

# DXer

N O R T H E R N  
C A L I F O R N I A  
D X C L U B



## DXer Profile: WE6V, Jim O'Keefe

(See Story on Page 8)

Gem Quad at 52 Feet

GAP Titan Vertical



310  
Confirmed  
on CW  
First  
Licensed  
in 1981

Rigs:  
Yaesu FT-990,  
IC-751A



Extensive CW Key Collection



Main Operating Position

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**General Meeting  
October 8, 1999**

**American Legion Post 105,  
651 El Camino Real,  
Redwood City**

### Program

**Garry Shapiro, NI6T  
Rodriguez Island DX-Pedition**

**NO DINNER**

**Social Hour 7:00 P.M.  
Meeting at 8:00 P.M.**

**Directions to the Meeting  
(See Map on Page 7)  
From the North or South:**

**Take the Woodside Road exit  
west off Highway 101 and  
turn right on El Camino.  
Drive about half a mile to 651  
El Camino (on the right).**

**N O R T H E R N  
C A L I F O R N I A  
D X C L U B**

**Club Officers:**

President: Dick Letrich, W6KM  
 Vice Pres: Chuck Patterson, K6RK  
 Secretary: Bill Fontes, W6TEX  
 Treasurer: Bill Maurer, WB6JJJ  
 Director: Marilyn Bagshaw, N6VAW  
 Director: Ron Panton, W6VG  
 Director: Don Anastasia, AA6W

**The DXer:**

Editor: George Allan, W6YD  
 668 Chemeketa Dr  
 San Jose, CA 95123-3012  
 408-226-0497  
 w6yd@aol.com

Printing, Mailing: Don Anastasia, AA6W

Web Page: Chuck Vaughn, AA6G

<http://www.ncdxc.org>

DX Ladder: John Kelly, KG6XF

9-Band Award: John Brand, K6WC

Contests: Doug Westover, W6JD

California Award: Robert Bickel, K6FX

Historian/archivist: Ron Panton, W6VG

Records Manager: Ron Panton, W6VG

Publications Mgr: Ron Panton, W6VG

**Club Repeater, W6TI/R**

Frequency/offset: 147.36 MHz, +

Trustee: Bob Vallio, W6RGG

Comm. Chairman: Eric Swarz, WA6HHQ

Club simplex: 147.54 MHz (suggested)

Thurs. Net QTR: 8 pm local time.

Net Manager: Randy Wright, W6CUA

DX News: Net Control Operator

Swap Shop: Ben Deovlet, W6FDU

QSL Information: Mac McHenry, W6BSY

**W6TI DX Bulletins:**

W6TI Station Trustee Bob Vallio, W6RGG, transmits DX information at 0200 UT every Monday (Sunday evening local time) on both 7.016 and 14.002 MHz.

**Club address:** Box 608  
 Menlo Park, CA  
 94026-0608

Dues: Full or Assoc. Member: \$ 24 Per Year

Absentee: \$ 16 Per Year

Family: \$ 24 + \$15 Per Additional  
 Family Member/Year

*The DXer* is published monthly by the Northern California DX Club and sent to all club members. Unless otherwise noted, NCDXC permits re-use of any article in this publication—provided *The DXer* and the article's author are credited.

## President's Comments



For inspiration, I dove back into my archives of DXers. They start back in 1978 when I first joined. I thought I could check out some words of wisdom from Past Presidents. But much to my surprise, there were no Presidents' Messages! The DXer in those days was generally only two pages.

The President then, was Charlie Kump, W6ZYC-SK. VP was Ted Davis, W6BJH "Big Juicy Hamburger" now living in Redding and not in the current Roster. SEC'Y. was Ron Rassmussen, K6OP "Old Professor", now living in Sun City West (Phoenix) AZ; Howard Hale W6SC "Santa Claus" -SK, Merle Parten, K6DC "K6 Dog Cat" now living in Santa Barbara; DIR. Bob Thompson, K6SSJ-SK; DIR. Rich Lawton, N6GG not in the roster; Chuck Patterson K6RK "K6 Rotten Kid", who was keeper of the DX Ladder and who, of course, is our current VP! I knew/know all of them. What fond memories of the meetings! Boy, did we have fun - lots of fun! If you don't know the names and personalities because you came along later, that's understandable.

