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NORTH AMERICAN SHORTWAVE ASSOCIATION "FRENDX"



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OFFICIAL BULLETIN

MAY 1964 EDITION

Headquarters-NASA

1503 Fifth Avenue - A2

Altoona, Penna. 16602.

TIS THE SEASON!

Year after year we have seen it happen! Along comes spring and summer; Time when a number of DXers don Bermuda shorts and take to the hills, or step into waist-high fishing boots and head for some well stocked stream, or jump into the family jalop to wheel away a few miles. Yep, tis the season when nature beckons, the outdoors call! Tis the time when many in our hobby lay aside their earphones or unplug their receivers, giving way to other interests, other past-time pleasures.

Now there aint one single thing wrong with any of such...not at all there aint! But keep amind gents, the staff of this lil' ole bullyten hear the call of the outdoors, the beckoning of nature too....thus if reports are few, if less are sent to them to be included in their monthly sections...well ya jus caint 'spect these OM to keep QRXing or keep cooped up in their shacks pounding on their mills in vain, and for naught. No sireee!!! You can betcher last milihenry er sumthin on that!

So what am I driving at? Well just this....During the next few months, if reports are few and far between, the result will be shown in these pages. That is to say there will be fewer pages; Might even be times when mailing will be late because of one of the editors going/being on vacation. Or mebbe one of them will git a severe dose of sunboin (like I did a year or so ago) or some such type of QRM.

Anyhow, be assured your editorial staff is ever ready, always willing to work for you, no matter the season, but that it can/will do so only with your cooperation and interest. Keep this in mind during the vacation/summer season particularly! B.E.

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FM - TV

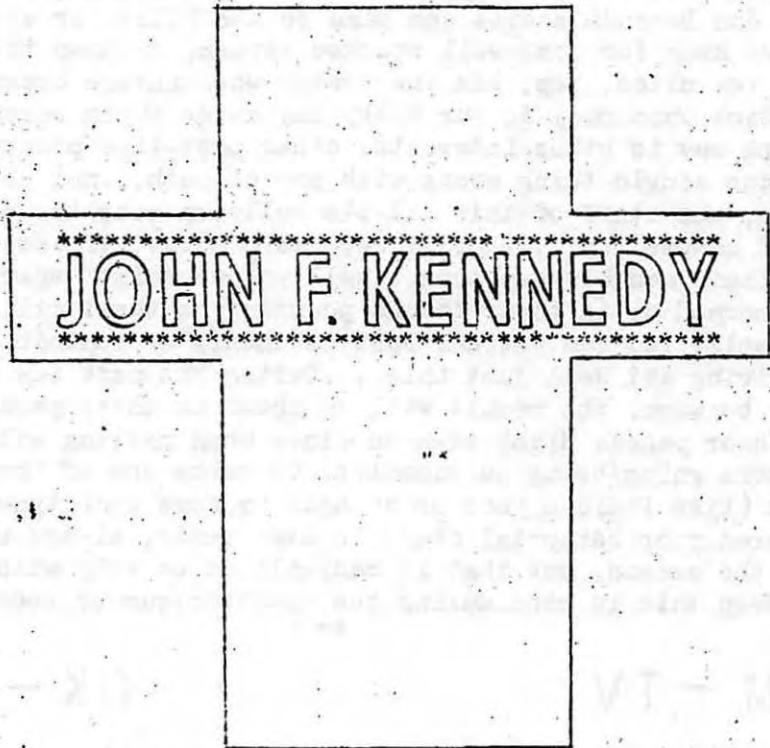
OK - FB

Those of you which are interested in the FM and/or TV phases of DXing will be hep to know that such a section will be in upcoming editions if enough support can be gotten to warrant it. The editor for the section will be Paul Gough and all pretaining reports, facts, data should be sent to him at the following address: .. 18 Eliot Avenue, West Newton, Mass. (Be reminded that this section will only be included if support is sufficient and it will only be for the summer season or the months of June, July, August, September.)

Reactions to the editorial which appeared on this page in last months bulletin was really something. Letters and cards were recieved, some favorable, others not in accordance. In all cases however I wish to extend thanks. One thing, if nothing else was proved...that is that quite a few members read the front page (or did last month!) Special thanks for comments rcvd go to Fred Woodley-CDXC and to NASA member Clarence Green. It is always very gratifying to know there are those who appreciate and understand!

The North American Shortwave Association is in affiliation with the Association ofNorth American Radio Clubs.....

LEST WE FORGET !!!



MAY 1917 - NOV 1963

OFFICIAL NOTICE

Due the fact only three members nominated for Board Of Director office adhered to the stipulated and requested procedures over the past months, it will not be necessary for any elections to take place. Since only three showed sincere interest, therefore worthiness, they are hereby officially and formally installed and shall henceforth be known as the Board of Directors - North American SW Assn. They are:

MR. DONALD JENSEN
1832 Ridge Drive
Racine, Wisconsin

MR. LAVOYD KUNEY
7618 Beaverland
Detroit, Michigan

MR. JOHN ARTHUR
1758 Branham Lane
San Jose, California

It should be pointed out that the above three OM represent the three most favored of DKing fields; Don likes SWBC, Lavoyd a HamBander and John a BCBer. Another thing is they each represent different age groups...Don being in his late twenties, Lavoyd in early forties and John pushing twenty, yet nineteen. Most important however is the fact they all believe in the NASA motto and each of them are in favor of the proposed Association of North American Radio Clubs (ANARC). All have had editorial experience, each are well known. These then are the men who will in many ways, lead and help to guide NASA to a more sound future. Their work will be steady, thanks trite in most ways, yet they have given to agreement to effort their best. As Executive Editor of Frendx, speaking in behalf of my Associate Editors (Section Editors), I say welcome to the "den" and I hope your temures of duty will be rewarding to each of you as well as to our organization and the all of the hobby. We look ahead with you!

FURTHER (NEW) APPOINTMENTS

Word has been recieved from MW Editor-Steve Raiche, that he will be leaving his home QTH this summer and will be pursuing a new vocation in New Mexico. Hdq has therefore assigned his section a new editor in the personage of -

JOE FELA, JR.
167 Goodwin Avenue
Newark, New Jersey

Joe has long been an avid and most worthy BCB DXer, his totals will attest to this. Too, he has had editorial experience (this be a qualification vitally important) and he understands the meaning behind our motto. He is in his early twenties, is well versed in MW/BCB and can be relied on for a job well done. Mighty pleased we should be, we are, to have Joe as one of our staff members. With your support he will do a very FB section each month. With your support his section will grow, the club will prosper and Frendx become all the more reknown. Send reports to Joe for June Frendx!

