



CHERRYLAND ARC



VOL. I, Number 10

CHERRYLAND ARC

November, 1974
Traverse City, Mich.

President: Terence H. Wolfley WB8PLQ
 Vice President: Dr. Kenneth H. Musson W8QKP
 Recording Secretary: Dr. John P. Mesch WB8BZR
 Corresponding Secretary: Clayton "Bud" Heller W8TEE
 Treasurer: Joseph W. Novak W8TVT
 Newsletter Editor: Terence H. Wolfley WB8PLQ
 Activities Manager: Edward D. Chapman K8CWR
 Hospitality Chairperson: Edna P. Widman WB8EYL
 Club Historian - Someone Needed!
 Sergeant-At-Arms - Someone Needed!
 Publicity Chairperson - Someone Needed!

CLUB BOARD OF DIRECTORS:

2 Yr Term: William F. Martinek W8JUY
 1 Yr Term: Frank X. Shumsky W8TVQ
 1 Yr Term: Wells R. Chapin W8GI

Sunday Morning Amateur Social Hour (SMASH) Sundays 0930 AM EST - 3935 KHz, Usually! Six Meters - 52.525 - 2M FM Simplex 146.94 - Repeater WR8AEN 146.28/85 Someday?

NOVEMBER, 1974 MEETING: Will be held Wednesday, November 20, 1974 in the Traverse City Elks Club at 7:30 PM EST. Mr. Les Biederman, president of the Paul Bunyan Network Channels 7 & 4, and well known local businessman, journalist, and public service leader will present a program about "Old Time Hamming". Mr. Biederman was first licensed in 1925 as W3AVL, and was very active on the air until 1940, when he moved to the Traverse Bay Region. Business pressures, such as founding the Paul Bunyan Network and Northwest Michigan College have kept him very busy, to say the least! He said, "I've just been too busy to get down to Detroit and renew my license". He still maintains proficiency with Morse Code, and aspires to one day become an active ham again. I'll be the first to welcome you to our club, Les!

We have several matters to vote upon at the November Meeting. They are: 1. Family Membership Dues - \$6.00/year for first member, and \$2.00 for each family member thereafter per year. 2. Changing Meeting Night to the Third Tuesday of each Month. and 3. Changing our By-Laws to read "The Cherryland ARC shall meet monthly at a designated time and place". These items require change to our constitution, and therefore require YOUR vote. This notice is YOUR official notification of this election, so be there or forever hold your peace!

We have a new Technician XYL in our midst! Lucille Chapin, XYL of Wells W8GI, is now WB8TCH. The Chapin family are also planning a trip to the St. Louis Area, where Wells will attend a Fiftieth Anniversary Meeting of the St. Louis ARC. Wells will also soon receive his 50 Year Pin from the ARRL. Nice going Wells and Lucille, and Bon Voyage!

CLUB ANNUAL DUES are due again, and those not renewing by the December meeting night will automatically be dropped from the rolls. Our constitution allows for a 60 day lapse period, so we are being even more liberal than required. Please call or see Joe Novak W8TVT as soon as possible, and he can fill you in on your dues bill. Your 1974/75 dues bill will depend on when you joined last year, and Joe has already made a pro-rated list. Let's get those dues in, you hear! (I'm getting practiced up for my upcoming trip to Alabama in November!)

Don Elsner WB8IMC is now living in Sheboygan, Wisconsin, and has a WB9-call now. I was told his new call, but it has completely slipped my mind. We are sorry to see Don go, and wish him the best. I'll try to have his new call and address down pat for the December issue!

We still need volunteers for the jobs of Sergeant-At-Arms, Club Historian, and Publicity Chairperson. PLEASE someone volunteer, and help our efforts to be an active radio club!

ANNOUNCING SECOND ANNUAL CHERRYLAND ARC CHRISTMAS PARTY - Once again, we as club members, have the unique opportunity to celebrate Christmas, and share with one another Yuletide fellowship and pleasure! Edna Widman, WB8EYL has graciously offered her services again this year as the Chairperson for this gala event. If you were among the 48 fortunate people who attended last year's party, you know it was a resounding success! The food was fantastic, the drinks intoxicatingly superb, and the comradeship wonderful! Here are the particulars for this year's party: (1) When: Monday, December 16, 1974 (2) Where: Traverse City Elks Club (3) Time: 6:30 to 7:30 PM Social Hour, and Dinner at 7:30 PM. (4) Menu: Bar-B-Qued Ribs, Baked Potatoes, Relish Tray, Tossed Salad, Rolls, Butter, coffee, and Cherry Pie. Now comes the unbelievable part: (5) Cost: \$4.25 per person, this includes Tip and Service. Please confirm reservations with Edna (Phone: 947-9160) no later than December 11, 1974. Guests are welcome, but Edna does have to know how many are planning to attend, so that everyone has enough to eat! Edna also has some cute ditties under construction, and a few other ideas on tap, so don't miss this affair! As my eating partner Mary WB8SNP can attest, we had all we could eat last year, and it was out of this world. Save me the seat next to you again this year, Mary! Bill Martinek, W8JUY/W8BWWO/ZF1VM will present an program with talk and slides from his recent DX-pedition to ZF-Land. Be sure to let Edna know before the 11th of December!

We had a very satisfactory Boy Scouts of America Jamboree-On-The-Air operation over the weekend of 19-20 October at the NWM College Technical Center. Special "Thanks" go to Jack K8YZW for his co-operation with the college, Ed K8CWR for setting up the arrangements with the Boy Scout Council, and to John W8BUB, Bill W8JUY, Frank W8TVQ, Ken, W8QKP, Wells W8GI, Ed K8CWR, and Jerry K8YVU for their help in setting up the three stations and operating them. The effort was well worth the time, and I'm sure several new OMs were introduced to Ham Radio through our efforts. Frank W8TVQ and myself also attended the Scenic Trails Council of BSA Fall Camporee on the weekend of 11-13 October at Kalkaskas, and operated Frank's two rigs from his Camper to show the boys a little preliminary peek at Amateur Radio before the Jamboree. All-in-all, these two operations were highly successful, and gave much needed PR to our club. Thanks again fellows for a job well done!

