

# PAARA

# Graphs

JUNE 1988



# PAARA FIELD DAY 1988 PREVIEW

THE OFFICIAL NEWSLETTER  
OF THE PALO ALTO AMATEUR  
RADIO ASSOCIATION  
AND

THE MENLO PARK C.D. AMATEUR RADIO CLUB

# PAARA



## 1988 CLUB OFFICERS

|                    |                  |        |          |
|--------------------|------------------|--------|----------|
| President          | Gerald Tucker    | WA6LNV | 326-4988 |
| Vice-President     | Andy Korsak      | VE3FZK | 366-5228 |
| Secretary          | Bill King        | N6CHI  | 595-8258 |
| Treasurer          | Lily Anne Hillis | N6PGM  | 325-5484 |
| Trustee, W6OTX     | Fred Canham      | K6YT   | 948-9238 |
| Property/Badges    | Fred Canham      | K6YT   | 948-9238 |
| Refreshmts/Co-Prop | John Buonocore   | KD6ZL  | 366-1658 |
| ARES Officer       | Steve Stuntz     | K6FS   | 322-4952 |
| Club Historian     |                  |        |          |

## BOARD of DIRECTORS

|                 |       |         |              |
|-----------------|-------|---------|--------------|
| Craig Smith     | N6ITW | 1987-88 | 326-8637     |
| Gerry Wagstaffe | W6NIR | 1987-88 | 325-4670     |
| Perry Yelton    | WR6E  | 1987-88 | 366-9481     |
| Dusty Doster    | K6MPN | 1988-89 | 368-8156     |
| Steve Stuntz    | K6FS  | 1988-89 | 322-4952     |
| Chuck Johnson   | nc    | 1988-89 | 408-258-4857 |

## PAARAgaphs Staff

|             |                 |        |              |
|-------------|-----------------|--------|--------------|
| Editor      | Chuck Johnson   | nc     | 408-258-4857 |
| Advertising | Swede Swenson   | N6CHL  | 368-8583     |
| Mailing     | Bill McElhinney | KA6LZI | 325-9888     |

## PAARA POLICIES

Membership in PAARA is \$6.00 per calendar year which includes a subscription to PAARAgaphs. Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, CA 94026

Club Net 147.45 MHz Mondays 8:30 PM

Meet on the first Friday of each Month at the Menlo Park Recreation Center at 7:30 PM,

Send PAARAGRAPHS correspondence to:

Chuck Johnson, EDITOR  
3309 Mt. Logan Drive  
San Jose, CA 95127

# BULLETIN

## FROM THE EDITOR'S DESK

This issue finds itself sandwiched between the two great Spring events for PAARA-- the W6VG picnic at Ron & Helga's...and Field Day. Thanks to those who provided items for this issue of Volume 31 (according to info from PAARA Secretary Bill King N6CHI) of the club journal. All who can are urged to assist in Field Day, as this is where all efforts are worthwhile in a Nationwide event. See you there for the 24-plus hour marathon on June 25-26! In future Your Editor will see action in the operator's seat, as well as from the editor's desk. Have a fine June & See you in July! -73 de Your Editor.

QST TO W6VG ES XYL: PICNIC WAS FINE BUSINESS,  
TNX FOR THE HOSPITALITY AND GOOD WORDS! -ED.

## SPEAKER OF THE MONTH

GARY NAKAYAMA KH6JRB

TOPIC: AMATEUR SATELLITES

Don't miss this informative talk on  
FRIDAY JUNE 3!!!

DINNER WITH THE SPEAKER: At Su Hong's  
Restaurant, on El Camino off Ravenswood  
Menlo Park, 5:45 PM on Meeting Friday  
June 3rd... -Info de ANDY VE3FZK, PAARA  
PROGRAM CHAIRMAN.

# PRESENTERS CONFERENCE

If it's June, we must be at Field Day. Certainly if there is any single thing that unites hams in a feeling of comraderie it must be Field Day. Such a uniting eases the sacrifice of staying up all night (which is no mean trick for the older half of the fraternity), and excuses the cacophonous abuse of the airwaves which mercifully lasts only 24 hours. No intelligent information is exchanged during this period, but we emerge somehow confident that we have done the right thing by making an effort. Last year we (W6OTX) finished in the upper third of class 3A, although considerably behind our arch rivals FARS/EMARC (K6YA). We had 29 participants and are looking for at least as good a showing this year.

This year's Field Day Captains are:

