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Official Publication of

PALO ALTO AMATEUR RADIO ASSOCIATION
(PAARA)

W6OTX

Palo Alto Amateur
Radio Assn

Affiliated
Clubs

K6YQT

Menlo Park C-D
Radio Club

ORGANIZED FOR
PUBLIC SERVICE, SCIENTIFIC, EDUCATIONAL AND
SOCIAL BENEFITS TO AMATEUR RADIO OPERATORS
(A non-profit organization; Incorporated 1956)

NEXT PLANNED FUNCTION

Date: Friday 7 July 1972, 7:30 PM.
Place: San Carlos Airport, Flood Building.
Program: POWDER PUFF DERBY AMATEUR RADIO MESSAGE
CENTER. This is the day the ladies take
to the air for their run for Toms River
New Jersey. PAARA will be manning the
communications facilities for handling
messages between the various points of
touchdown. COME IN - PARTICIPATE.

Vol. XVI
No. 7
July 72

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President: Fred Canham W6QWF
 Vice Pres: Andy Korsak VE3FZK
 Secretary: Les Vickery W6AKR
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 " Publicity: Larry Rice W6IQT
 " Membership: Hal Moore W6DEF
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CCRC REP Fred Canham W6QWF; Telephone Com: Larry Rice W6IQT
 Refreshment & Raffle Comm: Andy Korsak
 Ed Fairbanks W6AIN
 Lee Zalasnik WB6BJB
 Les Vickery

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Editor: Vance Wardlow, W6FLE; Ph 854 0803; PO Box 911 MP.
 POLICY: Membership includes subscription to PAARAGRAPHS \$4.
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 911, Menlo Park, Ca. 94025. For info phone 854 0803.

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 support your club
 SUPPORT YOUR CLUB

BECOME A PARTICIPATOR

GET INVOLVED

PAY YOUR DUES

DO SOMETHING

FUTURE PROGRAMS

Wednesday 12 July, 7:30PM PAARA Trailer- Bd of Dir Meeting.

Friday 4 August: 7:30 PM Meet at Menlo Park Recreation Bldg
 for assembly and departure for FIELD TRIP to Stanford
 Radio Telescope.

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POWDER PUFF DERBY

As you read this all the preparations are going ahead for providing communications for the Powder Puff Derby. PAARA is setting up the equipment and providing the operators to supply the ladies participating in the Derby with communications to and from their hotel and between their terminal points nightly.

Fred Canham W6QWF, has been at the Flood Building at the very busy the past month with the basic plans. He has a space in the Flood building at the San Carlos Airport to set up in. There is space for the antennas and he has the equipment all lined up to get the various links going.

He plans on direct contact to the terminals starting with Winnemucca, Nevada and on to Toms River New Jersey. This is to handle the reports of arrivals and departures. As a back-up he has set up links to several local hams who can handle the traffic in case the base station is not able to get through. He also has plans to utilize the WESCARS and other Nets for delayed traffic. There will be a 2 meter link for local traffic. This is being

organized by "Lucky" Rogers WA6JXO, who may utilize his radio equiped camper with his emergency power built-in, to establish the base station.

If you have not already done so, you should call Fred at home on 948 9238 if you wish to PARTICIPATE.

As noted on the front page our July meeting will be held at the Flood Building at the San Carlos Airport. We will be able to look over the set-up there and may get a better idea of the tremendous effort being put forth in getting this Derby under way and across the country.

As Andy Korsak, VE3FZK, mentions in his section, he made a trip across the country in June. He contacted many hams all the way across and alerted them to the need for communications for the Derby. He got a fine response so we are hopeful that the circuits will be established and the traffic handled without too much delay.

GET IN ON THE FUN - DON'T FAIL TO CALL FRED. SET YOURSELF UP FOR A WATCH ON THE TRAFFIC CIRCUITS.

BECOME A PARTICIPATOR

5
FIELD DAY - 24 & 25 JUNE 1972

After much scurrying around and changing of plans the PAARA Field Day crew finally fell into a semiorganized effort! On the week-end before Field Day Fred Canham got a crew together and erected his beam and a mast for the two inverted V's. The following Wednesday Lee Zalaznik got his crew going on his two inverted V's and Thursday Paul Thekan got his mast and beam up for the Novice station. Also on that day Eric Reese got his beam up. The antenna farm was complete.