Two other appointments are in the making at present. They are new positions and ones most all club will be acting on immediately or in very near future. These are the important positions of Representatives to the Association of North American Radio Clubs (ANARC). NASA is entitled to name/appoint two such representatives. We will do so carefully because not only will these OM be working for the benefit of our own club, but for the good of all clubs in NA collectively. Here again, belief in the NASA motto will be an all impornat factor. The two names will appear in next Frendx. Watch for them and be sure hdq will try to choose wisely, ever sincerely.

"It is not the greatness of a man's means that makes him independent so much as the smallness of his wants."
...William Corbett...

"Great Spirit, help me to never judge a man until I have walked a day in his moccasins!"
...Sioux Indian Prayer...

NEW MEMBERS

!HELLO/WELCOME!

NEW MEMBERS

Bill Colyn-WPE7BHC, 1822 McDougal, Everett, Washington 98201...Joining via Mr. Larry Marshall, Bill is a twenty-one year old sophomore at Everett Jr. College. He likes to experiment in electronics in addition to his SWling and cardswapping. His preference in monitoring is the SWBC bands. Gear used in his shack is a Hallicrafetrs S-120 with a Heath Q-multiplier and antenna is a 100' longwire.

Ambrose Maxin-WPELESB, 23 Lambert Street, Winthrop, Maine 04364...Interested in DXing MW/BCB, this young man of fifty-one comes to us via John Arthur. He is a cardswapper, dabbles in electronics. Equipment is listed as: Knight Ranger III, a homebrew SW rx and a VTM signal generator.

John Feltrate, 35 Hawkedon Cres., Rexdale, Ontario, Canada...Using an RCA-A25, Admiral 20Z1 and HeathKit AJ-31, this OM DXes both BCB and SWBC. His antenna consists of a 60' longwire and a 7 element FM. Other interests include TV repairing and Ham radio. He is eighteen and in highschool. Member Rene Bilodeau recommended NASA to him.

Walter Woodside Jr., 933 North Livingston Street, Arlington, Virginia 22205...Walt is rather a newcomer to the hobby and he joined via EI. Being an OM of 14, he is still in highschool. Other interests are chemistry and model airplanes. His DX digging (SWBC and BCB) are done on a Knight R-100A employing a 50' longwire running east/west.

Paul Moyer, 28 Lydia Street, Kitchener, Ontario, Canada. Here is a DXer extraordinaire who comes to our ranks via SWBC Editor-Doug Benson. He has an XYL and Jr ops (proves he dont spend all his leisure spinning dials!) likes to tapespond and prefers SWBC as his choice for DXing. Even before coming to NASA, Paul sincerely upheld our motto.

RENEWING are: Joe Fela Jr. (one year) and John T. Arthur (two years). Both these OM have been in the hobby for long period and are truly "oldtimers". Good to have em back!

NEW/CHANGED QTH'S: Bill Crook, Mgr., Casa-Lu Al Motel, 200 South Coombs Street, Napa, California. Earle J. Fisher, c/o 7-11 Market, 2828 Evans Avenue, No. Las Vegas, Nev. Tom Miller, 1030 5th Avenue, S.E., Cedar Rapids, Iowa.

"NASAers' MIND"

"WRECKLESS ROBBERS"

The mind is a garden
 Where thought flowers grow;
 The thoughts that we think
 Are seeds that we sow.
 Every kind-loving thought
 Bears a kind-loving deed;
 While a thought that is selfish
 Is just like a weed.
 Let us watch what we think,
 Each minute, all day;
 And pull out the weed thoughts
 And throw them away;
 And plant loving seed thoughts
 So thick in a row
 That there will be no room
 For weed thoughts to grow.

(de Richard Jenneman)

Two bank robbers tried to escape via bus last fall in New York City, only to find that they didnt know how to drive it. They were apprehended while trying to start the motor, shift into gear. (This prompted us to compose the following.....)

Two felons last fall made a fuss, Robbed a bank, then jumped in a bus. They weren't driving gifted, Found it couldnt be shifted, "Next time leave the driving to us".

(de Douglas Benson)

ANARC, the SWL's equal to ARO's ARRL!

Membership fee for NASA is \$3.00 per year to all residents of North America; \$4.50 per year to those in all aother parts of the world. Fee should be made via check or postal money-order only. DO NOT remit by cash/currency! Membership entitles member to twelve editions of monthly club publication, a membership card/certificate and all voting rights, all services offered/held by club. All publications are sent via third-class mail unless otherwise arranged with headquarters and additional fee is paid. 5/64

FRENEX

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MAY '64

GENEVA.....Britain asked the International Telecommunications Union in Geneva to help stop commercial broadcasts from Radio Caroline anchored outside the three-mile limit territorial off Felixstowe, Suffolk. The Caroline is reported to be flying the Panamanian flag. The Union said it would remind Panama of an international radio regulation prohibiting broadcasts from ships outside territorial waters. Panama would be asked to examine the license granted to the Caroline. (de The Express-Star via Jon Gentry, Stafford, England)

NASA HDQ....Some months ago the SWL Records Company, Culver City, California mailed out questionnaires regarding whether or not DXers would be interested in purchasing a recording (disc) containing ID's of many/various SWBC stations. Your Hdq recently wrote inquiring of latest developments and recieved the following reply... "The best that can be said at the moment is that it is being worked on. Obtaining the clearance and permission of the broadcasters is quite another matter. Efforts are now being made through the Consular Representatives of certain countries. The FCC has given us assistance and guidance, but it does not have any jurisdiction. September of 1964 will be the earliest possible date for release of the record. Enough time and money have been put into the project to discourage abandonment, so it will be completed in at all possible." (de W.C.Klontz-SWL Records via WPE3BWL)

DENMARK....As of the beginning 1964, Radio Denmark inaugurated an early morning broadcast to the US and Canada, daily on 15165 at 1200-1300 GMT. Latest reports, not of deluge proportions, have been highly encouraging and reception has been rated as fair to good by monitors. Such reports indicate the time and frequency represent the optimal best at present. (de Voice of Denmark via Eric Koie)

DENMARK....de O. Lund Johansen - World Publications: "We have the pleasure to send you word about three new publications. "How to Improve Your TV Reception" (\$2.00) "News From Around the World" (\$1.50) "World MediumWave Guide" (\$1.85) add \$.25 to prices for postage; Order direct from World Publications, 1 Lindorffsalle, Hellerup, Denmark."