PHONE: GERRY TUCKER WA6LNV

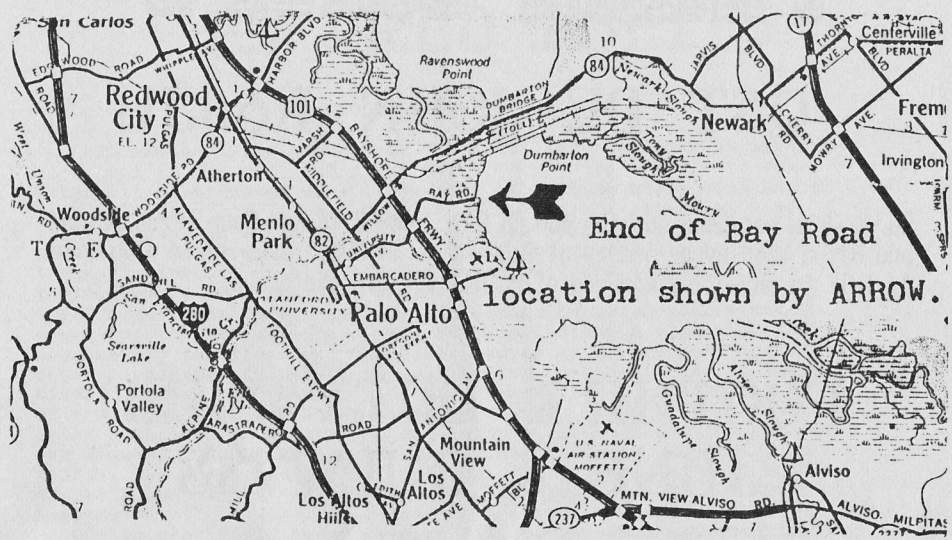
PHONE: JOHN GOMPERS WB7TEM

CW: BILL ZANER WB6IYS

We will begin site setup at 11 AM Friday, June 24. There will be a sign-up sheet for Friday support at the June meeting. We always need lots of bodies so please plan on showing up. The Operating Captains will coordinate their own operator staffs and operating equipment. Contact them to coordinate the time you would prefer to operate. Lots of individual support means lots of fun for everyone. We will have some sort of dinner Saturday, and hope to see you there.

de WA6LNV

# FIELD DAY SITE MAP



**W6LIG  
PAARA  
PICNIC**

**MAY 22,  
1988**

**Door Prize Winners!!!**

Max's Opera Cafe at  
Stanford, Twenty-Five  
Dollar Certificate: KB6LT  
XYL... Twenty-Five Dollar  
Certificate: K6EHS...

- Bug Zapper: WA6LIJ
- Potted Flowers: WB6DGT
- Callbook: WA6HLE
- MFJ Digital Clock: K6YT
- 2-Meter Antenna: WB6NNL
- Packet Book: WB6CNI
- Antenna Book: VE3FZK



**TOTAL ATTENDEES AT PICNIC: 38 PEOPLE!**

de **WA6LNV**

# PAARA BRIEFS

## QST DE JOHN K6JJU

K6JJU John has been working WB6JFH DAVE HARPER in Red Deer, Washington and has a sked every Sunday at 9:30 AM on 14.295. Dave would also like to talk to any other members of PAARA, so join the group.

## FOOTHILL DUTY SKED JUNE & JULY '88

### JUNE / 4 WEEKENDS / 1-4:30 PM

- 5 JUNE: FRANK CHANDLER WB6QPV (322-7678)  
GEORGE CHRISTOFFERSON K6MTZ
- 12 JUNE: KEVIN LAPP WA6FHC (366-2654)  
JACK McENNERNEY W6LTI (591-8526)
- 19 JUNE: LESLIE VICKERY W6AKH (368-5175)  
BILL McILLINNEY KA6LZI (325-9808)
- 26 JUNE: BILL KING N6CHI (595-0258)  
ANDY KORSACK VE3FZK (366-5228)

### JULY / 5 WEEKENDS / 1-4:30 PM

- 3 JULY: PAUL THEKAN N6FEG  
STEVE STUNTZ K6FS
- 10 JULY: JOE HORNE KB6OWG  
ROB WALKER KA6JLT (321-9981)
- 17 JULY: DAN CURRY WB6STW (364-7018)  
THEODORE MORAN KB6UDA (325-9861)
- 24 JULY: ANDY ANDERSON K6EHS (494-0831)  
DICK FINKBIMER W6AQL (961-6655)
- 31 JULY: JOHN BUONACORE KD6ZL (366-1658)  
TOM SCHEFF K6JBR (365-4068)

## ATV UPDATE

The N6IIU ATV Receiver offer is still in effect... In fact, the project is going into the second group of 50 orders for the devices priced at \$73 each (a break from the \$129 normal cost)... For further data on these units and the project, or to place your order, contact Ted Harris N6IIU at this address: 38 Big Tree Way, Woodside, CA 94062. Make check to: TED HARRIS-ATV RECEIVER. Ted can be reached on 145.27 (minus). de VE3FZK.

