

OFFICIAL PUBLICATION

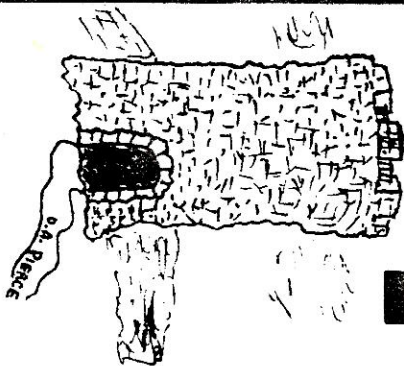
MERIDEN AMATEUR

RADIO CLUB inc.

MERIDEN CONN.

KEY

KLIX



> CASTLE CRAIG CHAPTER <  
 > 10/10 INTERNATIONAL <  
 28675 KHZ. 8:00PM TUESDAYS

MERIDEN AMATEUR RADIO CLUB, INC.  
 C/O ARS - KT1Y  
 28 ANTONIO AVE.  
 MERIDEN, CT 06450



FIRST CLASS

TO ARS - W1FD  
 FRANK DARMOFALSKI  
 66 HOURIGAN DRIVE  
 MERIDEN CT 06450

THE KEY KLIX IS PUBLISHED MONTHLY BY THE MERIDEN AMATEUR RADIO CLUB

CLUB OFFICERS:

PRESIDENT	AL BARON	KT1Y
VICE PRESIDENT	JOHN MULE	KA1JEJ
SECRETARY	DAVE BRISTOL	KS1K
TREASURER	KEITH MOORE	KA1FSO

STATION TRUSTEE      FRANK DARMOFALSKI      W1FD

STATION ACT. MGR.    AL KAISER                      NIAPI

EDITOR                      GARY POWELL                  KB1IZ

MEETINGS OF THE MERIDEN AMATEUR RADIO CLUB ARE HELD THE SECOND AND FOURTH THURSDAYS OF THE MONTH. ALL ARE WELCOME TO ATTEND

THE CLUB / CASTLE CRAIG 10-10 INT. NET IS HELD WEEKLY ON TUESDAY NIGHTS AT 8:00 PM LOCAL TIME (0100 Z WINTER / 0000 Z SUMMER) ON A FREQUENCY OF 28.675 MHZ. ALL AMATEURS ARE INVITED TO CHECK IN

SUBMISSION INFORMATION

ARTICLES ARE WELCOME FROM THE MEMBERSHIP. SHORT ARTICLES MAY BE HAND WRITTEN (LEGIBLY) AND I WILL TYPE. LONGER ARTICLES SHOULD BE TYPED SINGLE SPACED. BLACK AND WHITE PHOTOS ARE ACCEPTABLE BUT THOSE WITH LITTLE CONTRAST WILL NOT REPRODUCE WELL.

MARCH 1985

CONTENTS :

1. PRESIDENT'S SHACK
2. SOME THOUGHTS ON FIELD DAY
3. M.A.R.C. HISTORY
4. PACKET RADIO DEMO
5. TEN-TEN NEWS, F.Y.I., BANDAIDS
6. UPCOMING EVENTS
7. JUMBLES
8. CLASSIFIEDS

THE NEXT KEY-KLIX WILL BE MAILED ON OR ABOUT APRIL 6TH, AND THE DEADLINE FOR ARTICLES IS MARCH 30TH.

NEXT MEETINGS : BUSINESS MARCH 14 - ACTIVITY MARCH 28

LETTER FROM THE PRESIDENT'S SHACK

I WOULD LIKE TO WELCOME OUR NEWEST MEMBER CHERYL MOCK, KA1MRE TO THE CLUB. CHERYL JUST RECEIVED HER NOVICE LICENSE, AND IT WAS A SURPRISE FOR HER FATHER, CHARLIE KA1FG1.

I WANT TO THANK THOSE OF YOU WHO ATTENDED THE FEBRUARY ACTIVITY MEETING FOR THE GOOD TURNOUT. THE DEMONSTRATION OF PACKET RADIO BY JIM AHERNS WA1IXU WAS VERY INTERESTING. I'D LIKE TO THANK JIM FOR COMING DOWN FROM WOLCOTT TO GIVE THE DEMONSTRATION.

AS A LOT OF YOU KNOW THE WEEKEND OF MARCH 2 + 3 WAS THE ARRL INT. DX CONTEST. I HEARD MANY OF THE CLUBS MEMBERS PARTICIPATING AND WOULD LIKE TO ASK ANYONE WHO DID TO PLEASE SUBMIT YOUR LOG TO MYSELF. I WILL BE SENDING ALL OF THE LOGS TO THE ARRL SO THAT OUR CLUB GETS CREDIT FOR ALL POSSIBLE POINTS. THOSE STATIONS THAT I HEARD WERE : KS1L, K1WJL, KA1FSD, KA1JFJ, K1VDF, KA1JSA, AND KB1IZ.

