

Stockton-Delta Amateur Radio Club



AN ARRL AFFILIATED CLUB

WWW.W6SF.ORG

February 2017

Welcome to the Stockton-Delta Amateur Radio Club Newsletter

Say Hello to Our Newest Members!

Duztyynn Eisenga KM6HDY

Jesus Savala KM6HEB

Bill Rouleau AE7UI



Happy Valentine's Day!

As I hurtled through space, one thought kept crossing my mind - every part of this rocket was supplied by the lowest bidder ~ John Glenn...



PRESIDENT'S MESSAGE – NZ6Q

Hello everyone! 2017 is off to a fast start. It seems like only yesterday I was putting this message into the January Newsletter and here we are already into February. I hope to get a chance to share with everyone a little bit of my ham radio travels in Japan and China at an upcoming club meeting. We have lots of good demos and

trainings planned for this year so a travel piece might not have room.

The picture this month is from Japan. I'm pictured with Hendro Plered, a ham from Indonesia who runs a radio show called 'Radio Swarsi'. We met at the Fushimi Inari Shrine in Kyoto, Japan. I was there sightseeing with my daughter and her family and, as it turns out, Hendro, his family and production crew were there creating content for an Indonesian pop star's music video. Sadly, our picture didn't make the video, but it's still amazing to me that complete strangers, from opposite sides of the planet can be instant friends because of this "old man's hobby" we call Amateur Radio. Do these two guys look old to you?

I encourage you to get on the air someplace different this month and make a new ham radio friend. Try calling on the WinSystem on 440Mhz (<http://www.winsystem.org>) and connect with hams all over California. Travelling for work? Take your HT with you and look up the local repeaters in the area you will be – I did that once about 6 years ago in Philadelphia and ended up enjoying a Phillies baseball game with 4 new ham friends. Put your call out there and check into the noon time net on 40-Meters (7.268.50MHz) or just try a repeater you don't normally listen to and start a conversation with whomever answers. Not sure about getting on the air? Try joining one of our local "sister" club meetings. The Lodi Amateur Radio Club and Manteca Amateur Radio Club both meet on the first Thursday of the month. Why not go to one of their meetings and invite a few of your new friends to come to one of our meetings.

This month we have our first big event of the year, the Pedaling Paths to Independence Bike Ride on the 25th in Linden. Assignments and information should be coming soon from our Events Chairperson Ed N6XMA, so watch your email and the website www.w6sf.org . Let's get started!

73

John, NZ6Q



STOCKTON-DELTA AMATEUR RADIO CLUB ANNUAL MEMBERSHIP DUES

It's that time of the year when all members of the club look forward to dipping into what is left of the Christmas fund and write that check to the radio club. Again, as in the past, the club has bills to pay – site and shack rental up near Fiddletown, insurance, PO Box, Website costs (when's the last time you checked into www.w6sf.com ?), NARCC dues and church donation – to name some of the larger ones.

At our January 12th membership meeting, we voted to continue the present level of dues for this year. \$20 for a single membership, and \$30 for a family membership, when the family lives under the same roof. We have a PayPal account, and you may go to the club website, click on the PayPal icon, and pay at that point with your credit or debit card. You can also send a check for dues to:

Stockton-Delta A.R.C.
P.O. Box 690271
Stockton, CA 95269-0271

ARRL MEMBERSHIP

The ARRL is our lobbying group and my membership is what keeps them active. Since 1914 and Hiram Percy Maxim, the American Radio Relay League has been serving radio enthusiasts in the United States and around the world. This is the greatest hobby on earth where we can dig deep into transistors or tubes, wires or resistors, but in the end the goal is communications with other humans whether across town or around the world.



Be sure to let our secretary, Eric W6INP know about your ARRL membership. As an ARRL affiliated club, we are required to report annually on the number of club members who are also ARRL members.