WISCONSIN....Congratulations to SWL Joe Detrick/WPE9GAP for winning second prize in Science Fair with his ham xmtr. Congrats too to our own Dick Jenneman/WPE9GCZ for winning honorable mention at same exhibition for his BCB xmtr!!!???

NEW YORK....Hammarlund is cooking up big plans for a "Ex-pedition of the Month All Continent Award". A beautifully scrolled certificate confirming contacting/hearing of the Hammarlund DX-peditions on all continents will be awarded to every ham and SWL who qualifies. For more details write: P.O.Box 7388, GPO, New York, N.Y. (de PE)

MICHIGAN....NASA member Lavoyd Kuney is voicing ideas and initiating actions as to a Hall Of Fame for worthy OM in our hobby. (No time like the present to get yourself started on the road, make a name for yourself. Who knows, someday you may be one of those in the Hall of Fame...SWL-type.) (via WPE3BWL)

(This section was done at hdq this month due the fact no word has been recvd from Ron Lusyetr. We understand however that he has not been in the best of health of late and has also been called away from his home OTH because of illness to another in his family. I apologize for the un-newsy clambake here, but mention it was done in haste at the last moment. Hope Ron is back next month! Till then, good news! B.E.)

RACINE, WISCONSIN...The long discussed Association of North American Radio Clubs is finally a reality. The final approval of the organizations constitution was annncd today by the acting secretary, Don Jensen, following a tabulation of ballots from representatives of eleven clubs in the United States and Canada.

The ANARC constitution lists the groups objectives as: Promoting closer ties between radio clubs, working for the common good of the DXing hobby, providing a forum to work out differences and problems involving radio clubs, and providing a medium to speak for radio clubs and listeners in North America.

Not a "Super-Club", but rather a federation of independent radio organizations, the ANARC hopes to work toward strengthening individual clubs, large or small, through mutual cooperation.

The following U.S. and Canadian clubs are affiliated with the ANARC: Newark News Radio Club, Canadian DX Club, North American SW Assn., American SWL Club, WorldWide Monitors Radio Club, National Radio Club Inc., Canadian International DX Club, SWL-Certificate Hunters Club, Kentucky DXers Association, Folcroft Radio Club, and the Great Lakes Shortwave DX Club.

The present acting secretary will hold office for six months at which time election of an officer to a two year term will be held.

All other interested North American radio clubs wanting to become affiliated with ANARC are urged to contact the executive secretary for further information; Write: Don Jensen, 1832 Ridge Drive, Racine, Wisconsin, 53406.

ALTOONA, PENNA....Several sections of this edition of Frendx were tardy in arriving at Hdq; Two sections have not been recieved at all. We have delayed mailing in hope these sections would arrive and be included in this edition, but to date they have not. The "Outer Space" section edited by Nick Vrettos will not appear this month therefore; The NASA NewsRoom will be included however, though done hastily by Hdq and not by regular editor Ron Luyster. (We understand that Nick, being a Sgt. in the U.S.Army, sometimes finds his hobby activities QRM'd. We assume this the reason for his not submitting a section this month and hope he returns next time. We also know that Ron has been QRM'd with bad health of late and in addition has been called away from home due to other illness in the family.)

HERE AND THERE....Member Peter Drew, West Australia has been awarded the PopTronics One Hundred Country DX certificate.....Member Robert Reinhard, also a member of the Benelux DX Club, appeared pix-wise, in latest edition of PE.....Latest edition of Communications Handbook excludes listing of NASA in its SWL club column. WHY???????? (Should be pointed out that the list that did appear is quite outdated in part!).... Well-known HamBand DXer, Steve Terry, has been named to assist Don Jensen with work in new ANRAC.....Official results of recent CDXC/NASA annual DX competition will be announced in next edition of Frendx. Some logs are yet to be rcvd for tabulation.Ted Templeton sez special program via KFFT went off on sked. Altho too early to tell, seems it was heard by several members and possibly by many others. Those who sent/send reports for this program will be rewarded with a really FB QSL in certificate form. Tnx again to Ted and the KFFT boys!.....Cardswap Editor, Larry Marshall is off on an early vacation solourn (That's SOJOURN!)..to Chicago. He will be back home in times for next months bulletin work however. He dint say, and I am wunderin if'n lil ole Larry made the trek on his two-wheeler.....Canadian DX Club convention is sked for July 25-26 in Montreal.....Pacific Northwest DX Club has convention sked for July 31-Aug.2.....Canadian International DX Club convention is sked for May 9-10 at Winnipeg. (PNDXC's to be held in Vancouver, B.C.).....Within the next few months there are quite a number of NASA members that will be due for renewal....."Open Road" season fast approaching; Be sure to take your radio along and remember to report to sections!.....Trout season opened here recently and yours truly has drowned quiate a few worms. Catches however are as few as rare DX..... Till next month, may all news be good news!

"Unity and Friendship"

All times GMT

All times GMT

Douglas Benson. Ed. 2709 Balltown Road Schenectady, N.Y. USA 12309

We won't dwell on how poor the Spring weather has been here in York state this year, but suffice to say that, for a motorcycle enthusiast like me, it's purty disappointing. Okay, let's get into our monthly feature of Technical Information from Radio Voice of the Gospel in Ethiopia:

ETLF at Addis Ababa uses a different method of preparing their programs for their coverage areas. Some 15 studios produce programs for their own specific areas, then send these tapes to the main studio, where they are checked and re-broadcast back via two 100-kw transmitters. ETLF notes that its programs are 70% educational and 30% evangelical, the object being to relate the Gospel to all phases of life. RVOG reaches an area in Africa and Asia populated by an estimated one thousand million people. It broadcasts to 30 nations in 16 languages. RVOG programs are intended to strengthen local minority church activities in the Missionary regions. RVOG is owned and operated by the Lutheran World Federation Broadcasting Service. Their QTH is Box 654, Addis Ababa. (courtesy ETLF)

Their latest sked is long and detailed, but we include it for your complete information: 1400-1455 GMT to India on 15410; 1500-1545 to Madagascar on 9755 (with 9730 alternate); 1500-1655 to Ethiopia on 4905 kcs; 1700-1825 to Near East on 7120 (7145 alternate); 1830-1925 to W. Africa on 15265 (15270 alt.); 1930-2000 to nearby areas on 7200; 1330-1355 to Ethiopia on 4905; 1400-1425 to India on 9765 (9625 alt); 1430-1558 to Middle East on 9705 (alt 9555); 1600-1728 to E. Africa on 9685 (9765); 1730-1758 to Nyasaland on 9685 (9765); 1800-1900 to S Africa on 7200, 1900-1925 to S Africa also on 7200; and on 11825 kcs to West Africa from 1930-2000 hours GMT.

