W6ARA

PAARA NEWSLETTER VOLUME 73, NUMBER 8, August 2022

K6OTA

K6YQT

PAARAgraphs

The Official Newsletter of the



Celebrating 85 years as an active amateur radio club—Since 1937



Community Hazards and Emergency Planning Chief Ken Dueker

Chief Dueker has been a PAARA member since the 1980s and was briefly PAARAgraphs editor, too. He is the Director of Emergency Servies for the City of Palo Alto and has held that position since 2011.

Chief Dueker joined the Palo Alto Police Department in the 1990s as a Reserve Officer and, later, worked full-time. He served in the Field Services Division (Patrol) as well as the Investigative Services Division (Detectives) in general law enforcement as well as special projects, later, reporting directly to the City Manager and to the Police Chief.

Chief Dueker previously was a corporate emergency planner for the Atlantic Richfield Company (ARCO) where he developed life safety and disaster recovery contingency plans for the protection of company personnel and facilities. These plans and programs were tested and validated during the Northridge Earthquake of 1994.

Chief Dueker completed graduate school at Harvard University where he earned a doctorate in law (J.D.) from Harvard Law School. He holds an undergraduate degree, cum laude, from Pomona college (Claremont Colleges).

This meeting will be a Hybrid Meeting Zoom and In Person

Time: August 5, 2022 07:00 PM Pacific Time Please check https://www.paara.org for Zoom Details

	Upcoming Events		
	Aug 5*** Sept 2 Oct 7	PAARA General Meeting, 7:00 PM In-Person and Zoom Meeting *** Zoom & IRL Meeting	
	Aug 17 Sept 21 Oct 19	Board Meeting, 7:00 PM. Everyone welcome! Zoom Meeting, eMail President for details!	
	Cancelled	Electronic Flea Market	

President's Corner

August 2022

I need to start with a huge apology to everyone involved with the start of last month's zoom meeting. I was camping at Lake Mead for one day and it was 110 degrees in the shade! That was more than I wanted to endure so I moved to the Valley of Fire State Park for



AC to cool down even more. The downside was I had no cell service in the park! I felt everything was covered but didn't expect zoom to require an access code that was emailed to me for Doug to start the meeting, needing a code was a first. Unfortunately, I didn't learn of this issue until about 7 I PM when I received a raft of texts but didn't have lenough signal strength to respond until driving 10 miles out of the park. Thus, all the undue pressure to start the meeting on time would have been averted if I had service. We'll work on a solution to

(President — Continued on page 4)

PAARA Field Day ~ 2022

As this year's PAARA Field Day was different than it has been in many years and everyone is short on time, I asked the four main orchestrators of the event to each write a few paragraphs

on their experience and perspective of the event. There are a few minor changes to the stories from what they submitted to improve the flow. It sounds like everyone enjoyed themselves. I'm sorry that I missed the event of the year! The following is the result of that request.

PAARA owes a large THANK YOU to each of them for putting this fine event together! Please personally thank them at your earliest convince.

73, Jim K6SV

Field Day = Smiles

By Rob Fenn, KC6TYD

The deafening silence from the Menlo Park Parks Department. Let's at least do something!! A scramble to make a Field Day Lite. The race to find a place. Few options with lots of restrictions. Doors open and doors close. Finely, we secure a spot at Rengstorff Park. Now to plan and organize. Which radios do we use? Which antennas are available? We'll need to purchase food. The list goes on. Even on the morning of the event, not one, but two power sup-Ric at station B Nevertheless, we overplies fail. came and when all was said and done, PAARA's Field Day Lite was a success. A success because we had the most impressive setup? Maybe not. A success because we made lots of points? No, far from that. It was a success because members and visitors engaged, learned, and left with a smile. Nothing speaks louder than the look of excitement and inspiration that glowed from the faces of all the participants. I hope that next year we'll have the same results.

Field Day Light

After a two-year Covid-driven hiatus, PAARA finally participated in Field Day for 2022, actually in the field. Personnel changes at the City of Menlo Park complicated our efforts to secure

> our usual spot at Bidwell Bayfront Park. We didn't exactly get an overwhelmingly positive response to our survey of member interest on the subject either, making our usual big team effort doubtful.

> Unwilling to completely give up on the idea of some sort of Field Day, Rob, KC6TYD, our esteemed Vice President and I set about trying to find an alternate venue for a smaller event than our usual one. Sunnyvale Baylands Park seemed like a good spot, until we contacted the City and were told that our antennas would not be allowed, so we continued our search. ultimately settling on Rengsdorff Park in Mountain View. Thanks go to Christopher, Al6KG for making the reservation as a Mountain View resident.

> No problem with antennas, a very nice picnic area with lots of tables, a big lawn, and a big BBQ were the highlights of the site, with trees to boot! I was delighted to have received a Buddihex, 6-band portable hexbeam from Chris at Buddipole about two weeks before the event and brought it out. It went up in about 45 minutes with the help of several interested hams, and back down at the end of the day in about 30 minutes. (Thanks Clark!)

