

Stockton-Delta Amateur Radio Club



AN ARRL AFFILIATED CLUB

WWW.W6SF.ORG

August 2021

Welcome to the Stockton-Delta Amateur Radio Club

**AUGUST MEETING
ANNOUNCEMENT
THURSDAY, AUGUST 12TH**

**Social starts at 6:00 PM
Meeting starts at 7:00 PM**

**Stockton Sailing Club
4980 Buckley Cove**

PICNIC / ICE CREAM SOCIAL / T-HUNT

Ice Cream Social



QST QST QST... The August meeting of the Stockton-Delta Amateur Radio Club will be held on Thursday, August 12th starting at 18:00 hours. The meeting will be held in person at the Stockton Sailing Club. NOTE: 18:00 hours start time to allow for PicNic in the park and Ice Cream Social.

We will be meeting on the water at the pavilion area. **There will be no Zoom Broadcast.**



*Shhhhhh!!! i'm
hunting wadjos!*

-Elmer Fudd

Members are encouraged to bring a picnic and socialize from 18:00 - 19:00 hours as Club Officers serve up delicious, scooped ice cream, Sundaes, and Banana Splits.

Following the social hour, Mike K6MDS will be giving a presentation on Radio Direction Finding or Transmitter Hunting. With the increase in sunspots and activity on HF Bands, RDF on HF is an opportunity to play with something new and different. VHF/UHF RDF is an important skill in locating local "jammers" or "stuck transmitters". Mike will open your eyes as to how HF signal propagate, how you can make your handheld radio much more directional even without a Yagi antenna. A "DIY Tape Measure Yagi" instructions are in this W6SF Newsletter.

After the presentation, we will "go hunting" around the Pavilion looking for our hidden transmitter "rabbit"

PRESIDENT'S CORNER

- Bob, N6TCE



August 2021

I am writing this as July starts to fade away. This has been a great month.

The United Veterans Council of San Joaquin County sends their thanks to the club members that supported the Fourth of July Parade with Radio Communications. We combined this event into an ARES Training/Club Activity. This single event cataloged a total of 82 hours of EmComm Training.

I want to invite you all to the August old fashioned Ice Cream Social and Transmitter Hunt on 12st at the Stockton Sailing Club. The Club's Officers will be serving ice cream. It will be a fun time. We will be meeting at the Pavilion along the water's edge of the deep-water channel. We will start the meeting at 6:00 PM. Members and Guests are encouraged to bring a Picnic dinner as it should be a nice evening by the water.

There is a full Ham Cram and Examination Session coming up on August 14th. Space is limited and it will fill up quickly. Sign up at <http://w6sf.org/hamcram.html> . Pass this info to your friends that want to become a ham operator or who wants to upgrade their license.

Coming soon is the 2021 Cal QSO Party. CQP will take place on the 1st weekend of October. This is a big event and last year the Club took 1st place as a Multi-Multi County Expedition operating as W6Q.

Stockton-Delta ARC has received an invitation to jointly put on a Multi-Multi County Expedition in a Special Category with a limited time operation. This will be limited to only 8 hours of operation. <https://www.cqp.org/Rules.html> under the header: Special Award Category; California County One-Day Expedition.

This is a great opportunity for us to put out a joint effort and join with our friends in Lodi.

This is something that was once suggested by Shirley Rose AA6K (SK) but never happened. I have applied for a 1x1 call, K6R for the CQP weekend and if that doesn't happen then the Lodi ARC has suggested we use the Shirl's 2x2 call of AD6KU.

The Venue is at Thompson's Ranch. There is grass, shade, shore power, running water, and real bathrooms. Anyone that wants to view the venue let me know and I can arrange a tour.

This will be discussed and decided upon at our next meeting.

This is a fun event for those which have never operated a contest. The goal is for California Stations to work all 50 states plus the Canadian Provinces. This creates a multiplier of 58 for California Stations. Non-California Stations' goal is to work each of the 58 Californian counties. San Joaquin County is usually in the middle tier of Rare Counties. The number of non-California that make the sweep (collecting all 58 counties) is highly variable. There is a lot of information on the www.cqp.org web page.

Fun Fact: In 2019 San Joaquin County (SJOA) was number 29th rarest county. In 2018 it was 3rd rarest.

My CQP experience has varied over the years. John NZ6Q and I have done several Multi-Multi County Expedition set ups and had lots of fun. Even a modest station set up to cover 40M – 6M can be fun. The current LARC/SDARC plan is to share the operation, splitting time between SSB and CW operations. CW operators and new Amateurs are invited to participate.

We are in planning phase for the reboot of Ham U. September 2021 is just around the corner. We are still waiting a “green light” from the Fire Department. It's likely the Fire Department will be better ready for Ham U in March 2022. If you have an idea for a presentation, start working on it because we have open slots just for you.

PacifiCon is back for 2021. The annual convention of Amateur Radio is at the San Ramon Marriott Oct 15-17. Rooms go quickly. Check it out at www.pacificon.org

Mark your Calendar for the Great California Shake-out on October 21nd at 10:21hours. There will be a special net called on the W6SF repeater.

73,

Bob, N6TCE





MONDAY NIGHT NET CONTROL OPERATOR'S SCHEDULE

The club holds a weekly net every Monday night beginning at 8:00PM on the **W6SF** Repeaters on 147.165Mhz VHF and 444.250Mhz UHF. Club Repeater information is listed at the end of the newsletter.

