

THE RT
The RT

RIVER CITY RADIO RAG



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and

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The deadline for submission of material is the 20th of the month preceeding the desired month of publication. Any article dealing with any aspect of amateur radio is welcome. It is not our intent to edit prospective articles, however we reserve the right to delay the publication of an article due to space limitations. Any submission deemed not of general interest to the amateur community or not in the general good interest of amateur radio will not be published.

Iowa City Amateur Radio Club Officers, 1975

President; Craig Fastenow KØUJJ
Vice-president; Michael L. Nowack WBØHOG
Sec'y-Treasurer; Ed Miltner WBØOUP
Activities Chairman; Michael Valdez WNØNCX

Dues for the Iowa City Amateur Radio Club are \$6.00 per year (includes a subscription to this publication). Permission to reprint is granted if credit is given to the author and this newsletter.

The Iowa City Amateur Radio Club meets the second Wednesday of each month in the community room in the basement of the First National Bank of Iowa City at Towncrest, 1117 William Street. The meeting begins at 7:30 PM CDT.

Editor of the RAG: Michael L. Nowack WBØHOG
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PREXY'S PAGE
de KØUJJ

Well, I guess that the big news this month is the ARRL counter-proposals to the FCC restructuring docket. Although I have not read it in detail, what I have heard of it strikes me as a very common sense approach to the problem. The ARRL report of the Director's meeting is published in whole elsewhere in this issue, so I will not go into details. But several points are worth mentioning--the first of which is the rejection of the dual path progression concept and the idea that each succeeding class of license have all the privileges of all lower classes. This is something that has been needed for some time. Another thing of note is the rejection of power levels as an incentive, and support for current methods of measurement of power.

Something contained in this report is not so favorable, however, and that is the fact that QST will change format on January 1, 1976. It will change to about 125 pages from the current 168, will use a lower quality paper, and will change size to that of Time magazine. I for one am very much disturbed, to put it politely, at these changes, which amount to a reduction in quality. One of the things of note in QST has been the uncompromising quality. I have QST's in my personal collection dating back 40 years and they are still in excellent condition. And the size has always been ideal, easy to store, and the square back makes it easy to find any issue easily, with the date readily visible in a stack. I think 50 years of tradition of quality should not be so lightly tossed aside. The savings resulting from these changes amounts to about \$1 per member, and I, for one, am very willing to pay that much more per year to keep the quality of QST where it has always been. If you agree, it would be well worthwhile to write your Director and Headquarters about it.....

An excellent program forthcoming this month--WØGET with and account of his travels to the Pacific. We are looking forward to it, Doc.

73, de KØUJJ

IN CASE YOU MISSED IT..... de Ed, WBOUP

The regular meeting was called to order by Craig Fastenow, the club President. Members and guests were welcomed by Craig and each introduced themselves and gave their calls. It was agreed to hold the social hour after the meeting at Maxwell's. The minutes of the April meeting/trip to Collins radio were read. The treasures report was accepted as read. A bill was presented by Steve, KOSVW for the printing of award certificates for the club. It was approved for payment. Several points about the new constitution were brought up for discussion, including what constituted an official meeting, how many members constituted a quorum, and how were expenditures to be authorized. Steve, KOSVW moved to take a vote at two consecutive meetings on the acceptance of the new constitution. The motion was carried 13 to one. The first vote on the acceptance of the constitution was then taken and also passed 13 to 1. The next vote to take place at the June meeting. Mike, WN0NCX discussed the producing of code tapes for use by prospective Novices and by Novices upgrading to General. Doris moved to appropriate funds to produce written material to accompany these tapes; the motion was seconded and passed. Mike also told us about the upcoming programs. A motion was made and passed to present Mike with a certificate of merit for his contributions in the Novice and General class classes. Dave, K0LUM, produced the letter drafted as the clubs reply to the FCC on Docket 20282. It was read to the membership and those present were given the chance to sign it as members. Fred, WA0HFW discussed Field Day and Dennis WB0MCX informed the club that he will not be at the June meeting and someone else will have to get the key for the meeting room on that day. With that the meeting adjourned for refreshments, and was followed by a program on linear integrated circuits by Craig, K0UJJ.

The next meeting is June 11th, 7:30 PM at the First National Bank, Towncrest. See y'all there.....

de Ed, WBOUP

* * * S T R A Y * * *

Ham Radio magazine is joining the move to the larger size format along with QST. Beginning January 1976 both will go to the size of Time and similar publications. The pressures of inflation come to everyone soon. (For the details on QST see the notes on the Directors meeting elsewhere in this issue). From HR Rep.

