

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	326-4908
Vice-President	Andy Korsak	VE3FZK	366-5228
Secretary	Bill King	N6CHI	595-0258
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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
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Chuck Johnson	nc	1988-89	408-258-4857

PAARAGraphs Staff

Editor	Chuck Johnson	nc	408-258-4857
Advertising	Swede Swenson	N6CHL	368-8503
Mailing	Bill McElhinney	KA6LZI	325-9808

PAARA POLICIES

Membership in PAARA is \$6.00 per calendar year which includes a subscription to PAARAGraphs. 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.

PRESIDENT'S CORNER

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 cacophonic 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 (W60TX) 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

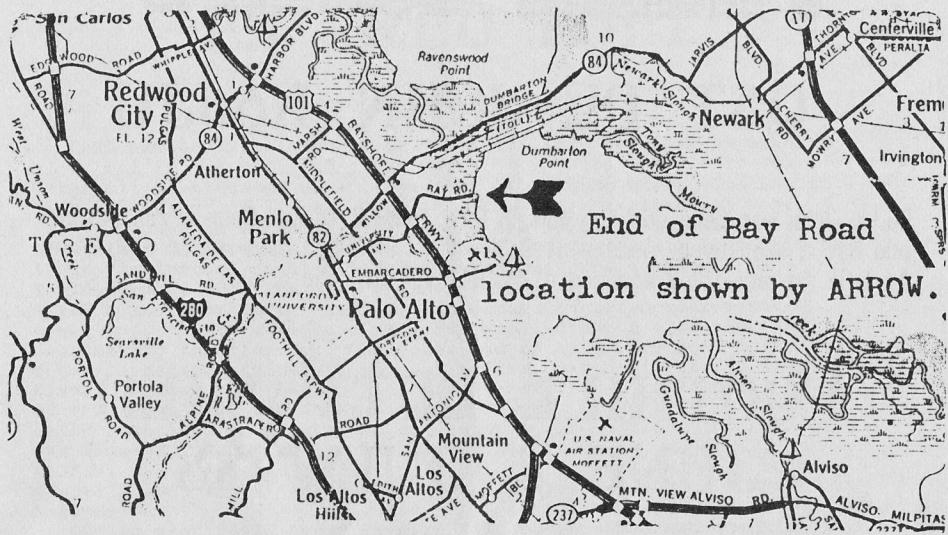
PHONE: JOHN GOMPERTS WB7TEM

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



MAY 22,
1988

Door Prize Winners!!!

W6VGC
PAARAH
PICNIC

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 KG6TZA
- 12 JUNE: KEVIN LAPP WA6FHC (368-2654)
JACK McENNERNEY W6LII (591-8526)
- 19 JUNE: LESLIE VICKERY W6AKR (368-5175)
BILL McILLINNEY KA6LZI (325-9808)
- 26 JUNE: BILL KING N6CHI (595-0258)
ANDY KORSAK VE3FZK (366-5228)

JULY / 5 WEEKENDS / 1-4:30 PM

- 3 JULY: PAUL THEKAN N6FEG
STEVE STUNTZ K6FPS
- 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 FINKBIER W6AQL (961-4655)
- 31 JULY: JOHN BUONACORE KD6ZL (366-1658)
TOM SCHERF K6JBR (365-4068)

ATV UPDATE

The N6IIIU 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 N6IIIU 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.