If you would like to learn how to be a Net Control Operator, contact one of the club Officers! We will happily mentor you during a Monday night net. This is a great opportunity to improve your operating skill in a "minimal" pressure environment. The

Schedule and Net Control Script are available on the club website at....

<http://www.w6sf.org/netcontrolscript.html>

Thank you for volunteering to be our Monday night net controllers for August and September. Your assigned dates are listed below. We are now showing assignments for both the 7pm Tech Net and the regular 8pm club net, to aid in coordinating the two.

Please contact KG7OR if you need to reschedule an assignment on the Tech Net. Contact Dave N6LHL for anything concerning the regular 8pm club net.

Additional volunteers are always welcome for both nets and will help to share the load. Contact me or KG7OR if you are willing or can convince someone else!

<u>Date</u>	<u>7pm Tech Net</u>	<u>8pm Club Net</u>
August 2	Mike K6AAN	Eric W6INP
August 9	Ron KG7OR	Dave N6LHL
August 16	Jim WB6BET	Ron KG7OR
August 23	Peter K6PH	Paul N6KZW
August 30	Paul N6KZW	Mike K6AAN
Sept 6	Eric K6ODS	Bob N6TCE
Sept 13	Ron KG7OR	Charlie WB6NVB
Sept 20	Mike K6AAN	Ron KG7OR
Sept 27	Paul N6KZW	Eric W6INP



Parachute Mobile
Mission 39
AUGUST 21, 2021

Updates made on the W6CX repeater,
147.060+100, Mount Diablo

2 meter QSOs on 146.430MHz
simplex

20 meter QSOs
14.250 MHz

EchoLink: W6BSD-L
AllStar: 40490

APRS
AF6IM & KC6TYD

Streaming video:
Website to be
announced later

We have no control of the plane or weather. The event is subject to delays or cancellation. Check our website or Facebook for updates.

www.parachutemobile.org

QST...QST...QST
Parachute Mobile Mission 39,
which will take place August
21, 2021.

Grab a QSO from a skydiver
and receive a one-of-a-kind
QSL card. At this point we will
not have our usual Parachute
Control, (Net Control), on the
hill moderating throughout the
day so we'll be making periodic
updates on the day of the
mission on the W6CX
repeater, 147.060 +100, Mount
Diablo. For those of you who
are not in line of sight of that
repeater we will be
updating our
website, parachutemobile.org,
and on our Facebook page
during mission day as well.

We do record the QSOs,
however sometimes we miss

weak stations and those covered from doubling. For this reason we request that if you make a QSO, email us at skydivinghams@gmail.com. State the jumper's name and the time of the contact.



**W6SF WEEKLY BREAKFAST
MEETING
CHUCK'S ON PACIFIC & SWAIN
THURSDAY'S AT 9:30 AM**

Members AND GUESTS gather weekly in the dining room of Chuck's on Pacific for breakfast. Everyone is welcome to attend, you don't need a license. Bring an interest to discuss all things Amateur Radio and a hearty appetite and you'll have a good time.

PACIFICON 2021

ARRL Pacific Division Ham Radio Convention
Produced by the Mount Diablo Amateur Radio Club



W6SF JULY MEETING REPORT THURSDAY JULY 8th 19:00 HOURS

The July 2021 meeting of the Stockton-Delta Amateur Radio Club was called to order at 1900 hours by President Bob N6TCE. The meeting was also live streamed via Zoom and

several members joined remotely.

Bob N6TCE and Paul N6KZW gave a report on the 4th of July Parade supporting the United Veterans Council with event communication. Overall a success, not as well attended as previous years by spectators, but certainly as good as 2019 for parade entrants – including our own Mark W6SXA in his military vehicle + radio antennas. Paul N6KZW rode the parade on his bicycle and was able to dispatch water and other supplies as needed to the various staging areas before the start of the parade. John NZ6Q, Eric W6INP, and Tom KM4LOL handled Net Control duties. Big Thank you to all the members who assisted Linda KJ6YVF, Annie N6ACL, Kyle K6KDD, Shane K5SML, Georgia WB6KBZ, Duztynn KM6HDY, Cecil W6CPR, and Gayle W6SWT.

Bob N6TCE discussed the August meeting and transmitter hunt. John NZ6Q stated that Mike K6MDS was on board to provide transmitter hunt training or RDF training. It was decided that the club would serve ice cream and members would be welcome to bring a picnic dinner to enjoy.

After the business meeting, John NZ6Q gave a presentation on Digital Modes and especially FT8. He discussed FT8 activity on 10M and 6M which any amateur radio op can participate in regardless of license class. 10M and above are open for digital modes for Technician Class hams.

The meeting was adjourned at 2040 hours.

The next scheduled meeting of the Stockton-Delta Amateur Radio Club is Thursday, August 12th which will be our Transmitter Hunt and Picnic.

73,

Annie N6ACL, Secretary



SAILING CLUB RUNABOUTS ON THE RIVER SATURDAY JULY 17TH



W6SF Members were invited to participate in the Stockton Sailing Club Wooden Boat Show and Regatta to benefit Hospice of San Joaquin.

The show ran from 9AM to 3PM and we started setting up at 7AM. John NZ6Q, ARRL Section Manager

brought his portable trade show display which we used as a backdrop to highlight HF operation as well as club pictures and information from the ARRL.

We put several "Go Boxes" on display, mobile and portable 2m, 440 AND DMR (Digital Mobile Radio) as well as 20M voice and FT8. Not bad for a 10x20 parking space and a little area behind it in the grass.

