra music-orkestermusik
- In English-pa engelsk Violin music-violinmusik
- Conversation-et samtal Request program-et ønskeprogram
- Dance music-dansmusik In Danish-pa dansk
- Tourist program-et turistsprogram Program revue-en programrevue
- Language lessons-sproglektioner National anthem-nati nalsanget

Concerning the printing of radio station skeds; Pse know I cannot print all of them as it would take up too much space. I would appreciate it if you would only send details about changes in station skeds rather than the entire sked. This month I rcvd a sked from the following stations: Belgium, Holland, RBI, Emissora Nacional, VOA, Prague, Warsaw, Budapest, Rumania, Norway, Sweden, Denmark, Bayerischer Rundfunk and Deutsche Welle, ...so you see why I cant print them all unless only changes are indicated.

It is quite disappointing to have so few reports submitted to this section when it is known fact that reports are so vital and importnat to the making of it. I cannot give you an informative, up-to-date section unless I have your support and cooperation. I truly hope to hear from many more of you in time for the next issue of the bulletin. Please remember to send mail to me via air-mail (8¢) from North America. Tnx and DX.

Bob Newhart

DXing in FINLAND...

Tom Lehtio-OH2PELL

Virkby,

Sunis-Hagen, Finland

N A SIA

JUNE 1963

Hello everyone! Here is my second report and I am sorry I could not get it to you sooner, but we had a post strike and I could not get mail service. All is settled now and I hope there is no same QRM in the future. So here we go.....

This time I will tell you about radio stations heard here in Finland while I am at DXing. These are stations from which I have received QSL's and rather than just list them, I will also try and give you a few personal facts as they come to mind.

The year 1962 was not too bad a year for DX here, however I cannot list all the many stations I have heard, but I will give you best samples.

On SW; Comorés Island-RTF Comorés, Ethiopia-Radio Addis Ababa, Mauritius-Mauritius BS, Sao Thome-Radio Clube de Sao Thome, Upper Volta-Radio Haute Volta, North Borneo-Radio Sabah, Campodge-Radio Campodge, Taiwan-AFRS, New Guinea-Radio Rabaul, Solomon Is-Solomon Is.BS, Barbados-Radio Barbados, Honduras-El Eco de Honduras, Brazil-Radio Globo, Colombia-Radio Vision, Peru-Radio Americas, Surinam-AVROS;.....As you can see, these are quite mixed being that when condx are right, distant low powered stations can also be heard rather well.

On MW; DXing here is more interesting because distant stations are seldom heard (perhaps only twice a month). Many Spanish low powered stations are heard and are interesting. African stations are the real 'D' ones and are sometimes heard here in Finland. Radio Tunis-Egypt, Amman BS-Amman are examples. And then from Asia, many Indian and Chinese stations can be heard, even such unusual ones as Radio Campodge. From South America we get many Brazilian MW stations; Also many Venezuelan. With luck we can get such rare ones as Radio Bermude, Radio Kelkboom. The U.S. and Canadian stations are wanted by all DXers here in Finland and we have heard many, for example; WKBW, KXEL, WHW, KSL, WNEW, CBN, CBA, CBJ, etc. Yes, MW is rewarding here is the DXer works at it nightly when condx are right. Here MW DXers do not need "fancy" antennas....even Ma's laundry line can be used. Hi! But here, as everywhere, condx are needed for good DXing.

So I hope I have given you now a view of our listenings here in Finland in 1962. Maybe the year now will bring some surprises. Living in hopes, best wishes to you.

Yours truly,

Timo (Tom) Lehtio
OH2PELL

(Hdq would like to hear from you in regards to these reports; Tom also would be most happy to hear from you. NASA has other overseas representatives in the personages of Bill Harris-Wales, Detlef Schuler-GDR, Eric Koie-Denmark, all of whom have consented to send reports from their various countries, but to date, none have been received.)

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"THERE ARE THOSE...and THERE ARE THOSE"

Some of the older OM in the hobby refrain from communicating with the younger. Some of the younger do likewise with the older. Most offer reasons/excuses which are certainly not in keeping with the NASA motto, yet are within the rights of all individuals.

On the other hand there are those like Curt Webber who is in his seventies and Detlef Schuler just out of his teens. Curt recently was most elated to have received a note and card from Detlef asking the privilege of starting a penpalship....needless to say it is now in progress and will most likely result in benefits to both.

Limiting ones friendships because of race, color or creed is bad enough, but when it comes to limiting them due to differences in ages....God help us! B.E.

"Unity and Friendship"

NORTH AMERICAN SHORTWAVE ASSOCIATION

Warren Anderson "Card Swaps" Editor 1424 Quince Street Brainerd, Minnesota
 Dave Alessi "Reel Ramblings" Editor 2709 West 11th Street Erie, Pennsylvania
 N A S A Page 1 JUNE 1963

++ CARD SWAPS ++
 Warren Anderson, Editor

I have quite a few ideas and several bits of news which must be presented in this issue so I will not have as many QTHs as usual, but there is enough to keep you licking stamps for awhile!

First off, Dave Hailey has quit swapping because he was drafted. Connie Hill, Dave Edger, and Bill Lund have also went QRT. Boy, we just get swaps for a few states, and then we lose another state!

We have several OMs who have moved to new QTHs. Jim Morrison WPE4BWV to 625 9th Courth Street, Birmingham, Alabama.....and Buz Odell WPE4BYD to 623 Alexandra Drive, Kirkwood, Missouri.

I have also found out that there is a new QSL bureau. This one is run by John Shinn, Box 20, Bowsman, Manitoba, Canada. Send him a SASE and you may find yourself a recipient of a foreign QSL swap!

How would you like to have a swapper's scoreboard? Bill Eddings has asked me to try the idea out. I would like to get a scoreboard started very much. If I could get a scoreboard going, we should be able to secure an extra page for the section. The scoreboard would list the swapper's QTH, # of states swapped, # of VE provinces swapped, # of countries swapped, total swaps, and possibly the contest points. Contest!?? Yes, that's right! You can find full details on page 3 of my section!

Next, Bill has informed me of the new NASA cardswap award. There are three ways to win the the award: swap all 50 U.S. states; 25 U.S. states, 8 VE provinces; or you can swap 50 countries. Forgot, you have to swap 17 countries for the states/province. Cost will be 75 cents to NASA members or \$1.00 to non-members. To apply you must send a list of the swaps to NASA HQ. The list must include QTH, call, name, and date of the swap. If any of you have any particular problems regarding swapping for the awards, I will be glad to try to help you. Just send a card/letter up my way. PLEASE..I have a Hawaii QTH but I can not guarantee he is a 100% swapper, so don't ask me for Hawaii unless you want to take a gamble on him.

I was thinking of trying a new way of listing QTHs. after the QTH I would use a number/s to designate what the swapper swapped followed by the credit. I think it is a very convenient way to list those who swap shack pictures, stamps, etc.. If you would like me to start listings of, such, drop me a line.

Finally, a little note about friendship. Last month I told you about Ed Barkowski. This month I am happy to say that he has helped a SWL to become a member of NASA. Ed drove over to Jeanette, Pennsylvania to see fell swapper, Bill Stevens. Bill has Cerebral Palsy, so I am sure he was happy to see Ed. They got to talking and it ended up with Ed bying (buying) Bill a membership in NASA. I think we can expect to hear of similar happenings involving Ed because he is a real FB fello always readdy to lend a hand! Welcome to the club Bill and Hats off to Ed Barkowski, a grand OM!!!

| | | | |
|-------------|---------|--|------|
| ALASKA | KL7PE2Q | Clayton Woodward, Palmer, Alaska | EG÷ |
| ARIZONA | WPE7AJU | John Milmont, 2018 North 29th Street, Phoenix 8, Arizona | ÷ |
| | WPE7BO | Mike Zussman, 8078 North 15th Avenue, Phoenix, Arizona | ÷ |
| CALIFORNIA | WPE6DLK | Richard Kibsgaard, 1301 Hoag Street, Corning, California | G÷ |
| | WPE6DHU | Gary Payne, 4812 East Grant, Fresno, California | (1)E |
| | SWL-W6 | Wallace Glavich, 1208 Gross Street, Eureka, California | (2)B |
| CONNECTICUT | WPE1DJJ | Edx Drumm, 14 Dale Road, Wethersfield, Connecticut | D÷ |
| | WPE3DXV | John Lane, Box 21, Selbyville, Conn. (Delaware QSL) | DE÷ |
| ILLINOIS | WPE9EKW | Walter Smart, R.R. #1, Pittsfield 1, Illinois | F |

FLASH!!! Just been notified via Neal Gregory that Dave Hailey is lonesome and wants to be swapping again. QTH: Pvt. Dave Hailey, US53 358 450, Fifth training regiment, Company K, 3rd Batoon, Fort Polk, Louisiana.