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Please notice the new mailing labels that we put into use this month. They were produced courtesy of Craig, K0UJJ. Let me tell you there is one very happy editor who does not suffer from writers cramp now. What used to take over an hour to do, now only takes just a few moments.

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Don't forget that the deadline for filing your comments on the Restructuring Docket (20282) is close at hand. (June 16). So get that letter off to the FCC and do not forget to send 14 copies with it and while your at it, send one to your Director W0FIR.

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If you are fairly new to amateur radio and have never heard what the HF bands can sound like when they are wide open, try tuning around in the next few days as the 20, 15 and even the 10 meter bands have open nearly 24 hours a day and may continue for a few more days that way. Especially strong 20 M Russian signals were common along with VK, ZL, JA and some of the rarer ones such as 9NL, 0M8, VR4, and an SV1 was worked by three local hams on 15 meters at 10 PM!

Sometime ago mention was made of having auto-patch facilities on the Iowa City machine. This has not come about, but don't sell your touch-tone pads yet. One of the main reasons for the existance of the repeater was auto-patch. I don't have to go into the advantages of these systems. The main hold up in the insallation is that the repeater will be using a University Centrex line and by agreement, they are not touch-tone lines. If they did the matter would be much easier and the system would have been on long ago. But equipment has to be built to decode the tones and convert them to dial pulses. In addition to this, timers and control logic must be designed and built. So have faith.

A personal note regarding the ARRL proposed new introductory 'Basic Amateur' class of license. Having A1, A2, A3 and F3 privileges in 145.0-145.5 and 222-225 MHz with 50 watts maximum dc input, I think that the Board of Directors came up with a good one. Looking through all of the proposals they must have received from members and clubs must have taken forever. I think that there is a need for the Basic Amateur type license to help fill the gap between CB and amateur radio and the frequencies chosen are little used. 73 Chuck.

* * * S T R A Y * * *

Intrepid FCC Gettysburg staff seems to be coping very well with the flood of CB license applications -- one application was mailed March 29 and the license was received May 9. That would be prompt action under normal circumstances, and is incredible considering the current almost 200,000 per month rate at which applications are being filed. (From HR Report)

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The staff at HR Report has come out in favor of the ARRL position regarding restructuring. From the May 23 HR Report we quote, "All-in-all a well thought out, well integrated pakage that reflects a lot of hard work." And this is from a rival publication house! Another round of applause for the guys at ARRL.

One of the newest stations in Iowa City is WNØPLZ. This license was issued on 22 May 1975 and belongs to Jerry Cooper.

Jerry was born and raised here in Iowa City and was graduated from City High School. After High School, Jerry attended the University of Iowa for one and a half years. Following this he went to work for the Measurement Research Center (now Westinghouse Learning) where he worked on the scoring machines for a year.

Moving on, Jerry went to work for the University Physics Department where he was in the instrument repair department for 5 years. For the past 3 years he has been with the Audio Visual Center at the U of I maintaining and repairing their many video and audio tape recorders and their projection equipment.

Jerry has three children and is still in the process of setting things up at his station, but it looks like we will see him on 40 meter cw quite a bit in the future.

(Editors note: Jerry is now active and has been heard on 40 cw with a DX-20 or TX-1 and an Allied receiver.)

* * * S T R A Y * * *

FOR SALE; Hammarlund HQ-110 receiver. See Fred Erskin, WØOJW

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FOR SALE; Heathkit DX-20 transmitter and Hallicrafters S-77 general coverage receiver. \$20 each. See Jerry, WNØPLZ at 338-4987 after 5 PM

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Next Sunday, June 8th, is the date of the Hawkeye Hamfest at Des Moines. It runs from 8AM to 4 PM at the Teen Town area of the Iowa State Fair Grounds at East 30th and Grand Avenue. The tickets are \$2 at the door and the grand prize is a Ten-Tec Argonaut Transceiver. Camping will be available for Saturday night.

THE ARRL DIRECTORS MEETING ON DOCKET #20282

(Editors note: the following is an ARRL news bulletin that was received by our Iowa SCM Max, WØLFF and given to me for publication in the RAG. I do so with apologies to Dan, WBØMED whose feature article on solid state was delayed until next month so that we could get this important information to our readers as soon as possible. The complete minutes of the meeting will be in the July issue of QST. What follows is a listing of the motions that were adopted by the Board regarding 20282. Look for Dan's feature next month). QUOTE

News Bulletin #70 by WØFZO

#1-MOVED, Recognizing the need for certain changes in the U. S. Amateur licensing structure, it is moved that the Board now consider the proposals comprising FCC Docket 20282.

