

CW = AM - mouse (21)
AIA = ITU
Tps

Vert ant = electric
waves travel
perdic to earth
surface

What device matches
balun

Yagi - parallel +
parasitic $\frac{1}{2}$ wave
lengths

balanced ant at
feed point -
sym

RF - keep ant near
FM simi to phase
mod

if reac mod fails
unmodulated CR
wave

to be used
Control opv at control pt (23)
3rd party un lic - control
opv at control pt

~~FCC - control~~

Rptr = FCC = pause buffer
between trans

1st resp disas - tactical
state of emerg - FCC
disaster - disrupt
comm

novice - await tech
call sign - temp KT

Initial 3rd comm - ID
after evig trans

52.5 - T

G

A

E

146.5k

Remote control -
no addr call

ama opv - may
rebroad = Spce Shut
perm of Nasa

(23)

repeater
input 1 mhz limits
out 52 mhz

146.22 mhz
0.6 mhz

222.1 1/4 = 1600 kHz

VAF - signals to bend
tropo

layer of ions -
retards D
lowest time E
2 to 1 F

best or most accurate
ant term want
F jack

multimeters
VCR

direct wattmeters
forward + reflect

min voltage =
30V

ANSI - RF
app limits

Black + red - fuse
dummy load

capacitors
micro

dielectric

band pass -
lo ps

hi ps

inducts - store +
oppose

4th band toleran
in %

(24)

(25)

ITU = 1

Vert - electro tip of fm
perpendicular
to earth

balun - matches

Fm = pm

Yagi parasit
Parallel

min
2 RF = ant at ground
~~VE's arrived - no paper work~~
VE'S = not asst 8/24/91

School

Tom take many
reserved sheets

317 6815 orig

sched in
Mar Vista

if paper work lost
contact tom - give
na loca date

(26)

once we take
epam, sent by
Tom to Texas
W54E

If we see quest we
recog, it's because
charlie teaches from
same pool epam
given from.

Sandy passed out
610 & ans form

VE's didn't bring
tests. Sandy had
all 3 tests, Tom
to select which test

On 610

Put locati' as Mar Vista
not Marina Del Rey
- class held at Sandys

(27)

No code tests will be given. Brought a no code tech test team

Sandy requested photo id (one) looked at pict. said it was me 2 people - same last name - don't know each other. Tom questioned to see if they should be separated from sitting next to each other

8 year old
Gom got on Beebe to help rather than father
Sandy - low many
now package
here on low
Bot + Mike Bryant with
N6MSO

(28)

will handle rest of test - Tom will do paper work
Sandy passed out ^{tech} sheets 2 below - Sandy to test. Mike + passed out now eps
21-4 mainly when
epam passed out. See p229

Tom asked Sandy about it saying he never sees the epams, they're generated by computer. Sandy went to package & got diagrams. Sandy passed out tech tests and tech epams to those seated below & to me at table. Tom not in room at start of TECTH retained
410

1. Where must the writing indicating the station call sign and the licensee's name and address be affixed in order to operate under the special rules for radio control of remote model craft and vehicles?
 - A. It must be in the operator's possession
 - B. It must be affixed to the transmitter
 - C. It must be affixed to the craft or vehicle
 - D. It must be filed with the nearest FCC Field Office
2. What is the term used to define the average power supplied to the antenna transmission line during one RF cycle at the crest of the modulation envelope?
 - A. Peak transmitter power
 - B. Peak output power
 - C. Average radio-frequency power
 - D. Peak envelope power
3. How often do amateur service licenses generally need to be renewed?
 - A. Every 10 years
 - B. Every 5 years
 - C. Every 2 years
 - D. They are lifetime licenses
4. Which language(s) must be used when making the station identification by telephony?
 - A. The language being used for the contact may be used if it is not English, providing the US has a third-party traffic agreement with that country
 - B. English must be used for identification
 - C. Any language may be used, if the country which uses that language is a member of the International Telecommunication Union
 - D. The language being used for the contact must be used for identification purposes
5. What kinds of one-way communications by amateur stations are not considered broadcasting?
 - A. All types of one-way communications by amateurs are considered by the FCC as broadcasting
 - B. Beacon operation, remote control of a device, emergency communications, information bulletins consisting solely of subject matter of direct interest to the amateur service, and telegraphy practice
 - C. Only code-practice transmissions conducted simultaneously on all available amateur bands below 30 MHz and conducted for more than 40 hours per week are not considered broadcasting
 - D. Only actual emergency communications during a declared communications emergency are exempt
6. What is the term used to describe messages sent into or out of a disaster area that pertain to a person's well being?
 - A. Emergency traffic
 - B. Tactical traffic
 - C. Formal message traffic
 - D. Health and welfare traffic
7. What is the usual input/output frequency separation for stations in repeater operation in the 70-centimeter band?
 - A. 1.6 MHz
 - B. 5 MHz
 - C. 600 kHz
 - D. 5 kHz
8. Why should users of a station in repeater operation keep their transmissions short and thoughtful?
 - A. A long transmission may prevent someone with an emergency from using the repeater
 - B. To see if the receiving station operator is still awake
 - C. To give any non-hams that are listening a chance to respond
 - D. To keep long-distance charges down
9. At what time of day does maximum ionization of the ionosphere occur?
 - A. Dusk
 - B. Midnight
 - C. Midday
 - D. Dawn
10. Ducting occurs in which region of the atmosphere?
 - A. F2
 - B. Ionosphere
 - C. Troposphere
 - D. Stratosphere
11. What causes ionospheric absorption of radio waves?
 - A. A lack of D layer ionization
 - B. D layer ionization
 - C. The presence of ionized clouds in the E layer
 - D. Splitting of the F layer
12. Large amounts of RF energy may cause damage to body tissue, depending on the wavelength of the signal, the energy density of the RF field, and other factors. How does RF energy effect body tissue?
 - A. It causes radiation poisoning
 - B. It heats the tissue
 - C. It cools the tissue
 - D. It produces genetic changes in the tissue