Radio Nederlands is making history from Hilversum. They are now using a special carrier wave which they call "Compatible Single Sideband". It is only 3 kcs wide in bandwidth, as compared to the usual width of 5-10 kcs. A truly revolutionary step forward in overcoming the problem of crowding on the hf shortwave bands, and ye ed requests all members to report to the station on reception of this new wave. You can hear it, as follows: 1200-1300 GMT and 1530-1620 GMT on 15425 kcs, and Sundays only (Happy Station Program) from 2000-2130 on 9590 kcs. No special equipment is needed for reception.

Ever-alert Louie Stober notes that the correct call for La Voz de la Capital, Ecuador is HCQRX on 4923 kcs, and NOT HCQRI as listed WRH64.

BITS AND PIECES North American Svce of Thailand is back on 11910... Suva, Fiji Islands is back on 3346, and tests have been heard on 90m, at 0830 GMT on 3275 kcs. Cambodia reported on a new frequency of 5940 kcs., having MOVED from 6090 kcs. Anyone confirm this?... (all items credit our anonymous friend in the Pacific)... Louie Stober, Friendx' ace swl in Oregon, seems to be running a direct pipeline between Portland and Ecuador... Bob Binau and Ted Templeton back in the fold this month... Bill Eddings gets our vote for hardest worker in the club... mimeor, chief editor, and reports too! Sked change for SWEDEN's Eng xmsn to NA as follows: at 1400 GMT to East Coast on NEW 15240 kcs, dropping 17840. Also to same area 0145 GMT on 5990 kcs or 9660 kcs, depending on conditions. To West Coast NA 0315 GMT on 9660 kcs. This sked holds true through May..... (via Swedish Radio)

More bits and pieces....

Japan has changed the ECNA sked again..now on 0000-0100 on the same frequencies. To WCNA 0315-0400 on 15135, 15235, 11780, 9505

HCJB's DX Party Line now on to Pacific areas 0900-0930-first and third Wednesday of the month(Balbi)

Radio Malaysia to begin long and mediumwave operations....

Radio Japan has new programs in Swahili by the time you read this..

South Korea says their transmissions at 0530 GMT and 0730 GMT are now on 11950 kcs, replacing 11925... (Stober)

Radio Liberation now using these freqs for transmissions; 3990, 6055, 7180, 9565, 11765, 11960, 15370, 15430, 17885 kcs...

Moscow's programs for Russians overseas (ID as Govereit Radiostantsiya Rodina) are carried on many frequencies, the strongest of which is 15430 kcs. Programs in Russian often stronger than Radio Moscow in Canada (Moyer)....

US Naval Observatory Washington 25, D.C. transmits time and wz announcements in code on various frequencies. Info for a postcard to them (Jenneman)

Radio Belize says they have discontinued transmissions on 3300 kcs until at least June, and will attempt to begin after then (Peters)..

Radio Brazzaville has replaced 11710 kcs with 11725 at 1700 hours GMT (Balbi)

Morocco, Radio Tangier's latest English sked to Africa reads 2030-2130 GMT on 11735, 15395, 15345 kcs...

Southern Rhodesia is reported to be testing on 5010 from 0740 to after 0900 GMT...

Spanish National Radio, Madrid which has been using 11715 for Home Service broadcasts, now back on the old 9695 kcs..

Finland has changed its sked somewhat.. On Fridays in English 1600-1700 GMT on 9555/15185, repeated at 2100 on 6120, and on Sat, 1215-1315 GMT (same program) on 9555/11805/15185 kcs...

Israel, Kol Zion Radio programs for Asia, Africa and Europe are on from 1600-2030 on 9009 kcs. and using new frequency of 9615 kcs instead of 9625 kcs.

Portugal Lisbon has been hrd at 2015 GMT in lingo on 9645 kcs dual to 11935 kcs.. (Last four from J. Johnston via Swiss Radio)

Correction from Louie Stober for info in WRH 1964... page 203, under Bolivia. Left column, numbers 26, 27, 28 not in order. 28 should be 26, 26 and 27 should be 27 and 28, respectively.

Correction from ye ed: Correct frequency Radio Americas should be 6005 kcs, not as listed April section. My typo goof.

Argentina's latest sked, effective till the end of this month, is as follows: 1900-2000 hours in Spanish to Europe on 11710/11780/6090. In German 2000-2100, in Italian 2100-2200, in French 2200-2300, in English (on 11710 only) from 2300-0000. TO USA as follows: 0000-0100 GMT in Port. on 9690, 0100-0300 in Spanish on 9690, 0200-0300 in Spanish on 11780, and 0300-0400 in English on 6090/9690/11780. To Western USA as follows: 0400-0600 in Spanish and 0600-0700 in English on 11780/9690/6090 kcs.

The Members send in their Verification Information:

VOA is confirming with a new card (Gough)... VOA Tangier, BCC Taipeh, VOA Monrovia all in within one month. Radio Liberty Committee QSLed for their Radio Liberation outlet on 7170 kcs. They want reports on any jammers covering their signals, and especially what code IDs the jammers use... DZI7, Manila Broadcasting Corp., P.I. wants reports on their outlet on 6080 kcs with 1000 watts. Relay of DZRH. Fast verification, and seem anxious for US reports... Paris, Radio Free E.,

Verification info, continued....

Radio Popular at Maracaibo Venezuela all in after three weeks of waiting (Stober)..No luck in four years getting QSL from Conakry, Guinea, says ace DXer Frank Peters...Take heart, fellows. Even our top men have trouble....Card from the Malagasy Republic received for a report of 10 months ago featured a hand-drawn transmitter and Malagache and French writing. Signer is "Leruste" (Peters)...Radio Japan sending out 5 different kinds of QSL cards in honor of the upcoming Tokyo Olympic Games....Steve Dildine of Kansas lists these Utility veries in: CHU Canada, NSS via card, Dominican Telephone Company via letter, Radio Corp. of Puerto Rico by card, NPM via home-brew card, and Associated Press teletype station WMN35 by letter WRUL New York has a new card, says D. Jeanneman. And about time, says D. Benson...Rickey Cohen, Mass., lists these veries in: Radio Nac. at Bogota, Colombia and Beirut, Lebanon after a wait of nine months.

You Ask-We Answer with The Shortwave Roundtable

From Pennsylvania "Every time I go near my receiver, it seems to change frequency. Although the dial setting itself does not really change, the station on seems to drift away."

We say that you might do well to check the Ground system, and if necessary, replace or repair it. A well-grounded receiver will not exhibit this phenomenon.

From California Where can I get a list of all radio stations now on the air in all services?