Debbie and John K8DVV Binsfeld have a new operator at their house! Rebecca Sue was born on September 24, 1974 at 2:28 PM, and John is needless to say "proud as a peacock". He has something else however, that must share his pride, a nice new Rhombic antenna with 560' legs for 75M DX Chasing. John says it works great out to the South Pacific Area, but is rather disappointing with its performance in the European Direction. Such is life, John Old Buddy!:

Ed Chapman K8CWR, has a very unique and interesting antenna tower. We spent one Sunday afternoon recently installing a new Ham-M Rotor, Hy-Gain Balun, and tuning up his Hy-Gain TH6DX Tri-bander. The tower raise-lower mechanism is a mechanical marvel, and is a joy to use. It is definitely not a job for the real weak shouldered types, but Ed managed, and now Ed can spend the long, cold winter nights chatting over his wireless set! I sure wish I had a setup like Ed's!

Every once in a while we all have a truly memorable QSO that makes several thousand commonplace DX type QSOs all seem worth the effort. Such is one that I had on October 28, 1974 with Will Pounds HC1WP on 28.7 MHz. This qso lasted for nearly an hour and I would like to convey to you some of the highlights of our conversation. Will is an announcer with Radio Station HCJB, helping to tell the world about the Gospel of Jesus Christ. After graduating from the Seminary in New Orleans, La., he took employment in various places, which included the Canal Zone and the call KZ5WP. He finally ended up at Quito, Equador as HC1WP. His home call is still WA5ZQO, but he hopes that HC1-Land will be his home for many years to come. Will says that the spirit and co-operation at HCJB are truly outstanding, and that he enjoys his work to the fullest extent. Will's XYL is Ann, and she is 2nd OP for HC1WP. She teaches English at the Christian Missionary Alliance Academy in Quito, but manages to put most of the considerable mileage on the Ham gear at HC1WP! They have two little daughters, Paula 4, and Jane 2. (Continued on Page 3)

HCJB has always been a leader in the development of high power transmitting equipment and antennas. Will related a comprehensive history outline of HCJB that was truly facinating. HCJB started transmission on Christmas Day, 1931 in an old Sheepshed located in a cabbage patch near Quito, Equador. Will said, "What is a more fitting place than a sheepshed for the birth of HCJB, whose mission is to spread the Story of Christ Jesus to the world? Christ Himself was also born in a sheepshed!" The station was originally a 250W rig, but in the Mid-40s graduated to a 10KW transmitter, in the Mid-50s to a 50KW rig, then in 1960 to their present configuration of three RCA 100KW Phase Modulated jobs, and five 50KW HCJB designed and built rigs. The RCA transmitters are a true "pain in the neck" for the HCJB engineers, and they by far prefer their own designed rigs. They are now working on the design and construction of an HC-500 version utilizing huge Eimac-Varian Power Tubes. This rig will be capable of 600KW output peak, and will run indefinitely at the 250-500KW level.

Clarence Moore K9LZX designed the now familiar Cubical Quad Antenna, while an engineer at HCJB. This antenna helped to cure the Corona Arc problem that plagued the Yagi type antennas previously used in the low oxygen atmosphere at Quito, Equador. Bill Orr gives a complete treatise on the Quad Antenna in his ANTENNA HANDBOOK. HCJB has 26 towers supporting 22 different antennas for all the bands they operate. These towers range in height from 116 to 310 feet, and are used as supports for wire types antennas, some of which give 200 times power gain! The most impressive to me is an array that consists of four bays of Quads with six elements in each bay. I'll bet that a 24 element Quad for 13 Meters is a monstrous antenna, to say the least!

HCJB's signals are beamed to 85% of the world's land mass and at least 150 nations. Its voice is heard in 19 languages, with the English language comprising about 22 hours weekly.

HCJB has its own Power Generating Plant located high up in the Andes, on the South American Continental Divide, at the headwaters of the mighty Amazon. It power transmission lines traverse altitudes over 14,000 above sea level, and are the world's loftiest. I'll also wager that it takes a whole group of power to run HCJB!

This QSO exemplifies true Ham and Christian Fellowship, and I wish to sincerely thank Will for his true patience and understanding that made this article possible. I would also like to thank the other fellow hams that waited the whole duration before they deluged Will in the DX-pileup!

If you are interested in acquiring more information about HCJB you may write to: World Radio Missionary Fellowship, Op-Locka P.O. Box 691, Miami, Fla. 33054. Just request a copy of The LOG , and they will be happy to oblige you. Thanks again, Will for everything!

It is with sadness I report the death of the mother of one of our fellow hams. I know that the Cherryland ARC expresses their condolences to the family of Ike Hagen W8GVS for the loss of their Mother.

Well, I'm out of things to say. This ends the November issue of Cherry Juice. A little support in the form of news items would be most appreciated. I'll be down in Alabammy when you read this, till about the middle of December. I should be readable on 7230 KHz at 1000 EST on Saturday mornings. I'd sure like to hear from some of you on good old 40 meters! Very Best 73, and a Happy Thanksgiving de,

Terry
WB8PLQ/4
Maxwell AFB, Alabama

This space is reserved for the article that you never sent me. It is your own ---- fault it is such a dumb article!

T. WOLFLEY WBSPLQ
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