But, when did you join? Do you have any good memories? Well, you never will get to know your fellow Hams, if you don't ever come to any of the meetings or club functions. You may never get the chance to form friendships or learn about your fellow club members. I'm sure glad that I did! It's been a ball and I wouldn't trade it for anything.

Here is some good news... You can mark your calendar now, so you won't miss out on any of the fun. The club will continue to meet at the same location and time with the exception of the December Christmas Party and the April International DX Convention. We have reserved the meeting place (American Legion Post #105, Redwood City) up until June of 2000. So mark the 2nd Friday of each month and come on down/over/up/under or whatever... just show up and get in on the action.

Hugh Cassidy, WA6AUD has forwarded some great HAM LITERARY STORIES to our Editor, George Allan, "W6 Yankee Doodle". Be sure to read and then re-read them when they appear, as they are what Ham DX History is all about!

I know this may seem a bit premature, but don't forget to get your money in to Doug Westover, W6JD, for the Christmas Party, a real great feast for \$20 each. The date is December 9th.

Were do you stand on the DX Ladder? Well, I checked my first submittal and the date was December of 1979, as an Associate member a grand total (and I was really proud of it then as I am today) of 87! And that was confirmed! But I had to work well over the required 100 to achieve full membership! But, as it is today, mail seemed to get waylaid and it took forever to get all of the cards.

I want to take this opportunity to congratulate Andreaus Junge, N6NU who has confirmed 100 countries and become a full member! The snail mail finally caught up with the lost/last QSL cards!

You know, all too many of us that have DXCC or the 100 Confirmed, tend to forget all of the hard work and patience it takes to get to that pinnacle. I think it is much harder today for several reasons. Reasons like; the bands are not great; DX does not QSL like they did in the old days; and many Russians have a real difficult time getting their QSL's out, due to the loss of the Moscow DX QSL Bureau.

Now, there are some who would totally do away with the full membership requirement of 100 confirmed. Yet some of these same people are downright furious that the FCC plans to almost drop the CW code requirements.

HEY, when you are a full member of the NCDXC, you have proved to the world that "YOU ARE A TRUE DXer." You had what it took to earn your Badge of Membership. We as DXers, encourage anyone interested in DX to apply for Full

## General Meeting

### Minutes of the NCDXC meeting of 10/Sept/1999

Meeting called to order by president Dick Letrich W6KM at approximately 8:00pm  
Dick introduced W6NUC and KG6D who were applying for membership. He also related the outline of the evening meeting to the members. Reinstatements of Tom McShane NW6P and Reginald Olsen NH6T were read and approved. W6NUC and KG6D were voted in as new members of the Club.

David Rice, W6NUC Extra Class  
1450 Laurel #2, San Carlos, CA 94070  
H-650-593-7840 W-650-361-9006  
E-mail w6nuc@arrl.net

Kevin Gehrke, KG6D Extra Class  
35926 Adobe Dr., Fremont, CA 94536  
H-510-797-9737 W-650-694-3134  
E-mail kevin.gehrke@gte.net

WA6HHQ, Eric Swartz has resigned as Repeater Chairman and a replacement is being sought.

WB6JJJ, Bill Maurer handed out the treasurer report and budget to all members and asked for input of any nature by any and all club members.

N6VAW, Marilyn Bagshaw, sitting in for K6RK introduced W6OSP Bruce Butler, who gave a fine presentation of the Temotu Island DX-pedition. At the conclusion, Bruce was given a special speakers award by W6KM. Also, a special award to W6YD for his volunteer work on the convention and stepping up to take on the job as DX editor.

W6KM pointed out that this was not a new award and had been done in the past and the award was created and made by W6ISQ. He asked that W6ISQ Jack Troster give the members a little history regarding the award.

Questions regarding painting of the repeater tower and antenna installation by W6OOL concluded that W6CS, "Smitty" will investigate and report back to W6KM.

