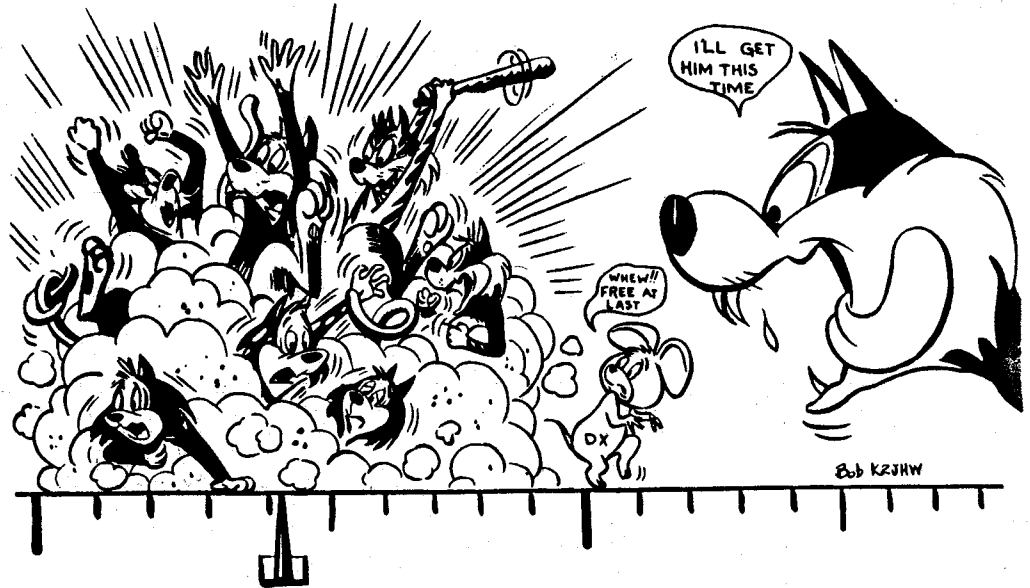


THE DX QSL DESK

Thought everyone might enjoy seeing the DX'ers Dream.

Also, a couple of other samples real DX cards. By the way, the recent DX contest provide ample opportunity to work some new ones. Did you?

THE DXERS DREAM



Greetings from **NEPAL** ZONE 22
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TO RADIO	CONFIRMING QSO						
	DAY	MONTH	YEAR	UTC	RST	2-WAY	MHz
	L2	5-4			SSB		14.2



ISLA SAN AMBROSIO

Moran, S.J.



PACKET RACKET

Last month, we discussed the evolution of TNC's into their present form and compared the PK-232 to the KAM. This month's offering has been edited from the TAPR Packet Status Register. By way of background, TAPR is a purely volunteer organization, and these hams designed and offered the first TNC to amateurs. Their second unit, the TNC-2, has been broadly licensed to many other manufacturers (Heath and PacComm come to mind).

METCON-1 (teleMETry and CONTROL, version 1) is a versatile remote input/output interface for use on a packet radio link. It allows the operator to monitor various analog values (including temperature, voltage and frequency) as well as digital values (switch closures and the like). In addition, there are up to six (6) "dry contact" relay outputs for controlling various devices.

Some of the applications described by beta-testers include using the METCON-1 board during a balloon ascent for sending telemetry regarding height, temperature, and other balloon status to the ground control station as the mission proceeded. Other applications dealt with control and monitoring of remotely located sites including mountain top stations and other difficult access areas.

With the reduction of the 220MHz band, it may be feasible to put multiple repeater control links on a single packet channel. The more common way of doing repeater control is to have a dedicated control channel with touch-tone pads. In a metropolitan area, this inefficient approach eats up a LOT of the spectrum and 220MHz is a popular control link band for 2-Meter and 70-CM repeaters. Packet has at least as much security as touch-tones, and METCON provides a limited password access scheme.

METCON is a simple and inexpensive means of applying packet to control and monitoring instead of simply communications.

The basic METCON-1 kit is \$85., with voltage-to-frequency boards at \$25. each and temperature-to-frequency boards at \$30.

... continued next column (see PACKET)

OFFICIAL CNARC CALENDAR

Saturday, 11/2, 7:30AM 5K/10K Run
Monday, 11/4, 7:30PM Club Meeting
Wednesday, 11/6, 8:00AM Hunny's Bkfst
Thursday, 11/7 11:30AM Lunch Bunch
Saturday, 11/9, 7:00AM GD Swap Meet
Monday, 11/11, 7:00PM Board Meeting
Thursday, 11/14, 11:30AM ... Lunch Bunch
Saturday, 11/16, 10:00AM ... T-Hunt
Thursday, 11/21, 11:30AM ... Lunch Bunch
Thursday, 11/28, 11:30AM ... Lunch Bunch
Monday, 11/4, 7:30PM Club Meeting

PACKET (continued)

each. A/D boards are planned to be available soon.