- | | | |
|---------------|---------|---|
| INDIANA | WPE9AT | Bill Wambach, 1301 Mt. Auburn Road, Evansville 12, Indiana |
| | WPE9CYJ | Jim Bontrager, Box 245 Pine St., Topeka, Indiana |
| Kentucky | WPE4EHL | Gary Atkins, 2200 West Burnett Ave., Louisville 10, Kentucky |
| MASSACHUSETTS | WPE1ASX | Paul Gough, 18 Elito (Eliot) Ave., Williamsport, Massachusetts |
| | WPE1DRS | Mike King, North Eastham, Cape Cod, Massachusetts |
| MICHIGAN | WPE8WH | Richard Powers, 13736 Mecca Street, Detoit 37, Michigan |
| MINNESOTA | WPE0KA | Mal Pickens, 4032 12th Street, Minneapolis 7, Minnesota |
| MISSOURI | WPE0BYJ | John Gaither, 523 West Maple, Nevada, Missouri |
| NEVADA | WPE7YQ | Pat Bailey, 711 South Sixth St., Las Vegas, Nevada |
| | WPE7BEX | Earle Fisher, 1412 Piper Ave., No. Las Vegas, Nevada |
| NEW JERSEY | WPE2AVC | Edward Broome, R.D. #2 - Box 84, Vincenttown, New Jersey |
| NEW YORK | WPE2HHX | Harold Fishbough, 407 Schuyler Ave., Elmira, New York |
| OHIO | WPE8EPN | Neal Bates, 74 Hartshorn Drive, Painesville, Ohio |
| OREGON | WPE7AVQ | Ed Smith, 905 Madison St., Corvallis, Oregon |
| PENNSYLVANIA | WPE3EGI | Ed Barkowski, 1911 Freeport Rd., New Kensington, Pennsylvania (2) |
| | WPE3OZ | Bill Stevens, 514 No. Second Ave., Jeanette, Pennsylvania (|
| TENNESSEE | WPE4EUJ | Larry Brown, 2085 Elzey Ave., Memphis 4, Tennessee |
| TEXAS | WPE5CBD | Richard Little, 4140 Winfield Ave., Fort Worth, Texas |
| VERMONT | WPE1DNM | John Stec, 11 Upland Rd., Essex Junction, Vermont |
| WASHINGTON | WPE7ALN | John Quim, 6756 Mars Ave., Seattle 8, Washington |
| | WPE7BJK | Dick Jones, 815 5th Street, Hoquiam, Washington |
| WEST VIRGINIA | WPE8CAY | Louis Horacek, 3268 University Ave., Morgantown, W. Virginia |
| | WPE8EYA | Dave White, P.O. Box 45, Grafton, West Virginia |
| Wisconsin | WPE9FKX | Carl Schumland, Route #1 - Box 71, Prentice, Wisconsin |

T. Lehito sent in a Hawaii QTH which I can't gur'tee. Use it if you wish. Frank Sharit, 99-526 mikioi Place, Aiea, Oahu, Hawaii. Another bit of late info via Neal Gregory...we have more Utah swappers!!

- | | | |
|------|---------|-------------------------------------|
| UTAH | WPE7BAT | Val Hanney, Box 124, Randolph, Utah |
| | WPE7BJG | ??????????, Box 181, Randolph, Utah |

- | | | |
|---------------------|-----------|---|
| ARGENTINA | SWL-LU | Kirkoxxxx A. Novales, Humberto 13438, Buenos Aires |
| CZECHOSLOVAKIA | OK3-8085 | Julius Mell, C/O Central Radio Club, Box 69, Praha 1, |
| FRANCE | SWL-F | Gerard Collet, 4 Imp. de Silhouette, Limoques, |
| HOLLAND | PA0PE1Q | Fred Weidema, 13A Steenstraat, Arnhem |
| IRAN | EQ1PE1A | Javad Mesbahi, Box 153, Shiraz, --ENCLOSE 1 IRC-- |
| ITALY | IL-694 | Vecchi Angelo, Salita Oregina 12-13, Genova |
| JAPAN | JA4-1050 | Saburo Katoh, 345 Uno Tamano, Okayama Pref., |
| CH KOREA | ????????? | Byong-Joo Cho, 1-93 Yong-Sun Dong(may be q) Pusan, |
| LIBYA | 5A-9473 | Liam R. Tully, Spitfire Block, RAF, Tobruk, BFPO 56, via London England |
| NORWAY | LA-3701 | Knut Lambrigt Vik, Eide pr., Grimstad, |
| SPAIN | EA2-846U | Juan Jose de Picaza, Jardines 6, 3º Bilbao |
| SWEDEN | SM7-1023 | Claes Lindblad, Krowobergsgatan 23, Karukrona 4, |
| SWITZERLAND | HE9FAY | Bernhard Kundig, Bichwill/Oberuzwil SG, |
| RUMANIA | YO8-2135 | Sicoe Nicolae-Sinus, Box 66, Bacau, |

- | | | | |
|-----------------------------------|-----------------|---------------------------------|------------------|
| A--Direct | D--Earle Fisher | G--Neal Bates | J--CDXC bulletin |
| B--Dave Alessi | E--Bill Eddings | H--Jim Creek | K--Neal Gregory |
| C--Frank Lenzioszek | F--Ed Smith | I--Timo Lehito | +--Editor |
| (1) Swaps pictures of race horses | | (2) Swaps pictures of SWL shack | |

I am very sorry that I messed this page up so bad. Actually this is being made by the third stencil! I spilled a Coke on the first and the second got folded up in my mill. Guess this wasn't my month, hi! Be better next issue....

First, I must explain that I am typing this page before I do the others. I think I have all of the information that is needed, but if I don't I will make a note on the first page. Reason for typing the page early is that I will have to begin preparing for final exams soon, and doing my two sections would QRM my studies too much.

!!!UNIVERSAL CARDSWAPPERS CONTEST!!!

We are very pleased to cooperate with the CDXC's cardswap editor, John Harvey, in helping to announce and publicize the first contest held by his section in Cadex. Not only is it a worthy and interesting contest, but it is open to all who are interested. Be you a member of CDXC or not, DXer, SWL, ARO, or cardswapper in general...you are welcome to enter. This section will keep you up-to-date on all additions and further developments. It is another way in which we can promote "Unity and Friendship," not only with cardswappers and CDXC, but with all the many radio hobbies and clubs connected with them. Here then is the official data as announced in the April issue of Cadex, the official bulletin of the Canadian DX Club...

FIRST CONTEST...Our first contest (cardswap-wise) was suggested by Jack Willis-VO2NA, who is supplying the prize, a free years membership in the CDXC...Here are the rules.

1. This contest shall cover all cards swapped between January 1, 1963 and January 1, 1964.
2. Any cardswapper, wheter a member of CDXC or not, is eligible to enter.
3. All valid swaps (including homebrew and ham cards that have been issued as swaps) are eligible to be entered.
4. Scoring will be done on a point basis and will be listed at the right of the Swappers Scoreboard section. Scoring will be done by me (John Harvey) in the following manner:

- 1 point for each card swapped
- 1 point for each state swapped
- 1 point for each province/territory swapped
- 1 point for each country swapped

5. A complete listing of name/call/QTH must be submitted for each card.
6. All names submitted will be listed in my (John Harvey) regular column unless specifically asked not to be.
7. The winner's cards will be callable to my (John Harvey) QTH to be checked against my records.

8. The prize donated by Jack Willis, will be a free year's membership in the CDXC...other secondary prizes will be added as we go along.
9. Please submit your reports to me as often as possible (monthly would be best) to save me (John Harvey) and yourself a lot of work!

NASA has also donated an additional prize of a year's membership. Also, former cardswap editor-WPE3BWL, has donated a prize of 100 SWL cards. (Anyone interested in this contest, keep your reports up-to-date and send them to: John Harvey, 4957 Creek Road, Lewiston, New York.)

+++++*****

Best of luck and 73,

Wass

*** REEL RAMBLINGS ***

Dave Alessi, Editor

MAGNETICALLY SPEAKING:

Having heard many "tear-jerking" stories from different OM's in the hobby as to how they broke a belt or how their tapeheads were too worn to record or how their respective machines have developed "bugaboo's".....I now sympathize completely! Yep, MY recorder is now on the blink! (first one to laugh gets a hit on da haid!!)

Actually, I've been putting off the task of carting the old yak-box to the repair shop for several months, but things have kind of gotten out of hand and I just gave up. A few months ago I developed a buzz in the fan, but I ignored it; Then I broke a take-up reel and parts of the plastic got in the mechanism; Then I loosened the input jack by jerking a mike cable out too fast, where upon another hum developed somewhere internally; Then, the other night, I broke my record button in two and that did it! ALMOST!!!!!!! Later I discovered the drive-belt was slipping and so I really gave up and resigned myself to a repair bill. So all in all, I am now back to pounding typewriter keys for the present.

Ron Luyster has been having belt troubles also, but I suppose his recorder will be back in operation now that mine isnt. Seems it is always that way... when you finally develop a friendship to the point whereby there are more things to talk about than there is tape to talk on....something always goes wrong. Ron and I have spent quite a few hours playing music, reading poetry, discussing books and just gabbing in general. (I count all my tape contacts as blessings, but being as human as anyone, I do have favorites.)

Bob Binau reminded me the other day, something I wanted to discuss with all of you....FOUR TRACK RECORDING....Bob and I have been experimenting with this process as we both have equipment compatible to 4 track, but unfortunately these were not much of a success. I could read him on all four tracks, but parts were difficult to read because of hissing and other QRM seemingly due to misalignment. This is THE problem with 4 track recorders! For the most part they are not completely compatible and offer an advantage more where stereo is concerned rather than mono. So if you are contemplating buying such recorder....read up on what you are getting into before you do. By the way, I still have some booklets on this and other phases of the recording hobby...all you need do is ask for them. (Return postage would be appreciated!)

Many of you have been kind enough to write in and say what you think of the column as it is....I can honestly say that 99% of the mail has been most flattering. It bothers me however, that nobody mentions the shortcomings! Pse do!! YOUR opinion is most valuable to me in that I try to write what you like to read. I'd like to continue with the present format and with your help, I will. Feel free to write at anytime and I will answer promptly...if I dont, I will have a good excuse why I didnt. Hi!