#2-Moved, that while the Board endorses the concept of adding a new beginner class of license conveying limited VHF privileges, it rejects the proposal to divide the Amateur Radio Service into HF only and VHF only categories for licensing purposes as well as the proposal to create a new Experimenter class of license.

#3-Moved, that the license structure set forth by the Leagues recommendations provide for a single line of Amateur license class progression with the following steps; 1-Basic Amateur. 2-Novice. 3-Technician. 4-General. 5-Advanced. 6-Extra, with the privileges of each to include privileges accorded the lower license classes.

#4-Moved, that the Board endorses the provision of Docket 20282 creating a new beginner class of license, but that it be identified as 'Basic Amateur' and accorded the following privileges and requirements;

1-145.0 to 145.5 MHz and 222 to 225 MHz.

2-A1, A2, A3 and F3 modes.

3-Power input not exceeding 50 watts.

4-Written examination the same as the Novice Class.

5-Ability to recognize Morse Code characters, but with no speed requirements.

6-Examination administered by 2 proxy examiners of General Class or higher.

7-License term of 5 years non-renewable, reobainable without mandatory time lapse, upon re-examination by proxy examiner.

continued

Directors meeting continued

(Explanatory comment; Current Novice requirements indicate a 2 year non-renewable license. After a one year mandatory wait the applicant may try again for a Novice license. The wording of part 7, in this instance, eliminates the mandatory 1 year wait and this will be repeated when we get to the Board's action pertaining to the Novice class.) #5-Moved, That there be no changes in the privileges of the Novice class license as to available frequencies, mode, and available power, except that;

1-Power to be determined by the same method as that used for the other classes of license.

2-The license be granted for 5 years, non-renewable, but reobtainable without mandatory time lapse upon re-examination by proxy examiner.

3-The Novice license holder be granted all privileges of the Basic Amateur license.

#6-Moved, that there be no changes in the following privileges of the Technician class licensees; available modes, transmitting power, license term or renewability, and the holding of special station licenses such as club, repeater, control, auxiliary link and space station; that the following additional privileges be granted; all authorized amateur frequencies above 29.0 MHz, and all privileges authorized to the Novice class; that there be no change in the renewability of present Technician (C) licensees, and futher, that both the code test and the written test for new Technician class licensees shall be administered on the same basis as General class.

#7-Moved, that there be no change in the following privileges of the General class licensees; available frequencies, modes, power, supervision of mail examinations, the holding of station licenses such as, club, repeater, control, auxiliary link and space station licenses, and further, that the General license convey the following additional privileges; all operation in the 50.0 to 50.1 MHz segment.

#8-Moved, that there be no change in the following privileges of the Conditional class licensees; available frequencies, modes, transmitting power, the holding of special station licenses such as, club, repeater, control, auxiliary link, and space station, and license term or renewability; that Conditional class licensees be issued General (C) or General (D), as appropriate, as proposed in Docket 20282, that new General (D) licenses be

continued

renewable upon application, and that there be no requirement for mandatory re-examination of present holders of Conditional class licenses should their legal residence, mailing address, or station location change to within 175 miles of an examination point.

#9-Moved, that the Board concurs in the following FCC proposals not to reduce Advanced class privileges, but the Board recommends retention of existing power levels and frequency privileges, and further, that the holder of an Advanced class license be able, at his option, to apply for a preferred 1 x 3 call sign.

#10-Moved, that the Board concurs in the following FCC proposals relating to the Amateur Extra class license; the issuance of a lifetime operators license to any Amateur Extra class status, and the change of the name of the class of license from Amateur Extra class to Extra, but that there be no change in the following privileges of the licensees; available frequencies, and sub-band exclusivity (except for recommendations adopted earlier in this meeting) and transmitter power, and further that the written examination for upgrading from Advanced to Extra class be retained.

#11-Moved, that the comments filed by the ARRL on the Docket 20282 include a recommendation for the restructuring of amateur code speed requirements; Extra 20 words per minute. Advanced 15 words per minute. General 10 words per minute. Technician and Novice 5 words per minute, with holders of current General and Advances licenses to be given credit for 15 WPM code proficiency.