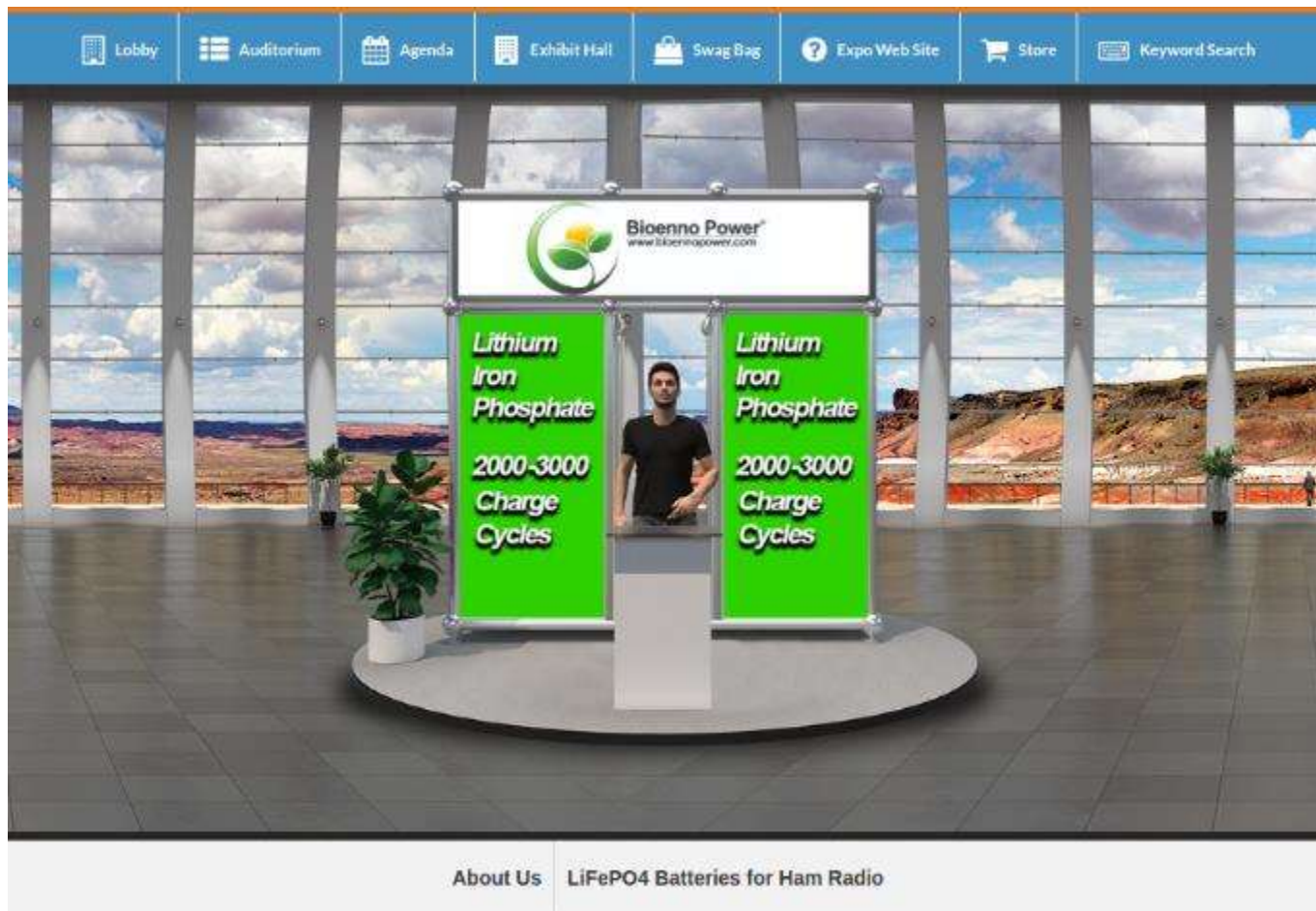
We answered bunches of questions, passed out flyers for the next HamCram, and had a lot of fun.

Thanks to Peter K6PH for setting it up; Paul N6KZW for providing the antennas and set-up; Mark W6SXA, Annie N6ACL and Shane K5SML for making the booth come together and look professional and more.





The third and next QSO Today Expo is already well into the planning process and **we promise an amazing, flawless event.** We're committed to providing a great learning experience for amateur radio operators that want to improve their knowledge and get exposure to new ideas, equipment, and practical techniques – all done in a highly engaging format on the vFairs platform that we used in August 2020.



To do this, we have the **best and most interesting ham radio speakers** and provide informative **virtual networking opportunities** with fellow amateur radio operators and leading equipment vendors using our platform embedded video chat.

There's **something for everybody** with new speakers, panel discussions, kit building workshops, proven technology for meet-ups and networking, sponsor and exhibitor prizes, and much more. There's **no need to travel - anybody can participate!** Whether you're a ham that doesn't want to travel or just live too far from a local, regional, state, or national convention, the QSO Today Virtual Ham Expo offers something for you. You save thousands of dollars since you don't have to worry about travel, food, and lodging.

Tickets are just \$12.50. Tickets includes entry for the Live 2 day period as well as the 30 day on-demand period. Access to the Exhibitor area is free. Register today at www.qsotodayhamexpo.com or click on the link at the top of the page.



**AUGUST HAM CRAM
STOCKTON FIRE STATION #2
110 W SONORA ST, STOCKTON
SATURDAY AUGUST 14, 2020
DOORS OPEN 7:45 AM**

The Fire Station is open and we are scheduled for our next HamCram on Saturday August 14th.

