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MAIL STOP

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 W6VIO Calling M/S 233-208
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 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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CONGRATULATIONS TO OUR NEW JPL ARC BOARD FOR 1985

PRESIDENT	JON ADAMS	WA6IRH
VICE PRESIDENT	DICK MALM	KF6FK
SECRETARY	CARL DeSILVERIA	KG6LG
TREASURER	RICK McKINNEY	KA6DAN



**CHECK AND
 BE CORRECT**

1985 TUNE-UP CLINIC: FEB 2

With the gracious cooperation of member Mike Santana, WB6TEB, the JPLARC will hold its eighth annual TUNEUP CLINIC on SATURDAY, FEBRUARY 2, 1984, between 9am and 12 noon at Mike's home, 1050 Monte Verde Drive, Arcadia.

Mike will use professional test equipment to check VHF and UHF transmitter and receiver channel frequencies, voice and tone modulation levels, power output, receiver sensitivity, and spurious outputs. Some minor repairs may be possible, but only on a non-priority basis.

Just because you are "getting by" with your equipment doesn't mean it is working up to snuff. Many problems stem from neglected radios, although the users seldom realize it. For example, most IC-3AT's were delivered with their deviation levels set too high. Is yours one of these? (Your voice will SOUND more intelligible and less distorted if the deviation level is set correctly.) Also, crystals drift with age, and even synthesized rigs (which have at least one crystal) need annual tweaking to stay "on frequency." If your gear is properly adjusted, it will be more likely to perform well under marginal conditions - which Murphy practically guarantees will happen in an emergency!

To maintain its readiness for emergencies, the club strongly recommends a thorough rig checkup EACH YEAR. Best of all, it's FREE and the club will even provide coffee and donuts!

Please remember on February 2 to bring your manual and schematic, and if you have a crystal rig bring the channel frequency list!

Take the 210 Freeway to the MICHILLINDA off-ramp. Take Michillinda south; at Monte Verde (two blocks south of Colorado) make a left (east). Continue east on Monte Verde to the first stop sign (Altura.) Mike's home is on the Southeast corner, at 1050 Monte Verde. Come on into the garage.

Local talk-in will be available on 223.5. (N6NO)

RAFFLE

ONE set of 1983 Call Books will be raffled off on 7 January 1985. Bruce Beaudry will pick a random number from 0 to 1,000. Please send your 1 guess to Bruce by 6 January 1985 - Mail Stop 179-209.

ICOM 3AT PAD

If your ICOM 3AT Touch-Tone Pad numbers have been worn-off through continual use of certain symbols, you may obtain a free rubber pad replacement by writing to the Service Department, ICOM America, 2112 116th. Avenue, Bellevue, WA 98004. Replacement is not difficult if you have a small Phillips screwdriver and a pair of tweezers (angled tip preferred). Ten screws are involved: Two binder-head on each side of the back; Four flat-head in the battery compartment (note polarity orientation of guide plate); and four small binder-head screws which secure the touch-tone p-c board. Care should be taken not to lose these small screws. A clean table-top with lots of good light is recommended. You will notice that the front and rear castings will not separate very far because of the speaker and microphone wiring, but don't worry. Once the touch-tone p-c board is loose, the rubber pad can be pulled out through the large square opening in the front casting, and the new rubber pad installed through the same opening. No soldering is involved. ICOM claims the new paint on the rubber pad will last longer than the old. Time will tell, but the price is right!

Good luck - (Paul K06D)

RECEIVER DONATION

Norm de Groot, W6SXY, has graciously donated a Drake 2C receiver to the JPL-ARC for use by Radio Class students wishing to improve their code capability by listening to WIAW at home. The unit will be available on a loan basis. It covers the 10M, 15M, 20M, 40M and 80M amateur bands and is capable of detecting CW, LSB, USB and AM signals. The receiver is complete with separate speaker and Instruction Manual. Contact a Club Officer for further details.

(Paul K06D)

President's Message

There was an excellent turnout (SRO) at our November meeting as a Yaesu (pronounced yi-sue) representative showed a film and discussed future thoughts and plans. It was a very informative discussion that provided many of us a new insight as to the what goes on and why, in the development of those tiny and sometimes magical performing boxes.

The year is drawing to a close as I look back to see what the club has done and where the time has gone. As is the case with many activities not enough time to accomplish all that is hoped or desired. However we have kindled interest and are on the road towards exploring and implementing new activities such as gateways, packet radio, computer administration, and remote base. Of special significance is the focus on providing support to the NOVICES; a dedicated operating position in the club station and the possibility of "loaner-rigs" to get them on the air. Let's all support the new administration in furthering the realization of these endeavors.

