



jm
RAINBOW CANYONS AMATEUR RADIO CLUB
Cedar City, Utah 84720

October, 1992

OFFICERS

PRESIDENT: Dave Harris N7NKK phone: 676-8032
VICE PRES.: Russ Chaffee KB7NLX phone: 586-7297
SEC/TREAS: Mardi Biedermann KB7HHB phone: 586-7033

MONTHLY MEETING TIME

RCARC meets regularly on the 3rd Tuesday of each month. October's meeting will be held on the 20th, at 7:30pm. We meet in the C.A.P. room at the Cedar City airport.

The scheduled topic for this month will be emergency and portable radio systems. Ray Congdon, N7HQK and Brad Biedermann, WA7HHE will be the featured speakers. If you are interested in "suit case radio" and digital communication be at the meeting on the 20th.

SEPTEMBER MEETING MINUTES

Pres. Dave Harris, N7NKK called the meeting to order at 7:35pm. He gave a report on the presidency's visit to the Dixie ARC. They were warmly received and gave a positive reception to the proposed joint venture on the 100 mile endurance ride.

Problems with the repeaters were talked about. Work is under way to make necessary repairs, when time permits.

Dick Parker, KI7DF presented an exposita on his recent antenna tower installation, covering safety, engineering and problems with interactivity with a window antenna.

Meeting was adjourn at 9:00pm.

ENDURANCE RIDE, WHAT ENDURANCE RIDE?

It was a little disheartening to be told that the services requested from the radio club would not be needed. That was the extent of the phone conversation with the race sponsors. They felt they could handle it with 2 portable radios. More power to them. I, for one, can use the time profitably else where. Thanks to all who volunteered their services.

MARS NETS

Recently, Pres. Dave Harris, N7NKK, has renewed the interest of some local Hams in MARS. MARS stands for Military Affiliate Radio System. The purpose of MARS is to provide Department of Defense sponsored emergency communication on a local and larger scale. It also provides auxiliary communications for military, civil and disaster officials during periods of emergency. The goal of MARS is to improve individuals radio skills in HF and VHF equipment and systems.

To participate one needs a special MARS license, obtainable by any

licensed amateur regardless of class. MARS use their own frequencies adjacent to but separate from the amateur bands. Anyone may listen in on the MARS nets. Net schedules in the Cedar and Utah area are as follows.

-HF net, Saturday, 8:00am. 4.023.5 CW. Following check-ins, move to 4.026.0 for SSB. This is a state-wide net.

-HF local slow speed net, Saturday 9:00am. 7.315.5 CW check-in, move to 7.317.0 for SSB operation.

-HF net, Saturday, 8:00pm. 4.026.0 SSB.

-VHF net, Wednesday, 9:00pm 143.99 simples. This freq. was used for the first time on September 30. It will become Cedar City's local MARS VHF net, with the promise of a repeater in the future.

To become a member of MARS, contact Dave Harris, N7NKK (phone number listed at the top of the first page) local recruiter for MARS. Many exciting future opportunities are in store for the MARS organization, state-wide links, packet, VHF, HF etc.

KEYER UPDATE

A short visit with Don Blanchard, WA7GTU, on the steps of the Post Office, indicated the keyer project is still a go. However, no one has officially been assigned to keep record of those wishing to build one. (A business matter for club meeting??) Don suggests a ball park figure of about \$15 each. He apologizes for the delay. Like so many things they too must be prioritized.

A MESSAGE FROM THE VICE PRES.

(Editor's note: the following is a reprint from Educational Activities September 1992 ideas exchange, the ARRL newsletter form).

Novice Examining Under the VEC

The FCC recently announced a Notice of Proposed Rule Making (NPRM) on bringing all Novice exams under the VEC system. They originally considered it in 1989-90 as part of the codeless license proposal. The FCC has always been concerned with how easy it is for non-hams to falsify Form 610. Also, FCC notes that the majority of people now enter the hobby through VEC exams (as Technicians), and cites the 9.4% error rate (versus 0.8% through the VEC) of exams not given by VECs. The NPRM doesn't directly address exam fees. It proposes to permit Generals to become VEs for Novice exams.

The ARRL VEC hopes to simplify the process for accrediting VEs who give only Novice exams, and to suggest ways to easily meet requirements for exam coordination, such as advance publicity. We want to increase the number of VEs and Novice exam sessions. If these things can be done, the only real change from examining Novices in the home would be the need for three qualified people, rather than two. Please read "Exam Info" in September QST for specific details, and how to send comments to the FCC on exam fees or other aspects of the NPRM. For a copy of the NPRM, send a SASE to the ARRL Regulatory Information Branch.

Thanks, Russ, for keeping us informed on recent rule changes. With the next Novice/Tech class scheduled for January this will be a boon for the examiners following the instruction sessions.

THE FOX HUNT THAT ALMOST WASN'T

Saturday, October 3, found two foxes scarring for their den while the hounds and hunters assembled at the city park. Unfortunately, other activities captured the interest of local amateurs. Our usual few participated, with one sharp shooter finding the foxes after only 32 minutes. You guessed it, Merlin MacKay, N7TCE, took first place. Then he shared his "double barreled" detection finder with Steve Despain, N7YSC, and his son. It was Steve's first experience hunting the fox and did quite well using only a HT. It was fun watching the hunters sleuthing through the sage brush looking for the foxy Foxes.