HOPE TO SEE YOU ALL AT THE NEXT CLUB MEETING AND DON'T FORGET THE CLUB NET MEETS TUESDAYS AT 8:00 P.M. ON 28.675 MHZ.

73'S  
AL KT1Y

## SOME THOUGHTS ON FIELD DAY

AS YOU KNOW, DISCUSSION OF FIELD DAY WAS TABLED AT THE JANUARY MEETING TO ALLOW SOME TIME FOR THOUGHT. I WOULD LIKE TO PUT FORTH SOME QUESTIONS WHICH SHOULD BE ADDRESSED IN ORDER TO HAVE A FIELD DAY THAT SERVES THE WANTS OF THE MAJORITY OF THE MERIDEN AMATUER RADIO CLUB MEMBERSHIP.

WITH THE NUMBER OF MEMBERS THAT WE HAVE, IT SEEMS THE MOST LOGICAL ENTRY CLASS FOR US IS 1A (SINGLE TRANSMITTER/CLUB), ALTHOUGH 2A IS MORE FUN. COULD WE GATHER ENOUGH PEOPLE FOR 2A? SHOULD WE PROCEED AS A CONTEST OR JUST FOR FUN? A CONTEST TYPE OF FIELD DAY WOULD PROBABLY MEAN MOSTLY CW OPERATION.

IT'S BEEN SUGGESTED THAT WE ACTUALLY HAVE TWO FIELD DAY SETUPS; ONE FOR CONTESTING AND ONE FOR FUN. DOES THIS SOUND GOOD TO YOU ? DOES THAT MEAN THE CONTEST STATION GOES QRP, BATTERY, CW FOR THE MAXIMUM POINT ADVANTAGE? WHAT ABOUT THE FUN STATION ? ..... SSB ? ..... 200 WATTS ? MAYBE KW ? OF COURSE, THAT MEANS GENERATOR POWER. DOES THIS ALSO MEAN THE CONTEST STATION WOULD GET THE BEST EQUIPMENT AND ANTENNAS AND THE OTHER STATION THE LEFTOVERS ? WHAT ABOUT INTERFERENCE BETWEEN THE TWO STATIONS ? ... WOULD THE FUN STATION BE WILLING TO YIELD TO THE CONTEST STATION ?

THE WALLINGFORD AMATUER RADIO SOCIETY HAS SUGGESTED THAT PERHAPS WE JOIN FORCES WITH THEM FOR FIELD DAY, SINCE THEY HAVE HAD A DUAL F.D. (CONTEST AND FUN), BUT NOT ENOUGH BODIES TO MAKE EITHER EFFECTIVE. IF WE JOINED THEM FOR A COMBINED F.D. EFFORT, WHAT GROUP NAMES WOULD WE ENTER UNDER ? WOULD THIS BE THE FIRST YEAR THAT THE MARC NAME DID NOT APPEAR IN THE HIGH F.D. STANDINGS BECAUSE WE CHANGED OUR NAME ? OR PERHAPS, THE CONTEST STATION COULD ENTER UNDER THE MARC NAME, WHILE THE FUN STATION COULD USE THE WARS NAME ?

PLEASE REVIEW THESE QUESTIONS AND DECIDE WHAT TYPE OF FIELD DAY OPERATION YOU WOULD LIKE AND MAKE YOUR FEELINGS KNOWN ALONG WITH ANY OTHER QUESTIONS YOU MAY HAVE AT THE NEXT MEETING.

73'S  
BILL WIKKF

HISTORICAL MOMENTS OF THE M.A.R.C.

THE OLD AND ORIGINAL MERIDEN AMATUER RADIO CLUB WAS ORGANIZED SOME TIME AFTER WORLD WAR I BY MEMBERS OF THE OLD CONN. TELEPHONE AND ELECTRIC CO.. MEETINGS OF THE GROUP WERE HELD AT THE COMPANY FACILITIES ON BRITANIA STREET WHERE MANY WIRE ANTENNAS DECKED THE ROOFTOP. EXPERIMENTS AND COMMUNICATIONS WITH RECEIVERS AND TRANSMITTERS CONSTRUCTED BY THE CLUB MEMBERS LAID THE GROUNDWORK FOR AMATUER RADIO IN MERIDEN.