#12-Moved, that the League's comments in response to Docket 20282 reject, except for the Novice and Basic Amateur classes, the concept of transmitter power level as an incentive device.

#13-Moved, that the method of determining power level in the Amateur Service continue to be based upon plate power input in lieu of peak envelope power output.

#14-Moved, that the Board concurs with the Commission to increase from one to two the number of proxy examiners requirement for the administration of mail examinations, neither of which shall be related to the applicant.

#15-Moved, that the Board concurs with the commission that no presently licensed amateur should be forced to change his call sign to reflect class of license, and further, that any system of prefixes to identify class

continued

of operator license should be limited to the Novice and Basic Amateur levels.

#16-Moved, that the comments filed by the ARRL in Docket 20282 request that the holders of the former Amateur Extra First Class license be given credit for the Amateur Extra Class without examinations. UNQUOTE.

COMMENTS (by W0FZO)- I can assure you that every possible avenue of approach, every consideration was given every possible viewpoint. A 67 or 68 question questionnaire was submitted Wednesday night for sort of a Board opinion poll. Many votes were taken, some unanimous. Many items were revoted upon, with changes, as opinions and compromises developed. The point was to find out just how many unanimous or near unanimous opinions there were. It seemed to be an accepted opinion that there would be a Communicator license of some sort, so where to put it, what privileges and how to live with it seemed to be the problem. It would appear that more people will be happy with the Boards position than will be unhappy with it. Reading of this on the air, thus far, indicates a near unanimous approval by amateurs. I am both pleased and proud of the Boards action, support it 100% and find it easy to live with. Now the question is, will the FCC feel the same and support the Boards approval? The expansion of the fone bands, specifically on 75 was brought up but not considered germane to any reply pertaining to the Docket. Perhaps the subject of fone expansion will be brought up later... And so the historic Board Meeting came to an end. In summary of important points--No loss of frequencies nor privileges by anyone--grandfatherinf present Conditionals into the General class--no change of power--a limited knowledge of code for the Basic Amateur Class-- a rejection of the two ladder system, a rejection of the Experimenter class. Now other things happened too, and we'll get to those next week (ed note; the next ARRL news bulletin). Formost is the fact that beginning January 1976, the size of QST will the size of Time, Newsweek and similar magazines. It will contain the same information in possibly 128 pages, rather than the present 168. It will be easier to read, have larger print, larger schematics. Most important it will save the ARRL at least \$125,000 per year--hopefully. The current size continued

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Directors Meeting continued

is--shall we say--an illegitimate size. A slightly different grade of paper will be used. I can't tell the difference. I have a sample copy that any nearby friends can see if we can get together.. I would suspect you would like more information on the happenings and other details of the Board meeting. Your Director and Vice-Director may be able to attend your club meeting or hamfest if satisfactory arrangements can be made, We have cleared the problem further about the results of the ARRL survey. Most of that information has lost a lot of importance recently. If anyone has any questions on the survey results, we'll be glad to answer. Please feel free to comment or ask questions if your understanding of the Docket reply is not clear. We have both been a bit hard pressed to get this into shape and hope it is the information you have been looking for.

de WØFZO

Editors notes; This has got to be the most important action by the board in many months. Whether you agree with it or not, each of us should study it and let our League officials know how we feel. It would appear to me to be much less radical than the FCC proposal and yet accomplishes that all important goal of a new introductory class license. It should in the long run, cause fewer problems among presently licensed hams. Already I have read of some criticism among several groups and in particular, the group that publishes the West Coast DX bulletin. They point out that to them it just protects the status quo, and embraces the 'haves' while rejecting the 'have-nots'. Well, my feeling on this point is this; perhaps the proposals do this to some degree (a small one in my estimation), but do not some of these amateurs deserve it to that small degree? After all, they are the ones who have made amateur radio what it is today and its very existence is due in no small part to them. Should we shun these amateurs and all their accomplishments so that the service is opened up to those who do not understand the foundations of amateur radio and if freely admitted with almost no requirement to gain this understanding might destroy the service as we know it? Granted, we have a duty to the public to use our resources and talents in their interests and that is why we must

continued

Directors meeting continued

protect and conserve these resources so that they are there for use when needed. Can you imagine trying to pass emergency traffic in a time of disaster under conditions that exist today on the 11 meter citizen's band? Well, enough of my personal views. Some additional proposals may have been omitted from this news bulletin as other sources of information have indicated. The Extra class fone segment in 15 meters would be opened up to Advanced class licensees under the ARRL proposals. Further they propose; a new exclusive fone band in 20 meters for Extras from 14.175 to 14.200 MHz., the retention of the exclusive Extra fone band in 75 meters, a block of distinctive call sign prefixes for assignment to Basic Amateur class licensees which would be retained even if the licensees upgraded. I am sure that the full minutes of the meeting will contain even more information, so be sure and read them in the "Happenings" column in the July issue of QST. Thanks to Max for the information and I might point out that the views expressed by this editor are his own and not necessarily that of the club.

