



# THE OHM TOWN NEWS

THE OFFICIAL NEWSLETTER OF THE  
BRIDGERLAND AMATEUR RADIO CLUB

December 1997 Vol VII No X

## THE PRESIDENT ELECT'S CORNER

By Farrell Garr, KC7CWX



I JUST WANTED TO TAKE THIS OPPORTUNITY TO THANK EVERYONE FOR THEIR SUPPORT IN ELECTING ME AS THE NEW B.A.R.C. CLUB PRESIDENT FOR 1998. I WILL DO MY VERY BEST TO FURTHER THE PROGRAMS AND INTERESTS OF THE CLUB DURING THIS NEXT YEAR. WE HAVE MANY IDEAS ON TAP AND WILL DISCUSS THEM AT THE CLUB MEETINGS THIS UPCOMING YEAR. DON'T FORGET THE CLUB CHRISTMAS PARTY AT JUNIPER INN ON THE 11<sup>TH</sup> OF DECEMBER AT 6:00PM. SEE YOU THERE. Ω



## THE VICE-PRESIDENT ELECT'S CORNER

By Don Rawlinson, WA7VNQ

THANK YOU FOR YOUR VOTES OF CONFIDENCE IN ME. I WILL ASSIST FARRELL AND EACH ONE OF YOU IN THE TASKS AT HAND IN MAKING THIS IS GREATEST YEAR YET FOR THE CLUB. Ω



## HAM PROFILE

By Farrell Garr, KC7CWX

SINCE WE ARE IN-BETWEEN HAM PROFILE EDITORS, I THOUGHT I WOULD TAKE ON THIS CHALLENGE JUST ONCE (YOU KNOW - SO I CAN BE ROUNDED OUT). I DECIDED TO DO THIS MONTH'S PROFILE ON OUR NEWSLETTER EDITOR DAVE FORNEFELD, KC7UYJ.

DAVE WAS BORN IN COVINGTON, KENTUCKY. HE ATTENDED THE ELEMENTARY SCHOOL THERE UNTIL HIS FAMILY MOVED TO YORBA LINDA, CALIFORNIA WHERE HE ATTENDED GRADES 3 - 8. IN 1973 HE MOVED TO PHOENIX, ARIZONA AND COMPLETED HIGH SCHOOL AND TWO YEARS OF COLLEGE MAJORING IN POLICE SCIENCE. DAVE MET HIS WIFE JUDI IN 1977. AT THAT TIME SHE WAS A DISPATCHER FOR ONE OF THE LAW ENFORCEMENT AGENCIES THERE. THEY WERE

MARRIED IN JANUARY 1978. HE HAS TWO CHILDREN, ROBERT (18) WHO IS CURRENTLY STUDYING FOR HIS TECH OR TECH+ LICENSE, AND SHANNON (14). IN MAY 1978, HE MOVED TO LOGAN, UTAH TAKING A POSITION WITH THE LOGAN CITY STREET DEPARTMENT WHILE WAITING FOR AN OPENING WITH THE LOGAN CITY POLICE DEPARTMENT OR THE CACHE COUNTY SHERIFF'S OFFICE. IN APRIL 1979, THE SHERIFF'S OFFICE CAME THROUGH GIVING DAVE HIS FIRST ASSIGNMENT AS A CORRECTIONS OFFICER (JAILER). IN NOVEMBER 1979 HE WAS ASSIGNED TO THE CRIMINAL PATROL DIVISION WITH A SPECIALTY IN VEHICLE & AIRCRAFT ACCIDENT INVESTIGATIONS. DAVE OBTAINED HIS PILOT'S LICENSE IN 1981 AND AN INSTRUCTOR RATING IN 1983. HE STARTED AND RAN A PILOT TRAINING SCHOOL FOR MOUNTAIN AIR AVIATION. IN 1986, DAVE MOVED BACK TO SCOTTSDALE, ARIZONA TO FINISH WHAT SCHOOLING HE HAD DONE AT UTAH STATE UNIVERSITY IN INSTRUCTOR DEVELOPMENT. HE CHANGED HIS MAJOR AGAIN AND GRADUATED WITH A DEGREE IN ACCOUNTING.



THIS IS THE ONLY FAIRLY CURRENT PHOTO OF DAVE. HE DOESN'T LIKE TO BE IN FRONT OF CAMERAS.