* SWAP TALK de SWAPPERS NOTCH

in Pennsylvania.....Gene Barkowski, 1911 Freeport Road, New Kensington.
NASAer #123 would like 3ers at 3.75ips.

in Nebraska.....Al Anderson, 7908 Main Street, Ralston.
Al would like 3ers or 5ers at 3.75ips.

in Michigan.....Tom Sherman, 314 Fifth Avenue, Manistee.
3ers and 5ers at 3.75ips.

in New York.....Pete Bernstock, 2205 Davidson Avenue, New York 53.
Not an SWL, but an FB OM. 3ers at 3.75ips.

in Florida.....Bill Jeffers, 819 6th Ave.North, Jacksonville Beach.
He too requests 3ers at 3.75ips.

in New Mexico.....Sherry Mooney, 1002 Dorothy N.E., Albuquerque.
 A non-SWL YL of 17. Wants 3ers at 3.75ips. *

in Arizona.....Evelyn Thomas, 4327N.Longview#2, Phoenix 14.
 Another non-SWL YL who wants 3ers at 3.75ips. *

in Indiana.....Dennis Streveler, 1124 Drackert St., Hammond 19.
 Requests 3ers or 5ers at the usual 3.75ips speed.---

in Rhode Island.....Diane Tucker, 87 Benefit St., Providence.
 Still another non-SWL YL. Diane is 21 (single!) and
 as others in list, asks for 3ers-5ers at 3.75 ips. *

VIA ALESSI ALLEY

Many of you have expressed your pleasure in my "ramblings" and I feel that if this is what you want, this is what I will give.

Funny thing...now that I have dropped the "Off the Record" bit, at least for the present, some of you have asked for it. So if you will send me some info on subjects to write on, it may return in future columns.

The other day I bought an album called "The Big News of '59"...It was on sale and naturally I just couldn't turn it down. It contains voices of Walter Cronkite, Castro, Krushchev, Eisenhower, Herter, Nixon, Werner Von Braun, Adenauer, and McMillan. You can have a good time working these voices into a "gag-type" tape. (I have been using an old steam-type train as was used in the old west and one finds this running through my tapes now and again...its really most distracting. Hi! Took this engine QRM off an album I bought entitled "Ride this Train" by Johnny Cash.

Radio Bucharest informs me they are sending me an LP album of folk music and an art book. Wonder if any of you ever receive gifts like these...especially when you don't ask for them?

Many recorder owners wonder what subjects should be considered when starting a tapespondence; Also what makes an interesting tape. Factually, simplicity is the keynote where conversation is concerned. Talk about what you know and be honest of the things you do not know. None of us know everything about all subjects and there are many who will be pleased in finding out new things and gaining new interests. Be yourself! Converse of things that you find to be of interest and which you hope others may also find similarly. As you become more acquainted with your tapespondent(s), you will then soon learn one another's interests, likes and dislikes. Primarily however, in new friendships via tape, just be yourself. *

Lafayette Radio has a very good buy on a "mike-mixer" these days and if you want to "whip up" some rollicking tapes, you should consider adding one of these to your equipment in your yak-shak. Using one of these mixers, you can fade in and out from four separate input sources...i.e., your radio, a phono, a TV, and your mike. Four inputs lead into the mixer, one output leads to the input of your recorder; Each of the four mixer inputs has its own volume control. This mixer is also very useful when recording DX reports to be sent to radio stations. Matter of fact there are numerous uses for this little "gen" and all will lead to more pleasure during your tape "tantrums". *

Finally, and a real "killer" it is, Bill Eddings recently received an LP album from a French friend. The album contains all French songs. So what??!!...Well nothing except that Bill is now singing in French already yet. Vive la France!

Until next meeting with you, whether it be via this column, tape or letter, I wish you all the very best life has to offer.

Reely,

Dave

* HAM BAND SECTION *
NORTH AMERICAN SHORTWAVE ASSOCIATION
Lavoyd Kuney, Editor 7618 Beaverland Detroit 39, Michigan

N A S A Page One June 1963

Time - 24 hour GMT Deadline 10th each month.

"THIS IS BE NICE TO 'JOHN J. CULL' MONTH"

John J. Cull, WPE1COG. John has been a member of NASA for several months, being one of the first to join. Since I have been Editor of the Ham Band Section, he has been a splendid reporter. John is 16 years old and in Junior High School. He lists among his other hobbies model rocketry and girls.

He uses a National NC-300 receiver with a 136 ft window antenna. John also holds the Novice call of KN1UIW and is working towards his General ticket. His transmitting equipment is a Viking Challenger. He would appreciate reports from anyone hearing him on 3730, 7162 or 21126 kc.

He has a tape recorder and exchanges SWL cards. He belongs to ASWLC NNRC and NASA radio clubs and has the Capeway Radio Club certificate.

So we are glad to salute John Cull this month and we hope everyone will write John and let him know we are glad this is "Be Nice To John Cull Month". His QTH is 71 Bates Street, North Arlington, Mass.

* "EARTHSHAKING, GLASS SHATTERING DISCOVERY" *

* NASA and your editor are happy to bring this exclusive information, but in no way shape or form do we want any credit, all praise must go to the great SWL, who has devulged this to us -
* We will keep his name anonymous for the obvious reason. -
* Quote, "If the electric light bulb had not been invented, we
* would have to watch TV by candle-light". End quote
*
*

Cocos/Keeling Island.:- Lionel, VK9LA, announces he will shut down and return to Australia this comming December, but in the meantime he intends to become increasingly active with his HT-37, Drake 2A and TH-4 beam, using mostly SSB on 14260-300 kc around 1300 GMT. He occasionally shows up around 14050 kc CW at about the same time. Lionel says another operator on Cocos/Keeling is waiting his license and should be active soon. (DX Magazine)

Senator Barry Goldwater. Has now been issued a new call- K7UGA/3
He is also member number 631 in the Flying Hams Club

GET YOUR CONTEST ENTRIES IN BY JUNE 10th TO BE ELIGIBLE FOR AWARDS.

DX REPORTS

| Call | Country | Freq. | Date | Time | By |
|-----------|-------------|-----------|---------|------|---------|
| HI8NSF | Dom. Rep. | 21439 S | Jan. 16 | 1953 | WPE1CQG |
| KG4AM | Guantanamo | 21420 S | Jan. 16 | 1957 | |
| XE1ZE | Mexico | 14343 S | Jan. 16 | 0011 | |
| HC1AH | Equador | 21413 F | Jan. 17 | 1957 | |
| K3CNU/VOL | Canada | 14314 S | Jan. 18 | 1958 | |
| HC2JF | Equador | 14182 F | Jan. 19 | 1342 | |
| VP5TK | Turk | 14200 F | Apr. 6 | 1658 | |
| K7QYV/mm | Ship | 14353 S ? | Apr. 6 | 1700 | |
| KZ5RM | Canal Zone | 21400 F | Apr. 6 | 1705 | |
| DJ6QB | Germany | 14200 F | Apr. 6 | 1710 | |
| VP7CW | Bahamas | 14140 S | Apr. 6 | 1850 | |
| SV0MB | Greece | 14361 S ? | Apr. 6 | 1953 | |
| EL2E | Liberia | 14370 S ? | Apr. 7 | 2013 | |
| DL4BT | Germany | 14340 S | Apr. 7 | 2025 | |
| HH2W | Haiti | 21295 F | Apr. 7 | 2027 | |
| DL1AK | Germany | 14340 S | Apr. 7 | 2030 | |
| HB9TL | Switzerland | 14310 S | Apr. 7 | 2040 | |
| DJ4WN | Germany | 14600 S ? | Apr. 7 | 2050 | |
| HI8AA | Dom. Rep. | 14361 S ? | Apr. 7 | 2058 | |
| HH2VP | Haiti | 21270 F | Apr. 11 | 2015 | |
| KP4BEV | Puerto Rico | 21350 F | Apr. 11 | 2017 | |
| OA6LQ | Peru | 14140 S | Apr. 11 | 2036 | |
| GW3AX | Wales | 14134 S | Apr. 11 | 2041 | |
| DJ0BX | Germany | 14290 S | Apr. 11 | 2044 | |
| K0RJ/mm | Ship | 14292 S | Apr. 11 | 2046 | |
| F7DE | France | 14340 S | Apr. 11 | 2049 | |
| KR6CL/KH6 | Hawaii | 14mcs F | Apr. 20 | 0715 | OH2PELL |
| HA0HH | Hungry | 14mcs F | Apr. 20 | 0730 | |
| EALBH | Spain | 14mcs F | Apr. 20 | 0735 | |
| OH2BRR | Finland | 14mcs F | Apr. 20 | 0740 | |
| VP5RD | Jamaica | 14mcs F | Apr. 20 | 0745 | |
| UA0KSB | USSR | 14mcs F | Apr. 20 | 0750 | |
| KL7TEK | Alaska | 14mcs F | Apr. 20 | 0755 | |
| F80G | France | 14mcs F | Apr. 20 | 0756 | |
| VK3DM | Australia | 14mcs F | Apr. 20 | 0810 | |
| LA5AH | Norway | 14mcs F | Apr. 20 | 0905 | |
| EP2AS | Iran | 14mcs F | Apr. 20 | 1610 | |
| SV0JN | Greece | 14mcs F | Apr. 20 | 1620 | |
| 9M2UF | Malaya | 14mcs F | Apr. 20 | 1625 | |
| ZS6BIJ | S. Africa | 14mcs F | Apr. 20 | 1630 | |
| 4S7WP | Ceylon | 14mcs F | Apr. 20 | 1645 | |
| JALCNB | Japan | 14mcs F | Apr. 20 | 1655 | |
| 4X4OQ | Isreal | 14mcs F | Apr. 20 | 1710 | |
| 5A5TH | Libya | 14mcs F | Apr. 20 | 1805 | |
| IS1VAS | Sardenia | 14mcs F | Apr. 20 | 1810 | |
| AP2AI | Pakistan | 14mcs F | Apr. 20 | 1815 | |
| ZL2BE | New Zeal. | 21mcs F | Mar. 2 | 2211 | WPE9EKW |
| LU3AX | Argentina | 21mcs F | Mar. 2 | 2244 | |
| 9G1EC | Ghana | 14mcs F | Mar. 4 | 2235 | |
| OA1J | Peru | 21mcs F | Mar. 13 | 2253 | |
| PY1NA | Brazil | 21mcs F | Mar. 15 | 2245 | |
| YV4DU/5 | Venezuela | 14mcs F | Mar. 4 | 2300 | |

DX reports continued on page four.