Paul, N6KZW

(Editor's note: ARRL Membership is just \$49.00 per year with discounts for 2 and 3 year terms. Life Membership is \$1225.00 and can be paid in installments over a 2 year period. www.arrl.org)

JANUARY ANNUAL GENERAL MEETING REPORT JANUARY 12TH 7:30 PM

The Annual General Meeting was called to order at 7:45PM by President John NZ6Q the late start the result of a problem at the restaurant where several members had gathered prior to the meeting. Thank you to Charlie WB6NVB and Paul KC6RRR who lead the meeting with introductions as there were several new and returning members.



The treasurer's report was first order of business. The membership approved the Board's recommendation to set the dues schedule for 2017 at \$20.00 for Individual Membership and \$30.00 for Family Membership. The Board also announced the appointment of new member Bob Officer **N6TCE** as the Member at Large, stating that they hoped Bob's outreach to other area clubs would foster greater cooperation and closer partnerships with our neighboring clubs in Lodi, Manteca, Tracy and Modesto. The Board appointed Ed **N6XMA** as Event Chairman and placed him in charge of coordinating with Joni Bauer and the Community Center for the Blind on the 2107 Pedaling Paths to Independence Bike Ride on February 25th. A call was made to the General Membership for a Membership Chairperson to help promote new and increased membership and activity in the club. Annie **N6ACL** raised her hand and volunteered.

There was a discussion about continuing club raffles at the meetings or changing them. It was decided that club would offer a 50/50 raffle and some meetings as an alternate to the tradition raffle prizes. Paul **N6KZW** agreed to take on the position of Raffle Chairperson and coordinate

the monthly raffles as well as receive prize donations from members who wish to donate smaller 'radio related' prizes for the club raffles at the end of each meeting.

On new business, it was discussed putting together mini-competitions between club members on some of the ARRL contests and offering prizes to club members in competition with each other as well as entering the contest. John **NZ6Q** offered to open his station to members who would like to join in the [North American QSO Party or NAQP SSB](#) on Saturday January 21st starting at 10:00 AM. Bob **N6TCE** will be on from Quartz-site, AZ, Dan **KB6UNC** will be on from Utah and Robert **N6GTO** will be operating from Valley Springs.

Ed **N6XMA** gave a presentation on building your own 'go-kit' for club events or emergency deployments. He demonstrated the bigger of his two go kits he has built which incorporates VHF/UHF dual band radio, APRS station and self-contained 12-Ah battery. He did a great job. The meeting adjourned at 8:40 PM and several members came forward to pay their dues. Dues are now payable for 2017 and can be paid on the club website through paypal by clicking [here](#).



If you are need of transportation to and from the meeting, please contact Paul, **N6KZW** or John, **NZ6Q** and we will arrange transportation assistance for you.



Pedaling Paths to Independence Bike Ride Saturday, February 25th 0630 – 1500

The Community Center for the Blind and Visually Impaired will be sponsoring its annual Pedaling Paths to Independence Century Bicycle Ride in Linden on Saturday February 25th. The ride is an annual fund raiser to support activities for its San Joaquin County clients. Last year's ride saw nearly 400 participants and raised over \$40,000 for the Community Center. This year the turn-out is expected to be larger.

For the last 8 years, the Stockton-Delta ARC has provided radio communications between rest stops, the start/finish line and sag wagons. This year we will need operators at Rest Stops in Linden, Farmington, and Milton. We anticipate supporting as many as 5 SAG (Service and Gear) wagons with communications and vehicle location utilizing APRS. Last year we had a lot of volunteers, and this year will be one of our biggest operating events.

This year we will again be advertising to the riders in concert with the Stockton Bicycle Club our “Central Dispatch” phone number. Each rider will be given this number to call directly to the Net Control Station in the event of an emergency or break down. Using APRS in each of the SAG Wagons, Net Control will be able to track the locations of SAGs and ‘dispatch’ the closest SAG Wagon to the reported break-down or other incident.

Participants can look forward to DeVinci's Deli providing us with a delicious pasta and salad lunch at their Linden restaurant.

We are looking to fill the following positions:

Net Control Operators: 3

SAG Wagon Operators: 5 (a portable APRS radio will be needed in each unit)

Rest Stop Operators: 6

If you would like to volunteer, there may be a few posts yet to cover. You should contact the Event Chairman, Ed N6XMA at n6xma@comcast.net .

