

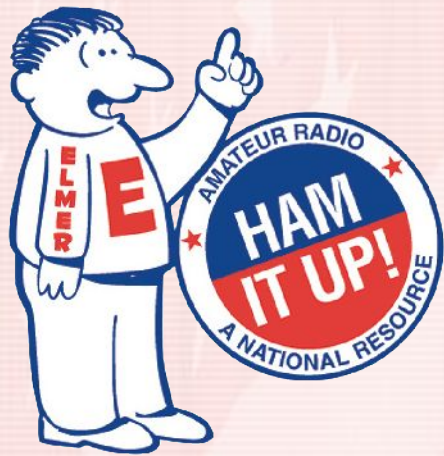
# Technician Licensing Class

## About Ham Radio

Presented by

Ryan Caron

NX1U



# Amateur Radio Technician Class Element 2 Course Presentation

## ➤ **ELEMENT 2 SUB-ELEMENTS** (Groupings)

### ➤ **About Ham Radio**

- **Call Signs**
- **Control**
- **Mind the Rules**
- **Tech Frequencies**
- **Your First Radio**
- **Going On The Air!**
- **Repeaters**
- **Emergency!**
- **Weak Signal Propagation**

# About Ham Radio

- T1A1 The Amateur Radio Service is intended for persons who are interested in radio technique solely with a personal aim and without pecuniary interest.



**There is no minimum age requirement for holding an FCC Amateur Radio License.**

# About Ham Radio

- T1A2 The agency that regulates and enforces the rules for the Amateur Radio Service in the United States is the FCC.
- T1C10 You may operate to transmit after you pass the examination elements required for your first amateur radio license as soon as your name and call sign appear in the FCC's ULS database.



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## Universal Licensing System



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# About Ham Radio

- T1C8 The normal term for an FCC-issued primary station/operator license grant is ten years.
- T1C9 The grace period following the expiration of an amateur license within which the license may be renewed is two years.

Call Sign/Number	Grant Date	Expiration Date	File Number	Print Date	Effective Date
K3DIO	07-06-2006	09-24-2016	0002670444	07-06-2006	07-06-2006
Operator Privileges <b>Amateur Extra</b>		Station Privileges <b>PRIMARY</b>		THIS LICENSE IS NOT TRANSFERABLE. SPECIAL CONDITIONS/ENDORSEMENTS: NONE	
BYTHEWAY JR, ROBERT W ROBERT W. BYTHEWAY, JR. 1632 SPANISH TRAIL PLANO TX 75023					
<b>AMATEUR RADIO LICENSE</b>					
FCC Registration Number (FRN) 0003315850					
FCC 660					

April 2002

FOLD

(Licensee's Signature)  
FEDERAL COMMUNICATIONS COMMISSION

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
AMATEUR RADIO LICENSE

**K3DIO**

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0002670444	Amateur Extra	PRIMARY

THIS LICENSE IS NOT TRANSFERABLE

(Licensee's Signature)

FCC 660

April 2002

# About Ham Radio

- T1C11 If your license has expired and is still within the allowable grace period, you may not continue to operate to transmit until the ULS database shows that the license has been renewed.
- T1A10 The FCC Part 97 definition of an amateur station is a station in an Amateur Radio Service consisting of the apparatus necessary for carrying on radio communications.



A control operator



Make sure the FCC has issued your call sign before you go on the air for the first time.

# Element 2 Technician Class Question Pool

Valid July 1, 2010  
Through  
June 30, 2014



# T1A01 For whom is the Amateur Radio Service intended?

- A. Persons who have messages to broadcast to the public
- B. Persons who need communications for the activities of their immediate family members, relatives and friends
- C. Persons who need two-way communications for personal reasons
- D. Persons who are interested in radio technique solely with a personal aim and without pecuniary interest



T1A02

What agency regulates and enforces the rules for the Amateur Radio Service in the United States?

- A. FEMA
- B. The ITU
- C. The FCC
- D. Homeland Security

# T1C10

How soon may you operate a transmitter on an amateur service frequency after you pass the examination required for your first amateur radio license?

- A. Immediately
- B. 30 days after the test date
- C. As soon as your name and call sign appear in the FCC's ULS database
- D. As soon as you receive your license in the mail from the FCC

T1C08

What is the normal term for an FCC-issued primary station/operator license grant?

- A. Five years
- B. Life
- C. Ten years
- D. Twenty years

T1C09

What is the grace period following the expiration of an amateur license within which the license may be renewed?

- A. Two years
- B. Three years
- C. Five years
- D. Ten years

# T1C11

If your license has expired and is still within the allowable grace period, may you continue to operate a transmitter on amateur service frequencies?

- A. No, transmitting is not allowed until the ULS database shows that the license has been renewed
- B. Yes, but only if you identify using the suffix "GP"
- C. Yes, but only during authorized nets
- D. Yes, for up to two years

# T1A10 What is the FCC Part 97 definition of an amateur station?

- A. A station in an Amateur Radio Service consisting of the apparatus necessary for carrying on radio communications
- B. A building where Amateur Radio receivers, transmitters, and RF power amplifiers are installed
- C. Any radio station operated by a non-professional
- D. Any radio station for hobby use