

PRESIDENT: KERRY ERICKSON N6DSG
VICE PRES: MIKE STEWART WA6VQI
SECRETARY: DICK MALM KF6FK
TREASURER: RICK MCKINNEY KA6DAN

Director at Large: John Repar VA6LWD
Trustee: Jay Holladay W6EJJ
Emergency Comm.: Ralph West N6YM
Editor: Eileen McKinney KA6DCV

MAIL STOP

Jet Propulsion Laboratory
W6VIO Calling M/S 233-208
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4800 Oak Grove Drive
Pasadena, California 91109

CLUB MEETINGS: 2nd. Wed. of month 12 Noon in
238-543. Everyone welcome!

BOARD MEETINGS: 4th. Wed. of month 12 Noon in
238-543. Everyone welcome!

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JPL AMATEUR RADIO CLUB EDUCATION SURVEY

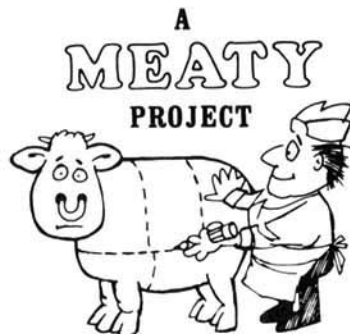
Attached is a survey to designed to give us some idea of the number of members or other interested parties who wish to become licensed Amateur Radio Operators or who want to upgrade their present licenses, either for esoteric reasons or for more material reasons such as being able to work more easily that rare DX on the low bands.

So, if you think that getting your Amateur Radio ticket or upgrading your present one is just the ticket for you, or even if you're not going to do either, please take a few minutes to fill out the questionnaire and send it back. It'll be a big help to future generations of Education Committees.



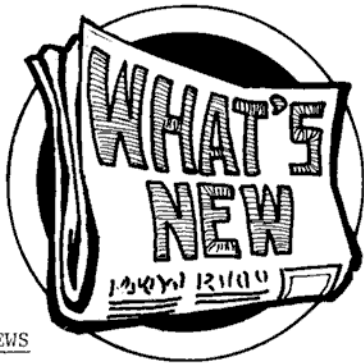
CLUB MEMBERS LINE UP TO PAY THEIR DUES.
HAVE YOU PAID YOURS YET?

(Photo by Norm K6PGX)



MINUTES OF THE BOARD MEETING

22 FEBRUARY 1984



DX NEWS

DX NEWS

First, a thanks to Stan Brokl for writing the DX News Column in my absence last month. It's nice to know that one can unavoidably miss a deadline and still get his article published. There are some pretty unusual operations planned for this month. By the way, I'd be interested in hearing if any of this column's readers would like me to publish QSL information in the future.

Clipperton Island - This operation is planned to start on 9 or 10 March and will run for at least 6 days. This is an easy one for us Southern California types. Look for 160 to 10 meters both phone & CW. Listen for the pileups to determine frequencies. Three stations will be active at all times. Call signs are F08XU, XV, XW, XX, XY, and XZ.

Albania - ZAIR appeared on 14220 kHz. Based on hope, and little else, he could be for real!

Crozet - FB8WK is active daily. Look at 3790, 7003-10, and 14015-35 kHz from 0200Z. FB8WJ is active from 0400Z between 14210-14215 kHz.

China - BY1PK and BY4AA expect to be very active with multi-operators between 15 & 20 March. No frequencies mentioned. Past phone activity has been on 14245 kHz listening is directed BY8AA is frequently active about 0100Z around 14050 kHz. I still need China!

Karmdec Island - ZL8AFH is active daily from 0800-1000Z on 3795, 7085, 7195 and 14220 kHz!

Liberia - EL2AT can be found on weekends around 14084 from 1900-2100Z.

North Cook Island - Through 15 March, look for ZK1MA & ZK1YL on 10-160 meters, mostly on CW.

Wake Island - AH3AA/KH9 is frequently on 21301 kHz from 2000Z. He is also active on 3800 kHz from 0800Z.