Bike rides like this one for the Community Center give us an opportunity to demonstrate the capability of ham radio to others, and teach us how to handle radio traffic of varying priority while in the field.



WELCOME TO HAM RADIO NOW WHAT?

One of the biggest challenges after you get your license is working up the “nerve” to get on the air. For some, it comes naturally and for others, they need to work at it. While listening to conversations and nets on various repeaters is a good way to get the “how to” of Amateur Radio ‘speak’, too often bad habits already exist with ‘seasoned’ operators that then get picked up by the newbie ham and just continue. This series of articles is an effort to give all of us on the air a check-up on what good operating procedures sound like and some of the “not-so-good” ones to avoid... So read on and lets all be ham ‘Superheroes’

“Emergency Traffic”

On so many nets on so many repeaters, AND EVEN ON HF, when they start up the net; they usually say "is there any emergency traffic?"..... sort of like asking, "Is there anybody out there that has quit breathing, or someone next to you having a heart attack, or someone in front of you in traffic that has had a wreck and is entrapped in the vehicle? Before we tie up the repeater for an hour..."

IF SOMEONE HAD EMERGENCY TRAFFIC , THEY SHOULD NOT SIT AND HOLD IT FOR A NET TO START SOMEWHERE !!! EMERGENCY TRAFFIC SHOULD BE PASSED IMMEDIATELY..... it's an EMERGENCY!!!!!!

So what's the best practice? Simply state in the net preamble that “ ANYONE that has Emergency Traffic should use proper procedure and break into the net at any time” Let's get away from asking for Emergency Traffic. Our own net preamble has been updated to reflect this.

Seventy Threes, Seventy Thirds, Eighty Eights, Hi Hi....

BELIEVE IT OR NOT, THESE TERMS DO NOT EXIST on voice. A little history here; CW operators in the early, early days of telegraph and radio came up with the number code of 73 for "best regards" because of the fame of the 73 Winchester rifle. The 73 Winchester was the best rifle of the time and the Code operators just took it as "seven - three " SEPERATE NUMBERS which is 7 and a 3 in CW

---... ..—

Anyone experienced in CW who listens on FM repeaters are likely to tell the operators on there saying "seventy three's"; that they may as well be using French to sign with... Instead how about passing along "best regards" like you would any other conversation, by saying "take care", "all the best" "thanks for the contact" "good DX" "talk to you later".... which leads me to the next one that really gripes repeater owners and control operators who have experience on HF.....

Q- signals.....

Q signals were developed for ease of operation on CW and to a limited extent SSB traffic nets. In FM Voice where everyone should hear you clearly 90% of the time, Q-Signals tend to confuse the newly licensed ham more than help. If you ever do CW , you will find that sending QTH for " my location " is much shorter. But in voice, especially on FM using Q signals would make me ask," WHY DO YOU HAVE TO USE "Q" SIGNALS ??? Because it sounds "cool" ?



Why would you say, "What is your QTH? You have a lot of QRN, QUA Jim lately? QSL?"

All the tech licensees are sitting there saying " what the heck is he talking about?"

Or why would you say " Hi , Hi " on voice (CW = H I H I for humor intended) ???

Oh , by the way, "coded transmissions ARE NOT ALLOWED ON VOICE per Part 97"... hmmm!

Here is "QTH" in CW compared to "my location";

-. - - compared to -- -- .-. --- -. - .- .- .- .-

Here is 7 3 compared to "best regards";

---... --- compared to - .- .- .- - .- .- .- .- .-

That should explain it! Even if you don't know CW, you can see the difference in how many dots and dashes are used in each term.

Many control operators don't say anything at all about users because there are not that many users anymore and they are afraid they will ' run someone off '. Maybe just the opposite is true, that maybe the reason repeater usage is down is because of the LID's (another CW term meaning 'poor operator') using CW lingo on voice ?



It is better to have a few "good operators" than 70 bad ones like on some repeaters.