Answer From the International Telecommunications Union at Geneva. Please don't just write on a "lark" though, as the lists cost my linero, and are not for those with feeble pocketbooks.

From New York "How many shortwave stations are there, and how long will it take me to hear them all?"

Answer There are hundreds and hundreds, and if you're lucky you may live long enough to verify half of them. In Europe, there are now more than 50 operating on shortwaves, while the small nation of Angola lists more than 45 in itself. Africa has 110-odd, and the number in South America are uncountable.

From Massachusetts "What does a jammer sound like?"

Answer The great majority of them resemble the sound of turbulent water rushing in a creek, or the so-called "white noise" the dentists are now using to alleviate pain. The "roaring" sound seems to have been decided on as the very best way to obliterate a signal. Jammers often can be recognized by their Identification, consisting of a letter-number combination like "S5", etc., given once or twice a minute. The "noisy" rule-of-thumb does not always hold true, however. Carriers devoid of modulation, rattling "hi-speed" pseudo-teletype noises, and just plain superimposed programming have all been used at one time or another. Many stations, conscious of the jammer underneath, will gradually move up or down in frequency to escape it, and a good stable receiver can detect the jammer as it follows the move.

From Pennsylvania "My shortwave antenna came down, and I wanted to use the gutters as an emergency antenna. My neighbor said I should not, but could not tell me why. Can you?"

Answer Gutterspouts and downspouts are worthless as antennas because
 1. There's no protection for the house in event of lightning
 2. Most are grounded through the cellar
 3. They pick up powerline QRN, both from within and outside the house
 4. The large metallic surfaces draw too much static electricity during periods of high humidity, and can burn out your receiver's antenna circuitry. Answer the question?

Now into this month's REPORTS. All times are GMT.

- 15345 Formosa BCC Taipeh hrd at 0300 with fair signals. Commentary by a woman in english.(Stober)
- 15315 Liberia VOA Monrovia hrd at signoff 1830(Stober)
Switzerland Berne SBC strong at 1530-1555 w/Tyrol music beamed to India and Pakistan.(Kuney)
- 15265 Ethiopia ETLF RVOG at 1900 with very good signals and relig. programming in English. (Stober)
- 15240 East Germany Deutschlandsender(RBI)Berlin logged in German at 1300 after IS, and disappears when Sweden signson here at 1400 GMT.(Moyer)
- 15225 India AIR Delhi logged in english 1330-1500 and dual to 11810 with a good signal in Canada(Moyer)
- 15215 Brazil Radio Timbira at Sao Luiz logged 2150 with good sigs and a report request.(Stober)
- 15170 Norway, Oslo Radio Norway at 1800 w/Eng news(Stober)
- 15105 India AIR Delhi with weak sigs at s/on to Africa 1545.(Peters)
- 15060 China Peking Radio in Spanish untill 0155. soff (Stober)
- 11965 Brazil Radio Record at 0000 w/news in Portugese. Announced as "Informacia Radio Record". (Peters)
- 11900 Nigeria Lagos in French 1900 with South Sea tunes, and ID as "Ici La Voix Nigeria". (Peters)
- 11885 Pakistan Karachi with English news 0215-0230. Fair to poor signals and it faded fast.(Stober)
France Paris RTF hrd with music and good sigs 2053(Cohen)
- 11880 Australia at 0700 hours with Ditch music and news.(Templeton)
- 11865 Cuba Havana Radio at 2045 in Eng w/some QRM. (Cohen)
- 11850 Phillipines FEBC's DZH8 at 0900 with fair signals
Norway; Oslo with english s/off at 1625(both Stober)
- 11835 Ceylon, VOA Colombo strong in English at 1700(Stober)
Algiers Radio Algerie in French with fair sigs 1900(Stober)
- 11825 Ethiopia RVOG ETLF with s/off 1955 in English..Announced for West Africa(Peters) USA WINB Red Lion Pennsylvania hrd in Eng at 2030(Stober) Tahiti, Papeete at 1700 with concert music and announcements in french. Good signals on WCNA(Stober)
Formosa BCC Taipeh with poor sigs in english at 0300(Stober)
- 11815 Brazil, Radio Brasil Central at Goiania good at 2300(Stober)
- 11810 Italy Radio Roma with Italian signoff at 1900(Stober)
- 11805 Italy Radio Rome with IS and signon at 1600(Stober)
- 11800 Ceylon, Colombo Commercial Service 0200 in lingo, ads preceded by a 3-note gong. Also hrd here at 1700.(Peters)
- 11795 USA WINB Red Lion Pennsylvania on this announced freq at 2100. (Stober) Germany VOG with talk at fair level at 1510 hours GMT(Kuney)
- 11780 Argentina RAE Buenos Aires hrd fair in Spanish 0500.(Stober)
- 11740 Chile Radio Nuevo Mundo, CELL74, hrd 0330 weak(Stober)
Vatican City Radio heard in Spanish with good sigs and close at 0017 GMT(Stober)
- 11725 Formosa BCC Taipeh with Eng. commentaries and music at 1530. (Stober) Brazzaville here 2045 in French.(Stober)
- 11715 Malaysia, Kuala Lumpur with english news 0900.(Balbi)
- 11705 Sweden Stockholm Radio with excellent signals at 1645 in lingo.(Stober)

Reminder here..the shortwave broadcasters change skeds in March, again at the beginning of May or June of each year. All sked changes will be published here. If you've received any, pass them on to us. Our goal is your complete information. More reports.....