13. If a directional RF wattmeter indicates 96 watts forward power and 4 watts reflected power, what is the actual transmitter output power?
- 80 watts
 - 88 watts
 - 92 watts
 - 100 watts
14. What station accessory is used in place of an antenna during transmitter tests so that no signal is radiated?
- A Transmatch
 - A dummy antenna
 - A low-pass filter
 - A decoupling resistor
15. How is an ammeter typically connected to a circuit under test?
- In series with the circuit
 - In parallel with the circuit
 - In quadrature with the circuit
 - In phase with the circuit
16. When 120 volts is measured across a 47000-ohm resistor, approximately how much current is flowing through it?
- 392 A
 - 39.2 A
 - 26 mA
 - 2.6 mA
17. What is a picofarad?
- A basic unit of capacitance equal to 10^{-12} farads
 - A basic unit of capacitance equal to 10^{-6} farads
 - A basic unit of capacitance equal to 10^{-2} farads
 - A basic unit of capacitance equal to 10^6 farads

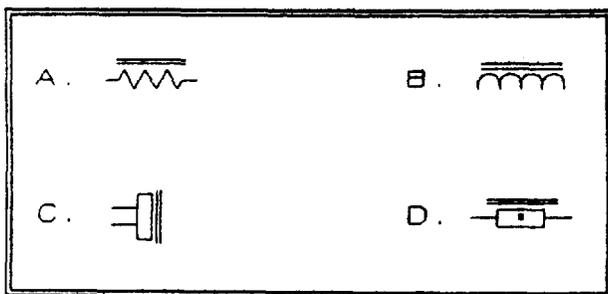


Diagram 3AF-2-4.2

18. What is the symbol used to represent an iron-core inductor on schematic diagrams? (Please refer to Diagram 3AF-2-4.2)
- Symbol A
 - Symbol B
 - Symbol C
 - Symbol D

19. For radio frequency power applications, which type of inductor has the least amount of loss?
- Magnetic wire
 - Iron core
 - Air core
 - Slug tuned
20. What circuit is likely to be found in all types of receivers?
- An audio filter
 - A beat frequency oscillator
 - A detector
 - An RF amplifier
21. How would you transmit packet using an FM 2-meter transceiver?
- Use your telegraph key to interrupt the carrier wave
 - Modulate your FM transmitter with audio tones from a terminal node controller
 - Use your mike for telephony
 - Use your touch-tone (DTMF) key pad to signal in Morse code
22. What is the FCC emission designator for a Morse code telegraphy signal produced by switching the transmitter output on and off?
- Test
 - AM phone
 - CW
 - RTTY
23. What type of feed line is best suited to operating at a high standing wave ratio?
- Coaxial cable
 - Flat ribbon "twin lead"
 - Parallel open-wire line
 - Twisted pair
24. What is a cubical quad antenna?
- Four parallel metal tubes, each approximately $1/2$ electrical wavelength long
 - Two or more parallel four-sided wire loops, each approximately one electrical wavelength long
 - A vertical conductor $1/4$ electrical wavelength high, fed at the bottom
 - A center-fed wire $1/2$ electrical wavelength long
25. What is an unbalanced line?
- Feed line with neither conductor connected to ground
 - Feed line with both conductors connected to ground to suppress harmonics
 - Feed line with one conductor connected to ground
 - Feed line with the outer conductor connected to ground at uneven intervals

W5YI Volunteer Examiner Coordinator
Element 3A - Technician Examination - Answers to Series H901

1. B (3AA-10.4)
2. D (3AA-6-1.2)
3. A (3AA-3.1)
4. B (3AA-8-2.1)
5. B (3AA-13.1)
6. D (3AB-6-2.1)
7. B (3AB-2-3.2)
8. A (3AB-2-1.3)
9. C (3AC-3.2)
10. C (3AC-7.1)
11. B (3AC-2.4)
12. B (3AD-11-1.1)
13. C (3AD-5-2.2)
14. B (3AD-9.4)
15. A (3AD-3-1.1)
16. D (3AE-2.7)
17. A (3AE-4-2.3)
18. B (3AF-2-4.2)
19. C (3AF-2-1.4)
20. C (3AG-4-1.1)
21. B (3AH-2-6.2)
22. C (3AH-2-2.1)
23. C (3AI-3-3.2)
24. B (3AI-1-2.1)
25. C (3AI-4-1.2)