On Friday evening Glen Baker assembled his POWER PUFF crew and got the big generator delivered to the site. The cables were laid out to the several sites of stations about 500 feet apart. The preliminaries were complete.

Saturday morning bright and early the PARTICIPATORS showed up for the final arrangements. CAME THE ZERO HOUR !!! Here is the way the tasks were divided:

CW-All bands

Fred Canham, W6QWF
Les Vickery, W6AKR

SSB Phone-40 & 80

Lee Zalaznik, WB6BJB
Ed Fairbanks, W6AIN

SSB Phone 15 & 20

Eric Reese, WB6KQX
Bert Henderson WA6MSD
Kip Wallace W2PGW

Novice - All band

Paul Thekan WN6DQU
Steve Montoya WN6DQT
John Cameron (NC)
Andy Allen WN6---

Amateur TV

Andy Korsak VE3FZK

Handyman

Hal Moore W6DEF, Lucky Rogers
WA6JXO, Vance Wardlow W6FLE,
Glen Baker W6UOK.

Showups

Bob Wallace K6OL and several
unlisted visitors.

All in all it was a very enjoyable, very disorganized and semiproductive Field Day. Typical of last minute affairs the stations were all undermanned, the installations were all jury rigged and EVERYONE HAD A BALL !!!

Of course there must be at least ONE disaster each FD ! At the very last hour it was discovered Eric had been operating his rig into a disconnected coax! ! MORE FUN ! ! !

NEW MEMBERS

WELCOME ABOARD FELLOW PAARA PARTICIPATORS

Leslie McReynolds WN6RNO is now a full fledged member of PAARA. Les is a retired navy man and hangs his hat down Los Altos Hills way. He is looking for more code practice to go up in his license. Sorry we couldn't contact you for Field Day Les - but maybe next year Eh? It's nice to have you with us.

Winfield J. Neff (NC) has joined up and is looking for a hobby that will help him go toward an MD career. Wants to try electronics in medicine. A fine goal Win. We hope we may help. Get going on that code now that you are retired and can find time. Will C W at the meetings for more discussions. Eh?

We have tentative applications in from Dean Babcock W6OEB and Bill Stenger K6QOG. Hope to see you both aboard in the near future. 73

JOIN THE CLUB

BECOME A REAL PARTICIPATOR

Write PAARA, P.O. Box 911, Menlo Park, Ca. 94025
DUES \$4.00

MEMBER ACTIVITIES

In the merry month of June our members were very much on the move.

Andy Korsak assembled his wonderful family into a group and loaded them into his Datsun Camper. They took off in a general eastern direction with a destination of Philadelphia and Shanty Bay, Canada. They had a wonderful trip and all arrived home safely. Andy is still recovering from the over-exertion. However he is now in Denver Colorado on SRI Business - so guess he is all OK.

Tom Ohlsson WB6KQZ, was not able to participate in our Field Day exercise since he took his family (Mom & Dad) to an exotic holiday in Hawaii !! Hope to see you back soon Tom and to find you on the mike during the Powder Puff Derby.

Ed Fairbanks W6AIN and his beautiful wife continue to make trips here and there - just having fun. A fine life !!!

Lee Zalazanik WB6BJB, got himself a tent and backpack & took off for the north country up Eugene way. Stayed a week and had a fine time hiking and fishing. Nice going Lee, only wish we could do the same. Now GET BACK ON THE JOB - Loafer!

PAARA MEETING
Friday 2 June 1972

7

PAARA BOARD OF DIRECTORS
Wed. 7 June 1972

The meeting opened at 7:30 with a small crowd. Fred talked about the Powder Puff Derby and the arrangements that had been made. Called for volunteers for manning the circuits. There will be a 2 meter net between the Villa Hotel and the Airport at San Carlos to handle messages between the contestants in the Derby and their representatives. An HF station will be installed to handle arrival and departure reports across the USA. W7JZ at Winnemucca, Nevada has been contacted for the first leg. WA6CPP has a camper and will also operate with W7JZ. The National Nets will be used for routine traffic and phone patches arranged for those at the airport.

Hal Moore W6DEF announced that the final score on SET shows PAARA with the highest score on the west coast.