1988 CLUB ROSTER

NAME ROSTER PAGE 1

Adachi, Dick	W6RVS	415-365-7937	Menlo Park
Airries-Norwood, C	N6QWO	415-365-7937	Menlo Park
Allen, Jim	KA6ZCU	---	Redwood City
Allen, Kenneth	WB6BCV	---	Palo Alto
Allustiartti, Ray	W6JOV	---	Belmont
Anderson, Andy	K6EHS	493-0831----	Palo Alto
Bach, Mike	WB6FCF	592-2710	Belmont
Bartelme, John	N6FLX	323-3295	Menlo Park
Battelle, Bard	KD6QZ	854-6848	Portola Valley
Bisio, Bob	KB6WK	415-322-9250	Menlo Park
Bolton, Arthur Jr.	NM6K	323-7066	Menlo Park
Bubeck, Robert	N6NLK	854-3340	Palo Alto
Buonocore, John	KD6ZL	366-1658	Redwood City
Callander, George	WA6SZX	856-1752	Palo Alto
Canham, Fred	K6YT	948-9238	Los Altos
Cary, Charles	N6GEP		Auburn
Chan, Loren	WA6ENC	408-629-1852	San Jose
Chandler, Frank	WB6DPV	322-7678	Menlo Park
Christofferson, G	K6HTZ		Los Altos
Clark, Ed	W6KJI	366-BIB7	Redwood City
Clark, Vernon	WA6DHO	---	Palo Alto
Conboy, Terry	N6RY	---	Mill Creek
Curry, Dan	WB6STW	415-364-7018	San Jose
Curtis, Mark	KB8DCX	408-739-3988	Sunnyvale
Daily, Larry	W6KZJ	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	368-BI58	Redwood City
Dueker, Ken	KB6BPM	322-6984	Atherton
Dwolley, 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	W6AQI	961-6655----	Mountain View
Fraher, John	KA6FRK	967-3822	Los Altos
Frye, William	nc	415-326-2610	Palo Alto
George, Alan R.			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	WA6FSQ	366-5640	Menlo Park
Hillis, Lily Anne	N6PGM	325-5484	Menlo Park
Horne Sr., Joe L.	KB6ONG		East Palo Alto
Hotz, Preston E.	K6WD	325-8900	Menlo Park
Ice, George E.	K6CMT	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	N6MQ	364-5462	Redwood City
King, William R.	N6CHI	595-0258	San Carlos
Korsak, Andy	VE3FZK	366-5228	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	W6LII	591-8526	San Carlos
Milner, Murray O.	ZL2LR	415-854-4447	Menlo Park
Moran, Theodore	KB6 UDA	325-9861	Palo Alto
Morton, Bob	WA6SDI	-----	Menlo Park
Nixon, George	G13DEN	854-6445	Menlo Park
Olson, Les	W6CBI	-----	Mountain View
Panton, Ron	W6VB	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	KB6PLW	415-367-7759	Redwood City
Rempel, Chris	KB6LJR	341-7578	San Mateo
Roche, Curtis	K6AL	494-2643	Palo Alto
Root, I. Eugene	WB6000	323-2666	Menlo Park
Russell, Al	W6FTF	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	NO6P	325-1352	Atherton
Schultheis, Rob	N6RAH	415-952-0300	Burlingame
Schumacher, Len	WA6HLE	591-4385	Belmont
Schutzer, Mark	KA6FMA	366-2950	Redwood City
Shovlin, Jim	W6WDX	-----	Atherton
Smith, Craig	N6 ITW	326-8637	Menlo Park
Smith, Dr R. Lane	KX6T	-----	Palo Alto
Smith, Mathew	nc	325-2572	Atherton
Smith, Michael	nc	325-2572	Atherton
Starkey, Jerry	WA6LJJ	964-6584	Los Altos
Stein, Seymour	WAGROM	967-0362	Mountain View
Stiebel, Jonathan	N6HQ	- - -	Los Angeles
Stiebel, Rich	W6AFZ	494-0122	Palo Alto
Streib, Fred	W6NA	326-7846	Palo Alto
Stubbs II, Milton	N60QV	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	W6GNX	324-4524	Menlo Park
Towle, Stanley	WA6ZGI	322-0890	Menlo Park
Troster, John	W6ISD	854-3939	Atherton
Tucker, Gerald	WA6LNV	326-4908	Palo Alto
Vanderbeek, Herb	nc	493-6397	Palo Alto
Vickery, Leslie	W6AKR	368-5175	Redwood City
Wagstaffe, Gerard	W6NIR	325-4670	Menlo Park
Walker, Ed	N8BXD	-	Palo Alto
Walker, Rob	KA6JLT	321-9981	Menlo Park
Wallace, Robert	K6OL	851-0249	Portola Valley
Wardlow, Vance	W6FLE	854-0803	Menlo Park
Wheeler, Bob	K6SEM	455-2340	San Rafael
Winter, Patricia	N6BIS	-----	Menlo Park
Wood, Steve	N6JIO	-----	Palo Alto
Yelton, Ferry	WR6E	326-9481	Redwood City
Zalaznik, Lee	K16OY	-----	Livermore
Zaner, Bill	WB6IYS	856-2089	Palo Alto
Zobel, Jerome	W6ARA	322-0063	Palo Alto