Come to the club meeting this month and find out where the Foxes were hidden, and see the trophy Merlin won.

The trophy goes to the winner of the next hunt. Merlin will be the fox next time so the rest of us will have a fair chance in finding him!

We also hope there will be more participating in the next hunt. The skills learned in these fun events are useful in locating emergency locator beacons associated with Civil Air Patrol and other transmitters

FOR SALE

Don McAllister, N7AVJ, 586-6015 Epson laptop computer, ideal for portable packet setup. \$95.00. Yaesu FT 208-R 2-meter handheld transceiver and drop-in charger with extras.

Russ Chaffee, KB7NLX, 586-7297 Butternut 6 band vertical. Cushcraft 10 meter, 4-element beam antenna. Make offer.

Terry Arnett, 586-1008 (business hrs. only) Collins R-390 Receiver. Heath Kit SB 300 Transmitter and SB 400 Receiver. Call.

Dick Parker, KI7DF, 586-2167 Various length of RG-8/U, RG11/U, RG58/U and 1/2 inch Andrews "Heliac" (hardline). Possible line on N-type fittings. Call.

Walt May, KA7STK, St. George. Numerous computer/TNC packages for packet radio station. Call "May's Flowers" in St. George.

Gloria Darley, N6TWR, 586-2752 Drake TR-4 HF 10-80 meter transceiver, 300 watt output, with books. Best offer.

Don Blanchard, WA7GTU, 586-4512 "Lots of stuff" for sale, please call.

This space gone to waste for lack of news worthy stories, events, articles and "For Sale" items. Help get your money's worth. 6 double sided pages go for the same postage 2 pages do).

PRINTING AND MAILING COSTS PAID FOR BY GALAXY AUDIO, YOUR LOCAL RADIO SHACK DEALER. Tracey Williams, N7DWB, owner; Don Francisco, manager.



ONLY AT RADIO SHACK!

99⁹⁵
Low As \$15 Per Month*

REALISTIC
10 CHANNEL DIRECT ENTRY
PROGRAMMABLE SCANNER

• REVOLVING CREDIT AVAILABLE
See Page 2

- 10-channel memory stores your favorite frequencies
- Easy-to-use front panel keyboard gives you access to 22,000 VHF/UHF frequencies
- LCD display shows channel and frequency at a glance

Realistic PRO-42. Enjoy hours of exciting drama and entertainment—listen to police, fire, weather, taxis, trains, ambulances and more! Quickly scans for active memory channels while a 2-second scan delay prevents missed replies. LCD display with switchable backlight for night viewing. Channel lockout button. Has flex antenna, belt clip, jacks for adding earphone and AC or DC power adapter. **Reg. 139.95** #20-302

Frequency Coverage 30-50 MHz VHF-Low, 50-54 MHz 6m Ham, 138-144 MHz Gov't, 144-148 MHz 2m Ham, 148-174 MHz VHF-Hi, 380-450 MHz 70cm Ham/Gov't, 450-470 MHz UHF-Low, 470-512 MHz UHF-Hi. Mobile use of scanners may be unlawful in some areas or may require a permit—check with local authorities

- NEW! Suction-Cup Antenna Glass-Mount. #20-022 9.95
- NEW! Clip-On Mini Speaker. #20-009 9.95
- Portable Scanner Case. #20-004 9.95
- NEW! Clip-on Antenna Mount. #20-023 9.95

With over 6600 locations, we're America's store for scanners and other communication equipment!



TSP

WITH N-CJ PACK!
259⁹⁵
Low As \$15 Per Month*

REALISTIC
Popular 2-meter FM Ham handy-talkie is loaded with extras

- True FM transmit for superior clarity of voice and top performance on packet

Realistic HTX-202. Compare our quality and price with other brands! Features selective 2-meter (not wideband) receive that fights intermod. You get 16 memories multifunction scanning, subaudible tone encoder and decoder, DTMF dialer with five memories and DTMF tone squelch. Includes rechargeable battery pack, UL listed AC charger, "AA" battery holder, belt clip, antenna, 42-page manual and one-year limited warranty that's honored nationwide (see store for details). #19-1120

Super values in Ham accessories



- (1) **Speaker/Mike for HTX-202.** Also fits Icom, Yaesu HTs. #19-310 ... 19.95
- (2) **Suction-Cup Mount for Antenna.** Holds antenna securely to inside of window. For vehicle, home or work. 6-ft. cable with BNC plug. #20-022 ... 9.95
- (3) **Deluxe Soft Case for HTX-202.** CMC special-order. #19-1121 ... 9.95



TSP

LAST CALL!
199⁹⁵
Low As \$15 Per Month*

REALISTIC
SLASHED \$60 10-meter Ham mobile

Realistic HTX-100. This extra-rugged transceiver provides full 10-meter coverage in stable steps. Operates upper-sideband voice and CW (code). Packet compatible with 40 ms turnaround. On-mike tuning, RIT, standard 8-pin mike jack, 25/5-watt output, "hot" rec superb noise blanker. **Reg. 259.95** May not be in all stores. Some may be demos. No rain checks. #1

IMPORTANT! You must have a valid FCC Amateur Radio License of appropriate class to transmit with the HTX-202 or HTX-100

Copyright 1992 Tandy Corporation. Fort Worth, TX 76102. Prices apply at participating Radio Shack stores and dealers. The Company cannot be liable for pictorial or typographical inaccuracies.