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SECRETARY: JOHN EARNEST N6CTT
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Director at Large: STAN SANDER N6MP
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Emergency Comm: MERV MacMEDAN N6NO
Editor: EILEEN MCKINNEY KA6DGV

Club Meetings: 2nd Wed of month
12 Noon in 238-543. All welcome

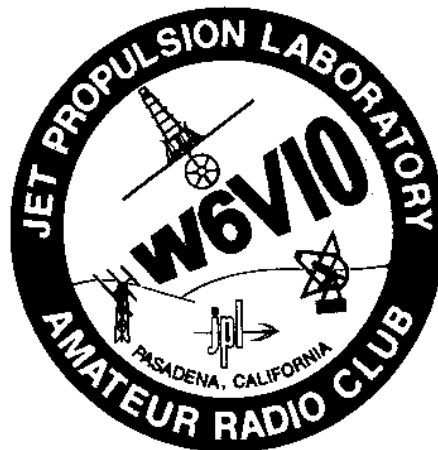
Board Meetings: 4th Wed of month
12 Noon in 238-543. All welcome

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MAIL STOP

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jpl → W6VIO CALLING



SEPTEMBER EDITION 1982 VOL 12 NO. 9

PRESIDENT'S MESSAGE

It's been a couple of months since my last message, and I can't use the "recovering from surgery" excuse any more so here it is. I don't think anyone noticed I was gone. Are you sure the Club needs a President?

Well anyway, since my last message we have had a very successful Field Day thanks to the leadership of Stan Sander, N6MP and Brian Stapleton, W6LZP; and received a lot of attention as a result of our relay of the Shuttle audio for the June flight of the Colombia, thanks to the dedication of Jim Lumsden, WA6MYJ, Walt Diem, WA6PEA and other club volunteers. Way-to-go Guys.

There have been a few changes in the Club since my last message. First, much to my chagrin, I received the resignation of our Programs Chairman Stan Brokl, N2YQ. The Programs Chairman is one of the most important club positions, being responsible for our monthly club meeting program. It requires an individual with contact into all areas of Amateur Radio. Fortunately a most capable member - George Morris, W6ABW, has agreed to complete Stan's term, filling in until January. Many, many thanks George. Secondly after many years of service, Warren Apel, K6CPK, has resigned as our Tuesday Amateur Radio News Net Control. This time our V.P., Art Zygielbau, WA6SAL, came to the rescue and volunteered to take over. This requires weekly attention. If you can volunteer to fill in occasionally, please give Art a call. X5149.

Future club activities include a presentation by Paul Schou, KE6ET, to the Sailing Club on HAM Radio and the starting of the Fall Novice Class (see notice attached.) One At-A-Boy each to Paul Goodwin, K06D, Rick McKinney, KA6DAN, and Ralph West, N6YM, for organizing this years classes. (Volunteers needed here also - Contact Paul Goodwin or me.) Look for more info on these functions in next month's Newsletter.

Also, would you believe - the ERC wants us to sell Hot Dogs at a TBD November function? Looks like a big chance to make some money for our treasury. VOLUNTEERS NEEDED PLEASE - PLEASE - PLEASE (Do you think three pleases will work?) Bye - See you next month. (John - N6AVW)

HELP A FRIEND BECOME A HAM!

NOVICE LICENSE CLASS

Sponsored by JPL ARC

Class Meets:

Every Tues & Thurs Noon
238-543

Starts 21 September

Runs 10 weeks. FREE

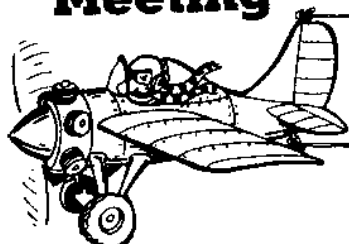
For more information call:

Paul Goodwin X-4820

Rick McKinney X-7749

Ralph West X-7403

Meeting



RADIO CLUB MEETING - 8 September 1982

12 Noon

See Page 3 for complete details on speaker.