CALL ROSTER PAGE 1

WB6 ABU	Littrell, George	322-0319	Redwood City	94061
WB6 AIN	Fairbanks, Ed	368-5175	Menlo Park	94025
WB6 AKR	Vickery, Leslie	494-2643	Redwood City	94063
WB6 AL	Roche, Curtis	494-8122	Palo Alto	94303
WB6 APZ	Stiebel, Rich	961-6655	Palo Alto	94303
WB6 AOL	Finkbeiner, Dick	322-0063	Mountain View	94043
WB6 ARA	Zobel, Jerome	326-6430	Palo Alto	94303
WB6 AZP	Larson, Alan	329-1143	Menlo Park	94025
NZ6 B	Lewis, Paul	415-327-2382	Menlo Park	94025
WR6 B	Sakov, Joshua	---	Palo Alto	94303
WB6 RCV	Allen, Kenneth	---	Palo Alto	94303
BN6 HIS	Winter, Patricia	322-6984	Menlo Park	94025
KB6 BFM	Dueker, Ken	---	Atherton	94025
BNB RXD	Walker, Ed	---	Palo Alto	94304
KX6 C	Makler, Harry	---	Palo Alto	94306
WB6 CB1	Olson, Les	---	Mountain View	94040
WB6 CFW	Johnson, Ed	---	Sunnyvale	94087
N6 CHI	King, William R.	595-0258	San Carlos	94070
BN6 CHL	Swenson, Lloyd	368-8503	Atherton	94025
WK6 CMT	Ice, George E.	593-0661	San Carlos	94070
WB6 CNJ	Manders, Ken	366-7389	San Carlos	94070
WD6 CVM	Dikun, Gerald	415-325-2289	Menlo Park	94025
WA6 DCP	Delay, David M.	415-322-0900	Woodside	94062
KB6 DCX	Curtis, Mark	408-739-3988	Sunnyvale	94086
WB9 DDN	Griffith, Bill	322-4551	Atherton	94025
WR6 E	Yelton, Perry	366-9481	Redwood City	94063
IK6 EHS	Anderson, Andy	494-0831	Palo Alto	94303
WA6 ENC	Chan, Loren	408-629-1852	San Jose	95123
BN6 FEG	Thekan III, Paul	367-1499	Redwood City	94061
NB6 FFC	Bach, Mike	592-2710	Belmont	94002
WB6 FGL	Delibian, Robert	415-322-6910	Menlo Park	94025
WA6 FHC	Lapp, Kevin	364-2654	Redwood City	94061
WB6 FLE	Wardlow, Vance	854-0803	Menlo Park	94025
BN6 FLX	Bartelme, John	323-6295	Menlo Park	94025
KA6 FRK	Fraher, John	967-3822	Los Altos	94022
JK6 FS	Stuntz, Steven	322-4952	Menlo Park	94025
WA6 FSD	Hausafus, Ed	366-5640	Menlo Park	94025
KB6 FVA	Harris, Dave K.	366-5228	Redwood City	94061
VE3 FZK	Korsak, Andy	366-5228	Redwood City	94062
BN6 GEP	Cary, Charles	324-4524	Auburn	95603
WB6 GNX	Tiffany, Willard	415-322-9250	Menlo Park	94025
KB6 GWK	Bisio, Bob	326-0594	Menlo Park	94025
WB6 HBJ	Lazier, John	591-4385	Palo Alto	94303
WA6 HLE	Schumacher, Len	739-7936	Belmont	94002
BN6 HM	Krawetz, Howard M.	854-3939	Sunnyvale	94087
JK6 ISH	Matson, Walter K.	326-8637	San Carlos	94070
WB6 ISQ	Troster, John	365-276-8351	Atherton	94025
BN6 ITW	Smith, Craig	365-4068	Menlo Park	94025
WB6 IYS	Zaner, Bill	856-2089	Palo Alto	94303
JK6 JER	Scherf, Tom	365-4068	Redwood City	94062
WB6 JFH	Harper, David	591-276-8351	Deer Park	99006
KA6 JHO	Dean, Wallace	---	Menlo Park	94025
BN6 JIO	Wood, Steve	368-0483	Palo Alto	94303
JK6 JIU	Gordano, John	321-9981	Redwood City	94061
KA6 JLT	Walker, Rob	321-9981	Menlo Park	94025
WB6 JOV	Allustiarti, Ray	---	Belmont	94002
KA6 JWA	Keely, Clif	323-7056	Redwood City	94062
NM6 K	Bolton, Arthur Jr.	366-8187	Menlo Park	94025
WB6 KJ1	Clark, Ed	365-2857	Redwood City	94062
KA6 KYU	Feiler, Kurt	365-2857	Redwood City	94061
KA6 KYY	Peterson, Bob	---	Sunnyvale	94086
KA6 KYZ	Peterson, Ruth	475-593-9150	San Carlos	94070
WB6 KZJ	Daily, Larry	415-854-4447	Menlo Park	94025
ZL2 LB	Milner, Murray O.	591-8526	San Carlos	94070
WB6 LII	McEnnerney, Jack	964-6584	Los Altos	94022
WA6 LJJ	Starkey, Jerry	341-7578	San Mateo	94403
KB6 LJR	Rempel, Chris	326-4700	La Honda	94020
WB6 LML	Jenkins, Wm. D.	366-7286	Palo Alto	94301
WA6 LNV	Tucker, Gerald	493-6084	Redwood City	94061
JB6 LT	Katz, Nolan	325-9000	Palo Alto	94303
KB6 LVV	Hastings, Al	364-5462	Palo Alto	94301
KA6 LZ1	McElhinney, W.G.	368-8156	Redwood City	94061
BN6 MGO	Kennedy, Dennis	326-7846	Redwood City	94061
JK6 MPN	Doster, Landry	857-9138	Los Altos	94022
JK6 MTZ	Christofferson, G	947-8556	Palo Alto	94303
WB6 NA	Streib, Fred	326-1433	Palo Alto	94306
KA6 NAN	Taylor, Robert	326-1433	Arlington	82174
WA6 NCX	Ferranti, Rick	325-4670	Los Altos	94022
KA6 NDX	McDermott, Charles	325-4670	Palo Alto	94301
KA6 NEY	Sakols, Dan	325-4670	Menlo Park	94025
WB6 NIR	Wagstaiffe, Gerard	---	Menlo Park	94025