There are courteous ways to mention these things "on the air". First, for us 'old timers' or 'Elmers' we need to check ourselves at the microphone BEFORE we start training the new folks on the air... Here is a suggestion, "Hey, you don't have to say all that Q signal stuff because you are on FM phone, just use it just like you're on a telephone, and remember kids are listening....."



Incorporate the term "PLAIN ENGLISH" in net preamble and on the air dialogues. Part 97 states that all you are required to do is be courteous and say your call sign every ten minutes as the repeater ID's, and use it again when you sign off.... 73's or 73rd's is NOT required. Simply say your call and "bye", "see ya later, etc...." Again, plain English.

On my recent trip to Japan, I asked why there were so few 2-Meter repeaters in Japan. The answer surprised me. Turns out that the Japanese "citizen's band" was originally adjacent to the two meter ham band (sound familiar), and that over time CB operators invaded the 2-Meter band, some licensed, some not, but that poor operating procedures led many Japanese Ham Radio clubs and repeater operators to move their operations to 440Mhz and 1200Mhz (of which there are hundreds of JA repeaters) rather than deal with the 2-Meter invaders.



"You're 5-9+ through the repeater here"

Another one heard on lots repeaters. Both stations through the repeater are hearing the repeater, not each other directly, so the signal strength reading has no bearing on the individual station. A better practice would be to make an assessment on the signal quality through the repeater. Such terms as "full quieting" or "there is some white noise", (static), is heard on their signal are acceptable and tell a better story than "59". Another good report is that the station is "picket fencing", (clipping in and out) on the repeater. This occurs typically when the station is at the edge of the repeater's coverage area and is most often solved by an increase in power on the part of the transmitting station. , but without being at the repeater receiver with an S-meter hooked to the repeater receiver you cannot tell what signal strength the repeater is receiving.

[Listening.... Monitoring.... or calling " CQ" CQ -.-. -.-](#)

Again, when using CW, "CQ" is a lot shorter than "calling any station".

The term has been universally adopted on HF SSB also. But on FM

Voice, on a repeater, you should simply state your call-sign or ask "Is anyone monitoring (followed by your call sign)" to start a conversation with any station. When making a call, be sure to listen for a few minutes, which is a good rule to use on any frequency or *band!*

On FM repeaters though... listen, listen, listen... then just "drop in your callsign" or ask "is anyone monitoring? This is NZ6Q" Chances are no one will come back. But don't give up, try again after a few minutes and you'll get a "QSL'er" to pick up the microphone and say hello. Also, if you're looking for specific information on a repeater, ask for it. "Is anyone monitoring that can tell me the coverage of this repeater in Sacramento? These will get you answers quickly and you can always start a conversation from there.

Last but not least

ZED is NOT listed as a phonetic for the letter "Z". ZULU is the correct phonetic. "Zed" is a good differentiator for "Z" instead of "C" or "T" or "3" when announcing your callsign. Phonetics may not matter much to some on FM, and are unnecessary on most repeaters. But in an emergency on simplex or any HF voice mode, Phonetics are important. Phonetics were created so that all stations would have a standard to go by when passing traffic in bad conditions. A future article in this series will talk about phonetics.

This short article should not be the basis for sudden increase of 'enforcement' on our repeaters – remember the courtesy part? Also, common sense should prevail whenever you have your microphone in hand. All Elmers should check yourself at the microphone before pushing the button... QSL?

Recently, on another 2-Meter repeater a new ham was introducing his son on the air for "Kids Day". The young man (age 11) had already worked a few stations and had some very good contacts when a station came on, called him and asked rather sternly "Do you have a licensed control operator with you?" I can't repeat too much the value of listening – in this case, the young prospective ham had just few minutes previously said "I'm studying to get my Technician license like my dad" and each of the previous conversations had started with the dad stating "CQ Kids Day" and giving his call sign. My point is that listening, courtesy and common sense would have come together in a few minutes and this operator would have known that the rules were being followed

Better Elmering on the Air

Instead of us old timers getting on the air and acting as "airwaves cops", why not try more courtesy and encouragement on the air? For the new ham, try saying something like: "Good to hear you, just get on here and enjoy the repeater. Don't worry about making mistakes, we've all been there. Just talk with people like you would on a telephone, use plain English, ID with the repeater ID timer, and sign off by saying your callsign. You'll learn a lot from the people on here and I hope everyone will make you feel welcome". This sums up how to talk on a repeater in one sentence. It only takes one time to tell a new ham this one paragraph that will make them sound and feel much better on any and all repeaters. It also only takes one time to get a new ham to put their radio in the drawer and forget all about it. You can read this article and lots of others on how to be a better operator at www.hamuniverse.com .