W6OSP related some information regarding the P5 operation. He noted that the call P51BH is not Martti's call, but the call of the Casino Operator. They are building a gambling casino that may be used as a site in the future. Prospects for future operations look good.

Meeting adjourned at approximately 9:20pm

W6TEX, R.W.(Bill) Fontes Secretary

### President's Message (Continued)

or Associate Membership. And, if they have to work to get full membership, they can be proud of their accomplishments. Let other DX clubs that suggest, to be a member, all they have to do is "...profess an interest in DX..." do it their way.... We know that to belong to the "NORTHERN CALIFORNIA DX CLUB is the REAL THING."

Dick Letrich, W6KM



## New Members

### Congratulations !

David, W6NUC & Kevin, KG6D



Voted into Full Membership on  
September 10, 1999

## Marathon

As most of you know, over the past few years the club marathon contest has been less than overwhelmed by participants. In a good year I will get four logs. There are a number of possible reasons for this other than just plain disinterest, several that suggest themselves are that many go away on vacation in the July/August period and propagation is certainly not its best.

So, in the hopes of eliminating the vacation/propagation problems, several months ago the club BOD voted to move the marathon date to Dec/Jan. Although this was published in the DXer and I made one such announcement on the 2 meter net I still received 3 logs for the summer dates. I will send certificates of participation to the three entrants and hope that we can get some more enthusiasm for the winter version of the marathon.

Doug W6JD  
Contest Chairman





## NCDXC Treasurer's Reports

July / August / September 1999

As of 9/18/99

### Income:

Dues	\$4,663.00	200 dues paying members
Reinstatement Fee	\$5.00	
Life	\$700.00	2 Life memberships
Donations	\$34.00	W6LUX requested overpayment to fund Repeater acct.
QSL Cards	\$790.04	
Badges	\$14.50	
Refund	\$50.00	July Picnic refund - city of Pleasanton
Total Income	\$5,402.00	

### Expenses:

	July	August	September
Dxer Printing	\$201.80	\$234.90	\$219.67
Dxer Postage	\$58.00	\$76.00	\$82.40
Repeater Phone	\$26.01	\$25.71	
Storage locker - annual		\$715.00	
WEB page Hosting - 6 months		\$119.70	
Meeting Room - thru June '00			\$350.00
Christmas Party - reservation		\$100.00	
Club Officer's Expenses:			
President		\$290.39	
Secretary			\$41.17
Treasurer		\$52.98	
Directors		\$67.46	
Misc. expenses	\$172.80	\$14.07	\$235.99
Calif. Secr. of State		\$60.00	
Funds Xfer to Repeater acct. per Procedure Manual par. 6-100e			
\$526.50			
<b>Total expenses</b>	<b>\$458.61</b>	<b>\$1,756.21</b>	<b>\$1,455.73</b>

### Checking Accounts:

Club acct.	\$29,280.51	Includes \$2925.65 from '99 Convention
Repeater acct.	\$1,807.34	
Convention acct.	\$0.00	
TOTAL	\$31,087.85	
CD acct.	\$10,115.84	
Current Club Total	\$41,203.69	

## Proposed NCDXC FY'00 Budget

### Checking Accounts:

Club acct.	\$29,280.51	Includes \$2925.65 from '99 Convention
Repeater acct.	\$1,807.34	
Convention acct.	\$0.00	
Subtotal	\$31,087.85	May start another \$10k CD acct.
CD acct.	<u>\$10,115.84</u>	
<b>Current club total</b>	<b><u>\$41,203.69</u></b>	As of 9/18/99

### Income:

Dues	\$4,567.00
HRO - Dxer Advertising	\$600.00
Life Membership	<u>\$700.00</u>
99 Convention	<u>\$2,925.65</u>
<b>Total income:</b>	<b><u>\$8,792.65</u></b>

### Expenses:

Dxer Printing	\$3,000.00	Best guess <b>Fixed</b> expenses ↓
Dxer Postage	\$1,000.00	
Roster Printing	\$350.00	
Roster Postage	\$175.00	
Storage Locker	\$715.00	
Repeater Phone	\$325.00	
CA State Gov.	\$10.00	
Club Insurance	\$350.00	
InterNIC reg. Service	\$35.00	
WEB Hosting-SLIP.NET	\$240.00	
Meeting Room	\$350.00	
DX Contest Awards	\$300.00	
Misc. Club Officer expenses	\$1,000.00	
Christmas Party	\$500.00	
NCDXF donation	<u>\$1,000.00</u>	
<b>Total expenses</b>	<b><u>\$9,350.00</u></b>	