# PAARA



1988 CLUB ROSTER

## NAME ROSTER PAGE 1

|                    |        |              |                |
|--------------------|--------|--------------|----------------|
| Adachi, Dick       | W6RVS  |              | Menlo Park     |
| Airries-Morwood, C | N6QWQ  | 415-365-7937 | Menlo Park     |
| Allen, Jim         | KA6ZCU | ---          | Redwood City   |
| Allen, Kenneth     | WB6BCV | ---          | Palo Alto      |
| Allustiarti, Ray   | W6JOV  | ---          | Belmont        |
| Anderson, Andy     | K6EHS  | 493-0831     | Palo Alto      |
| Bach, Mike         | WB6FFC | 592-2710     | Belmont        |
| Bartelme, John     | N6FLX  | 323-6295     | Menlo Park     |
| Battelle, Bard     | KD6QZ  | 854-6848     | Portola Valley |
| Bisio, Bob         | KB6GWK | 415-322-9250 | Menlo Park     |
| Bolton, Arthur Jr. | NM6K   | 323-7066     | Menlo Park     |
| Bubeck, Robert     | N6NLK  | 856-3340     | Palo Alto      |
| Buonocore, John    | KD6ZL  | 366-1658     | Redwood City   |
| Callander, George  | WA6SZX | 856-1752     | Palo Alto      |
| Canham, Fred       | K6YI   | 940-9238     | Los Altos      |
| Cary, Charles      | N6GEP  |              | Auburn         |
| Chan, Loren        | WA6ENC | 408-629-1852 | San Jose       |
| Chandler, Frank    | WB6QPV | 322-7678     | Menlo Park     |
| Christofferson, G  | K6MTZ  |              | Los Altos      |
| Clark, Ed          | W6KJI  | 366-8187     | Redwood City   |
| Clark, Vernon      | WA6DHO | ---          | Palo Alto      |
| Conboy, Terry      | N6RY   | ---          | Mill Creek     |
| Curry, Dan         | WB6STM | 415-364-7018 | San Jose       |
| Curtis, Mark       | KB6DCX | 408-739-3988 | Sunnyvale      |
| Daily, Larry       | W6K7J  | 415-593-9150 | San Carlos     |
| Daniel, Dave       | KB6WP  | 325-3347     | Menlo Park     |
| DeLay, David M.    | WA6DCP | 415-322-0900 | Woodside       |
| DeLiban, Robert    | W6FGL  | 415-322-6910 | Menlo Park     |
| Dean, Wallace      | KA6JHO |              | Menlo Park     |
| Dikun, Gerald      | WD6CVM | 415-325-2289 | Menlo Park     |
| Dorrance, Dave     | WA6YSO |              | Redwood City   |
| Doster, Landry     | K6MPN  | 388-8158     | Redwood City   |
| Dueker, Ken        | KB6BPM | 322-6984     | Atherton       |
| Dwelle, Dale       | W6STY  | 325-5240     | Menlo Park     |
| Dwight, Kenneth    | WA6NYB | 856-0727     | Palo Alto      |
| Edgerton, M.       | WA6VZZ | 965-6433     | Mountain View  |
| Edwards, Gregory W | nc     | 415-726-2669 | Half Moon Bay  |
| Fairbanks, Ed      | W6AIN  | 322-0319     | Menlo Park     |
| Feiler, Kurt       | KA6KYU | 365-2857     | Redwood City   |
| Ferranti, Rick     | WA6NCX |              | Arlington      |
| Finkbeiner, Dick   | W6AOL  | 961-6655     | Mountain View  |
| Fraher, John       | KA6FRK | 967-3822     | Los Altos      |
| Frye, William      | nc     | 415-326-2610 | Palo Alto      |
| George, Alan R.    | nc     |              | Redwood City   |
| Gomperts, John     | WB7TEM | 415-961-7150 | Mountain View  |
| Gordano, John      | K6JJU  | 368-0483     | Redwood City   |
| Griffith, Bill     | W9DDN  | 322-4551     | Atherton       |
| Harper, David      | WB6JFH | 509-276-8351 | Deer Park      |
| Harris, Dave K.    | KB6FVA |              | Redwood City   |
| Hastings, Al       | KB6LVV | 493-6084     | Palo Alto      |
| Hausafus, Ed       | WA6FSO | 366-5640     | Menlo Park     |
| Hillis, Lily Anne  | N6PGM  | 325-5484     | Menlo Park     |
| Horne Sr., Joe L.  | KB6OWG |              | East Palo Alto |
| Hotz, Preston E.   | K6WD   | 325-8900     | Menlo Park     |
| Ice, George E.     | K6CHT  | 593-0661     | San Carlos     |
| Jenkins, Wm. D.    | WB6LML |              | La Honda       |
| Johnson, Charles   | nc     | 408-258-4857 | San Jose       |
| Johnson, Ed        | WB6CFW |              | Sunnyvale      |
| Katz, Nolan        | KB6LT  | 366-7286     | Redwood City   |
| Keely, Clif        | KA6JWA |              | Redwood City   |
| Kennedy, Dennis    | N6HGQ  | 364-5462     | Redwood City   |
| King, William R.   | N6CHI  | 595-0258     | San Carlos     |
| Korsak, Andy       | VE3FZK | 366-5220     | Redwood City   |
| Krawetz, Howard M  | N6HM   | 739-7936     | Sunnyvale      |
| Lapp, Kevin        | WA6FHC | 364-2654     | Redwood City   |
| Lar Rieu, Barry    | WA6UIM | 326-2020     | Menlo Park     |