It was announced that the use of the Field Day location in Sharon Heights has been approved by the new owners L.B. Nelson Corp. of Palo Alto. No final decision on number of stations was made.

Although our speaker Jim Lomasney was unable to show up we had a lively meeting.

The Board met in the trailer at SRI. Les Vickery, Secty, turned over \$2.50 from QST subscriptions.

General discussion of Field Day. Lee Zalaznik cannot be available for putting up the station. Some discussion of assistance to our junior operators - novice licensees.

Also a general discussion of the Powder Puff Derby and facilities to be provided to the participants. Fred outlines a general plan of the circuits to be manned including the RTTY and other 2 meter circuits. He points out that there will be 150 planes to take off on Friday 7 July. This will require coordinated departure reports. Each plane will require 2 reports for each stop - arrival and departure. Thus 300 messages will be handled each day.

Fred Canham suggests that the Club purchase a good microphone for the Club transmitter. So moved, seconded and approved by the Board. Cost to be about \$25.00.

* * * * *

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Ask for DALE

MORE POWDER PUFF

The plans for the various set-ups at the San Carlos Airport and the Villa Hotel are now more solid. "Lucky" Rogers, WA6JXO, has lined up the 2 M gang with their "walkie-talkies" and their fixed station equipment together with means of utilizing the repeater stations around the area. He appears to have the needed circuits all set to go with enough promised help to man them.

However Fred Canham is still worried about manning the HF section to handle the traffic east. He will put up his antennas on 1 July and has the equipment all ready to install. His next need is for "Phone-Patchers" to patch in from the 2M circuits to provide the "Puffers" contacts home. The 2M circuits will be on 144.5 for FM and 146.65 for the walkie talkies. The AM circuit will be on 145.24 and used if the FM circuit has trouble.

In case you can help out in manning a circuit at any time during the period 30 June thru 10 July get in touch with Fred at 622 2387 daytimes or 948 9238 evenings. Fred will accomodate your time to an operating period day or night.

The operating center is the Flood Airservice Building at the San Carlos Airport.

HAVE A HAPPY 4th OF JULY

Happiness is assisting someone to celebrate the origination and existence of this great land of ours.

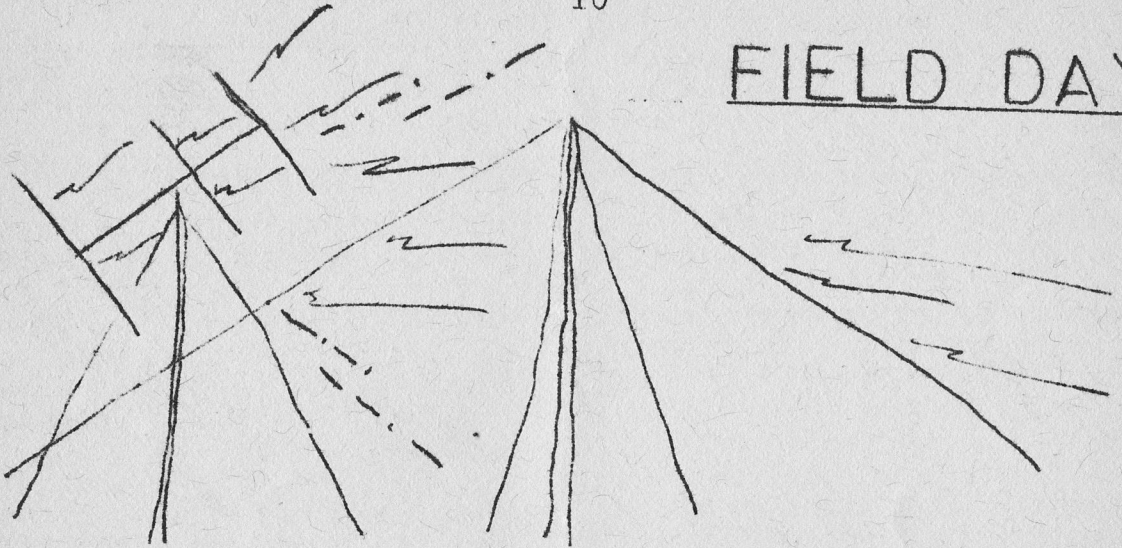
Hal Moore, W6DEF, is in need of assistance by 2meter operators to help direct the 4th of July parade in Redwood City. If you can take your rig down to the parade about 8 AM on the 4th get in touch with Hal at 368 0444.