Note ? out of band freqs ??

 Tips, QTH's, Info, QSL's received, and general items for SWL's.

New prefix- 7X2 replaces FA for Algeria, - 6YA replaces VP5 for Jamaica.

Richard Few is home from the hospital and back to school-good news.

Hy-Gain SWD antenna for sale, complete \$10.00 - your editor

It is reported that the Hams of Haiti had to turn their ham equipment in to authorities. This info from Neal Gregory.

Timo Lehtio- HIC 162, VIC 118, HPX 300, VPX 126 and VIZ 30

Mike Serdy- QSL's received, CR9AH, OZ5KG, KL7DBG/KS6, FY7YI, 5X5IU and ZD8DW. HIC 175, VIC 130, HPX 323, VPX 137, HIZ 37, VIZ 31.

Lavoyd Kuney, QSL's received- GC8KS, PY8SB, H18XAG, KP4YL, GB3RAF,- SVØWY, 4U1TU, LULDAB, DJØGT, PJ5CG, UA4IF, CR8AA, DL6EN, DL4YY
 HIC 221, VIC 189, HPX 407, VPX 274, HIZ 38, VIZ 37 VAS 50.

Reporters this month.

WPE1CQG- John Cull, 71 Bates St. North Arlington, Mass

OH2PE1L- Timo Lethio, Virkby, Sunis-Hagen, Virkby, Finland

WPE9EKW- Walter A Smart, R.R. 1, Pittsfield, Illinois

WPE7AIN- Neal Gregory, 5975 S.W. 91st Ave. Portland 25, Oregon

WPE7BID- Phil Fielding, 67 So. 150th East, Orem, Utah.

WPE3BSI- Mike Serdy, 1804 Maine St. Duquesne, Penna.

WPE2AOD- Mike Feher, P.O. Box 227, Patchogue, L.I. N.Y.

WPE3EGI- Ed Barkowski, 1911 Freeport Road, Arnold Penna.

Ed Barkowski- A nice letter received informs your editor, that Ed started his DXing about Christmas time 1962, he now uses a HE-30 receiver which he likes very much. He has been in the hospital and is now getting everything caught up and will be sending us his reports in the future- he also plans on taking part in the NASA contest.

The International YL net meets every tuesday and thursday on 14333 ssb at 1800 GMT- members are now in the hundreds with about 80 overseas DX stations- Also on the same freq. on wednesday at 1800 GMT they hold a get to gether of CHC/HTH members.

The CHCers will hold an International QSO party starting at 2300 GMT Mat 31st to 0600 GMT June 3, 1963, nearly 1000 CHC members from 50 states will be taking part. There are several awards for SWL's from this venture, hope you get one.

CEØXA- San Felix- This DXpedition had to be postponed, no future date has been set. Hold up is the rental of a boat, \$8000.00 for the 550 miles west from the Chile coast.

GB2SM- Will be in operation on 14340 ssb during the CHC QSO party.

VK3AHO- Will start operating for 14 days from Nauru, starting May 25 or 25th, call will be VK9RCH- This is the Hammarlund DXpedition.

KG6SX, Saipan- This call is held by Clay of ZWSAS fame and he he will be visiting Saipan periodically.

Senator Goldwater. (See page one) Futher info states he also holds the call of KØUIG and is active on 20 meter SSB.

| Call | Country | Freq. | | Date | Time | By |
|---------|--------------|-------|----|---------|------|---------|
| K5ANB | USA | 7 mcs | F | Feb. 23 | 1835 | WPE7BID |
| W5GOS | USA | 7 mcs | F | Feb. 23 | 0625 | |
| WA5FDE | USA | 7 mcs | F | Feb. 23 | 0625 | |
| W5WPB | USA | 7 mcs | F | Feb. 23 | 0500 | |
| W4SKA | USA | 7 mcs | F | Feb. 23 | 0715 | |
| K9ZVS | USA | 7 mcs | F | Feb. 23 | 0615 | |
| WA0AJZ | USA | 7 mcs | F | Mar. 2 | 2335 | |
| K7TRA | USA | 7 mcs | F | Mar. 3 | 0000 | |
| WA5CET | USA | 7 mcs | F | Apr. 12 | 1912 | |
| W2QCE | USA | 7 mcs | F | Apr. 12 | 1912 | |
| WN2FMM | USA | 7 mcs | CW | Mar. 22 | 0043 | |
| WN4LYQ | USA | 7 mcs | CW | Mar. 22 | 0043 | |
| KN7TMP | USA | 7 mcs | CW | Mar. 17 | 2245 | |
| WN0ERA | USA | 7 mcs | CW | Mar. 17 | 2245 | |
| KL7AIZ | Alaska | 7 mcs | CW | Apr. 2 | 0434 | |
| WN9FBO | USA | 7 mcs | CW | Apr. 6 | 0215 | |
| WN6CHA | USA | 7 mcs | CW | Apr. 5 | 0130 | |
| SV0WB | Greece | 14mcs | S | Apr. 11 | 2052 | WPE3BSI |
| AL2VX | Algeria | 14mcs | S | Apr. 11 | 2008 | |
| GC8KS | Jersey | 14mcs | S | Apr. 12 | 1925 | |
| HC8CA | Galapagos | 14mcs | S | Apr. 12 | 0007 | |
| ZB1A | Malta | 14mcs | S | Apr. 15 | 1900 | |
| HZ1AB | Saudi Arabia | 14mcs | S | Apr. 15 | 1939 | |
| 4X4IX | Israel | 14mcs | S | Apr. 15 | 1934 | |
| 6YABL | Jamaica | 14mcs | S | Apr. 21 | 2230 | |
| ST2AR | Sudan | 14mcs | S | Apr. 27 | 0020 | |
| 6YAMJ | Jamaica | 14mcs | S | Apr. 27 | 0009 | |
| KA7BH | Japan | 14mcs | S | Apr. 28 | 1228 | |
| KB6EPN | Canton | 14mcs | S | Apr. 28 | 1218 | |
| ZP5OG | Paraguay | 14mcs | S | Apr. 29 | 0044 | |
| BV1US | Formosa | 14mcs | S | Mar. 16 | 1200 | WPE2AQD |
| ZS5CZ | U. of S.A. | 14mcs | S | Mar. 16 | 1350 | |
| VK7ST | Tasmania | 7 mcs | CW | Mar. 20 | 1020 | |
| VP2KR | St. Kitts | 7 mcs | CW | Mar. 23 | 0321 | |
| 3A2CL | Monaco | 7009 | CW | Mar. 29 | 1000 | |
| UP2KNP | Lithuania | 14mcs | S | Mar. 30 | 1100 | |
| 4X4FQ | Israel | 14mcs | S | Apr. 27 | 1845 | |
| 6YABL | Jamaica | 14mcs | S | Apr. 27 | 1935 | |
| HC8CA | Galapagos | 14mcs | S | Apr. 27 | 1945 | |
| 5A2TS | Lybia | 14mcs | S | Apr. 27 | 1950 | |
| 9Q5GA | Congo | 14mcs | S | Apr. 27 | 1957 | |
| VQ4ERR | Kenya | 14mcs | S | Apr. 27 | 2140 | |
| 5X5IU | Uganda | 14mcs | S | Apr. 27 | 2142 | |
| YS1O | Salvador | 14mcs | S | Apr. 27 | 2205 | |
| CN8AQ | Morocco | 14mcs | S | Apr. 27 | 2315 | |
| OX3KW | Greenland | 14mcs | S | Apr. 27 | 2320 | |
| KB6EPN | Canton | 14mcs | S | Apr. 28 | 1222 | |
| KX6AY | Marshall | 14mcs | S | Apr. 28 | 1234 | |
| HZ1AB | Saudi Arabia | 14mcs | S | Apr. 28 | 1745 | |
| VS6AZ | Hong Kong | 14272 | S | May 7 | 0728 | WPE8AD |
| KR6DI | Okinawa | 14273 | S | May 7 | 0715 | |
| JA2ADH | Japan | 14275 | S | May 7 | 0645 | |
| 9L1RO | Sierra Leone | 14333 | S | Apr. 18 | 1839 | |
| FR7ZC/T | Tromelin | 14132 | S | Apr. 14 | 1148 | |
| GC8KS | Jersey | 14110 | S | Apr. 12 | 2110 | |
| ET3FW | Ethiopia | 14126 | S | Apr. 12 | 2035 | |
| HC8CA | Galapagos | 14347 | S | Apr. 12 | 1940 | |

NASA NEWSROOM

NORTH AMERICAN SHORTWAVE ASSOCIATION

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Richard Derrickson, Asst. 305 Jefferson Ave. Alexandria, Va.
NASA Page 1 June, 1963.