# NAME ROSTER PAGE 2

|                    |         |              |                |
|--------------------|---------|--------------|----------------|
| Larson, Alan       | WA6AZP  | 326-6430     | Menlo Park     |
| Lazier, John       | W6HBJ   | 326-0594     | Palo Alto      |
| Learned, Jim       | nc      | 415-366-0771 | Redwood City   |
| Lewis, Paul        | NZ6B    | 329-1143     | Menlo Park     |
| Liebgold, Dan      | KB6TVF  | 415-323-9238 | Menlo Park     |
| Lile, Irene        | WB6RAF  | 851-7473     | Portola Valley |
| Lile, Shannon      | K6TNY   | 851-7473     | Portola Valley |
| Littrell, George   | W6ABU   | ---          | Redwood City   |
| Long, Loyd G.      | N6XM    | ---          | Fremont        |
| Makler, Harry      | KX6C    | ---          | Palo Alto      |
| Manders, Ken       | WB6CNI  | 366-7389     | San Carlos     |
| Martin, Hank       | W6UCE   | 493-9046     | Palo Alto      |
| Matson, Walter K.  | K6ISH   | ---          | San Carlos     |
| McCollum, Sid      | WA6RBC  | 321-6868     | Menlo Park     |
| McDermott, Charles | KA6NDX  | 941-6556     | Los Altos      |
| McElhinney, W.G.   | KA6LZI  | 325-9808     | Palo Alto      |
| McEnnerney, Jack   | W6L11   | 591-8526     | San Carlos     |
| Milner, Murray O.  | ZL2LR   | 415-854-4447 | Menlo Park     |
| Moran, Theodore    | KB6 UDA | 325-9861     | Menlo Park     |
| Morton, Bob        | WA6SDI  | ---          | Palo Alto      |
| Nixon, George      | G130EN  | 854-6445     | Menlo Park     |
| Olson, Les         | W6CB1   | ---          | Mountain View  |
| Panton, Ron        | W6VG    | 854-4814     | Menlo Park     |
| Parrish, Sara E.   | KB6 UDE | 326-4268     | Menlo Park     |
| Peterson, Bob      | KA6KYY  | ---          | Sunnyvale      |
| Peterson, Ruth     | KA6KYZ  | ---          | Sunnyvale      |
| Porter, Wallace    | K6URO   | 494-7038     | Palo Alto      |
| Reinhardt, Gary    | KB6PLM  | 415-367-7759 | Redwood City   |
| Rempel, Chris      | KB6LJR  | 341-7578     | San Mateo      |
| Roche, Curtis      | K6AL    | 494-2643     | Palo Alto      |
| Root, I. Eugene    | WB6ODD  | 323-2666     | Menlo Park     |
| Russell, Al        | W6TFT   | 365-4258     | Redwood City   |
| Ryan, Ralph        | WB6NNL  | 325-2213     | Menlo Park     |
| Sakols, Dan        | KA6NEX  | 326-1433     | Palo Alto      |
| Sakov, Joshua      | WR6B    | 415-327-2382 | Palo Alto      |
| Schellenberg, C.   | WB6WBK  | ---          | Menlo Park     |
| Scherf, Tom        | K6JBR   | 365-4068     | Redwood City   |
| Schooler, William  | ND6P    | 325-1352     | Atherton       |
| Schultheis, Bob    | N6RAH   | 415-952-0300 | Rurlingame     |
| Schumacher, Len    | WA6HLE  | 591-4385     | Belmont        |
| Schutzer, Mark     | KA6EMA  | 366-2950     | Redwood City   |
| Shovlin, Jim       | W6WQX   | ---          | Atherton       |
| Smith, Craig       | N6 ITM  | 326-8637     | Atherton       |
| Smith, Dr R. Lane  | KX6T    | ---          | Palo Alto      |
| Smith, Mathew      | nc      | 325-2572     | Atherton       |
| Smith, Michael     | nc      | 325-2572     | Atherton       |
| Starkey, Jerry     | WA6L1J  | 964-6584     | Los Altos      |
| Stein, Seymour     | WA6RDM  | 967-0362     | Mountain View  |
| Stiebel, Jonathan  | N6DHO   | ---          | Los Angeles    |
| Stiebel, Rich      | W6APZ   | 494-0122     | Palo Alto      |
| Streib, Fred       | W6NA    | 326-7846     | Palo Alto      |
| Stubbs II, Milton  | N6ODU   | 323-5079     | Atherton       |
| Stuntz, Steven     | K6FS    | 322-4952     | Menlo Park     |
| Swenson, Lloyd     | N6CHL   | 368-8503     | Atherton       |
| Talbert, Elmer     | W6FFC   | ---          | Belmont        |
| Taylor, Robert     | KA6NAN  | 857-9138     | Palo Alto      |
| Thekan III, Paul   | N6FEG   | 367-1499     | Redwood City   |
| Tiffany, Willard   | W6BNX   | 324-4524     | Menlo Park     |
| Towle, Stanley     | WA6Z6I  | 322-0890     | Menlo Park     |
| Troster, John      | W61SQ   | 854-3939     | Atherton       |
| Tucker, Gerald     | WA6LNV  | 326-4908     | Palo Alto      |
| Vanderbeek, Herb   | nc      | 493-6397     | Palo Alto      |
| Vickery, Leslie    | W6AKR   | 368-5175     | Redwood City   |
| Waostaffe, Gerard  | W6NIR   | 325-4670     | Menlo Park     |
| Walker, Ed         | NBRXD   | ---          | Palo Alto      |
| Walker, Rob        | KA6JLT  | 321-9981     | Menlo Park     |
| Wallace, Robert    | K6DL    | 851-0249     | Portola Valley |
| Wardlow, Vance     | W6FLE   | 854-0803     | Menlo Park     |
| Wheeler, Bob       | K6SEM   | 459-2340     | San Rafael     |
| Winter, Patricia   | N6RIS   | ---          | Menlo Park     |
| Wood, Steve        | N6J10   | ---          | Palo Alto      |
| Yelton, Perry      | WR6E    | 366-9481     | Redwood City   |
| Zalaznik, Lee      | K160Y   | ---          | Livermore      |
| Zaner, Bill        | WB6IYS  | 856-2089     | Palo Alto      |
| Zobel, Jerome      | W6ARA   | 322-0063     | Palo Alto      |