MONDAY NIGHT NET CONTROL OPERATOR'S SCHEDULE FOR FEBRUARY 2017

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 Net Control Script is available on the club website at....

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

If you have a conflict, please contact Dave **N6LHL** as soon as possible in order to secure a replacement.

January 30	Scott K6SCT
February 6	John NZ6Q
February 13	Charlie WB6NVB
February 20	Eric W6INP
February 27	Dave N6LHL



Check in to the Thursday night net!

Thursday night nets are on 10-Meters at 28.457 MHz USB vertical polarization on antennas if possible. The club meets every Thursday night, except club meeting night at 7:30 PM – this is an informal net, experimenting with ground wave propagation and enjoying a brief chat between club members. Test that new HF Radio, try out your mobile radio on 10-Meters, hook up a different antenna or something different.



**FEBRUARY HAM CRAM
STOCKTON-DELTA AMATEUR RADIO CLUB
STOCKTON FIRE STATION #2
110 W SONORA ST, STOCKTON
SATURDAY FEBRUARY 18TH 2016
DOORS OPEN 8:30 AM**

“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, 8:30 AM to 4:00 PM, and you’re done. Thousands of men and women, aged 16 to 90, have succeeded in getting their Amateur Radio license this way. HamCram is not a class. It is guided study — six 50-minute reading sessions with 10-minute breaks and a 60-minute break for lunch. The FCC exam is given at the end of the day.

Testing-Only Also Available

The FCC exam session at 3 PM is open to the public. We administer all levels of amateur radio exams: Technician, General, and Extra class. One need not attend the HamCram just to take an exam. If you’ve paid to attend the HamCram, the exam fee is included.

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

THERE WILL BE NO ELMER UNIVERSITY IN FEBRUARY

Community Center for the Blind
& Visually Impaired



SIGN UP FOR THE PPTI BIKE RIDE FEBRUARY 25th



The 68th Annual International DX Convention sponsored by the **Northern California DX Club** will be held again at the beautiful [Visalia Conference Center in downtown Visalia, California from April 21-23, 2017.](#)

If you're a DXer or interested in any aspect of Ham radio, then IDXC is the place to be. Top DX operators from around the world will be there. You'll match those familiar call signs with new faces, and shake hands with the person you have worked but never met.

Convention Overview

- Onsite Registration begins on Thursday afternoon, April 20, 2017 at 3:00 PM local time
- Convention is now a full 2.5 Days: Friday (April 21); Saturday (April 22); 1/2 day Sunday (April 23)
- Full day of training on Friday, April 21: Contest Academy -- Basic & Advanced Sessions
- Full Seminar Track on Friday, April 21; Two Seminar Tracks on Saturday, April 22
- Contest Forum, DX Forum, YL Forum, QSL Card Checking
- 15-20 DX & Technical Seminars
- Large Exhibit Hall - where you can comfortably talk to the people who design and sell ham radio equipment
- Great Raffle Prizes - the likes of which rival even the famed Dayton Hamvention
- Friday Evening Dinner Options: Top Band, IOTA, and Contesting

Over the next several weeks we'll be inviting speakers, finalizing the program, setting up the Exhibit Hall, and generally preparing for a memorable convention for all attendees.

If you have any questions or comments, here's a link to their website <http://www.dxconvention.com/>

This a great opportunity to meet other hams. Here are a couple of pics from my trip to the Asian-Pacific DX Convention in Osaka in November.





A HAM'S CALENDAR

February 4th – 5th, 2017 0000Z – 2359Z – Vermont QSO Party & Minnesota QSO Party - State QSO Parties are great fun and there are lots of State and County awards you can win. Start with Montana on the 28th or Vermont or Minnesota on the 4th and 5th. Easy exchanges, good way to quickly WAS or County Hunter Awards.