**1997 B.A.R.C. OFFICERS**

PRESIDENT	<i>DAVE FULLMER, N7RRZ</i> HOME: 753-2685 CELLULAR: 770-1059 E-MAIL: DAVEF@CCSD.CACHE.K12.UT.US
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BOARD MBR	<i>KEVIN REEVE, N7RXE</i> HOME: 753-1645 WORK: 797-1013 OR 0783-VOICE MAIL E-MAIL: KEVREE@MDLS.USU.EDU

OLYMPICS AND THE 1987 AMERICA'S CUP COMPETITIONS. HE SAID THAT DURING THE AMERICA'S CUP COMPETITIONS, THEY ALL EARNED THEIR PAY BECAUSE THEY HAD TO HANDLE THEIR SHIPS ON 15 FOOT SEAS FOR 10 HOURS A DAY. "YOU WERE TOTALLY EXHAUSTED AT THE END OF THE DAY." ONE OF DAVE'S MANY HOBBIES IS METEOROLOGY. HE RECEIVED SPECIAL TRAINING IN THIS FIELD AND OBTAINED HIS WEATHER SPECIALIST RATING AS WELL AS A RATING IN MARINE RADIO COMMUNICATIONS. THIS, ALONG WITH HIS DAD'S (KC7EWF) STUDY AND LICENSURE IN HAM RADIO PROMPTED DAVE TO INVESTIGATE HAM RADIO. DAVE MOVED BACK TO SMITHFIELD IN JULY 1994 TAKING A POSITION WITH ROBERT SAXTON ASSOCIATED ENTERPRISES, INC. IN SMITHFIELD AS THE CONTROLLER AND PROPERTY MANAGER FOR TWO CORPORATIONS AND TWO LLC'S. DAVE IS ALSO CURRENTLY A STAKE MISSIONARY FOR THE LDS CHURCH. HE ENJOYS COMBAT PISTOL SHOOTING COMPETITION AND FENCING (WITH SWORDS). HE EARNED HIS HAM LICENSE IN 1997 TAKING THE TEST IN BRIGHAM CITY. HE SAYS HE REMEMBERS WATCHING KC7UYH, (KK7GI WAS THERE ALSO), KC7UYU, AND KC7UYW BEING ADVISED THEY PASSED THE TEST WHILE HE WAITED FOR HIS RESULTS. HE SAID IT WAS A THRILL TO SEE THEIR EXCITEMENT WHEN THEY FOUND OUT (AND WHEN HE DID ALSO). HE HAS ENJOYED THE FRIENDS HE HAS MADE IN THE CLUB IMMENSELY AND IS LOOKING FORWARD TO MAKING MORE. HE IS INTERESTED IN LEARNING PACKET RADIO AND GETTING HIS GENERAL LICENSE AS WELL. DAVE IS ALSO A MEMBER OF UTAH R.A.C.E.S., AND IS THE E.R.R.S. SPECIALIST FOR THE SMITHFIELD 8<sup>TH</sup> WARD. HE IS LOOKING FORWARD TO JOINING UP WITH THE AREA A.R.E.S. SOON. Ω



**HAM PROFILE continued...**

DAVE HOOKED UP WITH THE COAST GUARD AS AN AUXILIARIST IN 1983. WHILE IN ARIZONA, HE WAS INVOLVED IN ALL ASPECTS PERTAINING TO PUBLIC BOATING SAFETY SUCH AS SAFETY AND REGATTA PATROLS, MARINE VESSEL INSPECTIONS, PUBLIC EDUCATION, AND THE COAST GUARD AIR OPERATIONS PROGRAM AS WELL AS BEING THE UNIT COMMANDER FROM 1986 TO 1988. THE HIGHLIGHT OF HIS CAREER WAS BEING ASSIGNED TO "CHECKPOINT DELTA" FOR AREA SECURITY DURING THE 1984

**LETTERS TO THE EDITOR**

PLEASE SEND LETTERS TO:

LETTERS TO THE EDITOR  
C/O THE OHM TOWN NEWS  
P.O. Box 111  
PROVIDENCE, UT 84332



**1997 B.A.R.C. COMMITTEE**

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COORDINATOR	HOME: 563-8467
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VE TESTING	<i>PAUL HANSEN, WO7N</i> HOME: 753-4843