TODAY'S NEW MERIDEN AMATUER RADIO CLUB SPRANG UP IN THE FALL OF 1947 FOLLOWING A NEED OF THE AMATUER COMMUNITY FOR ORGANIZATION FOLLOWING THE SHUTDOWN OF HAM RADIO DURING THE WORLD WAR II YEARS.

IN RESPONSE TO A NEWSPAPER ARTICLE CALLING AREA RADIO AMATUERS TO A MEETING AT THE MERIDEN YMCA A SERIES OF INFORMAL MEETINGS WITH ABOUT TEN FORMED THE NUCLEUS OF THE PRESENT M.A.R.C.. SUBSEQUENT MEETINGS CULMINATED TO A FORMAL SLATE OF OFFICERS AND A CLUB NAME.

A SERIES OF ARTICLES TAKEN FROM EARLY MINUTES OF THE M.A.R.C. WILL BE PUBLISHED TO INFORM US OF HAPPENINGS DURING THE EARLY DAYS OF THE "FIRST 37 YEARS".

FEB 29, 1948.

AN ELECTION OF OFFICERS ( OF THE MERIDEN AMATUER RADIO CLUB) WAS HELD WITH THE FOLLOWING BEING ELECTED:

PRES.	FRANK DARMOFALSKI	- W1FYG
V.PRES.	HOWARD WESSENBERG	- W1HVF
SEC.	HERB ELLMERS	- W1QPD
TRES.	ED BISHERT	- W1NRG

ENTERTAINMENT - LARRY COOK, HOWARD WESSENBERG, ED MIERZ, LOUIS JACOBS.

EMERGENCY COORDINATOR - PAUL RETTENMEYER

CLUB DUES ARE TO BE PAID ON A MONTHLY BASIS IN ADVANCE AND ARE TO BE PAID IN BEFORE MEETING.

A PRIZE IS TO BE AWARDED TO THE MEMBER BRINGING IN THE MOST NEW MEMBERS WITHIN THE COMING TWO MONTHS. THE PRIZE IS TO BE " THE RADIO HANDBOOK".

JAMES WHITE W1PHW IS TO BE CODE INSTRUCTOR IN CODE CLASSES. 15 MEMBERS ATTENDING.

THE MEETING CLOSED AT 10 P.M. H. ELLMERS SEC.

NOTES: (W1FD) - DUES WERE 25 CENTS/MTH. THE ABOVE MEETING WAS FORMAL MEETING #6. 51% OF THE MEMBERS HAD TO BE LICENSED. SWL WERE ASSOC. MEMBERS ( NO VOTING PRIVILEGES AND COULD NOT HOLD OFFICE).

## PACKET RADIO DEMONSTRATION

AT OUR ACTIVITY MEETING ON FEBRUARY 28TH, WE WERE TREATED TO A DEMONSTRATION OF PACKET RADIO BY JIM AHERNS WA1IXU FROM WOLCOTT. JIM HAS BEEN ACTIVE WITH PACKET SINCE ABOUT NOVEMBER 1984, AND IN THAT TIME HAS SEEN THE NUMBER OF STATIONS IN OUR AREA INCREASE FROM ROUGHLY 30 TO OVER 50.

IN HIS PRESENTATION JIM FIRST EXPLAINED WHAT PACKET RADIO IS AND HOW IT WORKS. AFTER THE LECTURE JIM GAVE US A PRACTICAL DEMONSTRATION OF IT'S CAPABILITIES, AT TIMES USING UP TO FOUR OTHER STATIONS AS RELAY POINTS.

PACKET DIFFERS FROM RTTY IN THE WAY IT TRANSMITTS/RECEIVES DATA. IT ORGANIZES THE DATA INTO BLOCKS (PACKETS). THIS PACKET IS THEN SENT TO ANOTHER STATION. FULL ERROR CHECKING IS DONE TO ENSURE THAT NO DATA IS LOST DUE TO FADING, WHICH IS A CONCERN WHEN USING RTTY. IF AN ERROR IS DETECTED BY THE RECEIVING STATION, IT WILL REQUEST THE SENDING STATION TO RETRANSMIT THE BLOCK UNTIL IT IS RECEIVED 100%. THE DATA ITSELF IS TRANSMITTED IN ASCII, SO THOSE OF YOU THAT CAN RECEIVE ASCII CAN LISTEN IN ON PACKET TRANSMISSIONS.

THE BIGGEST DIFFERENCE BETWEEN PACKET AND RTTY THOUGH, IS THE ABILITY TO USE "ANY" OTHER PACKET STATION THAT IS ON THE AIR, AS A REPEATER. FOR EXAMPLE: STATION A WANTS TO TALK TO STATION B BUT THE TWO ARE SEPARATED BY A LARGE HILL, AND THEIR SIGNALS ARE TOO WEAK TO MAKE CONTACT. AS LONG AS THERE IS A STATION THAT BOTH CAN REACH, LETS SAY STATION C, THEN STATION A CAN SAY "CONNECT TO STATION B VIA STATION C". STATION C IS NOW A REPEATER FOR THE TWO STATIONS (A + B).