> We borrowed Kristen's triplexer & filter set up so we could run two transmitters off that one antenna. worked well in that neither radio interfered with the other, but 15 wasn't very active and 10 was non-existent. 20 meters, as always, was hopping and we made phone contacts all up and down the east coast, the midwest, Colorado, Montana, and up and



Doug at station A





Roy at GOTA

(Field Day 22 — Continued from page 2)

down the west coast, including contact with British Colombia, all with the beam aimed roughly east.

Thanks to Rob, we had tasty burgers & dogs, with all the trimmings and a very nice selection of ice cold beverages, including my favorite IBC root beer!

Ric's 15-meter station made phone and CW contacts, at one point with a straight key, but GOTA was our star performer this year, busy almost all day, making more contacts than either of the other two stations. Well done Christopher and his group!

For me, it was especially good to see all my old friends after being largely holed up at home for the past two years.

Thanks to Rob, Ric & Christopher for all their work to make this happen and to everyone who came out to join us. Sorry if you missed it. It was a lot of fun!

It looks like we may have a new "In" with Menlo Park, so we're hoping to be back at Bayfront Park next year. Stay tuned for more on that.

73 de KG6LWE Doug

PAARA Field Day 2022: The B Station

This year, I captained the "B" station at Rengstorff park for PAARA's class 2A effort.

After Doug got his spider beam in the air, we connected both rigs through the bandpass filters to the beam. This worked quite well: no interference to either station.

Our "B" station this year was the Icom IC-7300 that the club received as a donation from the KN6DH estate. It's a cool transceiver, with a real-time bandscope and touch-panel controls in a compact package. The "nifty guide" to the rig made it easier to figure out some of the functions. Just after I started up, the power supply went dark. So we had a short delay while I chased down a replacement. (On my bench at home, the supply seems to be working fine, so I don't know what happened.)

The B station ran 15 meters exclusively, and conditions were not great. We worked 3 stations on SSB, all locals, and an additional 7 on

CW. I did hear a couple of Atlantic stations working the "His Majesty the King of Spain" contest, but they didn't hear me.

It was a sunny day, with radios, and a good gathering of PAARA members stopping in. This was a fun event: 5/5 stars, would do it again!

Ric Hulett N6AJS

PAARA Field Day GOTA station

In case you don't know, a GOTA or "Get On The Air" station is where experienced hams help unlicensed individuals and hams that have never been active (or long inactive) on HF get on HF and make contacts.

Christopher Hoover Al6KG was the captain of the station. Roy Gross KM6EOO was the tutor and provided patient and skilled instruction throughout the day. Roy may be familiar to some of you – he was an extraordinary student of PAARA's GOTA station some years back.

As with previous years, we used Al6KG's Elecraft K3S transceiver with an external speaker and a Heil desk microphone. antennas, we had raised both an AERIAL-51 Model 404-UL off-center fed dipole and a W1SFR KX3 HELPER end-fed "random wire" Both were put high into park trees antenna. with an Alan Biocca PADS pneumatic launcher. A VA6AM 40m bandpass filter was placed inline when we were operating on 40m to knock down 20m harmonics.

The setup with the speaker and the desk microphone again proved to work well for GOTA. The coach and the student and those waiting for a turn can all hear the QSOs and, importantly, each other. The desk mic with its PTT button on the base is easy for newbies to activate and the coach can reposition the mic easily if needed.

We had 11 individuals operate on the station. We finished the day with 48 QSOs.

Al6KG would like to say TU to KM6EOO for the FB on GOTA OM.

CARES Field Day

Darryl KI6LDM

Cupertino Amateur Radio Emergency Services

(Field Day 22 — Continued on page 4)

(Field Day 22 — Continued from page 3)

(CARES) is an all-volunteer ARES / RACES group of license hams reporting into the Cupertino Office of Emergency Services (OES). CARES participated in the ARRL 2022 Field Day at Memorial Park in Cupertino. All of the people wearing vests in Fig 1 are CARES volunteers.

CARES operated under the call sign K6KP as 1F SCV. The vehicle behind everyone in the Fig. 1 is ComVan 469 which CARES uses as an extension of the EOC.



Fig. 1 — CARES Field Day Participants and Dignitaries

In Fig. 1 From the center: City of Cupertino Mayor Darcy Paul in black overcoat and jeans, to his left is City Council member Kitty Moore, to his right is City Council member Jon Willey, off to the left is Vice Mayor Liang Chao in the blue overcoat and black outfit.

In addition to being visited by the city council, County Fire station 70 also stopped by with their recently acquired latter truck as seen in the photo below:



The transceiver used for CARES was an ICom IC-7610 running off of a 60AHr LiPo4 battery. The Logging software used was N1MM+ that was linked to the radio. The photo below shows

the station setup.



(President — Continued from page 1)

this problem to avoid future issues.