- 9780 UAR Cairo Egypt hrd changing from spanish to arabic at 0130 GMT. Fair signals on the west coast.(Stober)
- 9775 UAR Cairo heard at 0000 w/Port. news(Stober)
- 9745 Malaysia, Kuala Lumpur with English news at 1100. This freq is strong in Calif., dual 4985 and 7120 only fair(Balbi)
- 9740 Argentina Radio Splendid with lingo at 2330(Peters)
- 9720 Senegal, Dakar at 2155 with music and French IDs(Binau)
- 9715 Holland, Radio Nederlands heard on a Sunday with the Happy Station Program at 2000 hrs(Gough)Hrd on a Saturday for Ann Arbor Michigan(??)at 1915 hrs(Peters)
- 9675 Poland, Warsaw at 1830 with French, 1900 into English.(Peters)
- 9670 Guatemala TGNB with Back to the Bible at 0300. Poor signals noted in Md.(Binau)
- 9630 Italy Radio Roma at 0050 with the "birdie" TS, then into spanish with announced beam Central America(Stober)
- 9610 Australia VIX9 hrd from 2355 to 0001 with news, then closedown. Good signals for only 10 kw.(Binau)
- 9580 Singapore BBC Far Eastern Svce at 1600 in English and good on West Coast(Stober)
- 9585 Indonesia hrd 0900-0930 in English beamed to the P.I.(Balbi)
- 9575 Italy Radio Roma with IS at 0328, VOA Greenville on and QRMing at 0330-0335 with "Spacewarn" satellite broadcast. (Stober) Greenville beamed to South America at this time, Ed.
- 9562 Peru, Lima Radio Nacional w/fair sigs 0145(Stober)
- 9555 El Salvador YSS at 2330 with music and frequent IDs(Binau)
- 9550 Peru Radio(Tumbres)Nacional loud at closedown at 0400(Stober)
- 9520 Peru Radio La Cronica at 0430 with plenty of QRM(Stober)
New Guinea, Port Moresby with popular songs, and closes at 0645, telling listeners to retune to 4890 or 3925 kcs(Peters)Also logged at 0630 with good West Coast signals(Stober)
- 9510 England, London BBC with world news at 2200 GMT(Kuney)
- 9505 Japan, Tokyo NHK in General Overseas Svce at 0700(Peters)
- 9497 Chile, Radio Corporacion Chilena at Santiago heard untill 0300(Moyer)Had reference to University of Chile at 0300 closedown(Stober)At 0030 with Americano anuncios comm'l(Peters)
- 9475 UAR Cairo Egypt at 2200 with requests and letters. Then discussion. Good level with some interference.(Kuney)(Stober)
- 9454 Peru Radio America at Lima heard at 0330-0600 closedown with music, comments and US ads. At 0412 hours, carried CBC's "Jazz from Canada" program in English(Stober)Also logged earlier, at 0100(Peters) Last two items evidently being hrd well all over the nation, Ed.
- 9410 England, London BBC with Theatre 2130, News 2200, World Today at 2215(Kuney)
- 9360 Spain Span. Nac. Radio, Madrid good at 2130 with music, 2140 with ID. All Spanish, and some RTTY QRM at edge of band(Kuney)
- 9009 Israel, Kol Zion Lagolah hrd daily with good signals at 2000 hours GMT. (Gough)
- 7345 Czechoslovakia Prague Radio easy to hear at 0130, just 10 kcs above CHU.(Stober)Probably easiest-to-hear st. on the air,Ed.
- 7295 Ghana, Accra at 0745 in Home Svce. in native(Peters)
- 7260 Monaco, Trans WorldRadio hrd with relig. program at 0730(Ptrs)
- 7250 Liberia VOA Monrovia hrd well in Kansas in Eng from 0330 GMT (Dildine) Vatican City Radio at 0100 beamed to NA w/usual religious programming(Rooney)
- 7230 Phillipines FEBC at 1300 at good level w/QRN.(Stober)
- 7215 Ivory Coast, Abidjan Radio w/pop mx and French anncts at 0630
- 7120 Indonesia YDU6 Denpasar hrd 1300 w/very good sigs (Peters)
(Stober)

- 6265 Unidentified spanish-lingo station untill close fast at 0400. Plays music such as "Copenhagen" and "Say It With Flowers". No ID copied yet.(Stober)
- 6195 England London BBC at 0000 w/request pro. ending, then news and comments. Strong, 6115 dual(Kuney)
- 6185 Portugal Lisbon The Voice of the West at 0200.(Rooney)
- 6150 Australia VLR6 at 1130 w/good-fair signals.(Stober)
- 6140 Australia VLW6, Perth, with Cuba and VOA QRM 1130(Stober)
- 6135 Tahiti; Papeete Q700 w/French news and drama(Peters)
- 6130 Canada, CHNX at Halifax hrd Q210 w/wx es music.(Peters)At 1030 with news weather and sports(Eddings)
- 6095 Formosa, Taipeh BCC at 0925 w/native lingo,Eng IDs.Good.(Stober)
- 6080 East Germany RBI at 1720 with "Progress Report"(that's funny in itself, Ed.)and only a few IDs.(Binau)
- 6075 Senegal, Dakar in French at 0800 when VOA Monrovia signs off (Peters) Hawaiian Islands, VOA Honolulu heard at 0930(Moyer)
A good catch, Paul.Ed.
- 6055 Japan NSB's JOZ2 excellent at 0730 in Japanese, with French songs(Stober)
- 6045 Brazil, Radio Clube Paranaense heard at 0930(Moyer)
- 6035 Brazil, Radio Globo ,ZYZ26 at Rio w/American music at 0200.
- 6025 Portugal, Lisbon The Voice of the West in English 0200, and dual to 6185 kcs(both from Stober) Lisbon also logged at 1640 with spanish-type music and news (Templeton)
- 6010 Colombia "La Voz Amiga" at Pereira logged at 0940 in lingo (Moyer)
- 6005 Swan Islands, Radio Americas noted at s-on at 1000 hours, and is being jammed (Gough)Radio Americas is still announcing as being on 6000 kcs SW and 1160 mw.Also hrd 1000 at s-on, and asking for reports to Box 352, Miami 1, Florida.(Eddings)
Canada CFCF Montreal hrd with pop music and Hootenanny music at 2035(Rooney)Is relay of CFCF, Bob.Call CFCX.Ed.
- 5995 Angola, Luanda with IS 0555, anthem 0600, ID as "Aqui Portugal, Emissora Official Provincia Angola, Luanda".Lingo Port. Good signals at opening, gradually fades by 0630. Also has been heard on 6190 but is weaker here.(Peters)
- 5990 Guatemala Radio Nuevo Mundo with good signals to WVNA at signoff 0600.Some VOA side-channel interference(Stober)
- 5965 Brazil, Radio Guaiba, Porto Alegre, hrd with strong sigs and QRM at 0300(Stober)Logged at 1000,hrd well(Moyer)
- 5960 Italy Radio Roma hrd 2335 with news, music, requests all in English(Rooney)
- 5955 France, RTF at 0600 w/dance music(Stober)
- 5050 Tanganyika, Dar-Es-Salaam at 0330 with music and ads. ID as "This is the T.B.C."(Peters)
- 5010 Windward Islands, W.I.B.S. hrd at 0100-0128 s/off with news and soft music. WRH says they don't want reports here.(Stober) Logged farther East untill about 0100 hrs(Gough)
- 5000 Japan Tokyo JJY Standard Time Station hrd strong at 1525 hrs. (Stober) No WWV or WWVH? Ed.
- 4996 Sudan, Radio Ondurman at 0400 with chants to 0420;Talk 0420-0425, then music and Arabic news at 0430.(Peters)
- 4995 Brazil, Radio Brazil Central, Goiania fair at 0340.(Stober)
- 4970 Venezuela Radio Rumbos at Caracas 0400 w/good sigs and some SSB interference(Stober)
- 4965 Colombia Radio Sante Fe HJAE at 0835 in Spanish and with frequent IDs. Is on 24-hours-a-day.(Binau)

