

COCONINO COUNTY AMATEUR RADIO CLUB
1984 NEWSLETTER

THE NEXT SCHEDULED MEETING OF THE CCARC WILL BE HELD FRIDAY, JULY 6, 1984 AT 7:00 PM AT THE FLAGSTAFF ADULT CENTER. WA7NXL WILL GIVE A PROGRAM ON DX QSLING AND CW DXING

OFFICERS:

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DE N7FU: FIELD DAY WENT QUITE WELL THIS YEAR DESPITE THE USUAL APPEARANCE OF "MURPHY". THIS TIME "MURPHY" APPEARED IN THE FORM OF TRUCKS NOT PASSING THE FOREST SERVICE INSPECTIONS. WE HAD ONE ANTENNA THAT WAS SORT OF A LOSER WHICH RESULTED IN A HASTY REDESIGN BY N7FU AND KR7Y. A VERY NICE MEAL WAS PROVIDED SATURDAY NIGHT THROUGH THE EFFORTS OF WA7NXL AND HIS XYL. THE NOVICE STATION WAS QUITE ACTIVE THIS YEAR DUE TO THE EFFORTS OF CHRIS GILBERT, KA7TAZ, AND OTHERS CONNECTED WITH THE NOVICE OPERATION. THE FOLLOWING PARTICIPATED IN THE FIELD DAY EFFORT.

W7YS, WA7NXL, NG7S, KA7PZL, WA7LTH, KA7TDH, KA7SNR, N7CEE, N7CXF, WB7EIJ, KA7TAZ, KA7SZV, N7FU, WA7CJO, K7PLR, KR7Y, KA7TBV, AND N7EDV.

THE CW STATION MADE APPROXIMATELY 480 CONTACTS AND THE PHONE STATION RAN APPROXIMATELY 250 CONTACTS. THE PHONE STATION WAS DOWN BECAUSE MOST PEOPLE WANTED TO OPERATE CW THIS YEAR. I WOULD LIKE TO THANK ALL WHO PARTICIPATED IN THIS YEAR'S FIELD DAY.

IT IS WITH A SAD HEART THAT I MUST REPORT THE PASSING OF ONE OF OUR FIELD DAY PARTICIPANTS. JIM SMITH, K7PLR, BECAME A SILENT KEY ON MONDAY JUNE 25. HE WAS A GOOD FRIEND OF MINE FOR SOME 25 YEARS. DURING HIS RADIO CAREER, HE GAVE MUCH OF HIMSELF AND ASKED LITTLE OF OTHERS. HE WILL BE MISSED. 73S JIM.

AFTER THE LAST REPEATER DISASTER, I SPENT SOME NIGHTS IN MY SHOP AND FINALLY TRACKED DOWN WHAT WAS AILING THE REPEATER IDER. THE PROBLEM WAS TRACED TO AN OPEN DIODE WHICH WOULD NOT ALLOW THE COUNTER WHICH CONTROLLED THE ROM TO BE ENABLED. I HOPE TO HAVE ANOTHER REPEATER PARTY IN THE NEAR FUTURE AND WILL BE LOOKING FOR SOME PEOPLE TO GO UP WITH ME. I WOULD LIKE TO THANK WA7LTH FOR THE LOAN OF HIS OSCILLOSCOPE WHICH AIDED GREATLY IN THE TRACING OF THE PROBLEM.

AS A RESULT OF THE LAST FCC EXAM, THE FOLLOWING PEOPLE HAVE CHANGED THEIR IDENTITIES SOMEWHAT, N7CEE TO ADVANCED, KA7TDH TO TECHNICIAN, KA7SNR TO

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ADVANCED, WA7FAY TO ADVANCED, AND KA7PZL TO TECHNICIAN. CONGRATULATIONS TO ALL OF YOU FOR THE FOR UPGRADING.

FROM THE AD

LIKE MOST THINGS IN LIFE, THE RESULTS AND SATISFACTION YOU GET IN AMATEUR RADIO IS DIRECTLY PROPORTIONAL TO WHAT YOU PUT IN. THE PROFICIENT DID NOT BECOME THAT WAY BECAUSE OF NATURAL ABILITY OR TALENT. OBSERVATION AT FIELD DAY INDICATED THAT SOME OPERATORS LEARNED MORE ABOUT OPERATING DURING A FEW HOURS AT THE KEY OR MIKE THAN THEY DID BY MANY (?) HOURS OF "READING THE MAIL" OR LISTENING TO TAPES. TRYING TO BRING UP CODE SPEED BY THE TAPE METHOD IS GREAT IF YOU PLAY THE TAPE ONCE AND THROW IT AWAY. THE ONLY WAY IS THROUGH TIME ON THE AIR. ONE OF THE MAIN THINGS A HAM SHOULD HAVE IS A GOAL BUT - BY SETTING A SPECIFIC GOAL, SUCH AS REACHING A SPECIFIC CODE SPEED BY COPYING ONE OF THE SEVERAL STATIONS THAT SEND CODE PRACTICE. YOU SHOULD SAY TO YOURSELF THAT " IN TEN DAYS, I WILL BE COPYING TEN WPM; IN T N DAYS, I WILL BE COPYING FIFTEEN WPM; AND SO ON". ALWAYS TRYING TO COPY AT A HIGHER SPEED THAN THE SPEED AT WHICH YOU GET SOLID COPY IS A GOOD WAY TO GO. SET YOUR SIGHTS ON A WAS, WAC, AND PARTICIPATE IN AN OPERATING ACTIVITY SUCH AS FD, SS, TEN METER CONTEST ETC. IF YOU HAVE A LICENSE BUT CANNOT GET ON THE AIR , OR ARE OFF DUE TO A LACK OF EQUIPMENT, OR YOU NEED ENCOURAGEMENT PLEASE LET YOU CLUB OFFICERS KNOW. THEY WILL BE HAPPY TO ARRANGE FOR A "PARTNER" WHO WILL INVITE YOU TO HIS SHACK WHERE YOU CAN OPERATE. MANY THANKS TO ALL THE GUYS AND GALS WHO MADE FIELD DAY POSSIBLE.

73 BILL

FOR THOSE OF YOU THAT MIGHT BE INTERESTED IN LEARNING A LITTLE MORE ABOUT DIGITAL LOGIC, THE FOLLOWING TWO BOOKS MIGHT BE OF INTEREST TO YOU. THE FIRST IS THE TTL COOKBOOK BY DON LANCASTER. THIS BOOK DEALS WITH THE INS AND OUTS OF OF THE TTL FAMILY OF CHIPS. LANCASTER PRESENTS SOME OF THE DO'S AND DON'TS CONCERNING CIRCUIT FABRICATION USING THIS FAMILY OF CHIPS. THE AUTHOR ALSO HAS A PRACTICAL SECTION ON LOGIC IN THIS BOOK. THE SECOND BOOK IS THE CMOS COOK BOOK BY THE SAME AUTHOR. THIS BOOK IS CONCERNED WITH THE CMOS FAMILY OF CHIPS. IT HAS THE SAME FORMAT AS THE TTL BOOK BUT IN ADDITION, DEALS WITH SOME OP AMP CIRCUITS AND THE 4046 PHASE LOCK LOOP. BE PREPARED TO DO SOME THINKING WITH THESE BOOKS. ALSO THE USE OF A SOLDERLESS BREADBOARD IS RECOMMENDED. DON LANCASTER GIVES A LOT OF PRACTICAL THEORY BUT YOU HAVE TO FILL IN THE DETAILS. HOWEVER THE EFFORT IS WELL WORTH IT

73 EDITOR