

Information Sheet for the Carlsbad Ham Radio Test Site

May 12, 2007

Important note: to enable us to provide you with a pleasant experience, please read and follow sections 1-4 carefully!

1 Contact information for reservations:

- Please contact Assi Friedman at (858)638-1580 extension 13 or kk7kx@amsat.org for reservations one to two weeks before the exam date.

2 Before the exam:

- Obtain an FRN from the FCC:
 - Go to: <http://wireless.fcc.gov/uls/>.
 - Select the **Register CORES/CALLSIGN** button, and follow the instructions to obtain an FRN and associate it with your call signs.
 - The FRN will be *required* on Form NCVEC 605.
 - Note: applications will not be accepted without a valid FRN.
- Obtain Form NCVEC 605:
 - Go to: <http://www.sandarc.net> .
 - Download and fill out Form NCVEC 605 (Form 605 is also provided at the end of this document).
 - Note: even though form 605 states you may use your SSN or FRN, applications will only be accepted with a valid FRN.

3 Exam day:

- Bring a completed Form NCVEC 605.
- Bring \$5, exact change please!
- Bring government issued photo ID (driver's license, passport, military ID etc...).
 - If photo ID is not available you must present two of the following items:
 - Nonphoto ID/ driver's license
 - Birth certificate with appropriate seal
 - Minor's work permit or school report card
 - Utility bill, bank statement or other business correspondence that specifically names the person or postmarked envelope addressed to the person at his or her current address as it appears on form 605
- Bring the original and copy of your ham radio license and any CSEs you may have.
- Calculators are allowed, however they are not to be programmed.
- Bring your favorite pen or pencil.
- Exam date: second Saturday of the month.
- Test session starts at 9:30 AM, sharp. Please show up on time.
- Exam location: Carlsbad Safety Center / Carlsbad Police:
 - 2560 Orion Way, Carlsbad CA 92008
 - See map in Section 5
 - From Interstate 5:
 - Take **Palomar Airport Road** east to **El Camino Real**.

- Turn left on **El Camino Real**.
- Drive north to **Faraday Ave**.
- Turn right on **Faraday** in the direction of the Safety Center arrow and go past the FedEx facility.
- At the T intersection, turn left and follow the road around to the right.
- Drive past the fire station and skate board park up to the Carlsbad Safety Center, on the right.
- From Highway 78 - Oceanside area:
 - Take the **El Camino Real** exit and head south.
 - Turn left on **Faraday** in the direction of the Safety Center arrow and go past the FedEx facility.
 - At the T intersection, turn left and follow the road around to the right.
 - Drive past the fire station and skate board park up to the Carlsbad Safety Center, on the right.
- From Highway 78 - Escondido area:
 - Take **San Marcos Blvd** exit and head west.
 - **San Marcos Blvd** turns into **Palomar Airport Road** at Rancho Santa Fe Road.
 - Turn right on **El Camino Real**.
 - Go north to **Faraday Ave**.
 - Turn right on **Faraday** and go past the FedEx facility.
 - At the T intersection, turn left and follow the road around to the right.
 - Drive past the fire station and skate board park up to the Carlsbad Safety Center, on the right.

4 Miscellaneous comments:

- Retesting during the same session is generally allowed. In all cases, the final decision is up to the team leader.
- Four examiners volunteer and commit their time and resources to support an exam session. If you made a reservation and cannot attend, please be courteous and inform the team leader ahead of time.
- Walk-ins are allowed, providing all the prerequisites of Sections 2 and 3 are met. Since sessions may be canceled if there are not a sufficient number of candidates, please make every effort to call ahead and make a reservation.

Exam Preparation Resources

1 Online written practice exams:

- <http://www.qrz.com/testing.html>.
- <http://www.eham.net/exams/>.
- <http://www.aa9pw.com/radio/index.html>.
- These online exams use the same question pool that SANDARC exams are based.

2 After the exam:

- If you pass, processing takes 10-14 days. Following that, go to one of the following sites to find your new call sign:
 1. QRZ new entries: http://www.qrz.com/new_hams.html.
 2. QRZ name search: <http://www.qrz.com/i/names.html>.
 3. FCC license search: <http://wireless.fcc.gov/uls/>.
- Once you receive your call sign, you are approved to go on the air within the band restrictions of your new license.
- The license will arrive from the FCC within several months.
- Yes! HRO is open on weekends too! ☺
- If you failed, please practice and come again!

3 Map of the Carlsbad exam site



4 Form NCVET 605

Attached is the form as downloaded from the SANDARC (<http://www.sandarc.net>) links provided in section 2. Please note that this is a fill-in PDF form, so you can edit it using Adobe Acrobat reader (<http://www.adobe.com/products/acrobat/readermain.html>), print and bring it in.