I THOUGHT THAT THE DEMONSTRATION WAS VERY INTERESTING AND HOPE THOSE OF YOU THAT ATTENDED ENJOYED IT ALSO. I WOULD LIKE TO THANK JIM ONCE AGAIN FOR TAKING THE TIME TO GIVE US THIS LOOK AT PACKET RADIO.

73'S  
GARY KB1IZ

TEN-TEN CHAPTER NEWS

WE HAVE RECEIVED ANOTHER QUOTE FOR THE PRINTING OF THE NEW 10-10 CERTIFICATE. THE PRICE IS MUCH BETTER THAN THE ONE RECEIVED EARLIER. IT WILL BE PRESENTED TO THE MEMBERSHIP AT THE UPCOMING BUSINESS MEETING.

F.Y.I.

RUBEN, KA1IXG, HAS TWO PROGRAMS FOR THE IBM PC. THEY ARE FOR BEAM HEADINGS AND DISTANCES, AND FOR GREYLINE PREDICTIONS. BOTH ARE AVAILABLE ON FLOPPY, OR ON PAPER IF YOU WISH TO TRY AND MODIFY IT FOR YOUR COMPUTER.

BANDAIDS

DO YOU HAVE ANY OPERATING TIPS THAT MIGHT BENEFIT OTHER CLUB MEMBERS ??? WE'D LIKE TO START A REGULAR COLUMN ON THIS. CONTACT RUBEN KA1IXG.

\*\*\*\*\*  
SPECIAL OPERATING EVENT \*  
\*\*\*\*\*

TERRY CLARK, WA1VUW, HAS BEEN INFORMED THAT DAVE G4UCD AND JOHN G4ZHG WILL BE OPERATING PORTABLE FROM THE ISLE OF MAN (GD) STARTING ON APRIL 11 OR 12 THROUGH APRIL 18 1985 VIA OSCAR 10 AND ALSO QRV THE RUSSIAN SATELITTES WHEN AVAILABLE.

\*\*\*\*\*

UPCOMING EVENTS FOR 1985

CLUB PARTICIPATION:

MARCH OF DIMES ROAD RACE - MARCH 30TH AT 9:00 A.M.  
FIELD DAY - JUNE  
HARVEST SQUARE FESTIVAL - FALL  
BOY SCOUT JAMBOREE ON THE AIR - FALL

OPERATING :

MARCH 11 - WIAW QUALIFYING RUN  
MARCH 30/31 - CQ WW WPX CONTEST - PHONE

MISCELLANEOUS :

\*\*\*\*\* H E L P - THE ENTERTAINMENT COMMITTEE IS LOOKING FOR PEOPLE THAT ARE INTERESTED IN HELPING ARRANGE SPEAKERS/DEMO'S FOR ACTIVITY MEETINGS. ANY VOLUNTEERS PLEASE CALL AL KT1Y OR JOHN KA1JFJ.

\*\*\*\*\* H E L P - WE NEED VOLUNTEERS TO HELP WITH THE MARCH 30 MARCH OF DIMES ROAD RACE. A HT/MOBILE RIG WOULD HELP BUT IF YOU DON'T HAVE ONE WE HAVE A FEW EXTRAS. CONTACT JOHN KA1JFJ.

\*\*\*\*\*  
W O R D J U M B L E S  
\*\*\*\*\*

ANSWERS TO LAST MONTH - YAGI, COUNTRY, SCOPE, DIODE, CHIP, DX

\*\*\*\*\*  
M A T C H - E M - U P  
\*\*\*\*\*

PREFIX	COUNTRY
ZM7	GUYANA
3A	CROZET
8R	BANGLADESH
S2	TOKELAU IS
JY	ICELAND
FB8W	JORDAN
TF	MONACO

\*\*\*\*\*  
\* CLASSIFIEDS \*\*\*\*\*  
\*\*\*\*\*

LET ME KNOW WHAT YOU HAVE FOR SALE OR WANT TO BUY

FOR SALE : VFD-520 WITH MANUAL  
CABLE AND DUST COVER.  
\$125.00

FLD KQ1Q

! FOR SALE : HY-GAIN 18AVT  
! 5-BAND VERTICAL.  
! TWO YEARS OF GOOD  
! SERVICE. \$65.00

! GARY KB1IZ 879-9401  
!