I'll take a few lines to thank my board, other committee members, and innocent volunteers for their support during the year, for without it I would still be back in January 1984.

My congratulations and wish for success to the new officers for 1985:

President:	Jon Adams, NW6H
Vice President:	Dick Malm, KP6FK
Secretary:	Carl DeSilveria, K6GLG
Treasurer:	Rick McKinney, KA6DAN

73's
Kerry (N6DSG)



HAPPY HOLIDAYS

DX NEWS by Bob, N6ET



DX NEWS

Another month has gone by and, again, no on the air activity by N6ET. Thanks to the LIDX, this DX NEWS column can get written anyway! I simply must get down to serious DXing once again. If you hear N6ET/6 operating over the Christmas vacation, it will be me making a futile effort on 20 meters with a dipole at 20 feet and 100 watts. It's rumored that I could get all the way across the US! Anyway, now to the serious DX stuff---

CHAGOS ISLAND-VQ9YR operates at 21,365 kHz from 1430Z. I'm not sure if the West Coast has propagation at that time.

CHINA-BY4AA will be active through 25 Dec from 14,160-14,190 kHz from 0600 to 1200Z. Again, I'm not sure that the band is open for the West Coast during that period.

MACQUARIE ISLAND-VK0YL will be on the island for 1 year. The station will soon be active on 20 and 40 meters both on phone and cw. VK0GC is available until then on 20 through 160 meters, also both phone and cw.

MAYOTTE-FH4AA is active near 21,305 kHz at 1700Z.

OMAN-Look for much A4 activity on 20 and 21 December. The Royal Omani ARS is celebrating an anniversary of their club.

USSR-UJ8JX, UL7CAD, and UM8MU operate long path daily from 7002-7007 kHz from 1100 to 1200Z. If you're lucky, you might also catch UL7CD near 7008 kHz from 0200Z.

JAN MAYEN-Look for AH3AC sporting a new call from this garden spot from about 10 April. He is currently active from Iceland on both 20 and 40 meters.

Good luck to all of you and have a VERY MERRY CHRISTMAS, and a HAPPY NEW YEAR.

Bob, N6ET

This article comes to us from our Fellow Club Hughes and their excellent Technical Corner Column. Thanks.

TECHNICAL CORNER

ICOM O2AT MODIFICATION

The Icom O2AT can easily be modified to cover the maritime bands above the amateur two meter band. In fact, continuous coverage is possible from 144 MHz to 165 MHz! It does, however, take a bit of dexterity to poke in the innards of this handheld, including a delicate soldering iron with a tip like a surgical instrument.

If you're up to the challenge, give Chuck Lobb a call on 414-6703 for a copy of the detailed instructions. (Thanks to Gordon Cole, WB6GUC, of Hughes Irvine ARC for this input.)

Chuck - KN6H

This article comes to us from the West Coast ARC.

Many have experienced the confusion of traffic accidents and have had to try to summarize exactly what happened in a few words or less on insurance or accident forms. The following quotes were taken from these forms and were eventually published in the Toronto Sunday, July 26, 1977.

Coming home, I drove into the wrong house and collided with a tree I don't have.

The other car collided with mine without giving warning of its intentions.

I thought my window was down but found out it was up when I put my hand through it.

I collided with a stationary truck coming the other way.

A truck backed through my windshield into my wife's face.

A pedestrian hit me and went under my car.

The guy was all over the road: I had to swerve a number of times before I hit him.

I pulled away from the side of the road, glanced at my mother-in-law and headed over the embankment.

In my attempt to kill a fly, I drove into a telephone pole.

I had been shopping for plants all day, and was on my way home. As I reached an intersection a hedge sprang up obscuring my vision. I did not see the other car.

I had been driving my car for four years when I fell asleep at the wheel and had an accident.

I was on my way to the doctor's with rear end trouble when my universal joint gave way causing me to have an accident.

As I approached the intersection, a stop sign suddenly appeared in a place where no stop sign had ever appeared before. I was unable to stop time to avoid the accident.

To avoid hitting the bumper of the car in front, I struck the pedestrian.

My car was legally parked as I backed into the other vehicle

An invisible car came out of nowhere, struck my car, and vanished.

I told the police that I was not injured, but on recovering my hat, I found that I had a skull fracture.

I was sure that the old fellow would never make it to the other side of the roadway when I struck him.

The pedestrian had no idea what direction to go, so I ran over him.

I saw the slow moving, sad faced old gentleman as he bounced off my car.

The telephone pole was approaching fast, I was attempting to swerve out of its path when it struck my front end.

COOKIE RECIPE OR LEAVING CARROTS FOR SANTA'S REINDEER OR
WALKS TO CHURCH AT MIDNIGHT OR GOING UP TO THE SNOW EACH YEAR

HOLIDAY TRADITIONS

WHAT DO YOU AND YOUR FAMILY DO FOR THE HOLIDAYS?