- 4955 Colombia Radio Nac., Bogota hrd in spanish with music 2200 and fair signals. Logged again at 0130.(Cohen)
- 4945 South Africa, Paradys Springbok Radio w/Eng news 1630(Stober)
- 4934 Peru Radio Cultura at Abancay hrd at 0400 signoff. Listed power is a poor 250 watts. Fair signals(Stober)Fine catch!Ed.
- 4923 Ecuador Radio Quito "La Voz de la Capital" hrd with good strength. S-meter sez 15 DBs over S9 at 0400 hours. This is only 500 watts??(Stober) Mebbe somebody up there likes you, Lou.
- 4915 Ghana, Accra at 0600 in English w/fair signals. Some RTTY QRM.
- 4910 Ecuador "Emissora Gran Colombia" at Quito hrd with fair sigs at 0400 hours. WRH says only 300 watts.(Stober both items)
- 4895 Malaysia, Kuala Lumpur Radio Malaysia with good signals at 1430 hrs GMT.(Stober)
- South Africa, Paradys, with ID 0430, then religious invocation (Peters)
- 4890 Senegal, Dakar Radio hrd at 0600 s/on. Fair to good signals.
- Venezuela YVKB at Caracas hrd 0230 w/mx and anncmnts(Stober)
- 4880 Dominican Republic, Radio Commercial at Santo Domingo heard at 0520 GMT, despite WRH 64 scheduled signoff time.(Stober)
- Ecuador, Radio Nac. Espejo hrd 0537 with QRM. This is a 24-hr station with programs composed of mostly music(Stober)
- 4855 Colombia Radio Bucaramanga, Bucaramanga at 0330 in English and Spanish .Sigs fair but QRMed.(Peters)
- Indonesia YDK at Palembang heard well at 1300(Stober)
- 4833 Mozambique, Radio Lourenco Marques Commercial Service at 0400 in English. (Peters)
- 4810 Venezuela, Maracaibo at 0330 with romantic music, and progrm announced as "La Hora Westinghouse"(Peters)
- 3985 Ecuador, Radiofonicas Populares at Quechua with music before 1025 hours, and IS and ED at 0525 hrs(Moyer)
- 3315 Martinique, Fort-de-France w/French drama at 0045 and AFRTS QRM(Peters)
- 3300 British Honduras, Radio Belize with docu. at 0230. Theme was "Do It Now"(Peters) See this item in "bits and pieces", ed.

A tip of the topper to our reporters for this month, and a good crew they are:

Bob Binau, Maryland	August Balbi, Calif.
Louie Stober, Oregon	Frank Peters, Illinois
Ted Templeton, Texas	Paul Gough, N. Hampshire
Bill Eddings, Penn.	Paul Moyer, Canada
Rickey Cohen, Mass.	Robert Rooney, Penn.
Steve Dildane, Kansas	Lavoyd Kuney, Michigan

Now into this month's SPECIALS...good catches, freq changes, etc:

- 15240 North Korea, Radio Pyongyang hrd well after 0330. Latest show shows xmsns for Latin America here. Australia same freq at 0300(Stober)
- 15370 Brazzaville here in French 1930(Peters)at 2100(Stober)
- 9745 Belgium, Brussels(tentative)1735-1750 with Congolese pro to Africa. Signal dropped to almost nil at 1800(Eddings)
- 6250 Costa Rica Radio Popular at San Juan here(listed for 6075) 0330-0500 closedown. Many IDs and CWQRM at 0430(Stober)
- 6080 Phillipines DZI7 with new power of 1000 watts.Sins off at 1600 hours GMT. Program of music es dedications. Some QRM and fair on the west coast.(Stober)See this under "QSL info"..
- 4972 Camerouns, Yaounde at 0515 in English. Not heard often due to heavy interference on frequency.(Peters)

More....

Specials, continued...

- 4875 Possibly a new station at Cali, Colombia with the ID of "La Voz de Rio Cauca" logged 0530-0730. English announcements at 0610 and 0701 and music. "HJED, Colombia's newest and most powerful station". Reports to Box 1941, Cali, Colombia. (Stober) Heard fair here same time, Ed.
- 4795 Burundi, Usumbura in French with ID as "Ici Usumbura" and with news at 0500. (Peterse)

Louie Stober flashes this bit of info to us via Spec. Delivery: Letter received from Radio Timbira, Sao Luis, Brazil... "We believe you will be interested to know that Radio Timbira is now broadcasting every Sunday at 2330 GMT a special program dedicated to its foreign listeners so that they may learn more about our country and state." The letter goes on to say that they're looking for taped reports of that Sunday transmission, and they'll include your tape on their Sunday program. Radio Timbira reopened last July, after closing down after 20 years of service, in 1960.

More "Bits and Pieces"

To avoid interference from Brussels, Radio Mali has moved to 9735... A station at Novosibirsk, Siberia, USSR is being heard on 4430 kcs at 2300-0000 GMT.....

There will be a broadcasting Service from Swaziland in the future, says Sweden Calling DXers. At present, only Radio M'Babane is there.

Test your set, you West Coasters... there's a station calling itself "The Voice of the People of Thailand", a clandestine station supposedly in that nation. It's heard daily 1400-1445 and 1530-1600 on 9410 kcs....

France's OCORA broadcasts over Radio Paris transmitters daily from 1515-1545 on 17850 and 21580. Programs consist of reports and comments from the member African states....

Israel, Kol Zion, is now on their summer schedule. English carried 2015-2045 GMT on the old standby frequency of ..natch.. 9009 kcs....

NOTE Sweden Calling DXers says that Radio Nederlands Compatible Single-Sideband transmissions (see page 1, this section) are being aired on this late schedule: 1730-1920, 1930-2020, 2100-2250, 2300-0120 all on 9590 kilocycles.

Here's the latest sked for the Home Service of Japan's Nippon Hoso First program 2000-2215 on 7230kcs., 2225-0745 on 9655 kcs., 0755-1000 on 7230 kcs. Second program 2030-1000 on 7285 kcs...

Radio Tovar, Venezuela lists this sked: 3365 kcs 1025-0230, with Sunday signon at 1325 hours....