Ed Fairbanks W6AIN, comes in with this from June QST: "-the actual power difference between low and high power commercial rigs is only about 10db. Therefore, the notable differences in signals are mainly the result of the antennas used by amateurs. The antenna system - and possibly some test equipment - seems to be the last stronghold of the do-it-yourself artist."

That is excellent reasoning and each of us should do our best to improve our antenna system and test equipment to assure putting the maximum power into that antenna. This will make the difference between poor and excellent QSO's.

JOIN THE CLUB

FIELD DAY



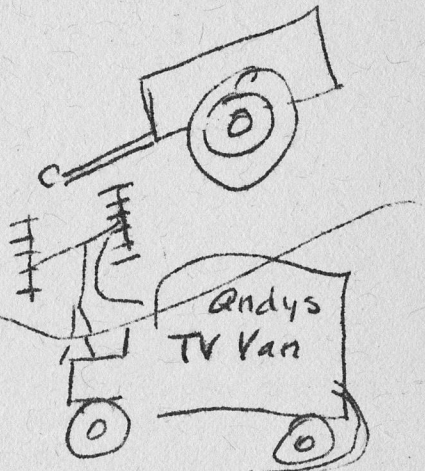
CC FD
SCV



W6OTX/6

Who knows the Score.

Fred E's Setup on
All Bands CW



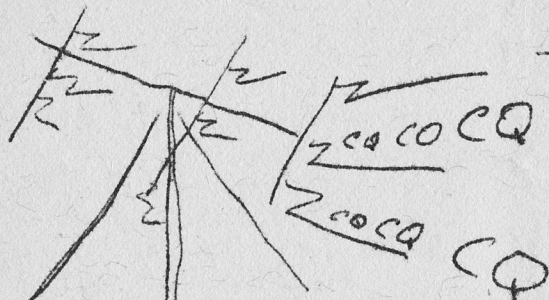
Andys
TV Van

PAARA
was there !!
Contacts Galore!



ATV

JUNE 1972



Lee I's Set Up On
40 + 80 SSB

The Old
Power Puffer
5KW



Eric R's
Set Up on
10 + 20 SSB

The PARTICIPATORS

had a fine time at
PAARA's Field Day.

Paul T's
Set up on
all Novice Bands.



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Ray Allustiarti, W6JOV

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Belmont, Ca.

Phone: 591 1995

* * * * *

Must not forget to mention
that one of our real old-
timers in the Club, Oliver
Sweningsen WA6QGX, calimbed
aboard his own plane and took
off for Alaska last week. He
may not have wanted to get in
on Field Day but he didn't
have to go that far!!!
We hope Oliver has a fine
trip. He will find the big
POWER PUFFER (Our 5KW motor
generator) parked in his yard
when he gets back. Thanks for
the service Oliver. CUL 73.

* * * * *

For those of you who have
not yet joined the Club Ed
Fairbanks suggests that you
may not know that there are
many activities within the
Club other than the meetings.

If you have read this paper
PAARAGRAPHS, for any length
of time you know the Club is
very much involved in prepar-
ing for any emergency and par-
ticipates in the Simulated Em-
ergency Test each year. In fact
we were the Club to make the
second largest number of points
this year on the west coast.
From this issue you can see
we are very active on Field
Day and are a high scorer in
that activity. Also you see
our public service image com-
ing forward in the Powder Puff
Derby. As an individual you
may want to head up a team to
perform a particular project
such as repairing and painting
the trailer, or if you like
mechanics you may want to get
a team together to overhaul
and repair the Clubs small
emergency power supply. You
may want to learn about ante-
nnas, the Club has several that
need to be put in condition to
be most useful in emergency.
If you are inclined toward
Public Relations the Club can
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tive at the California Council
of Radio Clubs. The Club has
many members in need of inst-
ruction and coaching toward a
higher license, if you like
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outlet.