FROM THE EDITOR'S DESKTHE GARDEN (SUBTITLE-GET ME OUT OF HERE)

John is a gardener - true to the core.
 I hate the garden and think it's a bore.
 John likes rows of corn waving in the sun.
 I like naked supermarket corn-that's lots more fun.
 John sees ripe tomatoes and can't wait to pick.
 I see tomato bugs and get violently sick.
 Carrots all growing - make John sit and smile.
 Peeling and slicing don't fill me with guile.
 A gardening book with some info on back
 I see the price tag and have an attack.
 Gardens to John are worked in and seen.
 Gardens to me are pictures in magazines.
 John likes flowers and red roses too.
 I think polyester plants are better & washable too.
 My greenhouse windows are the talk of the town.
 Nobody knows the plants are plastic and I hose
 them all down.
 John thinks it's time I mended my ways.
 I'm to help in the garden and weed Saturdays.
 But oh why's he mad - why that terrible frown?
 He's getting the shovel and swinging it round.
 It's just missed my head and whizzed past my ear.
 He's turning bright purple - my safety I fear.
 What's that he's screaming?- His stringbeans are
 gone - his squash and zucchini are living anon.
 I pulled out asparagus that had been growing for
 years?
 Get out of your garden - I've pulled out corn ears?
 I'm sorry I'm sorry - forgive me I plead.
 I'll never again touch a plant or a seed.
 I walk to the house and go in through the door.
 And laugh to myself that I'll weed NEVERMORE.

(Eileen KA6DGV)

TWO MORE UPGRADES

Two members of the JPL-ARC License Upgrade Class recently went down to Long Beach and upgraded to Advanced Class. They are:

Walt Mushagian, K6DNS on 8-19-82 and
 Tak Sato, N6FTB, on 8-25-82.

Walt is keeping his present call, while Tak put in for one of the 2x2's (which are now in the KF6** series). VIO Calling congratulates them both!

(Paul K06D and Ralph N6YM)

LETTER: I would like to extend a word of thanks to the JPL ARC Educational Staff for their assistance in obtaining my advanced license.

In particular I would like to say thanks to Paul Goodwin and his able staff for the words of encouragement and for their many hours of classroom preparation and instruction.

(73's Walt Mushagian K6DNS/LB)

Editor's Note: It's a pleasure to be able to put a thank you in print. Paul and Ralph and their Staff work hard and all of us thank them. Eileen.

 WOODPECKER (Reprinted from WORLD RADIO, Sept 82)
 Submitted by Paul K06D.

The following message sent in CW on the frequencies that Russian intruders are using will often get them to shift out of the band:

UITA OEASTOTA OEASTX MEV. DUNARODNOJ LIMBITELSXKOJ
 POLOSJ OEASTOT POVALLUJSTA QSY TOTOEASVE.

The OEs, UI and IM are run together to form the additional Cyrillic alphabet characters. The message, when taken down in Cyrillic script, reads:
 "This frequency is part of the International amateur band...please QSY immediately." - Ham Radio
 -Red River Valley AR News, Paris, TX - originator.

CLASSIFIED COLUMN

FOR SALE: Drake WH7 Wattmeter, and 1981 U.S. and Foreign "Callbooks". Call Kent at X9170 or 885-6110 (evenings). Kent N6DSP.

DX NEWS BY BOB POLANSKY N6ET

I'd like to take this opportunity to thank each of the readers of this column for their assistance in "thinking sunspots". I don't know if you're responsible, but "something" has opened the 20 meter long path in recent mornings. Keep it up!

The following activities are either in process, planned, or rumored.

St. Peter/Paul Rocks - ?/PYO will occur sometime in September or October, we hope.

Crozet - FB8WG is frequently active between 14011 - 14017 kHz on CW and 14160 or 14242 kHz on SSB. His favored times are between 1500 & 1600 GMT. I still need him on SSB!

Burna - For those of you who thirst for a Burmese QSO, DF3MP/XZ schedules Saturday appearances on 21295 or 14240 kHz at 1600 GMT. This is a list operation.

Equatorial Guinea - The 3C1JA operation by TR80IT has been delayed until the week of 7 September. As I recall, this will be a SSB-only activity.

Corsica - FCOFRY & FCOFRZ are active now through 10 September. On CW, look 25 kHz up from low hard edge. On SSB, 5kHz up. This is a 10-160 meter operation.

Willis Island - VK9ZA is available on 14205-14210 kHz from 1100-1600GMT, apparently daily.

Qatar - A71AD can be worked 21290-21310 kHz from 1700-2130 GMT. Mike puts in a good signal on the low end of 20 SSB in the mornings occasionally. He is rumored to be installing a 40 meter beam.