73's and Good Luck!
Bob N6ET



PRESENT: K. Erickson, R. Malm, R. McKinney, J. Adams, J. Repar, N. Chalfin

1. A quorum being present, the meeting was called to order by President Kerry Erickson.
2. The following items of business were reported by Kerry Erickson:

(a) The question of eligibility for contractors to hold club offices has been determined to be contrary to ERC policy so that further consideration to change club bylaws will not be pursued. There appears to be potential conflicts with liability and insurance coverage which is the basis for the ERC policy.

(b) The wind damage to the club antennas was discussed, but plans for repairs are not yet firm. There is a possibility that ERC insurance may cover a part of the damage.

(c) Committee chairmen positions have been identified with the exception of the Program chairman. Announcements will be made in one of the next issues of VIO CALLING.

3. N. Chalfin reported that he would be unable to run the Westlink tape this week due to other commitments. Kerry said an alternate would be found. This situation suggested that alternates should be identified whenever possible to support club activities.

4. Treasurer R. McKinney reported the following financial status :

Current Balance	1035.33
Receipts	96.00
Disbursements	
Tune up clinic	6.90
Repeater	11.61
Balance	1112.82
Dues recently received	15.00

About 150 members have paid their dues. This appears to be a record for so early in the year. All members are to be congratulated for their support.

5. Jon. Adams requested a key for the Ham Shack and to be checked out for authorization to use the Shack.
6. Dick Malm was asked to determine the current status of the Special Services Club Application which was started late last year. It was indicated that Mike Stewart may have the information.
7. The meeting was adjourned at 12:55 pm.

R. Malm, KF6FK
Secretary

RED CROSS NEEDS YOUR HELP

The Orange County Chapter of the American Red Cross has a need for 2 meter radio equipment for their base station, field stations and mobile units. Any and all equipment would be acceptable, working or otherwise. The donation of equipment will be recognized as a tax deduction, so be sure to give an estimated value for a receipt.

Anyone wishing to donate such items may contact the North Orange County A.R.E.S. via:

Gordon Cole, WB6GUC
420 So. Laurel
Brea, California 92621

or

Bob Dantas, N6ETS
c/o Jet Propulsion Laboratory
4800 Oak Grove Drive T-1180
Pasadena, California 91109

(818) 354-5595 or (714) 738-3489

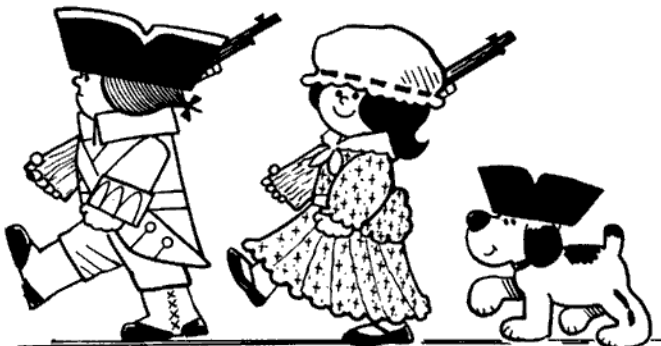


WE DON'T WANT ALL YOUR GOLD

JUST

\$3 FOR YOUR 1984 DUES!!!!!!

SEND IT TO TREASURER RICK
MCKINNEY 168-327 SECTION 383



MARCH DOWN AND PAY YOUR DUES TODAY ---- \$3.00

HAM CLASS NEWS

UPGRADE CLASS SCHEDULED
by Jon Adams, NW6H

Sure, it's been a lengthy, miserable winter and you've been putting off for far too long all those important tasks that waited while you spent your winter weekends at the beach or schussing down the slopes. Summer's coming up all too soon and, once again, you'll have an excuse not to do things like repair the roof, fix the brakes on the car or finally complete that upgrade to your license that you've been thinking about for the last couple years.

So, in order to take advantage of this lull between the winter and summer seasons, we're offering an upgrade class for those who want to make the move from Technician Class to either General or Advanced Class or from General Class to Advanced Class.