BOB POLANSKY N6ET - Our family spends as much time as possible, at Christmas, in a mountain cabin at Big Bear. We decorate a large Christmas tree, set up the electric train, throw snowballs, hike around the town, and keep a cheery fire going in the fireplace. Santa always visits on Christmas Eve. We've even been known to consume cups of hot-buttered-rum! Merry Christmas to all. Santa Claus, N6ET.

FAE AND JIM LUMSDEN WA6MYJ - Making peanut brittle or candy canes in 10 pound batches and reading "Night Before Christmas" to the kids and knowing that "... and to all a goodnight." means just that.

KAY GOODWIN KF6CW - We always have a miniature "choir" on the mantel, made of iced chocolate choir boys, given to us when our 34 year old was less than a year old. The chocolate gets more hollow each year, but the icing holds up splendidly! On our tree are silver ornaments handmade in a little Bavarian village, to which we made a special trip on one of the Helios journeys in 1971. One year I found (at a sale) a lot of "spoiled" personalized brass tree ornaments. Each year we make a little wish for the unknown "Baby Susie", "Cynthia and John", "My best friend Joe", etc. as we put them on our tree. "They're like family, now." We always attend the Christmas concert at our Church--a carol sing with choir and orchestra on Christmas Eve, and the Midnight New Year's Eve Service--usually having supper beforehand with neighborhood friends. At least we do if we're not otherwise engaged that night. Happy Holidays, everybody! Oh--we hang Christmas stockings (I made them in 1951 and our daughter's was marked?" until she was about fourteen) in the dining room, and greens over the doorways, and play a wonderful record of famous German choirs singing Christmas carols, given us by Karl Voge, whom some may remember from Herios days. One member of the family is always elected Santa Christmas morning, and hands out gifts one at a time. We open them one at a time, in turns, so everybody can oh and ah, and we make ridiculous guesses as to what's in each package. There are always packages for our daughter's cat, and any expected dinner guests, and we have photos of every tree for the the last 38 years, as well as of people around the Christmas table. If the weather's nice, we walk around the neighborhood, greeting friends as they do the same, after the gift unwrapping. It's fun just thinking about it!

KERRY AND DANETTE ERICKSON N6DSG & N6IRC - Non Alcoholic Pink Punch

2 bottles white grape juice 1 24oz. bottle cranberry juice 2 small cans frozen pink lemonade
2 24oz. bottles club soda (thawed but not reconstituted)

Combine juices and lemonade. Put ice in punch bowl. Add Club soda. (Serves 35) This recipe is from the PTA Council's Alcohol Education Program.

Christmas Cutout Cookies

3½ cups sifted flour 1 tsp baking powder ½ tsp. salt ¾ cup butter or margarine 1 cup sugar
2 eggs 1 tsp vanilla

Beat butter with sugar until fluffy light. Beat in eggs and vanilla. Stir in flour mixture (flour, baking powder and salt), 1/3 at a time, to make a stiff dough. Chill, roll out, cut and bake on ungreased cookie sheets 10 minutes at 350°. Makes 4 dozen cookies.

STAN SANDER N6MP - Going to Mom's house to eat traditional German Christmas cookies called Lebkuchen and then lighting Christmas candles (angels, reindeer, etc.) on Christmas Eve after Church.

BLANCHE AND FRANK KENWORTHY - Christmas Eve the family arrives (Oh well - Christmas as usual) Ye Gads where did they all come from? All my well-made plans gone astray - the year the system was supposed to work - Where did I go wrong. Oh no! Here we go again - the "Remember When Conversations" Please not again - I can't take it. Remember when you got the bicycle that I asked Santa Claus for? Remember when Mom burned the rolls? Well this year I'll fix them. I'll play the tape recording that I recorded years ago - they'll get the message.

Editor's Note: My Mom laughed as she was writing the above and never expected me to print it. She said that she couldn't think off-hand of any traditions that we have. She forgot the fact that we have a beautiful Christmas tree each year with ornaments that I and my sister Nancy and brother Frank grew up with. Also the train that my Father went out and bought for my brother Frank when Frank was only 4 months old because my Dad thought every boy should have an American Flyer electric train set. That train has been under our tree each year along with a village that my Mother sets up with miniature houses, and ice skaters on a pond and skiers coming down snow-laden hills made out of a white sheet. Then too she and my Father have short memories when it comes to recalling all the nice things they've done at the holidays over the years. During the Vietnam War each Christmas and Thanksgiving they opened their home to servicemen from all over the Country. There were years in a row when we had a group of soldiers, Marines and Air Force personnel that were displaced from their loved ones for Christmas dinner. There was always