Now that Field Day is in the books, I hope everyone enjoyed themselves in whatever activity they chose for the June 25-26th weekend. I understand through the grapevine that we had a nice turnout at the PAARA Rengsdorff Park FD site. Thanks go out to everyone that helped put it together, especially Rob KC6TYD, Doug KG6LWE; Ric N6AJS, Christopher Al6AG, and any other primary helpers that I don't know about. Thanks also go to those who came to support the event or just see what was going on and grab a little food or socialize with others. I understand the GOTA station was an active place with people wanting to try their hand at making contacts on HF.

Operating 2A, which we did this year, hasn't been done by PAARA in many years. Yes, in the history of the club back in the days when we owned a trailer that was where our operating location, one station at each end of the trailer. From my recollection, the last year for using the trailer was 2007. It was falling apart and a bit claustrophobic. Anyway, operating 2A this year was more of a way to get the club back into the swing of FD after the 2-year COVID hiatus and the fact we couldn't get a permit for our usual location. One good thing the event uncovered is a possible ally to getting back into Bidwell Bayfront Park next year. Stay

(President — Continued on page 5)

(President — Continued from page 4)

tuned for that.....

¦As for me, as you might remember, I left the י weekend before FD for Nevada outside Las Vegas to attend a Bronco Off-Rodeo event hosted i by Ford to learn all the ins and outs of my new! Bronco and get a better understanding of its capa-i bilities and how to go "wheeling", which I've not! !done before. My son, Eric, KJ6LAY, and I attended the event. As you saw in last month's PAAR-I Agraphs, there was a picture of a Bronco negating what's known as "Dead Man's Drop" with its right i rear tire about 3' off the ground putting the Bronco in a 27-degree tilt! Yes, everyone in the class! worked their Bronco's into and out of this obsta-'cle! Yes, it's a very strange feeling to be inside a vehicle in this position! Everyone in the class thoroughly enjoyed the experience! Over the next couple of days, my son and I ran the "Bitter" Springs Trail" just south of The Valley of Fire! State Park, the Mt. Potosi trail to a historic still operating Pioneer Saloon in Goodsprings, and the Cottonwood Trail. The last two trails effectively go around the 8,517' Mt. Potosi.

Eric flew home a few days later to return to work. Being retired, I returned to my motorhome in which we had been camping off the Lovell Valley Road on BLM land. There are many trails in the area to follow which have kept me occupied along with just kicking back. Being at 5,000'. It is cooler than in LV, which is 20 miles away, and cools off at night, which is very enjoyable. I'm also up in an area where there are some short trees and not just desert emptiness. The wind or breeze usually comes up in the afternoon to stir things up a bit. I even got rained on a couple of times.

With all of that said, what about my Field Day you might ask? On the morning of the 25th, I set up my trusty Bravo 7K that I'd used in late January to

contact Africa and win the DX competition at Quartsfest. That along with my IC-7100 connected to my computer for logging and I was more or less ready to go. That is until I put my headset on when I discovered my right earmuff dangling from the wire! Not quite the start I'd

hoped for. After a few minutes of tinkering around and with the use of an ever-fateful zip tie, I was back in business. I used this same set up last year for FD but my location wasn't very good and I wasn't at 5,000'. This year when I turned the radio on all I could hear were LOTS of stations piled on top of each other! After an hour, I was a bit discouraged as I only made 2 contacts! Remembering Rob Sherwood's presentation earlier in the year about radios and their ability to tune to small sections of the spectrum to be useful in contesting the IC-7100 isn't one of those "good" contesting radios, but that's not why I purchased it.

Though only on the radio for an hour, I took a break hoping all the hyperactivity at the start of the event would settle down. Returning to the ra-1 Idio, I wondered why I was working in the general; part of the band, thinking there should be fewer! stations in the Amateur Extra part of the band. I was correct; stations were not as stacked up as in I the general part! Oh, it pays to have that Extra license! Things were looking up and stations accumulated in the log. Now, working search and I pounce, turning the tuning knob to find new stations, isn't the best way to rack up contacts but! that was OK with me. Due to the valley, I am in, propagation to the west was next to nonexistent. In heard many Texas stations along with Canada! !stations. I even made my 1st Maritime Mobile i contact to a station in Canada! This year I even! heard and was able to work stations on the east coast, which had not happened the past couple of years. I think the new 100W rule helped level the playing field. By the way, there's a ham adage, "if I you can hear them, you can work them". I don't! believe that's true on FD! I had an S1 noise floor but many stations couldn't copy me through their! QRM and other noise issues. Frustrating when you can copy them 59 but can't complete that! contact with them! But, that's the nature of what;

we do.

I worked 20M until roughly 8:30 PM then switched 40M. I hadn't man-<u>'</u> aged many contacts on 40M before the desert bugs, some of around them ا "2.5 long, decided to invade me. At that i point, it was time to! bail and regroup for

President — Continued on page 6)

(President — Continued from page 5)

tomorrow. Likely, I should have planned to set the station up on the Motorhome but in the spirit of being in the "public", I opted to set up outside.