CALL ROSTER PAGE 2

*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
GI3 DEN	Nixon, George	854-6445	Menlo Park	94025
*N6 DHO	Stiebel, Jonathan	-----	Los Angeles	90024
WA6 DHO	Clark, Vernon		Palo Alto	94303
*K6 DL	Wallace, Robert	851-0249	Portola Valley	94025
WB6 DDO	Root, J. Eugene	323-2666	Menlo Park	94025
KB6 DWG	Horne Sr., Joe L.		East Palo Alto	94303
K16 DY	Zalaznik, Lee		Livermore	94550
ND6 P	Schoeller, William	325-1352	Atherton	94025
*W6 PFC	Talbert, Elmer		Belmont	94002
*N6 PGM	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 DWD	Airries-Norwood, C	415-365-7937	Menlo Park	94025
KD6 DZ	Battelle, Bard	854-6848	Portola Valley	94025
WB6 RAF	Lile, Irene	851-7473	Portola Valley	94025
*N6 RAH	Schujtheis, Bob	415-952-0308	Burlingame	94010
WA6 RBC	McCullom, Sid	321-6868	Menlo Park	94025
KA6 RMA	Schutzer, Mark	366-2950	Redwood City	94062
WA6 ROM	Stein, Seymour	967-0362	Mountain View	94040
*W6 RVS	Adachi, Dick		Menlo Park	94025
*N6 RY	Conboy, Terry	-----	Mill Creek	98012
*K6 SEM	Wheeler, Bob	459-2340	San Rafael	94901
WA6 SDI	Morton, Bob		Palo Alto	94306
WB6 STW	Curry, Dan	415-367-7018	San Jose	95157
*N6 STY	Dwolley, 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
*W6 TFT	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
*W6 UCE	Martin, Hank	493-9846	Palo Alto	94306
KB6 UDA	Moran, Theodore	325-9861	Menlo Park	94025
KB6 UDE	Parrish, Sara E.	326-4268	Menlo Park	94025
WA6 UJM	Lar Rieu, Barry	326-2020	Menlo Park	94026
*K6 URO	Porter, Wallace	494-7038	Palo Alto	94303
*W6 VBG	Panton, Ron	854-4814	Menlo Park	94025
WA6 VZZ	Edgerton, M.	965-6433	Mountain View	94040
WB6 WBK	Schellenberg, C.		Menlo Park	94025
*K6 WD	Hotz, Preston E.	325-8900	Menlo Park	94025
KB6 WP	Daniel, Dave	325-3347	Menlo Park	94025
*W6 WDX	Shovlin, Jim	-----	Atherton	94025
*N6 XM	Long, Loyd G.	-----	Fremont	94536
WA6 YSO	Dorrance, Dave		Redwood City	94061
*K6 YT	Canham, Fred	948-9238	Los Altos	94022
KA6 ZCU	Allen, Jim		Redwood City	94061
WA6 ZGI	Towle, Stanley	322-0890	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 Chluopek 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 KGYA 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 eighth 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 eighth 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-----

de HARRY WIJTMAN AE6M, #8 of 12.

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).

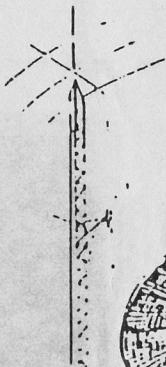
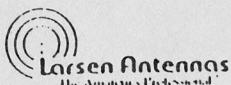
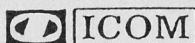
The April 1988 exercise was designed around a heavy winter storm scenario: continuous heavy rainfall, with ground saturation, flooding of important intersections, and back-up of storm drains due to high tides. San Francisquito Creek, the boundary between Menlo Park and Palo Alto, was assumed to be approaching 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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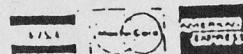


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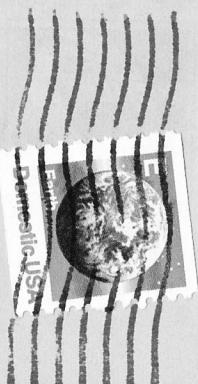


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VOL. 31
JUNE '88

First Class Mail