“Get Your License in a Saturday” is the perfect solution to getting your ham radio license in today’s busy world. No tedious preliminary home study. No long, boring once-a-week classes. You attend for just one day, 8:15 AM to 3:30 PM, and you’re done. Tell your unlicensed friends to sign-up early as seating will be limited due to social distancing guidelines. HamCram is a \$20 fee to cover the cost of the materials.

Testing-Only Also Available

The FCC exam session starts at 3 PM. There will be no walk-ins allowed. You must pre-register if you want to take the test. You do not need to attend the HamCram just to take an exam. If you’ve paid to attend the HamCram, the exam is included.

Sign up for the next HamCram clicking the link [here](#).

PICTURES FROM STOCKTON 4TH OF JULY EVENT





NAQP PHONE CONTEST SATURDAY AUGUST 21ST 1800 UTC TO SUNDAY AUGUST 22ND 0600 UTC (11:00 AM – 11:00 PM SATURDAY PDT)

The North American QSO Parties are favorites of beginners and seasoned operators alike. The NAQPs are low-power only (no amplifiers allowed) which makes for a lot more breathing room on the bands.

Small stations can generate very effective “runs” in the NAQP contests. Multipliers count once per-band, which makes for an exciting format, as multipliers can be “moved” from band to band.

The NAQPs allow stations from all parts of North America to be in the running for the top spots. The 12-hour format allows participants to do some great contesting, yet still have time for other activities during the weekend. Participants can enter in the single op or multi-op categories and also have the opportunity to combine up to five separate single op scores into a team score.

The rules are simple. You can check it out at www.njcweb.com/naqp-rules.pdf Don't know where to start? Ask on the Monday night Tech nets or ask a club Board Member.



SAN JOAQUIN COUNTY ARES (SJCARES) MEETINGS HELD ON TUESDAY NIGHTS STARTING AT 7:30 PM

SJCARES The San Joaquin County ARES group is meeting on the air on Tuesday nights at 19:30 hours on the WB6ASU repeater 147.090 (PL 114.8 + 600 offset)

The ARES group continues to grow and more members are welcome. San Joaquin County Emergency Coordinator Fred K6FVC has set up weekly ARES Nets along with a monthly

ARES meeting on Zoom on the 4th Thursday of the month. You can get the latest information and join through their website at www.sjcares.org

The ARES group is meeting in person on the 4th Tuesday of each month. Their first meeting was at Ripon Fire Station #1 on July 26th. San Joaquin County Alzheimer's Walk is going to use Amateur Radio in their 2021 Walk Against Alzheimer's on October 16th.

You do not have to be a W6SF member to join ARES and everyone with a valid Amateur Radio license is welcome.



The Tape Measure Antenna

Introduction: The Tape Measure Antenna

Are you looking for an easy kid friendly project?
Are you looking for a project to encourage a new generation of ham radio operators?

This project is unusual, so it's something that will certainly capture the attention of anyone, particularly a kid. It's an antenna built out of PVC pipe, a tape measure and a handful of hose clamps. Disclaimer: This project isn't new; it's not even my idea or design. I used the design from Joe Leggios (WB2HOL). The plans to his antenna are [here](#).

Materials List

3/4" Schedule 40 PVC Pipe - at least 25"
6 hose clamps big enough to fit around the PVC pipe
1 3/4" PVC tee
2 3/4" PVC crosses
8' RG-58 cable with a connector attached to one side. I soldered a female BNC to mine.
5" wire. I used 18 gauge solid copper wire, but I'm told anything works.
Rosin core solder
Tape measure with 1" wide tape
PVC glue

Tools Needed

Soldering iron
Tape measure
Pipe cutters
Wire stripper
Shears or scissors
Sand paper
SWR Meter
Screwdriver or wrench for tightening the hose clamps



Step 1: Cutting the Elements and Assembling the Boom



You'll need to cut two pieces of PVC pipe. One piece will be 17 1/2". The other 7". This, along with the PVC connectors, will form the frame of the antenna.

Assemble the pipe to form the frame ("boom") of the antenna. Gluing each piece together, the 17 1/2" piece connects between the tee and the first cross. The PVC tee is the front of the antenna. The 7" piece connects between the first and second tees.

Disassemble the tape measure by pulling the tape out of the case. If you pull the tape past its end, you'll find that it's connected to a spring. Simply twist the tape so it disconnects from the spring.

Cut the tape at 35 1/8". This will be the director of the antenna and will attach to the front of the antenna.

Cut two 17 3/4" long pieces of the tape. These will serve as the driven elements.

Cut an additional element from the tape. This will need to be 41 3/8". This is the reflector element.

Sand all the ends of the elements so they are smooth to the touch. These are extremely sharp if left un-sanded. Also sand off about 1/2" of paint on the ends of the bottom side of the driven elements. This will be where you will solder the wires later.

Note: If you are going to mount the antenna, set it up so the antenna will be forward of the mounts. Yagi antennas may suffer in performance if mounted elsewhere, like the center of the boom.

Step 2: Installing the Elements of the Antenna

Slip the hose clamps over the PVC tee at the front and slip the Director element under it. Tighten the hose clamps so it is secure.

Attach each of the driven elements to the frame of the antenna with the sanded sides facing each other. Before securing the elements, space the elements 1" apart and tighten the clamps.

Finally, attach the reflector element at the rear of the antenna and tighten the clamps.

Step 3: Soldering the Wires



Now you will tin the ends of the driven element. Simply heat the soldering iron and apply solder to the tape measure at the sanded spots. Make small pads where you can solder two wires to each side of each driven element.