****Portland Radio Operator Relays News of Volcano....Word of a major volcanic eruption on Isabela Island off the coast of Ecuador recently dramatically reached the world through Al Davis, Portland ham, W7DIS, 10050 SW 25th Ave. Chico, a 5,000-foot volcano, "blew its top", Virgil M. Bowers, HC8CA reported from San Cristobal Island in the Galapagos group. Bowers, a Massateque, N.Y. ham, WA2WUV, headed a ham radio expedition to the remote volcanic, 50 miles from Isabela, the main island in the group. "The ground shook. The sky lit up. A pillar of smoke and ash rose up out of sight. It looked like an atomic bomb explosion--only the sky underneath the mushroom cloud turned an angry red and stayed that way all night", Bowers told Davis. "The eruption of smoke and ash lasted for 24 hours or more. It was not until 5 a.m. that a boat could be sent from here to check on the fate of the Isabela inhabitants, " Bowers told Davis. "The captain of the ship returned just tonight after 36 hours. He reported everyone on the island had escaped the eruption, so far as he could determine. He said they had taken to the sea and many had taken refuge in the village of Puerto Villamil on the south end of the island. But rivers of lava were still flowing down the north side of the crater--what was left of it. The whole top of the mountain was blown off," Bowers told Davis. This was the first description of the eruption to reach the U.S. so far as Bowers knew. The Ecuadorian navy had issued a brief bulletin saying there were no casualties. Bowers was sent to barren San Cristobal island by the Long Island DX Association, a group of amateur radio operators, to give them and other hams around the world practice in long distance contacts and to test new radio equipment, Davis explained. Listening with Davis was his wife, also a ham, with her own call sign--W7NU; ...and his son Darrell, 13, who has just received his novice license. While Bowers was still talking on the 20-meter band, Davis made a contact with KCAAC of Wilkes Land, in the Antarctica, where winter is just getting viciously under way. Davis is no stranger to volcanoes, having lived in the shadow of Venionimof in the Aleutian chain where rumblings and quakes are an almost daily occurrence. (Tnx to Neil Gregory)....

****AROUND THE CLUBS.....Executive Editorship of the CDXC is again in the hands of Fred Woodley. Dave Bennett, who held the post for the past two years, had to give the reins back to Fred for reasons both personal and club-beneficial. Dave will however, edit the Utility column in Cadex.WMRC is now under the sole managership of Jerry Seckel, 782 S. James Road, Columbus 27, Ohio. Former co-manager, Dick England, has QSY'd to Michigan where he will now reside. Dick will continue as SWBC editor. WMRC also announces that Ed Drumm/Wethersfield, Conn., is the new card-swap editor; Connie Hill/Arlington, Va., has had to relinquish her misc. column editorship because of school workload.OVSWC has started mimeographing its bulletins and has done away with the dittoing. (A step forward!)ENDXRC has disbanded because of printing and financial difficulties.More club news coming up on Page 2 of NASA NEWSROOM for June.....

.....NNRC, oldest and largest of all SWL clubs, has an "in-common" problem with most others. In its May bulletin, it is asking more members to support via reporting to the sections.

.....ASWLC's ARM (Amateur Radio Monitor) section editor, Leonard Rasch, announces he will soon turn his post over to someone else due to his school and connected activities.

.....NASA's news section may soon be receiving news items direct from the AP News Wire via member Doug Benson and radio station W5NY, Schenectady.

****PUBLICATION REVIEW.....Available from the Government Printing Office, Washington, D.C. is a monthly publication entitled, "Basic Radio Propagation Predictions". The predictions provide the information necessary for calculating the best frequencies for communication between any two points in the world at any time during the given month. The data are important to all users of long-range radio communications and navigation, including broadcasting, airline, steamship, and wireless services, as well as to investigators of radio propagation and ionosphere. Each issue, covering a period of 1 month, is released 3 months in advance and contains pertinent charts, drawings, and tables. Subscription price: \$1.50 a year; 50¢ additional for foreign mailing. Catalog No. C13.31. Orders should be sent to: Supt. of Documents, Government Printing Office, Washington 25, DC.

****RUSSIAN LANGUAGE RADIO PROGRAM OFFERED STUDENTS AS STUDY AID.....

.....Charlotte...Russian-language students in colleges and high schools along the eastern seaboard now can test their knowledge through a service of station WBT in Charlotte, North Carolina, which began broadcasting a nightly Russian-language program to Soviet personnel in Cuba on April 15.

.....WBT is a 50,000-watt medium wave station heard along the East coast from Canada to the Caribbean. The quarter-hour programs in Russian are produced in New York by Radio Liberty, one of the free world's principal broadcasters to the Soviet Union. Tuning in on WBT at 10:10 p.m. EST on 1110 kc. Monday through Friday; at 1:30 a.m. Sunday and at 12:05 a.m. Monday, the students of Russian within the WBT radius will hear the voices of Boris Orshansky, chief New York correspondent and producer of Radio Liberty, and of Irene Lunin, announcer. The broadcasts reporting the daily current events are heard again on WBT at 4:45 a.m., seven days a week. The joint enterprise was announced by Charles H. Crutchfield, Pres. of the Jefferson Standard Broadcasting Company of Charlotte and Howland H. Sargeant, Pres. of the American Committee for Liberation, parent organization of Radio Liberty, after it became obvious that a substantial number of Soviet citizens still remain in Cuba. The new service to Soviet citizens in the Caribbean covers news and background of international events and the Soviet domestic scene, particularly such developments as are suppressed or distorted by official Soviet media. The programs, which are fed by landline from New York to WBT, include a report on current weather conditions in Moscow. (de WBT/R.Liberty release via Martin Davis)

****SHORTS....FCC Chairman Newton Minow has announced he will retire from that post effective June 1st.....Monthly sunspot average forecast from SBC: June-19, July-18, August-17, Sept.-16, Oct.-15.....The SBC has begun a new extended DX program in its Saturday xmsns called the "Swiss Short-wave Merry-go-round".....Telstar I has an automatic device that will turn off its beacon xmtr on July 16, 1964, precisely 17,730 hours from its launching....That's it for now. Muchas gracias and on to Senor Derrickson!

****SATELLITE PARLEY--- European communications authorities will meet in Paris ~~XXXX~~ on May 20th and in London in mid-July to discuss the U.S. and international development of satellite communications, it was announced on May 16th. Members from the 19-nation conference of European Postal and Telecommunications Administrations will attend. (Washington Daily News)

****TALLEST STRUCTURE--- Now bearing the honor of being the tallest structure ever built by man is a steel tower soaring 1,749 ft. into the clouds over Columbus, Georgia. The steel tower, owned and used jointly by WRBL-TV and WTVM televises over a 25,434 square mile area in western Georgia and eastern Alabama. This tower now outranks a TV tower at Cape Girardeau, Missouri which rises 1,676 ft., and was the highest man-made structure. Both of these modern day giants far outdo the Empire State Building at 1,046 ft., and the Eiffel Tower at 984 ft. The WRBL-TV/WTVM antenna was designed and manufactured by the Radio Corporation of America. (Newsweek, via RON LUYSER)

****RADAR FOR FUJI--- Japan plans to strengthen its typhoon warning system by building the highest weather radar station in the world--atop 12,389-foot Mount Fujiyama. (Popular Mechanics, via RON LUYSER)

****TIROS V OFF--- The Tiros V weather satellite has stopped transmitting pictures after a record-breaking 10½ months of operation says the Nat'l Aeronautics and Space Admin. NASA said there probably had been a failure in the shutter mechanism on the camera. One camera failed last July 6, 17 days after the launching, because of a loss of electrical power. Tiros V operated longer than any other weater satellite. It sent more than 57,857 cloud pictures. (Washington Post)

****TELSTAR II UP--- The United States fired its second Telstar communications satellite into orbit on May 7th. Scientists scored a bullseye in the sky and the satellite went into orbit just as expected. A television signal was sent to the satellite on May 7th from a laboratory in Andover, Maine. It was received in both Britain and France. The signal lasted 18 minutes, from 9:05 p.m. to 9:23. The transmission was test patterns and a video tape that lasted about seven minutes. The British communications station at Goonhilly Downs said the picture was "steady and clear." The 3-million-dollar payload rode aloft aboard a nine-story-tall Delta rocket, which recorded its 17th success in 18 outings. Telstar II was launched at 7:38 a.m. It took the small silvery satellite 3 hours and 41 minutes to complete its first sweep of the earth. It carried special radiation protection devices and was placed in an orbit where it would meet less radiation than Telstar I. Radiation knocked out a transistor and silenced the signal of Telstar I on Feb. 21. (Washington Post)

****BOOSTER FOR PORABLE S--- Wrap and tape from three to ten turns of small-gauge insulated wire around a portable radio and you have a booster. You can ground one end and let the other dangle -- or connect it to another antenna. The trick permits reception inside such shielded areas as cars and ships, especially if the wire is led outside. (Popular Science, via JOHN CULL - MASS.)