### Membership:

Dues paying members (Includes 19 Absentee and 14 Family members)	200
Life members	33
Charter members	3
Honorary members	<u>8</u>
<b>Total members</b>	<b>244</b>

*Please, Note:  
This budget will soon be voted upon by the Board of Directors.  
If changes, additions or deletions are desired, please contact the  
Treasurer via email at "maurer@ihot.com".*

**9-Band DXCC Submissions**

By John Brand, K6WC

It's time for your 9-Band DXCC Award submissions again. Forgot what it's all about or how to do it? Here's a brief reminder.

1. Purpose: To promote continued interest in DXing by all club members on all HF bands and to recognize DXing achievements by individual club members.
2. To be eligible, you must have worked at least 100 countries on any one HF band since October 10, 1987. You don't need to have worked 100 countries on all 9 HF bands to receive the basic plaque.
3. Bands: 160 through 10 meters including the WARC bands.
4. Numbered tags for the plaque are issued in the following increments: 100, 150, 200, 250, 260, 270, 280, 290, and 300.
5. The plaques and endorsements are award based on the honor system. After all, who is more honorable than a DXer? No QSL cards are requested or required.
6. You should use the current ARRL country list to determine what is accepted as a claimed country or not. Do not claim deleted countries.

The costs this year are as follows:

New 9BDXCC Plaque (one time)	\$ 36.00
Band-Country Tags (each)	\$ 1.00
Surface Mail - U.S.	\$ 6.00
Surface Mail – Foreign	\$ 8.00
Airmail – Foreign	\$ 22.00

Here is an example on how to request endorsements for your plaque. Maybe you did well on 10 meters this past year. You have never applied for 10 meter endorsements before, but now  
(Continued on Page 7)

**THE OLD REFRAIN**

By Hugh Cassidy, WA6AUD

One of the Locals was by last week and we sat in the shade of the big oak tree and just talked. Mostly about DXing. My friend was not especially bubbling with joy.

“Whatever happened to the good old days”, this DXer asked, “the days when every country was new and the bands open twenty four hours a day, even ten meters. And two meters was alive and DXers were always there to talk or listen. What happened?”

Maybe it is true, as they say, that the best therapy is talk. We urged this one to tell us more.

“Look at the club meetings”, this Local said, “remember when we used to have big crowds at every meeting, fifty or sixty for dinner and the club had less than a hundred members. And the meetings, the fights, the arguments and the general chaos, you never were sure what was going on, but it sure was fun and exciting. What happened?”

We said nothing, just planning to keep silent and to remember some of those good old days long gone. Like the night that Ray Eichmann stormed out of the Fork and Cork in high indignation over something and slammed the door so hard that it fell off the hinges.

Or when W6CF was stuck as president and some scoundrels found that the p.a. outlets along the walls could be shorted with a car key. And every time Jim tried to talk, the p.a. system would start howling. The more it howled, the more Jim thumped the mike into his palm and the more the hilarity rose.

Or even the night that a very well known DXer was told by the chair that he could not participate in discussing a motion, as he had not paid his club dues. The famous DXer's safety valve was popping as he left the room rather than staying to protest in vain that he had paid his dues. You could tell by his complexion that the steam was up. Away up!

He had paid his dues.

Or even the night that one of the most staid members stood up at election time to voice his plaintive hope that the club would no longer be subject to such uproars, that the good old meetings with peace and quiet and brotherhood would again be expected and found at every club meeting. Saying this as he fixed his schoolmarm, steely glare at some of the more noisy miscreants. From a distance, that is.

He said just that. Unfortunately, he did get tranquility. It turned out to be far less exciting than the other kind of meetings.

Then there was the night when a few members organized a plan to stymie the election of an active DXer into the club, canvassing some members before the meeting and many more at the meeting to get votes not to admit the applicant.