What's FD w/o using something new? I purchased an Alpha HexTenna Antenna:

https://alphaantenna.com/product/portable-vhf-uhf-hf-antennas/portable-vhf-uhf-hf-efhw-dipole-antennas/vhf-uhf-hf-portable-hextenna-alphaantenna/

as part of my winning the DX contest at Quartzfest. This was my opportunity to test it out. For
those not familiar with the antenna, the "Hex" part
comes from the connection hub for two SS telescopic elements that can be connected either as
a vertical antenna or using both elements as a
dipole antenna. The telescopic elements are just
over 16' each when fully extended making it a
20M dipole. Shortening the elements allows you
to change bands. I learned how not to assemble it
but managed to get it up on top of a guyed 7'
painter's pole. Extending to the pole got the antenna roughly 14' off the ground.

I made quite a few contacts using that antenna. Mind you, a dipole antenna is a bit bi-directional so periodically I'd run out to change the orientation of the antenna. Yes, I opted to set the station up on the motorhome mostly due to the early AM sun. Amazingly, I made contact with one west coast station in SF! At the end of the event, I managed 73 contacts, I know that's nothing compared to many but remember, "have fun". For me it wasn't about racking up hundreds of contacts but, I had lots of fun! My final submitted preliminary score is 496.

Doug, KG6LWE, have attempted to make HFI contact with each other from various locations as I travel around. We have never been very successful at having a QSO. With the dipole antenna, I usually have my Bravo 7K deployed; we decided to give it a go after FD had ended. Shock to us both, we made a 59 contact on the first call! We had an FD wrap-up QSO for 15 minutes or so before the band went away. What a nice cap to an eventful weekend!

As you may read in the board minutes, Cubberly informed us of a re-roofing project that started on 7/16 on the H wing, the wing we meet in. We were advised that the front parking area and several parking spaces along the H wing wouldn't be available. That said, please plan on parking in the rear or the back area of the shopping center next

door. There's a gate in the fence to walk through almost opposite our meeting room. Please leave what few parking spaces along the H wing for the handicapped or someone who has a bunch of stuff to haul into the meeting room.

By the time you read this or shortly thereafter, you will receive a questionnaire on some kind of celebratory event on the 85th anniversary of PAARA. PLEASE, take a few moments to complete the questionnaire, as it will greatly assist the board in determining what direction the membership would like to go regarding an activity to celebrate our 85th year. BTW, we don't intend on making this a member-only event.

This post FD issue of PAARAgraphs is a bit differlent as was our FD effort. You'll find several differlent FD stories and perspectives on FD for various members.

I look forward to seeing everyone at the August 5th meeting. I plan to head home the last week-lend of July.

. i 73, Jim K6SV

Get on the air to keep the airwaves alive!

July 2022 Board Meeting Minutes

Present were President Jim Thielemann K6SV, VP Rob Fenn KC6TYD, Secretary Ric Hulett N6AJS, Treasurer Bob Korte KD6KYT, Directors Walt Gyger K6WGY, Doug Teter KG6LWE, Darryl Presley Kl6LDM, Joel Wilhite KD6W. Also attending was Christopher Hoover Al6KG. A quorum was present. The meeting was called to order at 7:12 pm

President's Report: Thanks to Rob KC6TYD for conducting the July PAARA meeting in Jim's absence.

Field Day Update: I understand from a few that I talked with that everyone had a good time. Thanks go out to everyone who assisted in making the event happen. Most notably, Rob, Ric, Doug, and Christopher, GREAT Job! Rob and Christopher will assemble the log for FD submission.

We hope to have Field Day 2023 back at Bedwell Bayfront Park.

Secretary's Report: No new members joined this month: It's the quiet part of the membership

(Continued on page 7)

(Continued from page 6)

year.

Doug KG6LWE has ordered a batch of member badges: If you are awaiting yours, it should be in the mail.

Treasurer's Report: We paid \$1500 to Joel Wilhite, to reimburse for AV equipment for Zoom meetings. PAARA made two payments to the print shop, \$54 for coffee, \$522 for postage (for the rest of the year). Receipts are in hand for Field Day expenses and raffle prizes.

VP / **Program Chair Report:** Ken Dueker KB6BPM will be the speaker at the August PAARA meeting. Ken is the Director of Emergency Services for Palo Alto. His topic will be "Community Hazards and Emergency Planning".

Raffle prizes for the August meeting are ready to go.

Old Business:

Field day coordinators are requested to send a short description and pictures by Saturday July 23, in time for inclusion in the August PAAR-Agraphs.

PAARAgraphs Articles: Club members, please support your newsletter by sending your stories for PAARA publication! We have a continuing need for submissions, and you can help. Send articles and/or pictures to Jim, K6SV.

Storage for Gerry N6NV: Jim and Doug will meet at Gerry's place to review the PAARA-owned materials and plan a move.

Our accountant is up to date with our books.

No new radio sales this month.

N6AJS will publish a survey about a PAARA 85th anniversary event before the August meeting.

PAARAgraphs advertising: Excess Solutions is closing. They will not be an advertiser in the future.