****MISSING SATELLITE BELIEVED FOUND--- Astronomers may have located the communications satellite "Syncom One", which has been lost since shortly after its launching from Cape Canaveral Feb. 14th. This was reported by Harvard astronomer Donald Menzel. He said the 86-pound satellite is believed to have been photographed by astronomers at the Boyden Observatory at Bloemfontein, South Africa. Menzel said the pictures were made with a Schmidt camera, the largest photographic camers in the Southern Hemisphere. The Nat'l Aeron. and Space Admin. has asked to have the possible sighting confirmed by further observations and analysis. (BILL EDDINGS)

****SIGNALS FROM SPACE--- Messenger probes from intelligent beings in outer space might be in our own solar system right now, says a Stanford University radio astronomer. Prof. Ronald N. Bracewell says that man should be careful not to overlook unexplained radio signals from space; signals from other worlds could well be detected by radio monitors on earth, he thinks. But, he says in a new book, "A Journey Through Space and the Atom", the first contact is most likely to be made via computer probes from earth "talking" to computer probes from remote planets. (Popular Mechanics via RON LUYSER)

****TOKYO OLYMPICS VIA SATELLITE--- Sports fans who hope to watch the 1964 Tokyo Olympics on home TV can get set for a preview. Japan is expected to have a relay station ready in six months to handle experimental telecasts from TV satellites. (Transmission to date has been limited to transatlantic broadcasts.) (Newsweek via RON LUYSER)

****NO FAST TALK IN SPACE--- Calls to the folks back home are going to involve some long pauses in the space age. Light travels at 186,000 miles per second and the known communications media are limited to that speed. A radio message from the moon, roughly 250,000 miles from Earth, would take 1 1/4 seconds to arrive. According to Dr. M.L. Stehsel, Aerojet General Corp., Advanced Research Div., the time lapses increase as man moves farther and farther to the other planets. By the time a Pluto pioneer radioed back to home, he would have to wait 10 hours to get an answer! The answer does not lie in letter-writing. It would take a 25,000 mile-per-hour mail missile over 15 years to make the 3 billion mile trip to Pluto. (RON LUYSER)

****TELEPHONE IN THE JUNGLE--- Simple, inexpensive, easy-to-operate two-way radios are now being installed in every village and hamlet in Vietnam. Until recently, when the Reds attacked, the only way a village could call for help was by runner, or by signal drum. Today the radio can summon reinforcements in minutes. The value of the radios was proved in a few days after the first ones were installed. A village in Gia Dinh province was overrun by Communist guerrillas. The village chief sent an alarm to the next community. As the guerrillas retreated, they ran into an ambush. Fifteen were killed and the rest taken prisoner. The radios are a project of the U. S. Operations Mission. USOM spent nearly a year perfecting a two-way set that could survive Vietnam's rainy season, could be operated by persons who weren't technically trained, and would run in villages that had no electricity. The result was a \$350 apparatus which needs no adjusting, has a watertight case, and is powered by storage batteries recharged by windmills. In each village three peasants are charged with the radio's care and operation. They get a short, intensive course in how to hold the microphone and how to speak distinctly. Installation is handled by young American daredevils. Former Army communications specialists, they often go into Red-held territory and put in the new sets under fire. The installation crews have been ambushed nine times. The radios are set in concrete, padlocked, and have a destruct button to avert capture. (JOHN CULL & RON LUYSER)

****UNDERWATER RODEO--- Scientists plan to place electronic saddles on whales and let the huge mammals carry the tiny transmitters down beneath the surface and send back signals. Because whales can dive much deeper than submarines, the data they send back will be valuable to studies of anti-submarine warfare research. The minaturized electronic gear will be planted on the backs of surfaced ~~xxx~~ whales from small aircraft. Then scientists on a floating laboratory will follow the whales course and record the electronic feedback. Whales can dive 1000 feet or more.

That's it for this month

WRY BEST OF 73's & DX !!

 WARRL FIELD DAY WILL BE JUNE 22 - 23 *

Rich Defriokson

SPACE WORLD Today - Tomorrow

Nick N. Vrettos, Editor

Hq. and Hq. Company, 2nd TRB,

Ft. Leonard Wood, Mo.

N A S A

JUNE 1963

I. TRANSMITTER RIGS-MERCURY CAPSULES

The capsules equipment comes in pairs; One is a primary unit, and the other is referred to as "rescue gear". All components are miniturized. Two radar systems are used, one long-range tracking type, the other a medium-range precision setup. The two frequencies - "S"band/29.1mcs and "C"band/5555mcs. On the ground end of these are 18 tracking stations which include four command stations:

| ID Sign | Location | ID Sign | Location |
|---------|-------------------------|---------|------------------------|
| ATS | Atlantic Tracking Strip | GYM | Guayamas, Mexico |
| BDA | Bermuda | HAW | Hickman AFB, Hawaii |
| CAL | Point Arguello, Calif. | IOS | Indian Ocean Trkg Ship |
| CNV | Cape Canaveral | KNC | Kane, Nigeria |
| CTN | Canton Island | MJC | Machea, Australia |
| CYI | Canary Island | TEX | Corpus Christi, Texas |
| EGL | Elgin AFB, Fla. | WHS | White Sands, N. Mex. |
| GBI | G. Bahama Island | WOM | Woomera, Australia |
| GTI | G. Turk Island | ZZB | Zanzibar |

Transmitting frequencies which bear watching during space shots are; 15.016, 13.826, 13.215.5, 11.228, 10.615 and 7580. (latter two are used by transmitters at Greenbelt, Md.) Monitoring all these on 12 May, I hrd them being tested.

II. TUNING IN A SATELLITE

Set your rx for normal cw reception and use medium or wide i.f. selectivity. As the satellite approaches, the tone will sound slightly higher than when the satellite has passed overhead and is moving out of your range. In the U.S. you usually hear a satellite xmt for about 15/18 minutes during each orbit. U.S. satellites still going strong are; Explorer VII - 19,990 and Discoverer XXXVI - 20,005.

III. MISC. FACTS/INFO

VOA has programs which consist of news, data, etc on space and satellites. WLWO - 6155 and 9650kcs. WBOU - 9750 and 11.905kcs. WDSI - 11.890kcs. Tuesday through Sundays at 0330/0335 GMT; Monday through Saturday at 2230/2235 EST.

Did you know that in August 1962 there were 68 strange glowing objects (Flying Saucers) over Washington, D.C. but that the USAF has kept the lid on censorship in this matter. WHY? And did you know that 2 of our Explorer Satellites have confirmed the existence of a belt of INTENSE RADIATION circling the earth about 600 miles out from the equator (This was then to be named the "Van Allen Belt"). No such belt circles above either the North or South Polar regions, and it is these regions that the UFO's (Unidentified Flying Objects) entered our atmosphere, and by our satellite discovery we can now launch in due time, our space ships to any planet we desire without danger of radiation harm to the humans directing them.

(This first section was put together in haste, but I hope to do better in future. I do want to say, at this time, that I am happy to be a member of NASA and to be on the bulletin staff; I would be very pleased to hear from you regarding future sections on the subjects and matters dealing with space and related to our hobby. It will be up to you whether or not this section is continued or not. Send me any news or any facts, data, info you wish or write me asking any questions you would like answered, I will be glad to hear from you. Space communications are new/novel today, but they are the important and vital mode of the future. By becoming interested in them today, we will be schooled for them tomorrow.

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

Medium Wave

Steve Raiche-editor 20 Oak Bluff Cir. East Longmeadow, Mass.

June, 1963

Hi gang again! Received many reports and interesting features for this edition, so might as well get right into it.

The member's report format: Since I took over the section, I have been swamped with letters from members asking for a change in the format used in compiling station reports. It is generally agreed that a change is desirable, but nobody seems to have come up with a satisfactory substitute.

Upon considering all proposed methods, three useful methods have been chosen. These are as follows: 1) the state format; 2) a listing by frequency; 3) an alphabetical listing by call letters.

The purpose of listing member's reports is to give other DXers a chance to log a state/station not heard previously, and should not be used as a means for individual members to boast of their catches. The stations, therefore, must be presented in some kind of easy-to-follow logical order. Since all DXers are eventually going to strike out for Heard All States-BCB, a listing by state seems to be the most natural. For the above stated reasons, the most popular format, a listing of stations according to the member submitting them, is impractical.

If you would like to see any of the above formats in use, send your selection to NASAer Ramon Rosati, p. 8. If approximately 25 votes are received, a majority will rule, and that format will be used permanently. Otherwise, the format will go unchanged. Deadline for voting is July 10.

Big vs. little: Just recently, I received a station report from a member who stated: "Here is my BCB DX report for this month, about as good as I can do with a Hallicrafters S-120." This is probably the biggest misconception in DXing. Everyone has the same opinion about small receivers. If you own a small rig, don't feel as if you don't have a chance for good DX. This is foolish. Your editor uses a Hallicrafters S38E, and since 1961 have logged 650 stations. Another NASAer in Kansas has logged many East Coast 250 watters on an S-120. Sure it takes more work on a small rig, but the satisfaction of bringing home that good DX on a little job is a thrill that the fellows with big receivers don't experience.

Remember, we are always open for suggestions as to stations for features and tests. All stations suggested thus far have been contacted. Many have replied with helpful and interesting results.

Next month ought to prove very interesting indeed. For in July, a rather new NASA member, and a newcomer to the hobby, will take the floor in this section. His name is Ramon Rosati, and his subject is BCB DXing on a crystal set. Ramon has heard many states on his old "wireless", and will be on hand to let us all in on the secret. Ya don't miss it, hear!

This will be my last section from Massachusetts, as I am leaving soon with my family for Creve Coeur, Missouri. My father has been transferred. Haven't got the exact address yet, so suggest you send all July reports to Ramon Rosati, see p. 8.

Medium Wave Extra

WJAC-Johnstown, Pennsylvania

Our feature this month was suggested by Bill Eddings.

WJAC radio, formerly a 250 watt on 1400 kc., has changed frequency to 850 kc. and increased power to 10,000 watts as of April 23.

The change culminated many years of effort on the part of WJAC to provide a more powerful broadcasting facility for the area.

The President of WJAC, Walter W. Krebs, pointed out: "This improvement in radio coverage has been in the planning stages for the past ten years. We at WJAC have long realized that the Johnstown area was not getting the extensive radio coverage which this community deserved."

With the inauguration of service at 850 kc., WJAC has left the 1400 spot which it has held for more than 22 years. Prior to 1941, WJAC operated on 1370 kc.

Nine towers have been erected at a site near Hollsopple, Pennsylvania to broadcast the new WJAC signal. It will have a daytime pattern reaching into seven Pennsylvania counties.

In April, 1962, construction of the nine towers and a transmitter building was begun. This work was completed in October and was followed by a period of equipment tests lasting five months.