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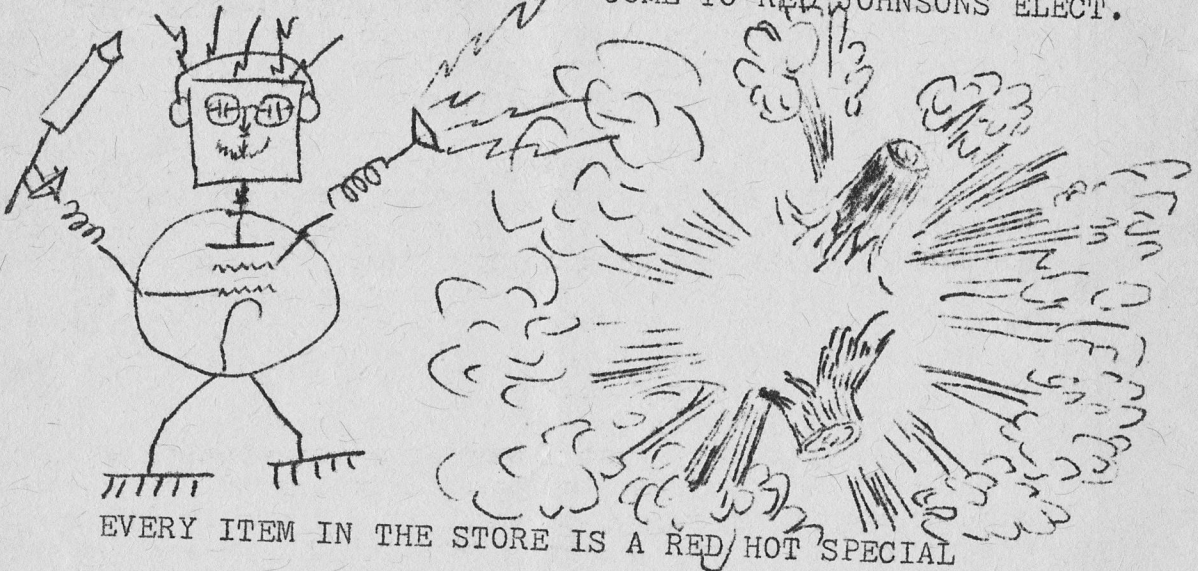
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ANDY'S COLUMN By VE3FZK/W6

Since I was on a four week vacation from the time the last issue had to be prepared, I don't have much technical project news to report. But our editor, Vance, is accustomed to my filling up three pages for this paper and so rather than let him down I'll report on my trip and other items which may be of interest to some of you.

MOBILING ACROSS THE USA AND CANADA

Well, for anybody that has a mobile rig, I heartily recommend taking it on a trip across the country. I had a ball hamming while the XYL was driving. Part of the time I drove while hamming but this is a bit risky as your concentration gets divided too much between these two occupations. I have a Dat sun pickup and cab-over camper, and most of the time I was on the air was lying down in the camper keeping an eye on the two harmonics playing on the bed and making QSO's at the same time. I kept in touch with my XYL by a pair of CB (chicken Band) walkie talkies. (By the way, does any of you know the origin of this rather curious term? If so, write in to PAARA's P.O. Box).

Our trip took us to Newtown Square, Pa. near Philadelphia where my parents live, then on to near Boston, then up to Toronto and Shanty Bay, Ontario where my twin sister lives and I have my VE call registered. As a matter of fact, this was the first time that I ever operated out of my official VE QTH, as I renewed my present license while I was a student in Berkeley in 1964 and since then I have always operated portable W6.

On the way to the east I was able to maintain my sked with Fred, W6QWF on 40 up to Nevada but I lost him after Wyoming and never regained contact till I was in Nebraska on the way back. I had skeds with Norm WA6NFM and Ed W6AIN on 20 and I got through to Norm from Nebraska in the daytime on the way east and from Nevada on the way back. I did not hear Ed on 20 but got him on 40 at night with Fred - keeping skeds as I drove across was an interesting experiment in testing propagation conditions. We estimated what we thought

would be the right times for the QSO's but band conditions can change quite radically from what you expect.

My rig was an NCX-3 and Webster Bandspanner, plus a borrowed two-er with which I never raised anybody.