Strip the end of the RG-58 cable and isolate the outer and inner wire. Solder one side of the RG-58 to a driven element and the other to the opposite driven element.

Strip the 5" piece of 18 gauge (or whatever wire you have) and solder a side to each of the driven elements.

I chose to add an optional piece of PVC and an elbow at the rear of the antenna to make it easier to hold and/or mount. I also chose not to glue the PVC together so the antenna can be broken down for storage.

Step 4: Adjusting the Antenna

Adjusting the antenna is very simple. Simply attach a SWR meter between the antenna and the radio. Adjust your radio to 146.580 mhz and check your SWR reading. If the reading is more than 1.2 to 1, turn off your radio and adjust the driven elements by loosening the hose clamps and moving the elements toward each other. Turn on your radio and check your SWR again. Repeat until your SWR is at an acceptable level. I was lucky and my antenna registered extremely close to 1 to 1 without adjustment.

When adjusting the driven elements make sure your radio is off.

Step 5: Technical Notes

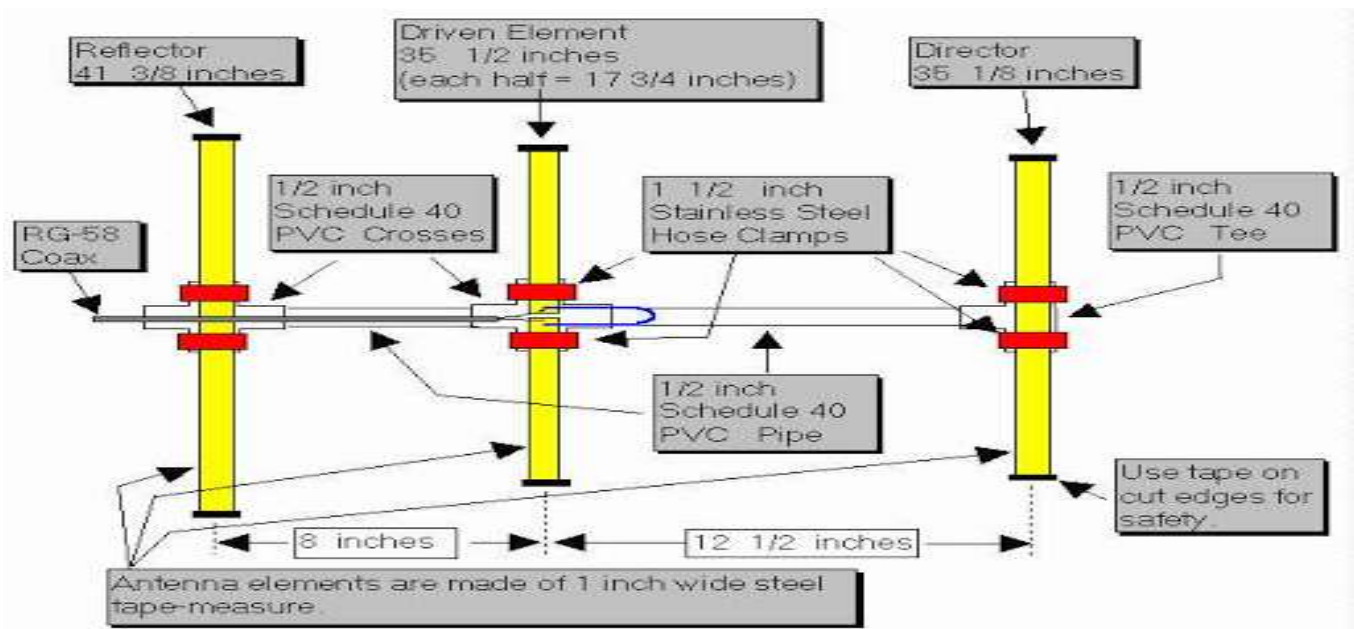
Software modeling programs show that this antenna should have a gain of 7.3 dBd.

Real world experience: Running a HT at 5 watts, my nephew and I were able to use a repeater 65.7 miles away, with reports of a clear signal. We were also able to access several other repeaters that are 40 to 50-miles away. Performance will vary based on your location.

While this antenna is designed for VHF two-meter operations, it can easily be redesigned for other frequencies like 1.25 meter, 70 cm or 33 cm. There are many websites that will calculate the length of and length between the elements on a Yagi-Uda antenna. You can try Martin Meserve's (K7MEM) online calculator [here](#).

The original plans for this antenna are available at Joe Leggios (WB2HOL) website. A link to the plans is [here](#).

Additional plans are available from KC0TKS' website [here](#), as well as from NT1K's website [here](#).



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HRO IS OPEN IN SACRAMENTO!

I KNOW WHAT YOU ARE ALL SAYING – IT’S ABOUT TIME!! HRO is now open in Sacramento.

HRO recently announced, “In our continuing effort to provide our customers exceptional sales and service, Ham Radio Outlet is expanding to better serve you. Announcing Ham Radio Outlet in Sacramento, California. Located close to downtown and with easy access from the freeway, HRO Sacramento will proudly serve Northern California and the surrounding area. Our new location will be 4813 Auburn Blvd Sacramento, California”. This is in the Oak Point Plaza shopping center a block or so south off

Madison and I80.

HRO History

In 1971, a California Highway Patrol officer and veteran of the Navy signal corps, who happened to be a ham, came into possession of a little radio emporium on a wooden train platform in Burlingame, CA. Bob Ferrero (Bob), who was then K6AHV and later became W6RJ, was a dedicated California Highway Patrolman. He loved ham radio and was determined to make a go of starting a business selling amateur radio products.