# CALL ROSTER PAGE 1

|         |                    |              |               |       |
|---------|--------------------|--------------|---------------|-------|
| *W6 ARU | Littrell, George   |              | Redwood City  | 94061 |
| *W6 AIN | Fairbanks, Ed      | 322-8319     | Menlo Park    | 94025 |
| *W6 AKR | Vickery, Leslie    | 368-5175     | Redwood City  | 94063 |
| *K6 AL  | Roche, Curtis      | 494-2643     | Palo Alto     | 94303 |
| *W6 APZ | Stiebel, Rich      | 494-8122     | Palo Alto     | 94303 |
| *W6 ADL | Finkbeiner, Dick   | 961-6655     | Mountain View | 94043 |
| *W6 ARA | Zobel, Jerome      | 322-8063     | Palo Alto     | 94303 |
| *W6 AZP | Larson, Alan       | 326-6430     | Menlo Park    | 94025 |
| NZ6 B   | Lewis, Paul        | 329-1143     | Menlo Park    | 94025 |
| WR6 B   | Sakov, Joshua      | 415-327-2382 | Palo Alto     | 94303 |
| WB6 BCV | Allen, Kenneth     | ---          | Palo Alto     | 94303 |
| *N6 BIS | Winter, Patricia   | ---          | Menlo Park    | 94025 |
| KB6 BFM | Dueker, Ken        | 322-6984     | Atherton      | 94025 |
| *NB BXD | Walker, Ed         | ---          | Palo Alto     | 94304 |
| KX6 C   | Makler, Harry      | ---          | Palo Alto     | 94306 |
| *W6 CBI | Olson, Les         | ---          | Mountain View | 94040 |
| WB6 CFW | Johnson, Ed        | ---          | Sunnyvale     | 94087 |
| *N6 CHI | King, William R.   | 595-8258---- | San Carlos    | 94070 |
| *N6 CHL | Swenson, Lloyd     | 368-8503     | Atherton      | 94025 |
| *K6 CMT | Ice, George E.     | 593-8661     | San Carlos    | 94070 |
| WB6 CNI | Manders, Ken       | 366-7389     | San Carlos    | 94070 |
| WD6 CVM | Dikun, Gerald      | 415-325-2289 | Menlo Park    | 94025 |
| WA6 DCP | DeLay, David M.    | 415-322-8908 | Woodside      | 94062 |
| KBB DCX | Curtis, Mark       | 408-739-3988 | Sunnyvale     | 94086 |
| *W9 DDN | Griffith, Bill     | 322-4551     | Atherton      | 94025 |
| WR6 E   | Yelton, Perry      | 366-9481     | Redwood City  | 94063 |
| *K6 EHS | Anderson, Andy     | 494-8831     | Palo Alto     | 94303 |
| WA6 ENC | Chan, Loren        | 488-629-1852 | San Jose      | 95123 |
| *N6 FE6 | Thekan III, Paul   | 367-1499     | Redwood City  | 94061 |
| WB6 FFC | Bach, Mike         | 592-2718     | Belmont       | 94002 |
| *W6 FGL | DeLiban, Robert    | 415-322-6918 | Menlo Park    | 94025 |
| WA6 FHC | Lapp, Kevin        | 364-2654     | Redwood City  | 94061 |
| *W6 FLE | Wardlow, Vance     | 854-8803     | Menlo Park    | 94025 |
| *N6 FLX | Bartelme, John     | 323-6295     | Menlo Park    | 94025 |
| KA6 FRK | Fraher, John       | 967-3822     | Los Altos     | 94022 |
| *K6 FS  | Stuntz, Steven     | 322-4952     | Menlo Park    | 94025 |
| WA6 FSQ | Hausafus, Ed       | 366-5640     | Menlo Park    | 94025 |
| KB6 FVA | Harris, Dave K.    |              | Redwood City  | 94061 |
| VE3 FZK | Korsak, Andy       | 366-5228     | Redwood City  | 94062 |
| *N6 GEP | Cary, Charles      |              | Auburn        | 95603 |
| *W6 GNX | Tiffany, Willard   | 324-4524     | Menlo Park    | 94025 |
| KB6 GWK | Risio, Bob         | 415-322-9258 | Menlo Park    | 94025 |
| *W6 HBJ | Lazier, John       | 326-8594     | Palo Alto     | 94303 |
| WA6 HLE | Schumacher, Len    | 591-4385     | Belmont       | 94002 |
| *N6 HM  | Krawetz, Howard M  | 739-7936     | Sunnyvale     | 94087 |
| *K6 ISH | Matson, Walter K.  |              | San Carlos    | 94070 |
| *W6 JSQ | Troster, John      | 854-3939     | Atherton      | 94025 |
| *N6 ITW | Smith, Craig       | 326-8637     | Menlo Park    | 94025 |
| WB6 IYS | Zaner, Bill        | 856-2089     | Palo Alto     | 94303 |
| *K6 JBR | Scherf, Tom        | 365-4068     | Redwood City  | 94062 |
| WB6 JFH | Harper, David      | 509-276-8351 | Deer Park     | 99006 |
| KA6 JHO | Dean, Wallace      | ---          | Menlo Park    | 94025 |
| *N6 JJD | Wood, Steve        | ---          | Palo Alto     | 94303 |
| *K6 JJU | Gordano, John      | 368-8783---- | Redwood City  | 94061 |
| KA6 JLT | Walker, Rob        | 321-9981     | Menlo Park    | 94025 |
| *W6 JOV | Allustiarti, Ray   | ---          | Belmont       | 94002 |
| KA6 JWA | Keely, Cliff       | ---          | Redwood City  | 94062 |
| NM6 K   | Bolton, Arthur Jr. | 323-7866     | Menlo Park    | 94025 |
| *W6 KJI | Clark, Ed          | 366-8187     | Redwood City  | 94062 |
| KA6 KYU | Feiler, Kurt       | 365-2857     | Redwood City  | 94061 |
| KA6 KYY | Peterson, Bob      | ---          | Sunnyvale     | 94086 |
| KA6 KYZ | Peterson, Ruth     | ---          | Sunnyvale     | 94086 |
| *W6 KZJ | Daily, Larry       | 415-593-6158 | San Carlos    | 94070 |
| ZL2 LB  | Milner, Murray O.  | 415-854-4447 | Menlo Park    | 94025 |
| *W6 LII | McEnnerney, Jack   | 591-8526     | San Carlos    | 94070 |
| WA6 LIJ | Starkey, Jerry     | 964-6584     | Los Altos     | 94022 |
| KB6 LJR | Rempel, Chris      | 341-7578     | San Mateo     | 94403 |
| WB6 LML | Jenkins, Wm. D.    |              | La Honda      | 94020 |
| WA6 LNV | Tucker, Gerald     | 326-3988     | Palo Alto     | 94301 |
| K:6 LT  | Katz, Nolan        | 366-7286     | Redwood City  | 94061 |
| KB6 LVV | Hastings, Al       | 493-6884     | Palo Alto     | 94303 |
| KA6 LZI | McElhinney, W.G.   | 325-9808     | Palo Alto     | 94301 |
| *N6 MGD | Kennedy, Dennis    | 364-5462     | Redwood City  | 94061 |
| *K6 MPN | Doster, Landry     | 368-8156     | Redwood City  | 94061 |
| *K6 MTZ | Christofferson, G  |              | Los Altos     | 94022 |
| *W6 NA  | Streib, Fred       | 326-7846     | Palo Alto     | 94303 |
| KA6 NAN | Taylor, Robert     | 857-9138     | Palo Alto     | 94306 |
| WA6 NCX | Ferranti, Rick     |              | Arlington     | 82174 |
| KA6 NDX | McDermott, Charles | 941-8556---- | Los Altos     | 94022 |
| KA6 NEX | Sakols, Dan        | 326-1433     | Palo Alto     | 94301 |
| *W6 NIR | Wagstaffe, Gerard  | 325-4670     | Menlo Park    | 94025 |