OF THE AC70 REPEATER YOUR YEARLY FEE IS DUE BY 01 JANUARY 1998. IF YOUR FEE IS NOT RECEIVED BY 01 MARCH 1998 YOUR SLOT NUMBER WILL BE CLOSED. FEES CAN BE PAID TO ANY B.A.R.C. OFFICER OR SENT TO - B.A.R.C. REPEATER SYSTEM, P.O. BOX 111, PROVIDENCE UTAH 84332. MAKE IT PAYABLE TO THE B.A.R.C. REPEATER FUND. IF YOU ARE NEW TO THE CLUB AND WOULD LIKE TO BECOME AN ACTIVE MEMBER TO THE AC70 SYSTEM A ONE TIME \$25.00 ACTIVATION FEE IS REQUIRED AND A \$10.00 YEARLY FEE WILL KEEP IT ACTIVE. ANY



AMOUNT ABOVE THE MINIMUM FEE WOULD BE GREATLY APPRECIATED AND PUT TO GOOD USE ON THE SYSTEM. THE FOLLOWING INFORMATION NEEDS TO BE INCLUDED WITH YOUR FEE: YOUR NAME, YOUR CALL, A PHONE NUMBER OR ADDRESS THAT I CAN CONTACT YOU AT, AND PHONE NUMBER FOR YOUR AUTODIAL SLOT (OPTIONAL- NOT NEEDED IF YOU DON'T WANT IT). LOCAL NUMBERS ONLY PLEASE. THE ACCESS SLOT IS THE SAME NUMBER AS YOUR AUTOPATCH SLOT NUMBER. A PASSWORD 1 TO 8 DIGITS CAN BE INCLUDED (OPTIONAL-THIS IS FOR YOUR SLOT PROTECTION). THIS INFORMATION CAN BE E-MAILED TO ME BY SENDING IT TO TLZOLLINGER@MAE.USU.EDU. WE ARE LOOKING FORWARD TO THE NEW AND EXCITING CHANGES ON THE AC70 SYSTEM AND HOPE YOU'LL BE PART OF THEM. I WILL BE WAITING TO HEAR FROM YOU. I REALIZE THAT THERE WILL BE QUESTIONS AND WILL DO MY BEST TO ANSWER THEM AT THE JANUARY 1998 CLUB MEETING. TERRY ZOLLINGER, N7PEG ON BEHALF OF THE B.A.R.C. REPEATER COMMITTEE. Q

**FEATURE ARTICLE**

*By Terry Zollinger, N7PEG*

LOOK FOR UP COMING CHANGES ON THE AC70 REPEATER SYSTEM. ON 30 JANUARY 1998 THE AUTOPATCH WILL BE CLOSED ALONG WITH THE OTHER COMMANDS. THOSE WHO HAVE PAID INTO THE REPEATER FUND WILL HAVE ACCESS TO THE AUTOPATCH AND OTHER SPECIAL FEATURES. WE HOPE TO ENHANCE THE VALUE OF YOUR FEE AND TO ENCOURAGE OTHERS TO HELP FUND OUR WONDERFUL SYSTEM FOR FURTHER MAINTENANCE AND UPGRADES. WE APPRECIATE YOUR CONTINUING SUPPORT OF THE AC70 REPEATER. IF YOU HAVE BEEN A SUPPORTER



## CACHE VALLEY EMERGENCY AMATEUR RADIO COMMITTEE

SUNDAY NIGHT 9:00 PM NET ON 146.72 REPEATER

COORDINATOR:	<i>JODY REESE, KC7CVI</i>
MARA	HOME: 750-0389
RED CROSS	CELLULAR: 757-5654
	PAGER: 219-0932
MEMBERS:	<i>BRIAN POTTS, KB7FUB</i>
SHERIFF	HOME: 563-6467
RACES	<i>KEVIN REEVE, N7RXE</i>
	HOME: 753-1645
RED CROSS	<i>CRAIG REESE, KC7MCO</i>
	HOME: 258-3778
MARA	<i>BRIAN WESTFALL, K7KI</i>
	HOME: 753-1929
ERRS NORTH	<i>NATE RICKS, AB7GO</i>
	HOME: 563-8470
ERRS SOUTH	<i>CARL REID, KB7ZOP</i>
	HOME: 753-8071
MARA	<i>TREVOR O'DONNAN, KK7GI</i>
	HOME: 787-2646