Three hours of debate, four 'secret' ballots and all the shouting and uproar any revolutionary activist might wish. The fourth ballot brought the applicant over the required mark and the chair immediately declared him elected to membership. Actually, no one at the meeting ever brought up the point as to how many ballots had to be taken before an applicant was accepted. Some figured the rule meant only enough to get the required number for admission.

This one, an industrious DXer, actually did turn out to be a good member and a good DXer. He, in the years following, was often helpful to others. In later years more than one long time club member would recall that night for one of the best meetings the club had ever had. Ever!

But remembering our own good times from earlier in the century was not doing our visitor any good. “Just what bothers you”, we asked, to wind him up again, “and what do you think should be done?” It was a good move.

“You know what I think”, the Local said. And, indeed he was right. We had heard this litany recited before. But, having said that, the Local was again in his pulpit for another go-round.

“Look at packet radio”, the Local started in, “look at what has happened to two meters. Once it would crackle all day and most of the night. Now hardly anyone is to be found there. Right?”

He won our vote. Two meters is not what it used to be and with packet radio, one can check a whole day's action in a few minutes and even without having to listen on the bands. Or even two meters, for that matter.

(Continued on Page 7)

**The Old Refrain (Continued)**

“And the meetings”, the Local continued after drawing a deep breath, “they are not what they used to be. Back in the good, old days, like at the Fork and Cork, meetings were fun and many members would come early to get a good seat for the fun time. You know, after the Happy Hour. And remember the night that Don Miller was there with that other fellow. Remember the crowd that night and the almost non-stop cheering that rattled downtown San Mateo. Remember?”

Of course we remembered. Those were good old days, but the good old days are gone and no new ones are left. Maybe it gets like some fellows tell of WWII and the good times they had in the service. Like the fellow in the club who says that after the war in Europe ended, the Air Force lost him for four months in Paris. He, only surfacing when his name came up on shipping orders to go home. Often these stories get better with the years.

There always seems to be someone around who says he found the good times, even at the bottom of Maunder Minimum II. But before we had to run that route again, the Old Timer came up the hill on his way home and stopped by for a few minutes.

Our Local set out to enlist the Old Timer in his cause. It was a good pitch. We could see that the Old Timer was listening. Finally, the Local asked the Old Timer just what he thought might have happened.

The Old Timer thought a bit, stood up preparing to leave and only said: “They don’t sing the old songs anymore”. And he was gone.

For awhile, there was a bit of silence. Then the Local asked: “What was that supposed to mean?”

What could we say? We knew what the Old Timer was saying. Always somewhere, there is a band playing “Roses of Picardy”. Some hear it and understand. Others hear it and do not understand. And they have to ask why.

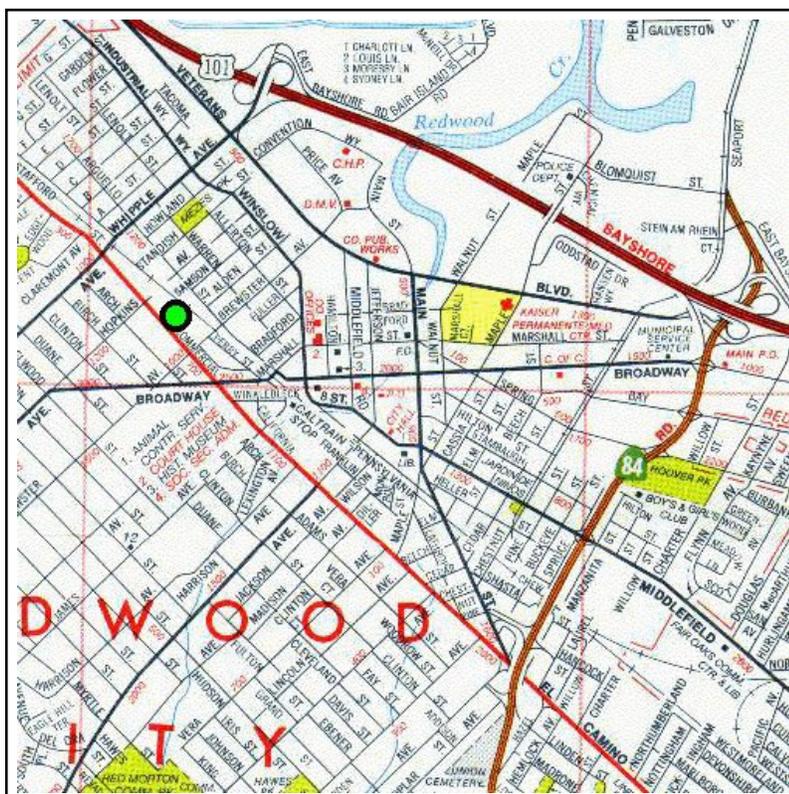
Why?