February 9th, 2017 – W6SF CLUB MEETING – Bear Creek Community Church, 11171 N Lower Sacramento Rd, North of 8 Mile Rd – 19:30 Hours Regular Meeting, Training Program & Raffle. Bob K6DGQ will be presenting his power supply project. All Members are encouraged to attend and bring a guest.

February 13th thru 17th, 2017 – ARRL School Club Round-up - To exchange QSO information with club stations that are part of an elementary, middle, high school or college. Non-school clubs and individuals are encouraged to participate. <http://www.arrl.org/school-club-roundup>

February 18th, 2017 – HamCram & Test Session – Fire Station #2 110 W Sonora St, Stockton. Doors open at 8:00AM – Pre-Register at <http://www.w6sf.org/hamcram.html> T

February 17th – 19th, 2017 – ARRL International DX Contest CW (starts 0000UTC on Saturday Feb 18th which is 4:00PM Friday PST) – More Info: <http://www.arrl.org/arrl-dx>

February 25th, 2017 – Pedaling Paths to Independence Bike Ride – Plan now to help with this great event. Operate and assist with Net Control and man the rest / water stops throughout the course. More information at <http://www.communitycenterfortheblind.org/pedaling-paths/>

February 25th – 26th, 2017 – South Carolina & North Carolina QSO Parties

March 4th – 5th, 2017 – ARRL International DX Contest SSB (starts 0000UTC on Saturday March 4th which is 4:00PM Friday PST) – More Info: <http://www.arrl.org/arrl-dx>

March 9th, 2017 – W6SF CLUB MEETING – Bear Creek Community Church, 11171 N Lower Sacramento Rd, North of 8 Mile Rd – 19:30 Hours Regular Meeting, Training Program & Raffle. Training program TBA

March 25th – 26th, 2017 – CQWW WPX Contest SSB (starts 0000UTC on Saturday March 25th which is 4:00PM Friday PST) – The biggest contest on HF, every station can work each other and your prefix counts as a multiplier. Info: <http://www.cqwp.com>



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.

Do you have any topic for discussion that YOU could and would contribute to the club?

We want to hear from YOU! To submit articles for the monthly newsletter, email the editor at john@litz.com

W6SF CLUB INFORMATION

MEETINGS: Regular meetings are held on the second Thursday of each month **at the Bear Creek Community Church, 11171 Lower Sacramento Road, just north of Eight Mile Road.** Members, guests, and people having an interest in Amateur Radio are invited to attend. The next meeting is scheduled for **Thursday February 9th, 2017 at the Bear Creek Community Church 11171 Lower Sacramento Rd, north of 8 Mile Rd. See Details in this Newsletter and on the website.**

WEEKLY NETS: Held each Monday evening at 2000hrs on **147.165+ PL 107.2 Hz and 442.250 + PL 107.2** Members and visitors are invited to check in. There is also an unofficial get together on Thursday evenings (except meeting night) at 7:30pm **on 28.457MHz.** Amateurs with the proper license are encouraged to participate.

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>

2016 CLUB OFFICERS & LEADERSHIP:

President:	NZ6Q , John Litz	john@litz.com
Vice President:	N6KZW , Paul Engelman	n6kzw@sbcglobal.net
Treasurer:	KC6RRR , Paul Croci	kc6rrr@yahoo.com
Secretary:	W6INP , Eric Chapa	perrla1@aol.com
Member At Large:	N6TCE , Bob Officer	n6tce@arrl.net
Call Sign Trustee:	WB6NVB , Charlie Johnson	wb6nvb@arrl.net
Repeater Trustee:	K6SCA , Steve Allred	k6sca@arrl.net
Membership Chairman	N6ACL , Annie Lewis-Dopkus	annettel@westwayfeed.com
Event Chairman	N6XMA , Ed Stevens	n6xma@comcast.net
Newsletter Editor	NZ6Q , John Litz	john@litz.com

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!