FUN BUT IT TAKES PATIENCE BECAUSE THERE ARE NOT A LOT OF PEOPLE CONTESTING AROUND HERE. I HOPE THIS WILL CHANGE. THIS CAN BE A GREAT CHANCE TO SEE HOW FAR YOUR RADIO CAN REACH. IT IS A LOT OF FUN TO MAKE A CONTACT AND TO TALK TO SOMEONE YOU NEVER THOUGHT YOU COULD REACH. YOU ARE COMPETING FOR POINTS. THE NUMBER OF POINTS YOU GET IS FIGURED OUT BY MULTIPLYING THE NUMBER OF CONTACTS YOU MAKE ON THAT BAND BY THE POINTS YOU GET FOR EACH CONTACT ON THAT BAND AND THEN YOU MULTIPLY THAT BY THE NUMBER OF DIFFERENT GRID SQUARES YOU CONTACT. YOU DO THIS FOR ALL THE BANDS YOU MADE CONTACTS ON AND THEN ADD IT ALL UP. FOR EXAMPLE LET'S SAY YOU MADE 4 CONTACTS ON 2 METERS AND CONTACTED 3 GRID SQUARES PLUS YOU MADE 9 CONTACTS ON 70 CM AND CONTACTED 5 GRID SQUARES. THIS IS WHAT IT WOULD BE LIKE IF YOU FIGURED IT OUT ON PAPER,  $(4(\text{THE NUMBER OF CONTACTS ON 2 METERS}) \times 1 (\text{THE NUMBER OF POINTS PER CONTACT}) \times 3 (\text{THE NUMBER OF GRID SQUARES CONTACTED})) + (9 (\text{THE NUMBER OF CONTACTS ON 70 CM}) \times 2 (\text{THE NUMBER OF POINTS PER CONTACT}) \times 5 (\text{THE NUMBER OF GRID SQUARES CONTACTED})) = 102$  (TOTAL POINTS FOR THE CONTEST). THIS IS ALSO EXPLAINED IN THE RULES AND REGULATIONS. ALL OF CACHE VALLEY SOUTH OF THE IDAHO BORDER IS IN THE GRID SQUARE DN41. AT [WWW.ARRL.ORG/LOCATE/LOCATE.HTML](http://WWW.ARRL.ORG/LOCATE/LOCATE.HTML) THERE IS A PAGE THAT WILL TELL YOU WHAT GRID SQUARE YOU ARE IN IF YOU TELL IT WHAT CITY OR TOWN AND STATE YOU ARE IN. THE QRZ HOME PAGE WILL TELL YOU THE GRID SQUARE OF THE CENTER OF YOUR ZIP CODE, BUT BE CAREFUL IF YOU ARE NEAR THE DIVIDING LINE BETWEEN TWO OR MORE GRID SQUARES; THE GRID SQUARE YOU GET MIGHT NOT BE RIGHT. YOU CAN ALSO FIND A MAP SHOWING THE VARIOUS GRID SQUARES OVERLAID ON THE US IN THE 1995 ARRL HANDBOOK FOR RADIO AMATEURS IN THE REFERENCES CHAPTER. YOU CAN GET IT FROM THE ARRL ALSO. THE RULES AND REGULATIONS ARE IN THREE PARTS BECAUSE THE ARRL ARE TRYING TO SIMPLIFY THINGS. YOU WILL

### EDITOR'S NOTE

By Dave Fornefeld, KC7UYJ

I WANT TO THANK EVERYONE FOR THE NICE COMMENTS AND SUGGESTIONS ON THE NEWSLETTER. IT HELPS TO KNOW WHAT I CAN DO TO MAKE IT THE BEST I CAN. I CAN'T DO IT WITHOUT THE HELP AND ARTICLES FROM EACH OF YOU.

PLEASE CONTRIBUTE TO THE REPEATER FUND AS GENEROUSLY AS YOU CAN. THERE IS NO QUESTION, IN MY OPINION, THAT WE HAVE THE BEST SYSTEM AROUND AND KEEPS GETTING BETTER. HOWEVER, IT ISN'T CHEAP TO KEEP UP AND OPERATE. 



### ANNOUNCEMENTS & UPCOMING EVENTS

THE DECEMBER 1997 CLUB MEETING WILL BE HELD AT JUNIPER INN IN HYDE PARK ON 11 DECEMBER AT 1830. THERE WILL BE VOTING ON ITEMS OF BUSINESS THAT WILL AFFECT THE CLUB. REMEMBER, 1998 MEMBERSHIP FEES ARE DUE THIS MONTH.