**9-Band DXCC (Cont’d)**

you are requesting an endorsement for 250 countries. You must apply for the 100, 150, 200 and 250 tags. Do not apply for the 250 tag alone. The cost will be \$4.00. If you have previous 10 meter endorsements, let’s say to 200, then you only need the tag for 250. The cost is \$1.00. Your plaque is designed to display each increment. The plaque would look rather bare if the only endorsements you ever applied were the 9 for 300 countries.

Please make request to me, John Brand, K6WC, 9655 Tanglewood Circle, Orangevale, CA 95662 by December 1, 1999. Do not list countries, just totals per band 100 and up. Include a check to cover the one-time cost of the plaque, the cost of the tags and the cost of mailing. Make checks payable (in U.S. Funds) to the NCDXC.

Got other questions? Try “jxbrand@aol.com”



**Map to Meeting Site**

At the left, is a map of the Redwood City Area, showing the location of the Monthly Club Meeting. This promises to be an outstanding meeting.

**Garry Shapiro, NI6T** will be presenting a program based on his participation in the recent Rodrigues Island DX-Pedition. And there should be lively discussion about the budget. Come join in the fun!!

We look forward to having an “eyeball QSO” with you!!

73, W6YD

## WHAT AUDIO?

As I spin around the 20 Meter band, I am always drawn (mostly by the splatter across the band) to the 14.277-.278 portion of the band. Here you can learn so much about improving your on the air audio quality. My Gosh, you only have to buy about \$1,000 worth of special equipment to improve your audio presence. Just think of it; all of this to just sit on the same frequency, day after day and tailor the audio highs and lows and all the response, to sound like AM! On USB-SSB! Only problem is, the bandwidth is as wide and splattering as AM is without all of the extra expense. But, on the bright side is that you can go back and forth to other hams and run tests and give advice, play back on your expensive recorders each others' wonderful tones. The AUDIO equipment you must buy has lots of knobs dials, sliders and meters, so you can be sure that you never ever quite get it right. Boy! And the fun doesn't stop here! Now you must purchase several studio quality microphones to play with. Lord help you, if you even get it close to right. What will you do then? I know; now you can advise others on what to buy and how they sound. Frankly I think their motto is like that of the Pontiac cars; "WIDER IS BETTER."

- ANYMOUSE.

## Editor's Choice

You may have noticed that this part of the DXer is shrinking! Hopefully, that's due to the increased content. This month we have 10 pages!

Club financials added significantly to this issue, necessitating the additional two pages. But, we're also getting more input from Members.

Last month we featured a story by W7XA. We also, received a letter from Al Lotze, W6RQ with propagation data., some of which, we included in the September issue. The 2nd installment of that data, is included in this issue.

This month we were privileged to receive, not just one - but, two articles from Hugh Cassidy, WA6AUD. The 1st is published in this issue. The 2nd, a previously unpublished article, entitled, "Remember the Maunder", will appear in the November issue.

So, keep the cards and letters coming!! That way, you will have to hear less and less from me.

73, W6YD

## DXer Profile: WE6V, Jim O'Keefe

Jim O'Keefe is WE6V. A quick call to Jim was made to see if he would be brave enough to allow me to use him as my first interview. I have to tell you, I was really nervous. Where do I start? What do I ask? What can I expect? Well, I shouldn't have worried, because the first thing Jim said was "how about a cup of coffee?"