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|         |                    |              |                |       |
|---------|--------------------|--------------|----------------|-------|
| *N6 NLK | Bubeck, Robert     | 856-3340     | Palo Alto      | 94303 |
| WB6>NNL | Ryan, Ralph        | 325-2213     | Menlo Park     | 94025 |
| WA6 NYR | Dwight, Kenneth    | 856-0727     | Palo Alto      | 94303 |
| G13 DEN | Nixon, George      | 854-6445     | Menlo Park     | 94025 |
| *N6 OHQ | Stiebel, Jonathan  | -----        | Los Angeles    | 90024 |
| WA6 OHQ | Clark, Vernon      | -----        | Palo Alto      | 94303 |
| *K6 OL  | Wallace, Robert    | 851-0249     | Portola Valley | 94025 |
| WB6 OOO | Root, I. Eugene    | 323-2666     | Menlo Park     | 94025 |
| KB6 DWG | Horne Sr., Joe L.  |              | East Palo Alto | 94303 |
| K16 OY  | Zalaznik, Lee      |              | Livermore      | 94550 |
| NO6 P   | Schooler, William  | 325-1352     | Atherton       | 94025 |
| *N6 PFC | Talbert, Elmer     |              | Belmont        | 94002 |
| *N6 PGH | Hillis, Lily Anne  | 325-5484     | Menlo Park     | 94025 |
| KB6 PLW | Reinhardt, Gary    | 415-367-7759 | Redwood City   | 94061 |
| *N6 DOU | Stubbs II, Milton  | 323-5079     | Atherton       | 94025 |
| WB6 QPV | Chandler, Frank    | 322-7678     | Menlo Park     | 94025 |
| *N6 DQW | Airries-Norwood, C | 415-365-7937 | Menlo Park     | 94025 |
| KD6 QZ  | Battelle, Bard     | 854-6848     | Portola Valley | 94025 |
| WB6 RAF | Lile, Irene        | 851-7473     | Portola Valley | 94025 |
| *N6 RAH | Schultheis, Bob    | 415-952-0300 | Burlingame     | 94010 |
| WA6 RRC | McCollum, Sid      | 321-6868     | Menlo Park     | 94025 |
| KA6 RMA | Schutzer, Mark     | 366-2950     | Redwood City   | 94062 |
| WA6 ROH | Stein, Seymour     | 967-0362     | Mountain View  | 94040 |
| *N6 RVS | Adachi, Dick       | -----        | Menlo Park     | 94025 |
| *N6 RY  | Conboy, Terry      | -----        | Mill Creek     | 98012 |
| *K6 SEM | Wheeler, Bob       | 459-2340     | San Rafael     | 94901 |
| WA6 SOI | Morton, Bob        |              | Palo Alto      | 94306 |
| WB6 STW | Curry, Dan         | 415-367-7018 | San Jose       | 95157 |
| *N6 STY | Dwelle, Dale       | 325-5240     | Menlo Park     | 94025 |
| WA6 SZX | Callander, George  | 856-1752     | Palo Alto      | 94303 |
| KX6 T   | Smith, Dr R. Lane  |              | Palo Alto      | 94306 |
| WB7 TEM | Gomperts, John     | 415-961-7150 | Mountain View  | 94041 |
| *N6 TFI | Russell, Al        | 365-4258     | Redwood City   | 94062 |
| *K6 TNY | Lile, Shannon      | 851-7473     | Portola Valley | 94025 |
| KB6 TVF | Liebgold, Dan      | 415-323-9238 | Menlo Park     | 94025 |
| *N6 UCE | Martin, Hank       | 493-9046     | Palo Alto      | 94306 |
| KB6 UDA | Moran, Theodore    | 325-9861     | Menlo Park     | 94025 |
| KB6 UDE | Parrish, Sara E.   | 326-4268     | Menlo Park     | 94025 |
| WA6 UIM | Lar Rieu, Barry    | 326-2020     | Menlo Park     | 94026 |
| *K6 URO | Porter, Wallace    | 494-7038     | Palo Alto      | 94303 |
| *N6 VG  | Panton, Ron        | 854-4814     | Menlo Park     | 94025 |
| WA6 VZZ | Edgerton, M.       | 965-6433     | Mountain View  | 94040 |
| WB6 WRK | Schellenberg, C.   |              | Menlo Park     | 94025 |
| *K6 WD  | Holtz, Preston E.  | 325-8900     | Menlo Park     | 94025 |
| KB6 WP  | Daniel, Dave       | 325-3347     | Menlo Park     | 94025 |
| *N6 WDX | Shovlin, Jim       | -----        | Atherton       | 94025 |
| *N6 XM  | Long, Loyd G.      | -----        | Fremont        | 94536 |
| WA6 YSO | Dorrance, Dave     | -----        | Redwood City   | 94061 |
| *K6 YT  | Canham, Fred       | 948-0238     | Los Altos      | 94022 |
| KA6 ZCU | Allen, Jim         |              | Redwood City   | 94061 |
| WA6 ZGI | Towle, Stanley     | 322-0898     | Menlo Park     | 94025 |
| KD6 ZL  | Buonocore, John    | 366-1658     | Redwood City   | 94061 |
| nc      | George, Alan R.    |              | Redwood City   | 94061 |
| nc      | Johnson, Charles   | 408-258-4857 | San Jose       | 95127 |
| nc      | Vanderbeek, Herb   | 493-6397     | Palo Alto      | 94306 |
| nc      | Learned, Jim       | 415-366-0771 | Redwood City   | 94061 |
| nc      | Frye, William      | 415-326-2610 | Palo Alto      | 94301 |
| nc      | Smith, Michael     | 325-2572     | Atherton       | 94025 |
| nc      | Smith, Mathew      | 325-2572     | Atherton       | 94025 |
| nc      | Edwards, Gregory W | 415-726-2669 | Half Moon Bay  | 94019 |