THE JANUARY VHF SWEEPSTAKES IS COMING UP. I ENCOURAGE YOU TO GIVE CONTESTING A TRY. ALL YOU NEED IS A RADIO AND AN ANTENNA. IT CAN BE A LOT OF

NEED THE CONTEST RULES, THE GENERAL RULES, AND THE VHF RULES. IF THE RULES AREN'T IN THE OHM TOWN NEWS, THEN YOU CAN FIND THEM AT THE AMERICAN RADIO RELAY LEAGUE HOME PAGE AT [WWW.ARRL.ORG/CONTESTS/ANNOUNCEMENTS/98/01VHFSS.HTML](http://WWW.ARRL.ORG/CONTESTS/ANNOUNCEMENTS/98/01VHFSS.HTML). ALSO CLICK ON THE LINKS "GENERAL RULES" AND "VHF RULES" TO GET THEM. THEY CAN ALSO BE FOUND IN THE 1997 DECEMBER ISSUE OF QST PAGES 100-104. YOU CAN FIND QST ISSUES AT THE SCIENCE AND TECHNOLOGY LIBRARY AT UTAH STATE UNIVERSITY, THEY GO FROM THE CURRENT ISSUE TO PROBABLY THE FIRST ISSUE EVER PUBLISHED. YOU CAN USE ANY MODE NOT PROHIBITED BY THE CONTEST RULES AND REGULATIONS. I ENCOURAGE THOSE OF YOU WITH ATV CAPABILITY TO TRY CONTESTING WITH THAT MODE JUST FOR THE HECK OF IT. YOU CAN'T USE THE 2 METER SIMPLEX CALLING CHANNEL (146.520) OR ADJACENT GUARD CHANNELS (EG. 146.53, 146.51). YOU CAN USE ANY OTHER CALLING CHANNEL ON ANY BAND (EG. 144.200 THE 2 METER SSB CALLING CHANNEL, 446 THE 70CM SIMPLEX CALLING CHANNEL). IF YOU HAVE A DUAL BAND RADIO WHEN YOU CONTACT SOMEONE (ON 2 METERS FOR EXAMPLE) ASK THEM IF THEY WILL CONTACT YOU ON THE OTHER BAND (70 CM (440MHZ) FOR EXAMPLE) AND YOU WILL HAVE TWO CONTACTS YOU CAN GET CREDIT FOR. I WILL BE ON 2 METERS SIMPLEX AND SSB, AND 70CM SIMPLEX AND SSB. SOME GOOD SIMPLEX FREQUENCIES THAT I KNOW OF ARE 146.54, 146.58, AND 446 MEGAHERTZ. IF YOU HAVE ANY QUESTIONS YOU CAN EMAIL ME AT [SCHICKER@DIGITALPLA.NET](mailto:SCHICKER@DIGITALPLA.NET), CALL ME AFTER THE TUESDAY NIGHT NET (ON 146.72 -, AT 9:00PM), OR AT 435-245-4983. IF YOU GET THE ANSWERING MACHINE JUST LEAVE A MESSAGE GIVING YOUR QUESTION, HOW TO REACH YOU, WHEN TO REACH YOU (WHAT TIME), AND WHO YOU ARE. I WILL GET BACK TO YOU. 73, ISAAC KC7OLP. Q

*DUE TO SPACE CONSTRAINTS THE RULES AND REGULATIONS WERE TOO EXTENSIVE TO PRINT IN THE NEWSLETTER. PLEASE LOOK IN THE QST FOR A COMPLETE LISTING OF RULES. ED.*



**MERRY  
CHRISTMAS**

**FOR SALE OR TRADE  
& ITEMS WANTED**

**LOCAL NET SCHEDULES & CLUB MEETINGS**

SUN:	9:00PM	CACHE VALLEY EARN	146.72-
TUE:	8:00PM	SL VALLEY SWAP NET	146.94-
	8:00PM	VHF SWAP NET	146.94-
	9:00PM	B.A.R.C. NET	146.72-
B.A.R.C. MEETING AT HYDE PARK CITY OFFICE BUILDING BASEMENT ON THE 2ND THURSDAY OF THE MONTH AT 7:30PM.			