Today, HRO is a family owned business with multiple sales locations throughout the United States which include a formidable presence on the Internet, making it the largest Ham Radio dealership in the world.

The HRO Oakland Store will be closing in favor of the Sacramento location. Road Trip anyone?



W6SF SWAP MEET PAGE

ITEMS FOR SALE, FOR TRADE OR WANTED

TO LIST AN ITEM ON THE SWAP MEET PAGE PLEASE SEND AN EMAIL n6acl@arrl.net

PLEASE NOTIFY THE SECRETARY WHEN YOU SELL THE ITEM OR NO LONGER NEED THE LISTING

• *Yaesu FT-100D, all-mode small transceiver, 160m—70cm with microphone, power cord & manual. 100w on 160m—6m, 50 watts on 2m, 20 watts on 70cm. Separate antenna jacks for HF & VHF/UHF and data jack for AFSK, FSK, Packet or FT-8. Perfect micro mobile or go-box application radio. \$400 John NZ6Q, 209-331-3078 nz6q@arrl.net - SOLD! PENDING FUNDS...*



DENNIS W6UT IS SELLING HIS UNIQUE COLLECTION OF CW KEYS

• **2004-2006 Vibroplex Original 100th Anniversary Key – Serial # 100A-536**

I purchased this key direct from Vibroplex. The key is no longer available. I could not find out from Vibroplex the year of production. The first year Vibroplex was patented was 1904 although some keys were made before the patent was issued. This key is as new as it has never been used and always stored in a case which will be included. I am asking \$300.00 plus shipping. From the Collection of Dennis Sanford, W6UT – email: w6ut@att.net



• **1977 Vibroplex Lightning Bug Deluxe Serial No. 382556.** The key is in VG condition. It includes the Vibroplex Vari-Speed Adapter. This Vari-Speed is no longer manufactured. This model key was made from 1927 to 1979. \$175 plus \$22.00 shipping via priority mail and double boxed. Dennis W6UT – email: w6ut@arrl.net



• **1916 Vibroplex Original Serial No. 55439.** Dennis restored this key himself. The main frame and the damper frame have been replated. The key includes a sturdy protective case. \$275 plus \$22.00 shipping via Priority Mail and double boxed.



• **1940 or 1941.** Vibroplex Plate is not there. Arnold R. Noe is name on replacement plate and A.A.C.S. under name. Arnold was in US Army Aircorp from 1940 to 1945. AACS is ARMY AIRWAYS COMMUNICATION SYSTEM 1938. Arnold was born in 1917 and died in 2008. He lived and was raised in Columbus, OH. I have copy of his obituary from news paper that will go with key. The key is in excellent condition. \$250 with travel case plus \$22.00 shipping via priority mail and double boxed if shipped. w6ut@att.net



• **1937 Vibroplex Martin Junior Serial No. 109995.** It is called a Junior because it is slightly smaller than an Original. The key is in VG condition. The feet have been replaced with Vibroplex feet. The old feet will be included with the key. \$250 plus \$22.00 shipping via priority mail and double boxed. I will include an original case for \$25. Dennis W6UT w6ut@att.net



• **1943 Original Deluxe Serial No. 123982.** It is Battleship Gray as Chrome was needed for the war effort. It is in pristine condition. \$200 plus \$22.00 shipping via priority mail and double boxed. Dennis W6UT w6ut@att.net



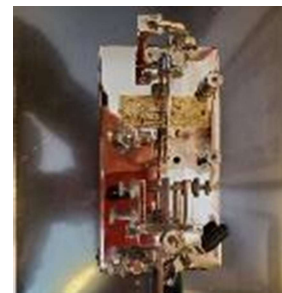
• **1956 Vibroplex Zephyr Serial No. 196386** . It is in very good condition. These were only manufactured from 1939 to 1958. \$180 plus \$22.00 shipping via priority mail and double boxed. Dennis W6UT w6ut@att.net



• **1944 Vibroplex Champion Serial No. 137365.** The Champion's were sold from 1939 to 1979. It uses a standard Vibroplex Original base. The key is in Very Good Condition. \$160 plus \$22.00 shipping via priority mail and double boxed. Dennis W6UT w6ut@att.net



• **Vibroplex #4 Blue Racer Standard Serial No. 157953.** The key is in VG condition. It has one small flaw as paint chipped off next to the frame on the right side as it was being cleaned for these pictures. A touch of black paint will take care of it. \$175 plus \$22.00 shipping via priority mail and double boxed. Dennis W6UT w6ut@att.net



Note: Dennis has 3 more Deluxe Blue Racers and a 1916 that he restored and comes with a Racer case.