Knights of Malta - This is the N6ET nemesis! The only active country, other than China, that I still need. IAOKM is supposed to be activated during the upcoming European Phone Contest on the weekend of 11-12 Sept. I understand that some effort will be made to activate this station frequently on weekends after mid-Sept. Please call me if you hear him! My phone number is on the JPL ARC Membership List.

Enough for now. I wish you many new ones as DX activities begin to pick up for the winter.
 (Bob N6ET)

COLUMBIA - STS-4 - (Continued from Last Month)

Much interest has surfaced, throughout the country (and even neighboring countries), in the concept of riding along on events that have always been physically removed from them. The attendance at the NASA's Visitor's Centers has shown graphically that people are interested in knowing, understanding, and participating in the space program. The success of the Mission Audio within the Amateur Radio Community is no different.

The Key difference with the Shuttle Audio on Amateur Radio is the two-way interactive aspect. A large part of the total net is the evening interactive nets which allow question and answer sessions. Highlights of these evening sessions were a question and answer session with Brian Welsh of NASA Public Relations office at the Johnson Space Center in Houston, TX, and a Post-landing STS-5-Kick-off Session with Vance Brand, Commander for the STS-5 Mission.

The technical aspects of providing the Shuttle audio for Amateur Radio are rather mundane. The audio was fed to the W6VIO 224.04 Mhz repeater via twisted pair (telephone line) from its On-Lab source in the Von Karmen Auditorium. Isolation from the source was provided by a distribution amplifier. At the Repeater site, prior to being fed into the repeater, the audio was equalized, mixed with the tape machine audio, and processed through a level controller called an audiomax?. The unit was designed to provide a constant output level as the input level changed over the course of the Mission. It could easily compensate for 20 db changes. An Audio-operated-relay (AOR) with multiple relay contacts, designed and assembled late at night by Doc Nordland, WB6MOQ, provided the capability for prolitizing the audio feeds for that nothing would over-ride the Shuttle Audio.

The big question right now is, "What's ahead?" It became evident during the STS-4 mission that the Amateur Radio role in future missions is expanding. The Commander of STS-5, Vance Brand, participated in one of the Post-Landing nets heard on W6VIO. Owen Garriot, Mission Specialist for STS-9, will be the first HAM Astronaut to fly. The Marshall Space Flight Center in Huntsville, Alabama, is building hardware to provide telemetry from the Get-Away Special Cannisters. This would allow some real time data evaluation for schools and other organizations flying "cheap" space experiments.

None of the above, however, even scratches the surface of the thrill and excitement of listening to history in the making. The two way interactive nature of Amateur Radio provides an opportunity for those who had no way to get answers to intriguing questions about space and it's potential to get personal answers (or comments) to their questions. Amateur Radio is expanding into space. It must not be limited to a select few; it must be available, somehow to everyone with the ambition to participate. The STS-5 Mission is shaping up to have even greater interest than the previous one. JPL hopes to be there on 224.04 Mhz in Pasadena, California.

(Jim WA6MYJ)

REMEMBER

Some people pay so much attention to their reputation that they lose their character.

There is nothing more frightening than ignorance in action.

MEETING NOTICE

Wednesday, September 8, 1982, 12 Noon.

Topic: Inside WESTLINK Speaker Bill Pasternak, WAGITF. Bill is the producer of WESTLINK broadcasts and editor of WESTLINK REPORTS and in his space time (HI) he also gathers, writes, and edits much of the amateur radio news. The quick reaction of WESTLINK is demonstrated by the approximately 600 replies to a recent poll concerning "no-code" licenses. (Most replies are negative by the way.)

Bill will give us an inside look at the production of WESTLINK as well as fill us in on some of the recent happenings in amateur radio news. Bill has some fascinating inside information on the FCC and the W6VIO Shuttle Coverage which he may share with us. ...I hope there will be a large turnout because there is never a dull moment when Bill Pasternak is present.

(George W6ABW)

MEETING DATES: Next Board Meeting - 22 Sept.

October General Mtg - 13 Oct.

RADIO CLUB MEETS THE BIKE CLUB'S CENTURY CHALLENGE

This year's century bike route was UP Big Tujunga Canyon UP Mount Wilson UP to turn around at Hwy 39 and DOWN DOWN Angeles Crest. Along the route were Ralph West (N6UM), SACWAGON, Glen Stewart (KA6HIF), First rest stop, intersection of Big T and A.C. Jim Longthorne (WA6KPW), Lunch stop, at the top of A.C. and Hwy 39, Dave Wagner (N6GGJ), and Booth Hartley (N6BH), both in the ride.