During my trip I checked in on Midcars and Eascars which are nets very much like our Wescars here, but somewhat different in some respects. In one way, I think they are better led by the net control. He really lays the line down as to how you approach the net, and you do not hear several guys all trying to check in at once. They ask for check-ins in certain categories, such as mobiles only, etc. Maybe they have the advantage of fewer hams to begin with, as California has quite a preponderance of hams. Also, they were more polite and helpful, I thought. I took advantage of these nets to look for hams in the cities of the Powder Puff Derby stopping points, as Fred gave me a list of them and asked me to see if I can round up some help for handling communications. I managed to round up a few through Midcars, while rolling along in the camper, and when I got back here Vance handed me QSL's from them stating they would be willing to help.

When I was in the East, I worked a couple of British stations from my mobile. I see now why hams in the East have it so good for DX - Europe, Asia, Africa all come booming in on 20 at night. I tried working them but I was always covered over by somebody's KW fixed station except when I got through to the two Englishmen.

I always managed to get hold of hams in the cities I was visiting relatives in and either got a one-ringer or a patch through to let them know where I was and when I would be arriving.

We stayed at my sister's place in Ontario for ten days and I operated on the Canadian phone bands out of there. It sure seemed empty and QRM free in these bands.

One strange thing was nobody asked me anything about the ham rig going across the border either way. On the way back into the U.S.A. the border guards just asked to look around a bit in the camper and that was it. I guess we looked honest. But they certainly checked very thoroughly the car ahead of us with some long haired kids in it. Looking for possible dope, probably - can't say I blame them.

Another club member taking a mobiling trip while you are reading this is Fred Dietrich W6MOH. He is going southeast, then up through the midwest and back through Colorado. Look for him on the air on 40 nights, around 7205.

HAM LUNCHEON AT SRI

Sam Graf WA6OBC of SRI invited me and a group of other hams for lunch at SRI's International Building dining hall, and the reason for the occasion was a visit by LA2PH/MM, a friend of Sam's, who is here temporarily while his ship is docked in S.F.. We arranged some skeds after lunch and I demonstrated our ATV station to the group.

AMATEUR TV ON FIELD DAY

Inspite of outcries from Field Day Chairman Fred W6QWF and others, I am planning to take the W6OTX/TV station up to the field day site and flash pictures of the operation to several Bay Area ATV stations that I am arranging skeds with. I have the entire ATV set up in my camper, I also plan to set it up at the San Carlos airport during the Powder Puff Derby. Bill Jackson W6OWQ will have this ATV set up at the hotel lobby where the gals can watch their friends take off.

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THE SAN CARLOS BUGLE

FIELD DAY 1972 - It has come and gone!!! Actually, we knew right from the beginning that it would not be as easy as last year, since we could not muster the same number of operators as last year. First of all we had to do without our star CW operator Ken Keeler, WA6DKF, who last year almost single handed made about 350 contacts. This year we could only count on 10 operators for our 5 stations plus a team of novices which would mostly be trying their fists for the first time on the air. The week just before FD we got some more bad news: since we lost both of our operators for station #1. This meant we had to use Gene Sussli, WA6NVU as an operator rather than just the guy with the whip!!!

We started to erect our stations on Friday evening. We used our good old team work method where we all helped each erect one tower and antenna and/or beam after the other. We also strung a total of about 2000 feet of single conductor #10 wire since we had our station up to about 300 feet apart.

Many of the fellows slept on the FD site friday night. Larry Reed, W6CTH, brought his good old reliable Winnebago along. MAN!!! I have to say that with a set-up like that and all the comforts of home there must be something illegal or at least immoral about it.

OF COURSE - about $\frac{1}{2}$ hour before zero hour we busted the mast for the 15 meter beam and operated that station for the whole contest from an antenna 12 feet off the ground!!!

BUT SAN CARLOS CAME THROUGH!!! These are preliminary results:

Station #1 (15, 80 PH) Stan Young, Gene Sussli,	412 contacts.
Station #2 (20 Ph) Bill Jackson, Genelon Spalding	529 contacts
Station #3 (40 PH) Larry Reed, Bill Burris	342 contacts
Station #4 (All CW) Larry Daily, Ray Allustriarti	247 contacts
Station #5 (2&6PH) Mike Bach	79 contacts
Novice Sta- Stan & Connie Luts, Tom Eberhart, Eric Bach	25 contacts
	<u>1634</u> Total

Congratulations to all participants. This is terrific! This is the highest score we had ever made and beats our record score of last year. LETS HAVE THE PLAQUE! 73 Gene

QUEMENTS

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