(Continued from Page 4) enough food to stretch the dinner for one or two more than the already invited guests. They also wouldn't remember a certain Christmas when the next door neighbors (who rented their house from my parents) were 6 months behind in their rent - the father lost his job - they had 6 children their car was repossessed the week before Christmas and they had no money for food. My parents went out and bailed the man's car out, bought food for the family to tide them over and then went out and got toys for the kids for Christmas so that Santa could make his scheduled stop. When I asked them why they got the man's car back for him - my Mother just said - if the man doesn't have a car - how can he go out and get a job to make some money so that he can pay us the rent that he owes us? She didn't fool me for a minute - they both have mushy hearts and after all isn't that the true meaning of Christmas? I grew up thinking I had the best parents in the world and I never changed my mind. Eileen

EILEEN AND JOHN McKINNEY KA6DGV AND N6AVW - John and I have stockings that John's Grandmother (God rest her soul) made for us and we hang them on the fireplace each year. Her daughter has since made them for Michael and Matthew and the tradition continues. John always has a lump of coal in the toe of his stocking. Santa always leaves coal in the stocking of someone who's been bad and so the first year we were married (almost 17 years now) Santa left a lump of charcoal (wrapped in foil) in John's stocking and it's been there ever since. Each year we have plum pudding with a sauce recipe that my Great Grandfather handed down through the generations. It's one of my favorite parts of Christmas. I buy the pudding and then make the sauce. John and I make "candy trains" for our neighbors and the list has grown now to 15 trains. What an undertaking. This year will be Matthew's FIRST CHRISTMAS so we're excited about that. He's already crawling everywhere and standing up so it'll be a challenge to keep him away from the tree. Michael will be 15 on Dec. 26th. so we have a double celebration each year. The first ornament that goes on our tree is the one that they gave me in the hospital when I had Michael that said "Baby Boy McKinney" on it. It's very special! Have a wonderful Christmas and take time out to enjoy your family. Don't let the time go by without telling them you love them. 88's Eileen

JAY A. HOLLADAY W6EJJ - I always end up finishing my shopping Christmas Eve. This year we are having our big dinner that night so this fact breaks my "tradition".

RECIPE from Mrs. W6EJJ - Apple Mallow Yams 6 to 8 servings

2 apples, sliced and cored	2 16 oz. cans yams, drained
1/3 cup chopped pecans	1/4 cup margarine
1/2 cup brown sugar, packed	2 cups miniature marshmallows
1/2 tsp cinnamon	

Toss apples and nuts with combined brown sugar and cinnamon. Alternate layers of apples and yams in a 1 1/2 quart casserole. Dot with margarine, cover and bake at 350°. 35 to 40 minutes. Sprinkle marshmallows on top and broil until lightly browned.

RICK McKINNEY KA6DAN - I dress as a Friar and bring a Christmas "Blessing" to my fellow co-workers at JPL. Despite numerous requests; I don't do confession or absolution. (Friar) Rick.

NORM CHALFIN K6PGX - The Hannukah Holiday, which celebrates the stretching out for eight days of a small amount of oil for lights normally not able to last that long. It was considered a God-given miracle. This is why there are usually eight candles on a Menorah (candelabra) with a ninth in the middle for good measure or good luck. During the holiday the kids are given "Hannukah Geld" (coins), and play with a "Dreydel" - a small faceted spinning top with Hebrew characters on each facet. The kids wager their Hannukah geld although they were not supposed to. About 60 years ago I played a bearded old uncle in a play by Sholem Alekhem called "Channukahgeld" Anyway I think it was by Sholem Alekhem. Sholem Alekhem is a pseudonym for a famous Yiddish Author - "Sholem Alekhem" is a Hebrew Expression meaning "Peace Be With You" The Arabic "Salaam Alakim" means the same. Norm.

DAN BATHKER - NEW YEAR'S EVE RECIPE AT K6BLG:

First, an ounce or two of Harvey's Bristol Cream Sherry all around. CHEERS. MMMM.... Then, at 0000GMT (A Convenient 4PM PST on 31 December) I ALWAYS tune in the BBC to hear London and Big Ben toll in the New Year. Actually, I allow 15 minutes for receiver warm-up (who needs that, anymore) and tuning down past the M.U.F. to assure my guests good reception. A very few minutes later, the guests are off enjoying another ounce or two. While my glass is dry. Rejoining them with another Harvey's, I vow not to explain how a virtually guaranteed opening now exists towards JA - and VK-land (You see, it's roughly high noon now, just South of KH6-land, andThe Sun.....) and I simply rejoin all the others. QRT and Cheers.