* * * S T R A Y * * *

The next regular meeting of the Iowa City Amateur Radio Club will be on Wednesday, June 11 at 7:30 PM at the First National Bank at Towncrest, Iowa City. The business meeting will be followed by refreshments and a program by Doc WØGET on his recent trip to the South Pacific. It should be quite interesting..... see you there.

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On July 1, the dues for membership in AMSAT will double from \$5 to \$10 per year. So, if you are already a member now is the time to renew. If not now a member, now is the time to join. They need your support to continue their work and the long line of Oscars.

*** STRAY ***

The West Coast Amateur Radio Service (WCARS) has declared war on jammers and is taking legal action against those who willfully interfere. They have been experiencing the same type of interference that the Midwest Amateur Radio Service has been hearing. A team of amateurs is seeking aid from the US Attorney's Office and the FCC in getting a court injunction against further jamming. Failing this they will seek actual and punitive damages in the courts of the Federal District in which the jammer lives. The legal team is headed by Ed Peck, K6AN. Should be very interesting to watch this one. (This from Worldradio News)

It is reported that a certain basement hamshack in Iowa City is a little less crowded these days as a Henry 2K has been replaced by an Alpha 374. Must be nice..... how is it doing Doc? That is what med school can do for you.... why a few years ago he couldn't even spell leniar... er .. liner... er .. lanear... heck, BOOTS.

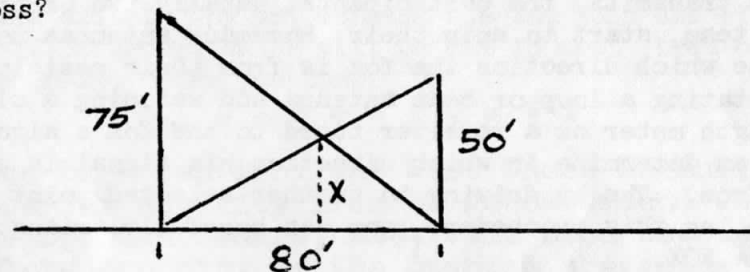
It has often been noted that when a ham in this area is in need of advice on the repair of a piece of amateur radio equipment, or the actual repair work itself, he must send it off to another part of the country. Seems as tho a repair shop in this area could do quite well, especially if the owner was willing to make service calls in the field. I know of at least one ham who could have used his services during the last ICARC hidden transmitter hunt!

WANTED: a good keyer paddle for use with an electronic keyer. See Mike WBØHOG at 351-8076 after 6 PM.

Several new Novices are now on the air in Iowa City. Receiving their tickets recently are; Jerry Cooper, WNØPLZ; Judy Regennitter, WNØPMA; Bill Freeman, WNØPJU and Jerry Warner, WNØPIU. Congratulations to all. There are still seven students from the last ICARC Novice classes awaiting the arrival of the licenses.

BRAINTEASER OF THE MONTH de WBØHOG

This month's puzzle is from The Bandsread, the Cedar Valley ARC newsletter. Ham A lives next door to Ham B. Ham A decides to install a 75 foot tower in his back yard at the same time that Ham B installs a 50 foot tower in his back yard. Each uses a heavy concrete base for his tower and after consulting one another, they each agreed to let the other use the concrete bases as guy wire anchors. The distance between the tower bases is 80 feet, and the ground is relatively level. Question: After the two guy wires are installed, at what height above ground will they cross?



The answer will appear in next month's RAG. The answer to last month's little goodie is: the dimensions of the box are 8"x10"x12".

*** STRAY ***

Amateur dockets are beginning to move at the FCC. The repeater linking docket (20073) is reported on it's way to the Commissioner's agenda, and the repeater cross-banding docket (20113) is not far behind it. Action on the Extra class requesting specific call signs (Docket 20092) is also expected soon. Still pending are RACES (19723), HIRAN (20147) and repeater automatic control (20112). At least one new docket is pending on exotic emissions. (This from HR Report)

Rumor has it that the 'B' team is holding a meeting this Wednesday evening to lay plans for the attack on the peace and serenity of Field Day. 'A' team (the good guys) is awaiting their report from the spies on 'B' team.