NCVEC QUICK-FORM 605 APPLICATION FOR AMATEUR OPERATOR/PRIMARY STATION LICENSE

SECTION 1 - TO BE COMPLETED BY APPLICANT

PRINT LAST NAME	SUFFIX (Jr., Sr.)	FIRST NAME	INITIAL	STATION CALL SIGN (IF ANY)
MAILING ADDRESS (Number and Street or P.O. Box)				SOCIAL SECURITY NUMBER (SSN) or (FRN) FCC FEDERAL REGISTRATION NUMBER
CITY		STATE CODE	ZIP CODE (5 or 9 Numbers)	E-MAIL ADDRESS (OPTIONAL)
DAYTIME TELEPHONE NUMBER (Include Area Code) OPTIONAL		FAX NUMBER (Include Area Code) OPTIONAL		ENTITY NAME (IF CLUB, MILITARY RECREATION, RACES)
Type of Applicant: <input type="checkbox"/> Individual <input type="checkbox"/> Amateur Club <input type="checkbox"/> Military Recreation <input type="checkbox"/> RACES (Modify Only)				CLUB, MILITARY RECREATION, OR RACES CALL SIGN
I HEREBY APPLY FOR (Make an X in the appropriate box(es))				SIGNATURE OF RESPONSIBLE CLUB OFFICIAL (not trustee)

<input type="checkbox"/> EXAMINATION for a new license grant <input type="checkbox"/> EXAMINATION for upgrade of my license class <input type="checkbox"/> CHANGE my name on my license to my new name Former Name: _____ <small>(Last name) (Suffix) (First name) (MI)</small>	<input type="checkbox"/> CHANGE my mailing address to above address <input type="checkbox"/> CHANGE my station call sign systematically Applicant's Initials: _____ <input type="checkbox"/> RENEWAL of my license grant.
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Do you have another license application on file with the FCC which has not been acted upon?	PURPOSE OF OTHER APPLICATION	PENDING FILE NUMBER (FOR VEC USE ONLY)
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- I certify that:**
- I waive any claim to the use of any particular frequency regardless of prior use by license or otherwise;
 - All statements and attachments are true, complete and correct to the best of my knowledge and belief and are made in good faith;
 - I am not a representative of a foreign government;
 - I am not subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862;
 - The construction of my station will NOT be an action which is likely to have a significant environmental effect (See 47 CFR Sections 1.1301-1.1319 and Section 97.13(a));
 - I have read and WILL COMPLY with Section 97.13(c) of the Commission's Rules regarding RADIOFREQUENCY (RF) RADIATION SAFETY and the amateur service section of OST/OET Bulletin Number 65.

Signature of applicant (Do not print, type, or stamp. Must match applicant's name above.) (Clubs: 2 different individuals must sign)

X _____ Date Signed: _____

SECTION 2 - TO BE COMPLETED BY ALL ADMINISTERING VEs

Applicant is qualified for operator license class:

- NO NEW LICENSE OR UPGRADE WAS EARNED**
- TECHNICIAN** Element 2
- GENERAL** Elements 2 and 3
- AMATEUR EXTRA** Elements 2, 3 and 4

DATE OF EXAMINATION SESSION
EXAMINATION SESSION LOCATION
VEC ORGANIZATION
VEC RECEIPT DATE

I CERTIFY THAT I HAVE COMPLIED WITH THE ADMINISTERING VE REQUIREMENTS IN PART 97 OF THE COMMISSION'S RULES AND WITH THE INSTRUCTIONS PROVIDED BY THE COORDINATING VEC AND THE FCC.

1st VEs NAME (Print First, MI, Last, Suffix)	VEs STATION CALL SIGN	VEs SIGNATURE (Must match name)	DATE SIGNED
2nd VEs NAME (Print First, MI, Last, Suffix)	VEs STATION CALL SIGN	VEs SIGNATURE (Must match name)	DATE SIGNED
3rd VEs NAME (Print First, MI, Last, Suffix)	VEs STATION CALL SIGN	VEs SIGNATURE (Must match name)	DATE SIGNED

DO NOT SEND THIS FORM TO FCC – THIS IS NOT AN FCC FORM.
IF THIS FORM IS SENT TO FCC, FCC WILL RETURN IT TO YOU WITHOUT ACTION.

INSTRUCTIONS FOR COMPLETING APPLICATION FORM NCVEC FORM 605

AMATEUR RADIO LICENSE LEVELS AND REQUIREMENTS

As of April 15, 2000, you may be examined on only three classes of operator licenses, each authorizing varying levels of privileges. Currently there are three license classes, Technician, General and Extra. The Federal Communications Commission (FCC) grants these licenses.