• **1917 Original.** Serial No. 58878. It is Nickel Plated. It is in great condition. It includes the pictured case. \$300 plus \$22.00 shipping via priority mail and double boxed. Dennis W6UT w6ut@att.net



If you are interested in purchasing any of these keys please contact Dennis W6UT via email at w6ut@att.net

• **Kenwood TS-2000, all-mode transceiver, 160m – 70cm**, with microphone, power cord, & manual. Dual receive, 100 watts on 160 meters thru 2 meters, 50 watts on 70cm., built-in antenna tuner. \$700 or make an offer. Click here for ARRL review. John, K6YK, 209-462-7391 K6YK@arrl.net



• **Kenwood TS-430S HF transceiver**, 160-10m, 100 watts. Great HF starter rig. Professionally serviced in 2017. \$350. Jim, WB6BET, 209-625-5771, WB6BET@arrl.net



• **GAP Titan DX Antenna**, 80 – 6m Vertical Dipole – no radials required, ground mount or roof mount. 24 feet tall, uses a clamp + Kevlar rope about 2/3s up for added stability. Great performance especially on 40M for DX – Estate Sale from N6GTO \$200 or B/O antenna will be disassembled and delivered within reasonable distance from Stockton John NZ6Q 209-331-3078 nz6q@arrl.net *** **SOLD PENDING FUNDS**



• **RigExpert AA-170 Antenna Analyzer** - a powerful antenna analyzer designed for testing, checking, tuning or repairing antennas and antenna feedlines up to 170MHz (0 – 170Mhz). Mainly, this is an SWR (Standing Wave Ratio) and impedance measurement instrument (vector impedance analyzer). Estate Sale from N6GTO this is brand new in the box \$250 pick up in Stockton (\$25 additional for shipping/insured) John NZ6Q 209-331-3078 nz6q@arrl.net



• **65 FT Self-Supporting Tri-Ex Crank-up Tower** – These towers are several thousand dollars new and reasonably priced at \$600 each which can included limited delivery area around Stockton, CA Hand Crank included on each and are in solid shape. Estate Sale from N6GTO – John NZ6Q 209-331-3078, nz6q@arrl.net



• **Shure Model 444 Desk Microphone** – Classic Microphone sounds and looks great next to any rig, but Kenwood, Heathkit and Yaesu tube rigs seem to give it the most prestige. Wired for 4-prong plug typical for classic tube transceivers Hi-Lo impedance switch on bottom . Asking \$60 or BO John NZ6Q 209-331-3078 nz6q@arrl.net



• **Kenwood TS-570D HF Transceiver 160m – 10m** – with microphone, power cord, & manuals. Outstanding receiver, 100 watts on 160 meters thru 10 meters, built-in antenna tuner and excellent noise reduction circuits. Great Kenwood audio for both transmit and receive. In original boxes. Great starter radio – easy to operate. Asking \$400. Click [here](#) for EHAM.NET reviews. John NZ6Q 209-331-3078 nz6q@arrl.net



• **Yaesu FT-990 HF Transceiver 160m – 10m** – with microphone, built in AC power supply, & manual. Outstanding receiver, 100+ watts on 160 meters thru 10 meters, excellent built-in antenna tuner with roller inductors and almost 10:1 range. Has a couple of minor cosmetic flaws. Great starter radio – easy to operate and no other equipment needed. Asking \$400. Click [here](#) for EHAM.NET reviews. John NZ6Q 209-331-3078 nz6q@arrl.net



2021 CLUB MEETING DATES & PROPOSED TRAININGS

January 14	Annual General Meeting, W1AW Tour
February 11.....	Meeting – How to get the most out of your ARRL Website – Steve Ewald, WV1X
March 11.....	Meeting – ARES Go Boxes – James Lea, KX4TV
April 8	Meeting – Tall Towers – Bob Hess W1RH
May 13.....	Meeting – Get on your SOTA – Steve, WG0AT from Colorado
June 10	Meeting - Field Day Final Prep
July 8	Meeting – Getting the Most from FT8
August 12.....	Meeting – RDF – Fox Hunting Club BBQ
September 9.....	Meeting – Contesting & Logging / CQP 2021
September 25	Club Breakfast – 9:00 – Location & Program TBA
October 14.....	Meeting - Nominations for Officers 2022 – DMR - Vince KM6IRY
November 11	Meeting – Elections – Program TBD
December 9	Christmas Dinner / Year End Celebration
December 31.....	Cosmic Bowling & Straight Key Night

HamCrams for 2021 – 7:45 AM - Stockton Fire Station #2

February 6th April 10th August 14th October 9th December 11th

Ham-U Training Day – 8:00 AM Fire Station #2

September 18th

Club Events 2021

March 21 st – Ride/Walk 4 Art	Valley Springs –
April 19 th – Rookie Round-up	On the Air Event
April 24 th – STEAMFEST 2021	VIRTUAL Presentations
April 24 th – Stockton Sailing Club Event	Stockton Sailing Club – TBD
April – May – Weed-Whacking on the hill	Fiddletown Repeater Site - TBD
May 2 ND – Delta Century Ride	Jessie’s Grove Winery – CANCELLED FOR 2021
Jun 4 TH – 6 TH – Museum Ships Weekend	USS Lucid, Stockton, CA
June 19 TH – Kids Day	Stockton Libraries – CANCELLED FOR 2021
June 26 TH – 27 TH – ARRL Field Day	Club Field day Site, Stockton, CA
July 3 RD – 4 th of July Parade	Downtown Stockton – COMPLETED!
September 25 – Club Breakfast Meeting	Location TBD –
October 2 ND – 3 RD – California QSO Party	Club Field Day Site, Stockton, CA
October 15 – 17 – Pacificon 2021	San Ramon Marriott
October 16 th – Alzheimer’s Walk for a Cure	Pacific Ave Miracle Mile, Stockton – VOLUNTEERS NEEDED
November 7 – Giro D’ Vino Ride	Woodbridge Winery, Acampo, CA
November 13 – 14 ARRL Sweepstakes Phone	Club Field Day Site, Stockton, CA
November 25 – Run Against Hunger	Waterfront – Downtown
December 10 – 12 – ARRL 10M Contest	Club Field Day Site, Stockton, CA