Sunday, May 11, was another of the on going series of popular ICARC 2 meter hidden transmitter hunts. For those not familiar with our procedures, I will digress a bit to explain. Our club, over the past year or so, has sponsored several of these hunts and they go something like this: an amateur takes a 2 meter radio (usually a battery operated transceiver in a car) and selects a place to hide in the Iowa City-Coralville area and at a predetermined time comes on 146.52 MHz and broadcasts intermittent transmissions. He is termed the 'FOX' and the objective is to be the first to find him. As he transmits, the participants, usually two or three to a team, start to spin their homemade antennas to locate which direction the fox is from their position. By rotating a loop or beam antenna and watching a signal strength meter on a receiver tuned to the fox's signal, one can determine in which direction his signal is coming from. The by driving to another selected point and repeating this procedure, you can hopefully triangulate to the FOX.

As I originally mentioned, our last hunt was on Sunday, May 11 and Ed Miltner, WBØOUP was the host and showed us all a good time. He hid behind Regina High School in northeast Iowa City and just as he was ready to announce that the hunt was on, Craig, KØUJJ our President and one of the participants announced the visual sighting of a tornado just west of Iowa City. Dennis, WBØMCX was raised through the Iowa City repeater, WRØACU and the authorities alerted. After a few exciting moments things quieted down, the front moved through and the hunt was on. Fred and his wife Judy (now WNØPMA) won with a good time of 24 minutes. The other teams all finished with good times of less than 1 hour with the exception of KØUJJ whose radio malfunctioned at about 15 minutes into the test. After nearly two hours, he was contacted at home via the twisted pair and his problem learned of. (continued)

Ed WBØOUP donated a case of beer and pop and some chips and a good time was had by all. Now it is up to Fred and Judy to set up the next one before they depart for the US Army and the Carolinas.

The club is now the proud owner of ICARC award certificates which we used to honor the various past winners of our assorted contests. They turned out very well and several good comments were heard when I passed them out at the last meeting.

The next big contest is Field Day, a 24 hour in-the-bush test which is always a favorite. Fred, WAØHFW is the club chairman and still needs help from beginners and old timers alike. Why not contact him and join one of the two ICARC groups which will be out to meet 'head-on' on June 28-29. See you then.

* * * S T R A Y * * *

Some DX notes from the West Coast DX Bulletin; look for activity from Mt Athos around June 20, the Spanish Sahara, EA9, will soon become a deleted country as the Spanish are going to give up control of the colony and it will most likely become part of its neighboring countries, Serrana Bank should open around June 17 with operation by W7PHZ and friends, Glorioso FR7AI will open about this time, St Vicent activity by the Radio Club of Barbados will begin on June 20, Rodrigues 3B9DL from about June 15, a South Pacific multi-stop effort by Ed De Young and Co in the August/September area, A new principality, Hutt River may be on in November, and finally, W9CTY is planning a DXpedition to Nepal in September, this will help relieve some of the pressure on Father Morran 9N1MM.

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The recent activity from the Coco Islands using TI9FAG will probably not count for DXCC as the license for that activity had been cancelled by the government of Costa Rica. There are some conflicting reports on this and the situation may not be clear for some time yet.

* * * S T R A Y * * *

FOR SALE: Swan 250C with AC PS; NB, plus other extras. Contact Harold Landers, Woodward, Iowa.

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Keep the 5th of October open so that you may attend the Cedar Valley ARC hamfest to be held on that date at the Hawkeye Downs. The details will be announced later and we will pass them on to you.

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As the University club does not hold meetings during the summer months, we do not have a column from them this month, but hope to have some news of their summer activities in the RAG next month.

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The club is now receiving its subscription to HR Report. It is coming to the home of Mike WØHOG and its contents are being reviewed for possible use in the RAG. Any member who wishes to see these fine newsletters may do so by calling Mike.

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A late news item indicates that our Midwest Director, Paul WØFIR, will be at the Des Moines hamfest next Sunday June 8. He will conduct a short question and answer session on any subject that is of interest to those attending. I am sure that the hottest item will be the directors meeting and the boards position on 20282. See you there.

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The marital bliss at the home of a local ham-DDS may have taken a turn for the worse as they are now competing for the use of a certain TS-520. Seems as tho the XYL has recently acquired her Novice ticket and since then Fred hasn't seen his new Kenwood.