# QSTs DE GEORGE K6OG ES FRED K6YT

## MARYKNOLL ANTENNA PROJECT

FARS has used the grounds at Maryknoll for Field Day on several occasions in the past and plans to be back there again this year. Maryknoll is situated on a large plot of rolling hills adjacent to highway 280 in Los Altos. The facilities at this location were formerly used as a Seminary and today are being used as a retirement center for members of the order. Their activities are housed in one large distinctive Spanish Mission style building complex. On a knoll, remote from the main building, is an equally distinctive (from a Ham's point of view) 70' freestanding triangular steel tower topped with a triband yagi antenna, adjacent to a hamshack, overlooking the freeway. The tower and antenna were used by Father Thomas Tennissen KH6DBZ/W6 who was active on-the-air and in local clubs. "Father Tom" became ill, was transferred to a hospital out of the area, and died about five years ago. Since then the installation deteriorated. Parts of the antenna blew off and the rotator was damaged. Now, Brother Brian, Administrator at Maryknoll, is KA6FRK, has a Kenwood TS-120, a Technician License (soon to become General) and, since "enhancement", had a need for a good H. F. Antenna.

During past Field Days, several FARS members had expressed an interest in helping to put the antenna back in operating condition. This spring the thought became a deed. A work party, "The Old Foot-hill Amateur Radio Technical Society", was formed. The antenna was removed, refurbished, and reinstalled. The rotator was found to be damaged beyond repair plus the control unit was missing so a new rotator was purchased and installed. In addition, a new two meter J-Pole antenna, donated by American Legion Post #380, was installed on the top of the antenna mast. The work was done in several installments. It might have gone faster but the crew found that if the work extended into the lunch hour, Brother Brian would invite the crew to have lunch in one of Maryknoll's dining rooms. Maryknoll is not an ascetic order, the food was excellent.

The work crew consisted of Fred Canham K6YT who did most of the hard work, all of the work at the top of the tower, coming down only for lunch; Jerry Starkey WA6LIJ was project leader and co-ordinator; Stan Kuhl K6MA provided the needed muscle to lower and raise the antenna (that antenna weighs in at 85 lbs); Mac McDermott KA6NDX anchored the end of the hoist rope so Stan could keep his feet on the ground; Jim Chlupek KB6AVC hung on to Mac; George Raven K6OG figured out neat little installation methods that made Fred's work more difficult; Sy Stein WA6ROM showed up and took charge of the antenna reassembly as soon as he heard about those great lunches; and Brother Brian KA6FRK created order out of chaos during the lowering and raising operations---and provided the lunches. A good time was had by all.

From George Raven K6OG

More:

Father "Tom" was a member of PAARA for many years before his illness. He introduced Brother Brian to amateur radio there in the Maryknoll hamshack.

Brother Brian is an active member of PAARA today, tho he has trouble arranging transportation to our meetings. When you meet him be sure and take the time to talk with him, he is a very interesting person and has had many experiences of interest in many parts of the world.

I found it very gratifying as a member of "Old FARTS" to help in the restoration of this fine ham shack. PAARA members have no need to worry about K6YA using the facility on Field Day because the beam is tuned for the SSB bands only!

K6YT

# ABC'S of RTTY #8

A "parity" bit is a bit added to a group of bits so that the number of ones (1) in the group is according to design, even or odd. The ASCII code has also been adopted as the international CCITT #5 code with some variations in symbols and codes. The U. S. ASCII code is shown in table 4.

The ASCII code is arranged so that numbers and letters occur in binary bit order. This is a notable departure from the Baudot code, which was arranged by Murray so that the most frequently used letters are represented by the least number of holes in a paper tape. The ASCII code was designed to optimize computer collation and sorting.