New Business

Silent Key Ham Equipment: We have been contacted by the daughter of a local ham, who has some of her father's gear to dispose of. We will assist if we can: N6AJS will give a rough esti-

mate of value. The club won't be buying the gear directly, but we may place an advertisement in PAARAgraphs.

Cubberley Meeting room: There is roof maintenance on the H wing (where our meeting is held). The meeting room will be available, but parking may be a problem. For the next two meetings, please leave the close-in parking for members who need the short walk.

Pacificon will be held October 14 to 16, in San Ramon. Registration is open now. Mikko Sannala AB6RF is coordinating the W1AW/6 station.

The meeting was adjourned at 8:22 pm.

Respectfully submitted,

Ric Hulett N6AJS PAARA Secretary

For Sale: Complete Drake TR-4C Package TR-4C w/RIT with 34-pnb, RV4, AC4, DC4, Ameritron ATR-20 tuner, D104 mic and more.

All in excellent operating and cosmetic condition, all re-capped. Core station had a spa visit with Ron Baker 2/2021.

Cash sale, Price to be negotiated., no returns. Pick-up in Menlo Park.

See it here: https://forums.grz.com/index.php?
<a href="https://forums.grz.com/index.php.grz.com/index.php.grz.com/index.php.grz.com/index.php.grz.com/index.php.grz.com/index.php.grz.com/index.p

73, Bob WO6W wo6w@arrl.net

EXCESS SOLUTIONS

Electronic Surplus Mega-Store

Excess Solutions is relocating their business and beginning an on-line only sales model:

Web: www.excesssolutions.com

PAARA Thanks Excess Solutions for their support. We will miss you!



July Raffle Winners From Left to Right:

3rd prize Kieth Swaney, K10KS, First aid kit

1st prize Leigh Ann Weiland, K6WXO, PacT-

enna 9:1 random wire antenna

4th prize Bob Korte, KD6KYT, Note pad and

pen

2nd prize Daryl Presley. Kl6LDM, Multiple con-

nector kit

PAARA

RAFFLE 4529725

1st Prize Dremel Versatip Butane Soldering Torch.

2nd Prize Powerwerx Precision Watt Meter & Power Analyzer.



3rd Prize Signal Stick ½ wave dual band antenna.





4th Prize Anderson Powerpoles



Palo Alto Amateur Radio Association, Inc. PO Box 911 Menlo Park, CA 94026 Officers PresidentJim Thielemann, K6SV 408-839-6815 thielem@pacbell.net Vice PresidentRob Fenn, kc6tyd 650-888-9060 kc6tvd@gmail.com Secretary Ric Hulett, N6AJS 408-332-4593 energyconserved@sbcglobal.net Treasurer.....Bob Korte, KD6KYT 408 396 4745 bob@rgktechsales.com **Directors** Director ('21-'22) Joel Wilhite. KD6W 408-839-5948 kd6w@arrl.net Director ('20-'21) Walt Gyger, K6WGY 408-921-5901 walt@tradewindsaviation.com Director ('21)...... Doug Teter, KG6LWE 650-743-7892 dteter@wcwi.com ki6ldm@arrl.net **Appointed Positions** Membership......Vic Black, AB6so 650-366 0636 ab6so@smrn.com DatabaseRic Hulett, N6AJS 408-332-4593 energyconserved@sbcglobal.net Chaplain Rick Melrose K6RDM 408-341-9070 K6RDM@yahoo.com Public AffairsPosition Vacant Station Trustee w6otx, w6ara....Gerry Tucker, n6nv Station Trustee κ6γQT. Doug Teter, kg6lwe 650-743-7892 Station Trustee K60TA... Ron Chester, W6AZ Property Manager Gerry Tucker, N6NV Badge Coordinator Doug Teter, kg6lwe 650-743-7892 dteter@wcwi.com Historian Position Position Vacant Raffle Coordinators Rob Fenn, KC6TYD, rtyd@aol.com Shrikumar, KA6Q shri.paara@enablery.org Field Day Coordinator ... Doug Teter, kg6lwe 650-743-7892 ASVARO Rep...... Clark Martin, KK6ISP kk6isp@comcast.net Webmaster......John Miller к6мм webaron@gmail.com Technical Coordinator ... Joel Wilhite. Kp6w 408-839-5948 kd6w@arrl.net QSL Manager......Marty Wayne, w6NEV Speaker Coordinator.....Rob Fenn, kc6tyd 408-234-8023 650-888-9060 PAARAgraphs Staff **Editorial Board** Bob Van Tuyl κ6κwy Kristen McIntvre ĸ6wx Ron Chester w6AZ Vic Black AB6so Jim Thielemann κ6sv Joel Wilhite, KD6W Editor.....Bob Van Tuyl, κ6κwy 408 799-6463 rrvt@swde.com Back Up EditorJim Thielemann, κ6sν 408-839-6815 thielem@pacbell.net Advertising......Walt Gyger, к6wgy 408-921-5901 walt@tradewindsaviation.com Member Profiles Position Vacant Technical Tips Vic Black, AB6so 650-366 0636 ab6so@smrn.com