Both code at thirteen words per minute and General- and Advanced-Class theory will be taught in this eight-week course that begins on April 17th, and continues twice a week on Tuesdays and Thursdays at 12 Noon in building 238, room 543. Code practice tape cassettes for use away from class will be available.

For further information and enrollment, call Jon Adams at 354-3445 or Kerry Erickson at 354-3567.

P.S.

If you do not currently have an amateur radio license, you can still join this class and tough it out. Once you're through, all you need to do is demonstrate proficiency at thirteen words per minute and you can sign away your Novice Class five word per minute requirement. It can be done and is really not that difficult if you set your mind to it (that's what they all say, right?).

Also, while I have your attention, be sure to fill out the survey questionnaire in this issue of W6VIO CALLING. It will be a great help to future efforts to organize classes that are more-finely tuned to the needs of the membership.



CONGRATULATIONS TO OUR OWN GORDON CRAWFORD WHO GAVE ASO-LONG TALK AT THE JAN 84 CLUB MEETING WHO HAS RETIRED FROM JPL AFTER MANY YEARS OF FINE SERVICE. WE'LL MISS SEEING HIM EACH DAY AT WORK BUT WILL LOOK FOR HIM AT OTHER EVENTS THAT THE CLUB SPONSORS.

(Photo by Norm K6PGX)

PRESIDENT'S MESSAGE

President's Message

HELP! I am looking for someone to headup the monthly Program Committee. This is an important aspect of our club; please contact me if you can lend support.

Our annual membership renewal is looking very good with about 90% former members renewing and several new members joining. Speaking of memberships, our club ARRL affiliation requires us to maintain above a 51% ARRL membership. Don't let your ARRL membership expire. Consider also having your family hams join; it only costs an additional \$ 2 if you are a member. Remember to renew or join through the club. The club gets both credit and dollars for memberships. Contact Richard McKinney (KA6DAN) for membership forms.

At our February meeting, hosted by Jay (W6EJJ), we, along with vistors Darla (KA6YEG) and Jim (KA6QZU) Grey, viewed the latest version of "Amateur Radio's Newest Frontier". The 28 minute videotape, which centers around Owen Garriott (W5LFL) during the flight of STS-9, is an excellent resource for Amateur Radio information of general interest. Contact Jay or Norm Chaflin (K6PGX) regarding information on obtaining the tape.

The committee chairman, officers, and trustees for this year are the following. Please contact the appropriate person if you can lend support or have interest in that area.

EDUCATION - Jon Adams
x3445, ms 238-528

EMERGENCY COMMUNICATIONS - Ralph West
x7817, ms 230-104D

NEWSLETTER - Eileen McKinney
c/o John McKinney, ms 233-208

PUBLICITY - Norm Chalfin
x6833, ms 180-302

PROGRAM - (vacant)

QSL BUREAU - Bruce Beaudry
x7872, ms 264-119

REPEATER

Operations & Maintenance - Jim Lumsden
x6726, ms 233-103

Trustee - Walt Diem
x6751, ms 171-235

Autopatch - Warren Apel
x177-9299, ms 510-202

SSTV (SLOW SCAN TAPES) - Sid Johnson
x6026, ms 158-205

STATION FACILITY - Stan Sander
x2625, ms 183-601

CLUB TRUSTEE - Jay Hollady
x7561, ms 233-208

PRESIDENT - Kerry Erickson
x3567, ms 233-208

VICE PRESIDENT - Mike Stewart
x3606, ms 179-206

SECRETARY - Richard Malm
x3975, ms 179-206

TREASURER - Richard McKinney
x3968, ms 168-327

DIRECTOR AT LARGE - John Repar
(Past President) x7261, ms 157-507

Kerry (N6DSG)



Interest Grabbers

FOR SALE:

Yaesu, FT 101B with hand mike

Drake, T-4X

R-4B

L-4B, wKW SSB

MS-4

Mike

Tri-EX Tower, W-51, 3 piece crank up

Mosley Antenna, TA-33, 3 Element, Tri-band 10,15,20M

CDE Rotor

Call for prices and more info:

Scott Nolte N6CUV

On lab: X2673 Home: 257-5502

WANTED:

220 Mhz Handheld or Mobile for W6VIO



STORM DAMAGE TO W6VIO ANTENNA SYSTEM by Stan Sander N6MP

The recent wind storms recently took their toll and the W6VIO mesa antenna systems. The telephone pole/tower system, on which were mounted the stacked KLM KT34XA tribander and Hy-Gain 402BA 40 meter antenna, suffered the worst damage with the tribander being completely destroyed. The 40 meter antenna suffered some damage but this can be easily repaired. Even the rotator, which was a heavy-duty Hy-Gain HDR-300 designed for high wind conditions took a beating with its main drive gear being broken in four places. Fortunately, this also can be fixed with relatively little effort. The good news was that the tower itself survived the onslaught. Last year, you may remember, the tower itself buckled. Improvements in tower support including improved guying made the difference in the last storm.

On the other tower, the Hy-Gain TH60XY survived with only one bent element which will be easy to repair. This antenna is still working with apparently only a slight loss of performance.

(Continued next column)

STORM DAMAGE (Continued from column 1)

Plans are underway to effect repairs on both towers. At the moment, the facilities committee is trying to decide what is the best approach for replacing the tribander. In view of the very high winds (over 100 mph) encountered on the ridge of the mesa where this antenna is located, it may be wise to keep this antenna cranked down during the windy season. (Nov - Feb) Of course, comments, suggestions and help are always welcome.



OSCAR-10 STATION OPERATIONAL

W6VIO is now on the air with the AMSAT OSCAR-10 satellite. A mode B (435 mHz uplink, 2 meter downlink) station has been assembled which successfully accessed OSCAR-10, for the first time in early January. The station consists of an ICOM IC-471 all-mode transceiver and Mirage 100 watt amplifier for the uplink and the ICOM IC-211 transceiver with a low-noise GaAsFET preamp for the downlink. Both uplink and downlink antennas are KLM circularly polarized crossed Yagis with switchable polarization on an azimuth-elevation mount.

OSCAR-10 is unique among amateur satellites because it is in a highly elliptical orbit with a 35000 KM apogee and 27 degree inclination whereas previous amateur spacecraft have generally been in low circular polar-orbits. The elliptical orbit of OSCAR-10 permits long viewing times (up to 11 hours) and wide geographical coverage while requiring higher uplink e.r.p.'s and better receivers than its predecessors. Already I have worked about 30 stations, mainly DX, in Europe, North America and the Pacific on both CW and SSB.

OSCAR-10 is a really fun and unique mode of operation. Anyone desiring more information and instructions on how to use the station should contact me at X2625 or M/S 183-601.

Stan Sander N6MP



JPL AMATEUR RADIO CLUB CLASS TYPE AND SCHEDULING QUESTIONNAIRE

A) If you have a current, valid Extra Class Amateur Radio license, please pass this questionnaire to someone who is not an amateur but is interested in becoming one.

Name: _____

Call: _____

Current License Class: none N T G A E

Address or Mail Stop: _____

Telephone Number: _____

B) If you have a current, valid Amateur Radio license, start with question # 2.

1) What quarter of the year would be your first
choice for a Novice licensing class ? 1 2 3 4

Your second ? 1 2 3 4

2) Do you have a desire to upgrade this year ? yes no

C) If you answered 'no' to question # 2, ignore the remainder of the questionnaire.

3) To what class do you wish to upgrade to
this year ? T G A E

4) What quarter of the year would be your first
choice for an upgrade class ? 1 2 3 4

Your second ? 1 2 3 4

5) What is the best time of day for you to be
able to allow regular class attendance ? noontime

afternoons
after work

Thank you for your participation in this survey. Please return this questionnaire to Jon Adams by March 15, M/S 238-528. If you mail it on-lab, we'll even pay the postage (we really do want this survey returned).