Technician Class License

EXAM: 35-question Technician Written Exam (Element 2)
PRIVILEGES: All VHF/UHF amateur bands (frequencies above 30 MHz) and certain HF frequencies on the 80, 40, and 15 meter bands using CW, and on the 10 meter band using CW, voice, and digital modes.

General Class License (upgrade from Technician)

EXAM: 35-question General Written Exam (Element 3)
PRIVILEGES: All VHF/UHF amateur bands and most HF privileges (10 through 160 meters).
In addition to the Technician privileges, General Class operators are authorized to operate on any frequency in the 160, 30, 17, 12, and 10 meter bands. They may also use significant segments of the 80, 40, 20, and 15 meter bands.

Extra Class License (upgrade from General)

EXAM: 50-question Extra Written Exam (Element 4)
PRIVILEGES: All amateur privileges.

Should you have any questions contact one of the 14 volunteer examiner coordinator (VEC) organizations on www.ncvec.org for contact information for the VECs, or to contact the FCC, call 888-225-5322 (weekdays), or write to FCC, 1270 Fairfield Road, Gettysburg PA 17325-7245. Also see the FCC web at http://wireless.fcc.gov/services/index.htm?job=service_ho me&id=amateur.

ARE WRITTEN TESTS AN FCC-LICENSE REQUIREMENT? ARE THERE EXEMPTIONS?

The Amateur Operator/Primary Station License class for which an examinee qualifies for is determined by the exams taken at a VE test session. The exams cover regulations, operating practices, and electronics theory. There is no exemption from the written exam requirements for persons with difficulty in reading, writing, or because of a handicap or disability. There are exam accommodations that can be afforded examinees. Most new amateur operators start at the Technician class and then advance one class at a time. FCC rules provide for examination element credit in some cases, licenses that were previously held so that examinations required for that license need not be repeated. The written examinations are constructed from question pools that are in public domain (see: www.ncvec.org). Helpful study guides and training courses are also widely available. To locate examination opportunities in your area, contact your local club, VE group, one of the 14 VECs or see the online listings on www.nceve.org.

IS MORSE CODE AN FCC-LICENSE REQUIREMENT?

Beginning February 23, 2007, the FCC no longer requires passing a Morse code examination for any Amateur Radio license class.

SOCIAL SECURITY NUMBER

Under the Debt Collection Act of 1996 your Taxpayer ID Number (TIN), which is your Social Security Number, is required on this application -- or your FCC-assigned Federal Registration Number (FRN). An FRN is assigned by the FCC registration system as soon as your SSN is registered.

RENEWING OR MODIFYING YOUR AMATEUR RADIO OPERATOR/PRIMARY STATION LICENSE

NCVEC FORM 605

The NCVEC form 605 may also be used to renew or modify your Amateur Radio Operator/Primary Station license. License renewals (with associated fee for vanity renewals) may only be completed during the final 90 days prior to license expiration, or up to two years after expiration. Changes to your mailing address, name and requests for a sequential change of your station call sign appropriate for your license class may be requested at any time. This form may not be used to apply for a new specific "Vanity" station call sign. Do not send or provide this form to the FCC - this form is for VE / VEC use only.

THE FCC APPLICATION FORM 605

The FCC version of the form 605 may not be used for applications submitted to a VE team or a VEC since it does not request information needed by the administering VE's. The FCC Form 605 may however, be used to routinely renew or modify your license without charge. New vanity license requests and vanity license renewals require a FCC regulatory fee. FCC form 605 should be sent to the FCC, 1270 Fairfield Rd., Gettysburg PA 17325-7245. FCC forms can be obtained via the FCC web at <http://www.fcc.gov/formpage.html> or by fax at 202-418-0177 (request Form 000605).

RENEWING OR MODIFYING YOUR AMATEUR LICENSE

You can submit your renewal or license modifications to FCC via the internet at: <http://wireless.fcc.gov/uls/>. If you are already registered in ULS and have obtained a FRN (Federal Registration Number), you can choose the "ONLINE FILING / LOG IN" link to perform your on-line transaction with the FCC. If you do not have a FRN, you must first register in the ULS by following the "New Users / Register" link and complete your registration information. You can then choose the "Online Filing / LOG IN" link. Direct any on-line filing or password questions to FCC Tech Support weekdays at 202-414-1250.

CLUB STATION CALL SIGN ADMINISTRATORS (CSCSA)

The NCVEC Form 605 is also used for the processing of applications for Amateur Service club and military recreation station call signs and for the modification of RACES stations. This form may not be used to apply for a new specific "Vanity" station call sign. The Club Station Call Sign Administrators are: ARRL/VEC (225 Main St., Newington, CT 06111), W4VEC (3504 Stonehurst Pl., High Point, NC 27265) and the W5YI-VEC (PO Box 565101, Dallas TX 75356) Please return this form to one of these three CSCSAs.