Photographer......Position Vacant

VE Exams

Redwood City Main Library, Community Conference Room, 4th Saturday 10:30 am each month and De Anza Park, Sunnyvale, 2nd Saturday 10:30 am each month except November and December. See website for details and exceptions: http://amateur-radio.org or Contact Al, WB6IMX@att.net

Electronics Flea Market

Sponsorship by A.S.V.A.R.O. - Association of Silicon Valley Amateur Radio Organ-

Second Saturday of month, March-September, 6am-12 noon Contact: htt

PAARA — Palo Alto Amateur Radio Association

Meets 1st Friday 7:00pm each month at Room H-6, Cubberley Community Center; Net 145.230 - PL 100Hz Mondays at 8:30. See our website at http://www.paara.org for more information or contact: Joel Wilhite KD6W, KD6W@ARRL.NET, 650-325-8239

FARS — Foothills Amateur Radio Society

Meets 4th Friday each month at 7:30pm Contact: http://www.fars.k6ya.or

NCDXC — Northern California DX Club

Meets 3rd Thursday 7:30pm each month, Repeater for member info 147.360, Thursday 8:00PM Contact: http://ncdxc.org or Mike Gavin W6WZ, (650) 851 8699

50 MHz & Up Group

Meets 1st Thursday each month at 7pm in the Summit Room at the Sunnyvale Sports Basement, 1177 Kern Ave, Sunnyvale Contact: http://50MhzandUp.ord

San Mateo Radio Club W6UQ.ORG

Meets, 3rd Friday, January through November Tuesdays, [Directed] Net, 7pm, N6ZX 145.370Hz -600KHz PL107.2Hz Contact: http://W6UQ.org/

Southern Peninsula Emergency Communication System

Meets each Monday 8:00pm on Net 145.27, 440.80 MHz Contact: http://specsnet.org or Tom Cascone, KF6LWZ, 650-688-0441

South County Amateur Radio Emergency Service

Meets 3rd Thursday 7:30pm each month, Belmont EOC, Belmont City Hall, One Twin Pines Lane, Belmont CA 94002. Net is on 146.445 [PL 114.8] & 444.50 (PL-100) 7:30 Monday evenings. Contact: President Gary D. Aden, K6GDA 650-743-1265 (D), 650-595-5590 (N)

Web: http://k6mpn.org E-mail: pres@k6mpn.org

SCCARA

Santa Clara County Amateur Radio Association

Operates W6UU & W6UU/R, repeater 146.985-pl Nets: 2m, 7:30pm Mon; 70cm, 10M (28.385) 8PM Thur. Meets 2nd Mon each month @ 7:30 PM. ARRL/VEC license testing contact 408-507-4698

SVECS — Silicon Valley Emergency Communications

Operates AA6BT repeater (146.115 MHz+) contact: http://www.svecs.net or Lou Stierer WA6QYS 408 241 7999

TEARS — The Elmer Amateur Radio Society

Dedicated to operational training, knowledge building & FCC exam testing. KV6R repeater under construction.

Most members are Extra Class or VE's. See QRZ dot com/kv6r for class info

WVARA — West Valley Amateur Radio Association

W6PIY six-meter repeater on 52.58mHz. Normally, six-meters is linked with 147 and 223, while 441 and 1286 repeaters are linked.

UHF:

52.58 (-500) 151.4 ctcss 147.39 (+600) 151.4 ctcss 223.96 (+1.6) 156.7 ctcss 441.35 (+5.0) 88.5 ctcss 1286.20 (-12m) 100.0 ctcss

Meetings are 2nd Wednesday of every month except July, August and December. Contact: http://wvara.org, Bill Ashby N6FFC, 408-267-3118, president@wvara.org

American Red Cross, Santa Clara Valley Chapter

Contact: http://santaclaravalley.redcross.org or Scott Hensley KB6UOO, (408) 967 7924 fshensley@Novell.com

(Please send changes to PAARAgraphs editor)

This Ad space is available

PAARA Weekly Radio Net

Info and Swap Session every Monday evening at 8:30pm on the N6NFI 145.230 MHz repeater

Week Control Operator

Joel - KD6W

2nd Vacant

3rd Ric -N6AJS

4th Rob - KC6TYD

Rob - KC6TYD

If you're interested in trying out at Net Control, Contact Doug, KG6LWE. It's good practice, and lots o' fun! Give it a try.