WJAC was the first station to bring full-time radio service to the Johnstown area, having been founded in 1925 by Johnstown Automobile Company. In the early Thirties, The Tribune Publishing Company purchased half-interest in the station, and later assumed full ownership.

Equipment previously in use at WJAC will be donated for the operation of a radio station at St. Francis College at Loretto, Pa. St. Francis College was recently granted permission to operate a radio station on 1400kc.

WJAC also operates WJAC-FM on 95.5 mc., and WJAC-TV on Channel 6.

NASA Test #4

Recently, the NASA has been given permission to hold a test broadcast over Station WISA, in Isabella, Puerto Rico, a 1000 watt station on 1390 kc.

The test will be held on Monday, June 24, at 0200-0230 EST (0300-0330 EDT), and will consist of a one-half hour tape recording with the voices of many of the NASA section editors and members. In the broadcast, the history of the NASA will be told.

All correct reception reports will be verified. Send all to:

Ronald T. Cushing, C.E.
Radio Station WISA
Box W
Isabella, Puerto Rico.

They verify by card.

GOOD LUCK!

In the next few issues, we hope to begin two new features in this section. The first will be a sub-section called THE DIRECTORY, and will consist of a listing of the most widely heard station in each of the fifty states, including power, exact operating times, and other information to help us all log those needed states. NASA members all over the country are busy scouting up all the facts on the stations for us.

The second new feature will be TIPS FROM OUR TOPS, and will be a page of DX tips submitted from our BCB DXing members. If you have a pet tip, send it to me today!

It must be added, however, that neither feature can be had unless we have enough members participating. Everyone is urged to send in the needed information. These features were suggested by you, so please help them get off the ground. Thanks.

Recent VERIFICATION INFORMATION

| | | |
|---------------------------|-----------|--------------------------|
| WRBN Topeka, Kansas | by letter | Max Falkenstein |
| KALF Mesa, Arizona | by letter | Sheldon Engel |
| WOKJ Jackson, Mississippi | by letter | Earle N. Hodges, C.E. |
| WOWO Ft. Wayne, Indiana | by folder | Harold L. Brokaw |
| KOZE Lewiston, Idaho | by letter | S.R. 'Jerry' Chandler |
| WSM Nashville, Tennessee | by letter | George A. Reynolds |
| KOVO Provo, Utah | by letter | Glenn K. Shaw |
| KORL Honolulu, Hawaii | by letter | Charles P. Crossno, C.E. |
| KDAB Arvada, Colorado | by letter | Stan Ransom, C.E. |
| KOTA Rapid City, S. Dak. | by letter | William F. Turner, Mgr. |
| KROD El Paso, Texas | by letter | Don Kirkpatrick |
| KWKH Shreveport, La. | by card | James Ranney, C.E. |
| CBW Winnipeg, Manitoba | by card | R. L. Punshon |
| WHO Des Moines, Iowa | by card | no signer |
| WJR Detroit, Michigan | by card | no signer |
| WWL New Orleans, La. | by card | W. A. Dean |
| KFAB Omaha, Nebraska | by card | no signer |
| KOA Denver, Colorado | by card | no signer |
| CKCK Regina, Sask. | by card | no signer |

(Harvey Young)

| | | |
|---------------------------|---|-------------------|
| Deutschlandfunk (Germany) | Erhardt Imelmann | |
| Radio Norway | A. Nygard | |
| Radio Prague | Martha Trojanova | |
| SBC French Network | Christiane Dartellay | |
| BBC | D. Seigall | |
| Radio Sweden | Lars Ryden, Arne Skoog, Elsie Segerstrake | |
| VOA | W. E. Dulin | |
| R. Eireann (Ireland) | Rosemarie Fenlon | |
| R. Veronica | Fred van Amstel | |
| Radio Americas | Azar Shirley | |
| WPTR Albany, N. Y. | by card | W. R. David |
| ZNS Nassau | Kim Jackson | |
| WQXR New York | by letter | Louis Klein Klaus |
| WTOP Washington | by card | Granville Klink |
| WCSC Charleston, S. C. | by card | A. R. Hughes |
| CKBC | by card | Phil Paquet |

(Bob Mewhart)

CURRENT STATION REPORTS

ARKANSAS-KAAY-1090, 50000 watts in Little Rock, heard regularly at night in Florida (Galler).

ARIZONA-KTKT-990, 1000 watts in Tuscon, heard 1200-1310, ID on half-hour (Payne).

CALIFORNIA-KEZY-1190, 1000 watts in Anaheim, heard 0920-1040, ID on half-hour, little QRM. KCAL-1410, 1000 watts in Redlands, heard with s/on 0900, heavy QRM. KSTN-1420, 5000 watts in Stockton, heard 0930-1050, weak sigs. KAGR-1540, 100 watts in Yuba City, heard 0800-0835, weak sigs (Payne). KNBC-680, 50000 watts in San Francisco, heard 0302 with fair sigs. Semi-pop mx and nx on hour. KFAX-1100, 50000 watts in San Francisco, heard 0150 with classical mx, fair sigs (Raiche).

COLORADO-KOSI-1430, 5000 watts in Aurora, heard 1020-1050, heavy QRM, ID at 1030. KRAI-550, 1000 watts in Craig, heard 1200-1250, heavy QRM (Payne). KSTR-620, 5000 watts in Junction City, heard 4/29 at 0300-0315 with tone test. ID every minute. Some Canadian QRM (Raiche). KIMN-950, 5000 watts in Denver, heard 0005 with church service. KLTN-1280, 5000 watts in Denver, heard with pop mx at 0315. KOA-850, 50000 watts in Denver, heard 0000 with ID and nx and vx (Marshall).

CONNECTICUT-WOWW-860, 250 watts in Naugatuck, heard 1243 with local nx (Cardullo). WLAD-800, 250 watts in Danbury, heard in Florida with good sigs, nx at 2000 (Galler).

D.C.-WOL-1450, 250 watts in Washington, heard 1824 with ID (Cardullo).

FLORIDA-WFLA-970, 5000 watts in Tampa, heard 0405 with s/on. WFUN-790, 5000 watts in Miami Beach, heard with r'n'r mx at 0350 with poor sigs (Raiche). WMFJ-1450, 250 watts in Daytona Beach, heard 0200 with ID. WIOD-610, 5000 watts in Miami, heard 0233 with ID (ed-WCKR). WFLA, heard 0232 (Fela).

GEORGIA-WDUN-1240, 1000 watts in Gainesville, heard 1030-1052, ID 1030 (Payne). WDAK-540, 50000 watts in Columbus, heard 0016 with r'n'r mx (Cardullo).

IDAHO-KBOI-950, 5000 watts in Boise, heard 0000 with nx, followed by classical mx (Marshall).

ILLINOIS-WMAQ-670, 50000 watts in Chicago, heard 0700 with pop mx (Galler). WLS-890, 50000 watts in Chicago, heard 0155 with ID, nx, wx followed by r'n'r mx at 0200. WAAP-1350, 1000 watts in Peoria, heard 2105 with ID (Marshall). WVON-1450, 250 watts in Cicero, heard 0230 with ID (ex-WHFC). WKID-1580, 250 watts in Urbana, noted 4/29 with 1929 s/off (Fela).

INDIANA-WASK-1450, 250 watts in Lafayette, heard 0430 with ID and nx. Typical graveyard channel QRM (Raiche).

IOWA-KCIM-1330, 1000X watts in Carroll, heard 0700 with s/on and nx 0704
 -VAEW-KRNT-1350, 5000 watts in Des Moines, heard with nx conference 2250
 .KMA-960, 5000 watts in Shenandoah, heard 0000 with ID and nx, mx 0008
 ,0001-KSCJ-1360, 5000 watts in Sioux City, heard with pop mx 2234, ID 2259
 ,0000-KGLO-1300, 5000 watts in Mason City, heard ID 2020 (Marshall). KDTH-
 0000-1370, 5000 watts in Dubuque, heard with test (Fela).

KANSAS-KEED-1550, 1000 watts in Dodge City, heard 1820 with ID (Cardullo)
 ((call)) KEWE-1440, 5000 watts in Topeka, heard 0357-0400, 4/1 with test,
 good sigs (Raiche). WREN-1250, 5000 watts in Topeka, heard with nx
 (call) and ID at 0655 (Marshall).

KENTUCKY-WHAS-840, 50000 watts in Louisville, heard 1900 with ID, nx, sports
 (Caller). WHAS, heard 2130 with ID and public opinion (opinion)
 program (Marshall). WYGO-1330, 5000 watts in Corbin, heard with
 ID at 1907 (Fela).

LOUISIANA-WTIX-690, 5000 watts in New Orleans, heard 0330 with r'n'r mx
 poor sigs, no QRM (Raiche). WWL-870, 50000 watts in New Orleans,
 heard 2300-2330 with baseball (Marshall).

MAINE-WGAN-560, 5000 watts in Portland, heard 0315 with r'n'r mx, freq. ID,
 good sigs (Raiche).

MASSACHUSETTS-WBOS-1600, 5000 watts in Brookline, heard 1325-1350, weak
 sigs, heavy QRM (Payne).

MICHIGAN-WXYZ-1270, 5000 watts in Detroit, heard 0255 with nx, sports, wx,
 WTHH-1380, 1000 watts in Port Huron, heard 2315 with s/off
 (Marshall). WJCO-1510, 5000 watts in Jackson, heard 0122, 5/6, with
 test (ex-WAST) (Raiche). WTHM-1530, 5000 watts in Lapeer, heard
 1810 with pop mx. WWJ-950, 5000 watts in Detroit, heard 0135 with
 mx (Cardullo).