In past years the top of the ride was to Dawson Saddle, 8000 which is high enough to allow communications along the entire route. But this year the top was Pine Hollow 7200' and communications were sparse even between Red Box and Pine Hollow. So Ralph had to do some fancy foot work to keep track of the riders. But his efforts and the efforts of everyone else helped to make the ride safe and fun.

Next year we might set up a repeater on Mount Disappointment to better cover the ride.

(Bruce WD6HEZ)

BOARD MEETING MINUTES

Present were: N. Chalfin, W. Diem, J. Earnest*, M. MacMedan*, J. McKinney*, G. Morris, J. Repair*, S. Weaver. *denoted Board member.

1. June and July board minutes were approved with corrections.
2. The Treasurer's reports were approved with correction to June submittal.
3. John McKinney said that the various committee chairmen should produce an estimate of expenditures for the rest of the year so that we can examine the feasibility of our present budget.
4. There was considerable discussion regarding future Shuttle audio but the subject was then shelved pending a report by J. Holladay relative to information he is acquiring.
5. Three off Lab members were voted into the Club: D. Whitaker WA6JDV, S. Reymann W6PAJ and Doc Nordland WB6MOQ.
6. The meeting was adjourned late having started late due to the lack of a quorum at 1200.
(Submitted by John Earnest N6CTT-Secretary)

WA6SQF (MOBILE)

W6TUZ

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GEORGE A. MORRIS, JR.
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W6ABW

G5AWO

N6FHM
AL GOLDMAN

K6PGX
Dr. Norman L. Chaffin
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WA6PEA
MOBILE

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Walt Diem

WA6PEA

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U.S.A.

Go-pher These!

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LOS ANGELES COUNTY

KO6D

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LA CANADA, CALIFORNIA 91011
518 JERREN DRIVE

W6EJJ

| QSO WITH | DATE | GMT | MHZ | MODE | RST | QSL |
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| ANT | | | | | | |
| TRX | | | | | | |

73, PSE QSL TRX PAUL S. GOODWIN

W6ABW

George A. Morris, Jr.
2106 Earnstlow Drive
La Canada, CA 91011 U.S.A.
LOS ANGELES COUNTY

| STATION | MO | DATE | HR | GMT | FREQ | REMARK | MODE | QSL | TRX | ANT |
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PAØKEP

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NORTHRIDGE, CALIFORNIA U.S.A.

N6DSP

Ex-K6KWL

| QSO WITH | DATE | TIME | MHZ | MODE | RST |
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| | | | | | |

KENT VOLKMER
9315 RHEA AVENUE
NORTHRIDGE, CA 91324 U.S.A.

BEST REGARDS,
DE

DOV-DON'T GET VIOLENT!

KARDOV

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MAVNI AVOID VIOLENT MAGES

JOHN C. MCKINNEY
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DX ASSOCIATION

STANLEY S. BROKL

N2YQ

KA6TFH

| QSO WITH | DATE | TIME | MHZ | MODE | RST |
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| | | | | | |

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WA6GSE
Dennis Smith
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K6DNS

Walter H. Mushagian
9735 Ardenale
Arcadia, Calif. 91006

HK4CVV/W6

PROGRAMMER EDUCAR
73 FROM ELATA MAJ MEDAN

1024 GREEN LANE
LA CANADA, CALIFORNIA 91011
U.S.A.

N6ET

| QSO WITH | DATE | MONTH | DAY | TIME | MHZ | MODE | RST | QSL | TRX | ANT |
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| SMITH 322.3 | 10/20/00 | | | | | | | | | |
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| ANT | | | | | | | | | | |
| TRX | | | | | | | | | | |

BOB POLANSKY EA4WJK

K6ICS

DR. MICHAEL R. GAUTHIER
8550 BALLANTIN ROAD
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ALSO WB2QZ, 4X OH4QI 05AJG
K6BC, 6E0DQ, 2E1DQ, 3E1DQ

| STATION | DATE | TIME | MHZ | MODE | RST | QSL |
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MESSAGE:

N6NO

MERY MALMEDAN
217 SOUTH ALSTON ROAD
ARCADIA, CALIF. 91006
U.S.A.

| RADIO | DATE | GMT | MODE | MHZ | RST | QSL |
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