TAPR is located at P.O. Box 12925, Tucson, AZ 85732-2925. Their FAX is 602-749-5636, and their phone is 602-749-9479. Tuesdays-Fridays, 10:00AM-3:00PM MST.

CALIFORNIA QSO PARTY REPORT

Those who participated in the CQP, know how great the band conditions were. Those who didn't get involved missed a marvelous time.

CNARC'ers known to be involved were N6CFQ, AF6F and W6TKV. With 24 hours operation, the latter ended up with a total of 1,683 QSO's with only 47 duplicate contacts, for a net total of 1,636 QSO's, a new record for Riverside county even though he just missed a clean sweep on the 58 multipliers by one, the VE8.

VOLUNTEER INSTRUCTORS

For those interested, the AMSAT/ARRL is holding an Educational Workshop titled, "Uses of Amateur Radio Satellites in Education" on Friday, November 8th from Noon to 5:00PM at the Los Angeles Airport Holiday Inn. Seven different speakers will give 20-minute presentations on such topics as using satellites to teach physics, geography, computers, language arts, ways to use satellites in grades kindergarten through college; designing a school science room including Amateur Radio and satellites.

This 5-hour program sounds fascinating ... even if you're not an instructor. Maybe 2 or more club members would like to attend and can carpool.

FROM THE LAST MEETING -de AF6F

President W6TKV called the meeting to order at 7:58PM and introductions followed.

The program for the evening was presented by Jay Kobelin, WA2FIJ. He covered his DX-Pedition to Palmyra Island and Kingman Reef, both of which are in the Pacific Ocean about 1,000 miles south of Hawaii. He presented a nice slide show starting with the crash of the aircraft which brought them to Palmyra. After operating from Palmyra, they continued onto Kingman Reef which is a coral reef with one lonely plant growing on it. At high tide, the reef is only a few yards wide. Jay's next DX-Pedition will be to Clipperton Island in 1992.

With the ARRL Sweepstakes coming in November, CW 11/2-11/3 and Phone 11/16-11/17, if you work at least 100 contacts, you can get an achievement pin. For the really dedicated, a coffee cup is awarded if you work all 77 ARRL sections.

Since there were no volunteers to serve as net control stations, the Monday night 2M net on 146.535MHz will not be held anymore. (Editor's Note: The net still goes on)

W6TKV gave a brief overview on his duties as an ARRL Official Observer (OO) and his activities in tracking repeater jammers.

The raffle prize, a nice LCD clock, was won N6TAX. -de Dick, AF6F

DX WINDOW de-W6TKV

Some of the DX worked this past month:-

10M:- CU2DX, DL2XN, DF7UB, EA4CQT, EI9GP, FO5GW, G3SZA, G40JH, IK1DEA, IK2MLY, JH8CLU, PY5ZG, VK9NS, ZA1DX, ZS4AE, 9L1US

12M:- SM3EVR

15M:- G8FC, GI4WHR, GMOECO, HL2KAT, HR2BDC, JA4KEX, JA7YFB, OK3CKR, TF3IM, VK2CED, ZA1QA, ZD8AM, 3A2LU, 5V4RF, 8P9CF, 9L1US

20M:- BV2FA, TJ1PD, ZS5NU, ZA1DX, ZD7VC, ZS6ACW

T-HUNT REPORT

September's T-Hunt had W6TKV as the mobile fox, and the hounds were N6UCV (with XYL), and NF6Y (with KC6YZU).

As a reminder, the boundaries are roughly the 71, 60 and 91 highways, but most of the hiding and hunting seems to take place in Norco. W6TKV made his first transmission from 6th and Main (Hamner) in Norco, and then drove north up to the 60, turned right and drove along beside the 60, turned right on Magnolia and drove southwest along the 91. His plan was to get back to the T-Hunt starting point without being caught, however, he was found by N6UCV at the Tyler Mall. Of interest, our visiting T-Hunter (who only T-Hunts) also found W6TKV.

It looks like NF6Y (and KC6YZU) dined in Norco, while others had lunch at McDonalds near Tyler Mall.

The next T-Hunt will be on Saturday, November 16th at 10:00AM with N6UCV as the wandering T. The hunters start from our meeting place shortly after 10:00AM, and the hunt usually lasts about an hour or so. Following the hunt, the hunters and the ex-fox adjourn for lunch at a local bistro.

All CNARCers are welcome to ride along. All you need is an interest in seeing what T-Hunting is all about.

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