MINNESOTA-KSUM-1370, 1000 watts in Fairmont, heard 0155 on Monday morning
 with pop mx, nx, and freq. ID. Good sigs (Raiche). KSUM, heard
 2315 with ID (Marshall).

MISSISSIPPI-WRBC-1300, 1000 watts in Jackson, heard under WERE at 0050
 with r'n'r (Fela).

MISSOURI-KWK-1380, 5000 watts in St. Louis, heard 0333 with ID. KKJO-1550,
 5000 watts in St. Joseph, heard 2143 with nx and pop mx. KMBC-
 1020, 5000 watts in Kansas City, heard 0200 with nx, followed by
 pop mx. KCMO-810, 50000 watts in Kansas City, heard 0303 with
 ID and semi-pop mx (Marshall).

NEBRASKA-KOIL-1290, 5000 watts in Omaha, heard 2347 with pop mx, ID at
 2355. KLMS-1480, 1000 watts in Lincoln, heard 2105 with pop mx
 (Marshall).

NEW JERSEY-WFPG-1450, 1000 watts in Atlantic City, heard 1825 with nx
 (Cardullo)

(Fela) 0010

NEW YORK-WCGR-1550, 250 watts in Canadaigua, heard 1700 with nx.WEAV-960, 5000 watts in Plattsburgh, heard 1755 with pop mx.
WBRF-950, 1000 watts in Rochester, heard with wx.WKIP-1450, 250 watts in Poughkeepsie, heard 1630 with nx.WBVM-1550, 1000 in Utica, heard 1800 s/off(Cardullo).WCBS-880, 50000 watts in New York, heard 2030 with nx(Marshall).

NEW MEXICO-KRZY-1580, 1000 watts in Albuquerque, heard 0238 test(Fela)

NORTH CAROLINA-WBT-1110, 50000 watts in Charlotte, heard 1900 ID(Galler)
WFNC-940, 10000 watts in Fayetteville, heard 1836 with mx(Cardullo).WOOW-1340, 1000 watts in Greenville, test at 0118(Fela).

OHIO-WONE-980, 5000 watts in Dayton, heard 0900 with nx(Payne).WJMO-1490, 250 watts in Cleveland Hts, heard 1824 ID.WOHO-1470, 1000 watts in Toledo, heard ID at 1815.WABQ-1540, 1000 watts in Cleveland, heard nx 1818(Cardullo).WHOT-1330, 500 watts in Campbell, heard all night. Formerly on 1570(Fela).WADC-1350, 5000 watts in Akron, heard 0325 with ID(Marshall).

OKLAHOMA-WKY-930, 1000 watts in Oklahoma City, heard 2123 ID.KTOK-1000, 5000 watts in Oklahoma City, heard 2340 with baseball (Marshall)

PENNSYLVANIA-WCDL-1440, 5000 watts in Carbondale, heard 1811 with ID.
WATS-960, 1000 watts in Sayre, heard 1815 ID.WNCC-950, 500 watts in Barnesboro, heard 1820 ID.WGRP-940, 1000 watts in Greenville, heard 1830 s/off.WTEL-860, 250 watts in Philadelphia, heard 1235 ID.WCOY-1580, 500 watts in Columbia heard 1731 sports.WTTC-1550, 500 watts in Towanda, heard 1815 s/off.WWSW-970, 5000 watts in Pittsburgh, heard 0130 sports.WHUN-1150, 5000 watts in Huntingdon, heard 0150 with nx(Cardullo).WMBT-1530, 250 watts in Shenandoah, heard test 4/28 at 0343(Raiche).
WMBT, heard 1814(Fela).WCAU-1210, 50000 watts in Philadelphia, heard 0008 with mx(Marshall).WVYN-1260, 5000 watts in Erie, heard 2231.WQTQ-1570, 1000 watts in Latrobe, heard 1859 s/off.WUNS-1010, 250 watts in Lewisburg, heard with NRC test 0409(Fela).(whew!)

SOUTH DAKOTA-KELO-1320, 5000 watts in Sioux Falls, heard ID 2215.KOTA-1380, 5000 watts in Rapid City, heard ID 2314.KSCP-1380, 500 watts in Redfield, heard with church prog, 1002 (Marshall).

TEXAS-WBAP-820, 50000 watts in Fort Worth, heard 0010, with nx, wx (Cardullo).WBAP, heard 0020 with ID.WOAI-1200, 50000 watts in San Antonio, heard 0012 with ID.WFAA-1820, 50000 in Dallas, heard ID 2359.KROD-600, 5000 watts in El Paso, heard 0323-0330 (Marshall).KEYS-1440, 500 watts in Corpus Christi, heard 0158 s/off KFJZ-1270, 5000 watts in Fort Worth, heard 0101 s/off.KPRC-950, 5000 watts in Houston, heard 0203 s/off(Fela).

UTAH-KALL-910, 5000 watts in Salt Lake City, heard pop mx 0105(Marshall)

VIRGINIA-WRAP-850, 5000 watts in Norfolk, heard 0950 ID, heavy QRM
(Payne). WRVA-1140, 50000 watts in Richmond, heard 2045
with basketball (Cardullo)

WASHINGTON-KXLY-920, 5000 watts in Spokane, heard 0238 with ID and mx
(Marshall). KWSC-1250, 5000 watts in Pullman, heard 1100-
1150. KUDY-910, 1000 watts in Renton, heard 1200 ID, heavy
QRM (Payne).

WEST VIRGINIA-WCHS-580, 5000 watts in Charleston, heard 0416 nx, s/on
0400 (Raiche).

CANADA-

Alberta-CPAT-1270, 10000 watts in Medicine Hat, heard 0039 with pop mx,
ID. CKRD-850, 10000 watts in Red Deer, heard 0228 with pop mx
(Marshall).

British Columbia-CJOR-600, 5000 watts in Vancouver, heard 1258 ID
(Payne).

Manitoba-CFRY-920, 10000 watts in Portage La Prairie, heard 1900 ID.
CBW-990, 50000 watts in Winnipeg, heard 0159 with ID. CFAM-
1290, 10000 watts in Altona, heard 1130 with ID (Marshall).

New Brunswick-CKCW-1220, 10000 watts in Moncton, heard 0405 s/on (Raiche)

Nova Scotia-CKBW-1000, 10000 watts in Bridgewater, heard 0407 with nx
(Raiche).

Ontario-CJEL-1220, 1000 watts in Kenora, heard 0028 with ID. CJBC-860,
50000 watts in Toronto, heard 2355 with ID and nx. CHML-900,
5000 watts in Hamilton, heard 0230 nx and sports (Marshall).

Saskatchewan-CJCX-940, 10000 watts in Yorkton, heard 1500 with ID. CHAB-
800, 10000 watts in Moosejaw, heard 1400 with ID (Marshall).

ARGENTINA-LR3-950, 50000 watts in Buenos Aires, noted 0402. Possible s/on
0400 (Fela).

CUBA-CIBC-690, 50000 watts in Havana, heard 0022 with "Radio Free Dixie"
program in English. This is a propeganda program for Negroes in
the South, attacking racial segregation and "racial reactionaries"
(Fela). CMQ-630, 50000 watts in Havana, heard regularly in Spanish
(Galler).

BAHAMAS-ZNS-1540, 10000 watts in Nassau, heard 1600 with ID, nx (Galler)

HAITI-4VV-1325, 1500 watts in Port-au-Prince, heard 2100 with "Radio
Haiti" ID. 4VE-1035, Port Haiten, noted last month but not now.
Has it been shut down? (Fela).

MEXICO-XERH-1500, Mexico City, heard 2145 with Spanish mx. XELQ-800,
Ciudad Juarez, heard 0015-0040 with Spanish mx, sudden fade
put (Marshall).

Contributors this month:

Larry Marshall-N.Dak. Joe Fela-N.J. Steve Raiche (ed.)-Mass.
 Pete Galler-Florida Gary Payne-Calif. Tom Cardullo-N.J.

Many reports have been received from a great number of listeners. This is a good sign, and all reports are appreciated. However, only a few reporters have been sending in the desired information. The facts we list in this section are the bare essentials, and we must not boil reports down any further. Therefore, it must be insisted that any report sent contains the correct frequency, location, power (if known), times heard, and a few basic program details. Without them, the report is practically useless to any other DXer.

A point to ponder:

"When I first joined the NASA, I was so completely bowled over with the spectacular DX some of these guys were reporting, I was quite afraid to attempt one. But I soon found that a contributor is welcome, even if his progress is still novice. I think this is what is wrong with many members, they are more afraid than lazy." (from an NASA member).

Most DXers will surely agree that the 1962-1963 BCB DX season has drawn to a close. This is true, but just because the season has closed doesn't mean that there is no more DX to be found. Many will not believe this, but we are going to show you that you are dead wrong. In among that summer static there is still a lot of good DX to be found. If for no other reason then, we are going to have a contest. Three members have suggested 900-999 kc as a good range, so that is the one which we will use. The contest will run from 0000 EST on June 22 to 0000 EST on June 30. Logs will be set up exactly the same as the last contest (power x distance). To compute logs - divide the airline distance between your QTH and the station by 100, and multiply this by the power multiplier. Powers are as follows: 50kw or over - 1/10kw - 2/5kw - 3/1kw - 5/500w - 8/250w - 10. Add the totals for all stations together, and figure in the following receiver handicap: 5 or less tubes - 2/6-10 tubes - multiply by 1 1/2 / over 10 tubes - multiply by 1. Send all logs to Ramon Rosati, 63 Gates Ave., East Longmeadow, Massachusetts. Good luck!

That's it for June, bigger and better things up and coming in July, so keep the reports coming in. Until then, fondest of 73 to each of you, and may God bless you all richly.

73,

Steve Raiche

Steve Raiche WPELAHE