Although ASCII is used extensively for computer communications, there are many different interpretations of how the control of characters in the first two columns are used. This is particularly true in the case of "flow-control" or "handshaking" communications protocols. These are forms of recognition between computers to accept data via the use of pre-established procedures. In some systems DC1/DC3 are used for stop-start symbols. Other systems may use ACK/NAK or separate control wires in an RS232 connection. It is best to consult the manufacturer's manuals to determine specific ASCII requirements for a given computer or terminal.

To date, ASCII has seen limited amateur use, except for exchange of computer programs and in conjunction with packet radio systems. The reason is that there are still many of the older Baudot machines in use which cannot decode ASCII for normal amateur communications. Because ASCII is generally operated at data rates of 110 Baud and higher, the error rate on HF is typically higher than if 45 Baud Baudot is used. As more advanced communications techniques (such as packet radio) are developed, ASCII will become more common on amateur frequencies. There is very little commercial use of ASCII by shortwave RTTY stations, and government stations using h.f. ASCII communications also generally employ encryption. ASCII is growing in popularity for v.h.f.-FM operation, particularly when computer programs are to be exchanged at 300, 1200, or higher Baud rates.

The eight bit of the ASCII code has varying uses, depending upon the configuration of the computer system. It may be set to one of four different conditions: (1) always mark, (2) always space, (3) odd parity, or (4) even parity. All four choices are in use in various systems. Simple systems not using parity usually set this pulse to a mark. Parity is used in some systems to detect if a character has been received in error. When parity check is used, the state of the eight bit is transmitted is determined by counting the number of mark pulses used in the first 7 data bits. The eight bit is then set to make the total number of mark pulses to be either, an even or odd number. For example, if odd parity is to be transmitted and the letter to be sent is "A" (first seven bits = 100 0001), the eight bit is then set to "1" to make a total of 3 mark pulses in all 8 pulses (1100 0001). Similarly, the letter "C" (100 0011) would have the 8th bit set to "0" in an odd parity system (giving 0100 0011 for the full ASCII character).

An even parity system would, of course, have the exact opposite computation of the 8th bit state.-----to be continued-----

# QST DE STEVE K6FS

## MENLO PARK SET

Wednesday, April 27th the city of Menlo Park held its semi-annual simulated emergency test. The purpose of these tests is to exercise the city's various departments' readiness to respond in coordinated fashion to various types of natural or manmade disasters, and to utilize the services of volunteer organizations such as Red Cross, Salvation Army and Amateur Radio Emergency Service (ARES).

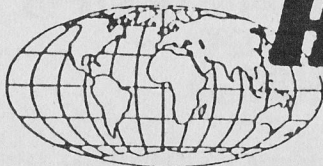
The April 1988 exercise was designed around a heavy winter storm scenario: continuous heavy rainfall, with ground saturation, flooding of important intersections, and back-up of storm drains due to high tides. San Francisco Creek, the boundary between Menlo Park and Palo Alto, was assumed to be approaching flood-stage due to heavy runoff from the hills. Western approaches to Dumbarton Bridge were being closed by Caltrans due to flooding, and downtown Menlo Park streets were flooded from curb to curb; some stores had sandbagged their entrances along Santa Cruz Avenue.

Declared an emergency by City Manager Mike Bedwell, the scenario called for opening and staffing the Emergency Operations Center, in the basement of the city administration building. Police, Fire and Public Works chiefs, supported by designated emergency personnel, along with supervisors from Library and Recreation Departments, filled the EOC to capacity, receiving simulated status reports from the field and transmitting response orders. Menlo Park ARES was represented by a skeleton crew: Hank, AJ6Q; Ron, W6VG; and Ralph, WB6NNL were mobile in central, eastern and western parts of the city. Net control was Lily, N6PGM; overall coordination between city agencies, KCEA-FM broadcasters and the press (PA Times-Trib and Woodside-Menlo Almanac) was performed by Emergency Coordinator Steve, K6FS. The two-meter FM rig in EOC, K6YQT, licensed to the Menlo Park CD Radio Club (an adjunct to PAARA) was active throughout the SET, receiving simulated reports of flooding and requests for assistance from the mobiles, and transmitting requests for confirmation of informal status reports received by other agencies.

During the 45-minute critique following the 90-minute SET, it was noted that city departments worked in much closer collaboration than in previous tests, largely due to pre-incident planning conferences (which also included ARES representation), and pointed the need for greater familiarity with the Incident Command System. Heads of Police, Fire and Public Works contingents were emphatic in their desire for greater ARES participation in these work-day SET's, noting that out of a total ARES roster of 36 hams, only five were available.

Incidentally, the new 2-meter antenna, installed a few days before the SET, performed as expected, greatly improving coverage to the limits of our service area, which includes Atherton and East Palo Alto. de K6FS

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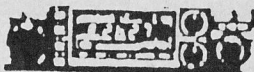


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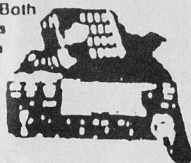
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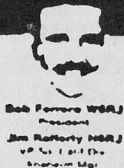
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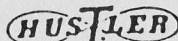
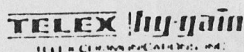
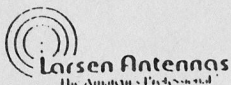
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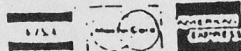


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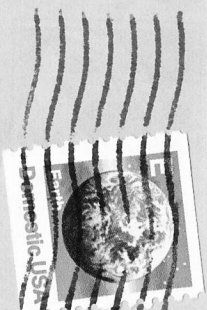
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