So we sat down and I was introduced to Murphy. Going back a few years, I first met Jim as a member of SCCARA, which is the SANTA CLARA AMATEUR RADIO ASSOCIATION. SCCARA has been around since 1921. He has spent many years teaching code for SCCARA and he continues by running a 2 meter code class for SCCARA on W6UU and on W6APZ.

Jim was first licensed in 1981. He now has 310 confirmed on CW - DXCC and several more that he will submit in a short time. His current rig is a Yaesu FT 990 and he uses an IC-751A on 80 Meters only. By the way, all his contacts have been made without the benefit of a linear! In fact, he has never owned a linear.

He is quite handy with a soldering iron and has made many projects. He also has an extensive collection of CW Keys, which might be the subject of a future feature article or program. Jim's antenna farm consists of a GEM Quad at 52 feet. He has wire antennas for all the other HF bands. He has a GAP Titan Vertical and a ground mounted low level 2 meter antenna. Jim recently acquired a KLM-34A and plans on replacing the Quad with it.

Jim has been a club member since February 10, 1989 and I am pleased to say, I was one of his sponsors. So, after looking around, we returned to the coffee and another relaxing eye ball QSO. Thanks, Jim for getting me through this. I now believe I will have a better idea of what to look and what to ask. Oh, by the way, MURPHY was quite helpful too, as he followed us everywhere. Murphy is a big, friendly Black Lab and is Jim's constant companion in the shack. ...By Dick, W6KM

## Christmas Party!!!

**When:** December 9, 1999 (it's a Thursday)

**Where:** Our favorite spot: **Martinelli's Steak Pit**  
**1180 El Camino Real**  
**Milbrae**

**Cocktails at 1800 hours. No host bar.**

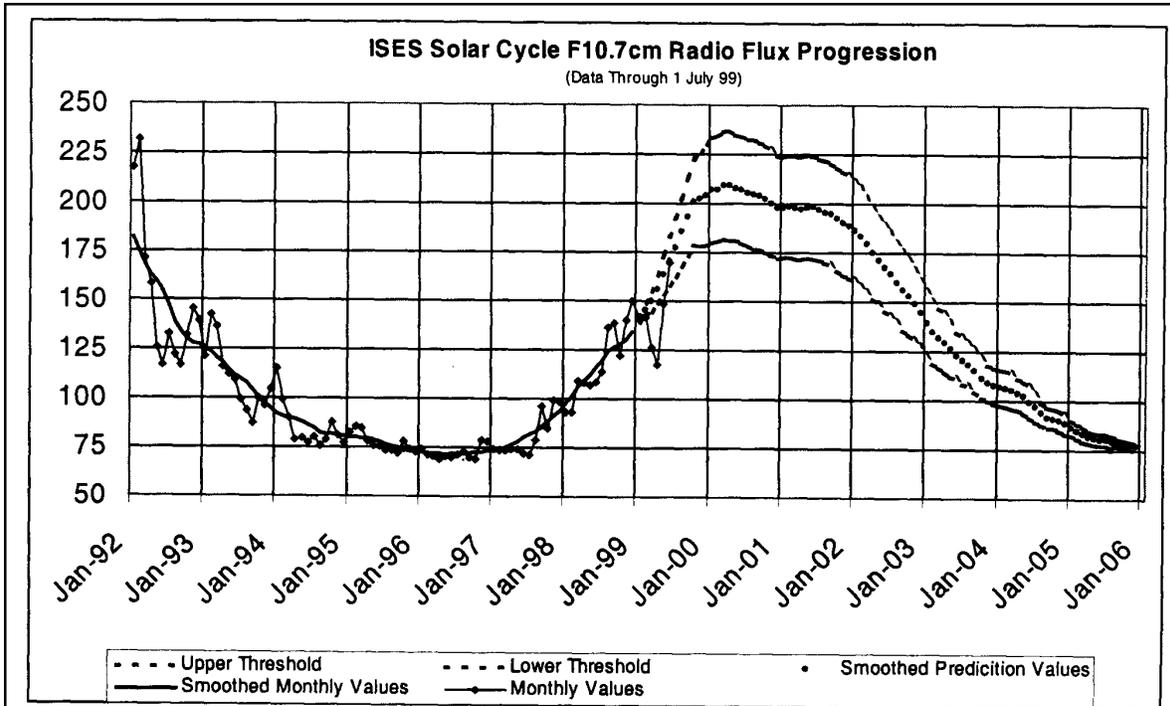
**Menu: Entree:** **Choice of 8 oz. prime rib, fillet of sole or chicken saute sec**  
**Includes: wine, green salad, relish tray and pasta starter, vegetables, potato (or rice with the fish) & Martinelli's cheesy french bread. Coffee or tea. Ice cream**