Latest sked from Northern Rhodesia shows Nat. Program on 3270 kcs 0400-0630, 1730-2100, on 4911 kcs 1500-1730, on 4965 kcs 0400-0800, and on 6165 kcs 0630-1200....

(Credit all above to SCDXers)

The votes are few and far between for listings in the SW section by time, frequency or country. How do you find it easier to pick items from the shortwave listings? Do we assume that these few votes received so far represent the opinion of all 200-odd members, or will we hear from you before June fifth? Know this, please: Beginning w/ the June issue, we will comply with the majority opinion in the listings. And may we point out that those who don't take the time to make their opinions known should not take the time to offer critiques! HEAR YEE! HEAR YEE!

More "Bits and Pieces"

Angola Radio Clube de Mocamedes has an English Service for South-West Africa, Sundays at 1000-1100 on 7240 and 9515 kcs....

HOT STUFF..According to the French News Agency's monitoring service, Russia has begun to jam Radio Peking transmissions in Russian. Two of the frequencies in use have been taken over entirely by Radio Moscow, while the other five are subjected to systematic jamming.....

France has a new mailing address; Radio Television Francaise, Maison de la Radio, 116 Quai du President Kennedy, Paris 16e.....

From the Netherlands Antilles: Proposed broadcasts from Trans World Radio at Bonaire have been held up again, due to bad weather and delays in arrival of materials. Tests of the mediumwave service are scheduled to start this month (attention Steve Raiche) and the Shortwave emissions now set for this July.....

From Stateside: Voice of America has purchased 10 250-kilowatt shortwave transmitters, to be installed at VOA's proposed relay facilities in the Philippine Islands....

From England comes word that the BBC is planning a new "night" program.....

Radio Nederlands is noted with TESTS to the Netherlands Antilles. Heard from 2030 GMT on 17810 kcs. They say dual to 15425 kcs...Any of our boys hearing this? Ed.

(Thanks to SCDXers for all above)

Some Spring Schedules

Ghana, Accra now beaming in English as follows: To Europe at 2050-2130 on 11800 kcs, to Nearby Areas 1400-1445 on 15190, 1830-1915 on 11800, 1445-1530 on 17910. To South Africa 1630-1715 on 17910, 1445-1530 on 21545, 2000-2045 on 9545. To West Africa 1445-1530, 1700-1745, 2000-2045, 2130-2215 all on 6070 kcs (2130 xmsn dual 9545)

London's beam to USA, Canada, Mexico: 1530-1730 and 1430-1630.

Radio Japan lists these changes...Korean Service now on 1100-1200. Asian Service is now on 1215-1445. The African Service features a change in lingos; English 1900-1935, French 1935-2000.

Afghanistan, Radio Kabul's latest sked, for all the real DXers... English 1030-1100 on 9650 kcs, 1100-1130 on 15125 kcs, 1330-1430 on 4785 kcs (part of transmission in Urdu). They're on in Arabic from 1800-1830 on 11955 kcs. German and French are on from 1830-1900 on 9650 kcs. In Russian 1730-1800 on 4785 kcs. (SCDXers)

Denmark's latest sked to the Far East, Aussieland and New Zealand is Tuesday, Thursday and Saturday at 0900-1000 on 15165 kcs. (SCDXers)

Late and Special

10600 Unidentified station heard at 0340 in Russian, with all commentaries, no music, no IDs. (Stober) Mebbe a Radiotel, Ed..

5040x Colombia, "La Voz de Cali" with many IDs in Spanish at 0500. Signals good on West Cpast. Much music. (Stober) This makes at least 3 Colombians we've seen reported here from various sources, Ed.. "Radio El Sol" latest one.

Soon..a more detailed look at aligning your set (see page 5, April), as you requested! Keep smiling..It's lots easier....73s from Doug

Most of us have heard either/both WWV and/or WWVH at least once while tuning across the spectrum of our receivers. To many, these seem to have no useful program material and yet, to the experienced and/or informed listener, they are quite useful.

First they give the correct/accurate time (to within billion parts of a second); Also they transmit on standard frequencies....2.5, 5.0, 10.0, 15.0, 20.0 and 25.0 megs. (WWVH is only on 5, 10 and 15 megs, so don't bother looking/listening for it elsewhere)

Here in the northeast, WWV is heard on 2.5 megs in the evening and all through the nights. During the day and early evening, WWV is heard here on 5, 10 and 15 megs. WWVH can be heard on 10 megs throughout the night and on 5 megs under WWV in the late afternoon.

WWV/WWVH are exact enough (frequency-wise) that you can calibrate your receiver and/or crystal calibrator against either.

Propagation forecasts are also given on both stations (CW) twice, just before the voice announcement of the time. On WWV, these are for the North Atlantic path (thus telling you how good conditions are to Europe) while WWVH gives the conditions for the Pacific path. Propagation code numbers range from 1 to 9 for each given letter and as would be expected, the worse is 1, the best 9. The letters given are:

- W (meaning an ionospheric storm is in progress or expected)
- U (means condx are unstable in general)
- N (means condx are normal)

Should you hear N5, it would mean condx to be normal-normal. Very rarely do condx get worse than N4 or better than N8.

Both these stations will QSL. The QTH of WWV is Greenbelt, Maryland; WWVH is P.O. Box 578, Puunene, Hawaii 96784.

By the way, all times given on these stations are EST (Eastern Standard Time). P. Gough

DOES WEATHER EFFECT SWBC?!

Many DXers wonder if they should include local weather condx in reports they send to BC stations, SWBC in particular. Here is what the President of the "Radio Canada SW Club" sez in reply... "As a shortwave engineer, I can see no useful purpose in the inclusion of local weather data in a reception report. Except for local electrical (lightening) storms and other effects on local reception, terrestrial weather has no effect on shortwave transmissions. Much more important is the state of the weather in the ionosphere, but as this takes place between 60 and 250 miles above us, it is most unlikely that the average SWL would have any details of this type to include. Summarily then, the ground weather has no bearing on shortwave transmissions from the broadcasting end... You need not include it in your reception reports." (de SWN with tx)

(As my own view on the above.... Granted the RCSWC officer should know what the score is, but seems to me, if a station is sent a reception report and the reporter gives said station a poor signal report, the station engineers would like to be informed as to the probable "why" such poor report. Thus, if the poor report was brought about because of local weather condx, it would be of interest to the engineer; It should be included in the signal report which is certainly a vital/important part of any/all reception reports. If we are to send detailed/accurate reports, I myself think we best include local weather condx if they be a factor at the time re reception. Wonder what some of you other OM think about this? Drop Doug Benson a card, give your ideas! Tnx, good DX and lotta fair weather. Hi! Bill Eddings)