AMATEUR RADIO

A HAM'S CALENDAR

August 12th, 2021 – SDARC August Meeting - 1800 hours – Annual Transmitter Hunt, Bar-B-Que and Supper, Stockton Sailing Club Pavillion, 4980 Buckley Cove Way, Stockton, CA... All members are encouraged to attend – Ice Cream served at 6:30PM Transmitter Hunt training starts at 7:00 PM

August 14th 2021 – HamCram + Test Session, Stockton Fire Station #2 Doors open at 7:45 AM - Test session starts at 3:00 PM after the HamCram is completed. Pre-registration required
www.w6sf.org/hamcram.html

August 21st, 2021 – North America QSO Party SSB - 1800Z on 8/21 to 0559Z on 8/22 (11:00 AM – 11:00 PM PDT) – Work as many North American stations as possible – 100 W or less
<http://www.ncjweb.com/NAQP-Rules.pdf>

September 9th, 2021 – SDARC September Meeting - 1800 hours – Contest and Logging Software / CQP Planning, Stockton Sailing Club Classroom, 4980 Buckley Cove Way, Stockton, CA... All members are encouraged to attend – Meeting starts at 7:00 PM

September 25th – 26th, 2021 – CQ WW RTTY Contest - 0000Z on 9/25 to 2359Z on 9/26 – worldwide RTTY contest by CQ Magazine www.cqwwrtty.com

October 2nd – 3rd, 2021 – CAL QSO PARTY Contest - 1600Z 10/2 to 2200Z on 10/3. www.cqp.org

October 15th – 17th, 2021 – PACIFICON 2021 - San Ramon Marriott, Antenna Classes, Swap Meet, ARRL Dinner, Breakfast and more www.pacificon.org

October 23rd, 2021 – HamCram + Test Session, Stockton Fire Station #2 Doors open at 7:45 AM - Test session starts at 3:00 PM after the HamCram is completed. Pre-registration required
www.w6sf.org/hamcram.html

JULY – AUGUST STATE QSO PARTIES

Missouri	07/31/2021	08/01/2021	Boeing Employees' Amateur Radio Society – St. Louis
Maryland-DC	08/14/2021	08/15/2021	Anne Arundel Radio Club
Hawaii	08/28/2021	08/29/2021	Hawaii QSO Party
Kansas	08/28/2021	08/29/2021	Kansas QSO Party
Ohio	08/28/2021	08/29/2021	Ohio QSO Party

Do you have any suggestions, comments or concerns? We want to hear from you.
Do you have an idea that we, as a club can all benefit from? Let us hear about it.
To submit articles for the monthly newsletter, email N6ACL annettel@westwayfeed.com

W6SF CLUB INFORMATION

MEETINGS: Regular meetings are held on the second Thursday of each month **at the Stockton Sailing Club, 4980 Brookside Cove, Stockton, CA – off March Lane west of Interstate 5**. Members, guests, and people having an interest in Amateur Radio are invited to attend. The next meeting is scheduled for **Thursday, August 12th starting with a picnic at 1800 hours. This meeting will be in person at the Stockton Sailing Club Pavilion and NOT held on-line using Zoom.** Members and guests are welcome – info in this newsletter.

WEEKLY NETS: Held each Monday evening at 1900hrs is the **W6SF New Ham/Tech Net** hosted by Paul **N6KZW and Others**. Then at 2000hrs the regular club net starts. **147.165+ PL 107.2 Hz and 442.250 + PL 107.2 are the regular repeaters for these Nets.** Members and visitors are invited to check in. There is also an unofficial get together on Thursday evenings (except meeting night) at 8:00pm **on 28.457MHz.**

San Joaquin ARES Net: Tuesday evenings 1930hrs on **147.090+ PL 114.8 Hz**

CLUB REPEATERS: Located in the Sierra at 2500 feet, the club repeater covers the southern Sacramento and Northern San Joaquin Valleys. The call sign is W6SF, and can be heard on **147.165+Mhz** with a PL tone of 107.2 Hz. From the same site, the club also operates a 440MHZ repeater at **442.250 +** with a PL of 107.2 Hz.

The club also operates a UHF repeater located in downtown Stockton **444.575MHz +** with a PL 107.2Hz. Coverage includes the Stockton area as well as parts of Lodi, Manteca, Tracy and Ripon.

CLUB SIMPLEX FX: 147.51 MHz.

CLUB WEBSITE: <http://www.w6sf.org>

2020 CLUB OFFICERS & LEADERSHIP:

President:	N6TCE , Bob Officer	n6tce@arrl.net
Vice President:	W6SXA , Mark Cloud	w6sxa@arrl.net
Treasurer:	K6PH , Peter Hine	selkied@earthlink.net
Secretary:	N6ACL , Annie Lewis-Dopkus	annettel@westwayfeed.com
Member At Large:	NZ6Q , John Litz	john@litz.com
Call Sign Trustee:	WB6NVB , Charlie Johnson	wb6nvb@arrl.net
Repeater Trustee:	NC6R , Steve Allred	nc6r@arrl.net
Membership Chairman	N6ACL , Annie Lewis-Dopkus	annettel@westwayfeed.com
Event Chairman	OPEN	
Field Day Coordinator	OPEN	
Newsletter Editor	NZ6Q , John Litz	nz6q@arrl.net

CLUB DUES:

\$20 SINGLE and \$30 FAMILY

Stockton-Delta Amateur Radio Club, P.O. BOX 690271, STOCKTON, CA 95269-0271

We thank you for your continued support!