➤ Aircraft Rental

> Pilot Supplies

➤ Maintenance

➤ Aircraft Sales

Contact

Maya and Walter Gyger

1-408-729-5100

mail@tradewindsaviation.com

Address

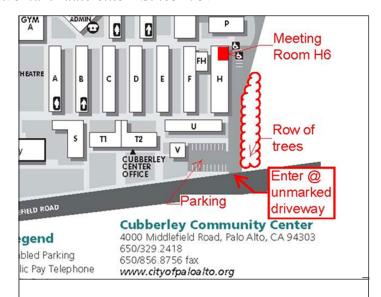
2505 Cunningham Ave, San Jose, CA 95148

Information

www.tradewindsaviation.com

Opening hours

Monday-Friday: 8 AM - 7 PM; Saturday-Sunday: 8 AM - 6 PM



Location — Middlefield Road Meeting between San Antonio and Charleston in Palo Alto. 4000 Middlefield Road

Tribulations about moving? We Have Seen It All And I Can Help You

Experienced in Residential and Commercial Property, Full time REALTOR since 1975 Call me at Terrace Associates, Inc. MOBILE 650-274-8155, OFFICE 650-369-7331 **KARL DRESDEN**, R.E.# DRE 00525686

KJ6GUK General License, PAARA member 777 Woodside Rd., Suite B, Redwood City, CA 94061 Email: KARLDRESDEN@juno.com

Palo Alto Amateur Radio Association P.O. Box 911, Menlo Park California 94026-0911

Club meetings are on the first Friday of each month, 7:00pm at the Room H-6, Cubberley Community Center.

Radio NET & Swap Session every Monday evening, at 8:30pm, on the 145.230 -600 MHz repeater, PL 100Hz.

Membership in PAARA is \$25.00 per calendar year, which includes one subscription to PAARAgraphs \$6 for each additional family member (no newsletter). Make payment to the

Palo Alto Amateur Radio Association. P.O. Box 911, Menlo Park, CA 94026-0911

Permission is granted to reprint from this publication with appropriate source credit.

ARV'S, WA6UUT (SK) WEDNESDAY **HAM RADIO** LUNCHEON Our 15th year! - Since May 2, 2007 – **BLACK BEAR DINER**

Sunnyvale, California 415 East El Camino Real (Just "North" of South Fair Oaks Avenue on El Camino Real) 11:30 AM ~ 3:00 PM

Website:www.blackbeardiner.com

Many food choices available from the breakfast, lunch or dinner menus. Ample parking is available. Walk in & "bear" left for our location in the restaurant!

NOT A CLUB, CLOSED GROUP OR CLIQUE; AMA-TEUR RADIO OPERATORS AND FRIENDLY PEOPLE ARE **ENCOURAGED TO ATTEND!** Call in on the N6NFI Repeater, 145.230 MHz, PL® 100Hz

Submit items to **PAARA***graphs*

by the 3rd Wed to: rrvt@swde.com Text: .doc, .rtf, or .txt Photos: jpg, png or tiff

Subscription Problems? Contact Database Manager: Ric Hulett, N6AJS 408-332-4593 energyconserved@ sbcglobal.net



Have vou discovered us?

Silicon Valley's favorite brick'n'mortar for components and supplies for prototyping

(408) 727-3693

Anchor Electronics 2040 Walsh Ave, Santa Clara Download our Price List PDF www.anchor-electonics.com



PowerFlare® safety lights: Ultra-rugged 360 degree LED beacon for your emergency kit, car, home ... www.powerflare.com

PAARA W6OTX DMR Repeater **Frequencies**

DMR—NOR CAL 144 – 144.9625 up 2.5 MHz Brandmeister 440 - 444.475 up 5 MHz **DMR** 900 – 927.225 down 25 Mhz On Line



ENTER YOUR SPECIAL COUPON CODE TO GET THE PAARA DISCOUNT Order online at www.rescuetape.com - (702) 953-0968

PAARAgraphs Ad Rates

PAARA graphs accepts paid advertisements from non-members. (short personal ads remain free for members in good standing). All ad rates listed are per issue.

1. Not-for-profit ads by association members for ham-related items and wants. No cost for business card—size ads (additional space at \$2.50 per business card size per issue).

2. For Profit organizations and/or individuals: \$5-business card size, \$14.00-quarter page, \$25-half page, \$50 full page or back cover per issue.

These fees may be reduced or waived in exchange for a valuable consideration that is given to the Association or its general membership. Such consideration must be in addition to any existing trrangements with the association. The PAARAgraphs editors reserve the right to reject any ad deemed to be not in the best interest of the Association.

All fees payable in advance by the year with "scanner-ready" copy or text-only ads. Give payment and copy to Walt Gyger, K6WGY.

PAARA Badges

In the absence of in person meetings, you can still order a badge from the Club's website. PAARA.org Go to the bottom of the membership page to order. Badges will be mailed to purchasers, at an additional cost of \$4.95 until we can meet face to face again.