**All for the ridiculously low price of \$20.00, (tax and tip included of course) Kids under 12 free.**

**At this point, entertainment is TBD and all suggestions are welcome. Bring yourself, the XYL (or OM), kids, grandkids. But to do so, you must send your check, made payable to the NCDXC, along with your entree preference(s), by December 4, to:**

**Doug Westover, W6JD**  
**717 Los Robles Ave.**  
**Palo Alto, CA 94306**

**Hope to see you there!!**



**SEC Prediction of Smoothed F10.7cm Radio Flux**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1996	73 (***)	72 (***)	72 (***)	71 (***)	71 (***)	72 (***)	71 (***)	71 (***)	71 (***)	72 (***)	72 (***)	73 (***)
1997	73 (***)	74 (***)	75 (***)	77 (***)	78 (***)	80 (***)	82 (***)	83 (***)	86 (***)	88 (***)	91 (***)	94 (***)
1998	98 (***)	102 (***)	106 (***)	109 (***)	112 (***)	116 (***)	120 (***)	124 (***)	127 (***)	128 (***)	130 (***)	134 (***)
1999	<b>140</b> (1)	<b>145</b> (3)	<b>150</b> (5)	<b>156</b> (7)	<b>164</b> (10)	<b>170</b> (12)	<b>178</b> (15)	<b>185</b> (17)	<b>193</b> (20)	<b>201</b> (22)	<b>202</b> (24)	<b>204</b> (26)
2000	<b>207</b> (27)	<b>207</b> (27)	<b>209</b> (27)	<b>209</b> (28)	<b>208</b> (27)	<b>207</b> (27)	<b>206</b> (27)	<b>204</b> (28)	<b>204</b> (27)	<b>202</b> (27)	<b>200</b> (27)	<b>198</b> (26)
2001	<b>198</b> (26)	<b>198</b> (26)	<b>198</b> (26)	<b>197</b> (26)	<b>198</b> (26)	<b>198</b> (26)	<b>197</b> (26)	<b>196</b> (26)	<b>195</b> (26)	<b>192</b> (26)	<b>190</b> (26)	<b>188</b> (26)
2002	<b>187</b> (25)	<b>184</b> (25)	<b>179</b> (24)	<b>175</b> (23)	<b>171</b> (22)	<b>167</b> (22)	<b>164</b> (21)	<b>160</b> (20)	<b>156</b> (20)	<b>153</b> (19)	<b>149</b> (18)	<b>145</b> (17)
2003	<b>140</b> (17)	<b>135</b> (16)	<b>132</b> (15)	<b>130</b> (15)	<b>126</b> (14)	<b>123</b> (12)	<b>120</b> (12)	<b>118</b> (11)	<b>115</b> (11)	<b>112</b> (10)	<b>110</b> (9)	<b>108</b> (9)
2004	<b>107</b> (9)	<b>106</b> (9)	<b>105</b> (9)	<b>104</b> (8)	<b>102</b> (8)	<b>100</b> (8)	<b>97</b> (7)	<b>94</b> (6)	<b>92</b> (5)	<b>91</b> (5)	<b>90</b> (5)	<b>88</b> (5)
2005	<b>87</b> (4)	<b>85</b> (4)	<b>83</b> (4)	<b>82</b> (3)	<b>81</b> (3)	<b>81</b> (3)	<b>80</b> (3)	<b>80</b> (3)	<b>79</b> (2)	<b>78</b> (2)	<b>78</b> (2)	<b>77</b> (2)