PAARAgraphs — August 2022

Accept no substitutes. Produced and printed in California USA

STAMP

Palo Alto Amateur Radio Association, Inc. PAARAgraphs Newsletter P.O. Box 911 Menlo Park, California 94026

FIRST CLASS MAIL

Address Service Requested

ONLINE – WWW.HAMRADIO.COM PHONE - Toll-free phone hours 9:30AM - 5:30PM

SAN DIEGO, CA (877) 520-9623 SACRAMENTO, CA (877) 892-1745

DENVER, CO (800) 444-9476 PORTLAND, OR (800) 765-4267

PHOENIX, AZ (800) 559-7388

MILWAUKEE, WI (800) 558-0411 NEW CASTLE, DE (800) 644-4476

WINTER SPRINGS, FL (800) 327-1917

SALEM, NH (800) 444-0047 WOODBRIDGE, VA (800) 444-4799

WWW.HAMRADIO.CON

FTDX101D | HF + 6M Transcei

◆Narrow Band SDR & Direct Sampling SDR ◆ Crystal Roofing Fitness Phenomenal Multi-Signal Receiving Characteristics ◆ Uniteriors Phenomenal Multi-Signal Receiving Characteristics ◆ Uniteriors → National Multi-Signal Receiving Characteristics ◆ Uniteriors → National Multi-Signal Receiving Characteristics → National Receiving Characteris

Real-time Spectrum Scope with Automatic Scope Control • Multi-color waterfall display • State of the art 32-bit Digital Multi-color waterfall display • State of the art 32-bit Digital Signal Processing System • 34/bz Roofing Filter for enhanced performance • 3.5 Inch Full Color ITF USS Capable • Internal Automatic Antenna Tuner • High Accuracy TCXO

FT-2980R | Heavy-Duty 80W 2M FM Transceiver

FT-991A | HF/VHF/UHF All ModeTransceiver

FT-818ND | HF/6M/2M/440 All Mode Portable Xcvr

Ultra-Compact/Portable • Multi-Color Easy to See LCD • 208
 Memory Clarmels/10 Memory Groups • Built-in Electronic Keyer
 Internal Batter / Operation Capability • Two Antenna Connectors
 Built-in High Stability Oscillator ±0.5 ppm

Massive heatsink guarantees 80 watts of solid RF power • Loud 3 watts of audio output for noisy environments • Large 6 digit backlit LC0 display for excellent visibility • 200 memory channels for serious users

 RETAIL LOCATIONS - Store hours 10:00AM - 5:30PM - Closed Sunday FAX – All store locations



MAIL – All store locations



FTM-6000R | 50W VHF/UHF Mobile Transceiver

Supports Optional Bluetooth® Wireless Operation Using the SSM BT10 or a Commercially Available Bluetooth® Headset All New User Operating Interface-E20-III (Easy to Operate-III)
 Robust Speaker Delivers 3W of Clear, Crisp Receive Audio
 Detachable Front Panel Can Be Mounted in Multiple Positions

Quick Home Channel Access Compact Commercial Grade Rugged Design •
Large Front Speaker Delivers 1W of Powerful
Clear Audio • 5 Watts of Reliable RF Power With-

Narrow Bard and Direct Sampling SDR • Down Conversion, White IF Roofing Filters Produce Excellent Shape Factor • 5' Full-Color Touch Panel wXD Spectrum Stream • High Speed Auto Antenna Tuner • Microphone Amplifier w/3-Stage Parametric

FTDX10 | HF/50MHz 100 W SDR Transceiver

Equalizer • Remote Operation w/optional LAN Unit (SCU-LAN10)

50W Reliable Output Power • Real Dual Band Operation (V+V, U+U, V+U, U+V) • 2-inch High-Res Full Color TFT Display • Band Scope • Built-in Bluetooth • WIRES-X Portable Digital Node/Fixed

FTM-300DR | C4FM/FM 144/430MHz Dual Band

Node with HRI-200

DC Supply and Battery Charging FT-5DR C4FM/FM 144/430 MHz Dual Bano

 High-Res Full-Color Touch Screen TFT LCD
 Display • Easy Hands-Free Operation wBallt-In
 Bluetooth® Unit • Built-In High Precision GPS
 Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot

FT-65R | 144/430 MHz Tran

System Fusion Compatible • Large Front Speaker delives 700 mW of Loud Audio Output Automatic Mode Select detects CAFM or Fin Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for

FTM-400XD 2M/440 Mobile

MicroSD slot • 500 memory per band Color display-green, blue, orange, purple, gray • GPS/APRS
 Packet 1200/9600 bd ready • Spectrum scope • Bluetooth •

FT-70DR C4FM/FM 144/430MHz Xcvr

Indicator) & MPVD (Multi-Purpose VFO Outer Dial) • PC Remote Control Software to Expand the Operating Range • Includes External Power With Matching Front Speaker Hybrid SDR Configuration
 Unparalleled 70 dB Max. Attenuation
 VC-Tune
 New Generation Scope Display 3DSS
 ABI (Active Band FTDX101MP | 200W HF/50MHz Transceiver

Rugged Construction in an Iltra Compact Body * Stable 100 Watt Output with Efficient Dual Internal Fans * 92-Bit F DSP Provides Effective and Optimized GNM Rejection * Large Dot Matrix LDD Display with Quick Spectrum Scope • USB Port Allows Connec-

tion to a PC with a Single Cable • CAT Control, PTT/RTTY Control

FT-891 | HF+50 MHz All Mode Mobile Transceiver



Family owned and operated since 1971

WWW.HAMRADIO.COM