W5YI Volunteer Examiner Coordinator
Element 3A - Technician Examination - Answers to Series G901

1. C (3AA-12.2)
2. B (3AA-2.3)
3. B (3AA-6-4.1)
4. D (3AA-13.2)
5. C (3AA-8-3.1)
6. C (3AB-3.3)
7. C (3AB-2-2.1)
8. D (3AB-4.2)
9. A (3AC-7.4)
10. C (3AC-1-4.3)
11. B (3AC-3.4)
12. B (3AD-9.2)
13. A (3AD-6.1)
14. A (3AD-11-1.2)
15. D (3AD-3-2.1)
16. D (3AE-1-2.2)
17. B (3AE-3-4.2)
18. D (3AF-2-1.3)
19. D (3AF-3-3.3)
20. C (3AG-4-2.2)
21. A (3AH-2-6.1)
22. D (3AH-2-4.2)
23. C (3AI-5-1.1)
24. C (3AI-2-1.2)
25. C (3AI-5-2.1)



1. Under what circumstances does the FCC declare a temporary state of communication emergency?
 - A. When a declaration of war is received from Congress
 - B. When the maximum usable frequency goes above 28 MHz
 - C. When communications facilities in Washington, DC, are disrupted
 - D. When a disaster disrupts normal communications systems in a particular area
2. In an exchange of international third-party communications, when is the station identification procedure required?
 - A. Only at the beginning of the communications
 - B. At the end of each exchange of communications
 - C. The station identification procedure is not required during international third party communications
 - D. Only at the end of multiple exchanges of communications
3. Which operator licenses authorize privileges on 52.525 MHz?
 - A. Extra, Advanced only
 - B. Extra, Advanced, General only
 - C. Extra, Advanced, General, Technician only
 - D. Extra, Advanced, General, Technician, Novice
4. What are the station identification requirements for an amateur station transmitting signals to control a model craft?
 - A. Once every ten minutes, and at the beginning and end of each transmission
 - B. Once every ten minutes
 - C. At the beginning and end of each transmission
 - D. Station identification is not required provided that a label indicating the station call sign and the station licensee's name and address is affixed to the station transmitter
5. Notwithstanding the numerical limitations in the FCC Rules, how much transmitting power shall be used by an amateur station?
 - A. There is no regulation other than the numerical limits
 - B. The minimum power level required to achieve S9 signal reports
 - C. The minimum power necessary to carry out the desired communication
 - D. The maximum power available, as long as it is under the allowable limit 3AA-6-3.1 D What is the maximum transmitting power permitted an amateur station on 146.52 MHz?
6. What is the meaning of: "Your report is five seven..."?
 - A. Your signal is perfectly readable and moderately strong
 - B. Your signal is perfectly readable, but weak
 - C. Your signal is readable with considerable difficulty
 - D. Your signal is perfectly readable with near pure tone
7. What is the term used to describe first-response communications in an emergency situation?
 - A. Tactical communications
 - B. Emergency communications
 - C. Formal message traffic
 - D. National Traffic System messages
8. What is the usual input/output frequency separation for stations in repeater operation in the 2-meter band?
 - A. 1 MHz
 - B. 1.6 MHz
 - C. 170 Hz
 - D. 0.6 MHz
9. What effect does tropospheric bending have on 2-meter radio waves?
 - A. It increases the distance over which they can be transmitted
 - B. It decreases the distance over which they can be transmitted
 - C. It tends to garble 2-meter phone transmissions
 - D. It reverses the sideband of 2-meter phone transmissions
10. What are the two distinct sub-layers of the F layer of the ionosphere during the daytime?
 - A. Troposphere and stratosphere
 - B. F1 and F2
 - C. Electrostatic and electromagnetic
 - D. D and E
11. How are VHF signals within the range of the visible horizon propagated?
 - A. By sky wave
 - B. By direct wave
 - C. By plane wave
 - D. By geometric wave
12. What is the purpose of the ANSI RF protection guide?
 - A. It protects you from unscrupulous radio dealers
 - B. It sets RF exposure limits under certain circumstances
 - C. It sets transmitter power limits
 - D. It sets antenna height requirements

13. What is a multimeter?
- An instrument capable of reading SWR and power
 - An instrument capable of reading resistance, capacitance and inductance
 - An instrument capable of reading resistance and reactance
 - An instrument capable of reading voltage, current and resistance
14. When adjusting a transmitter filter circuit, what device is connected to the transmitter output?
- A multimeter
 - A set of Litz wires
 - A receiver
 - A dummy antenna
15. What is a directional wattmeter?
- An instrument that measures forward or reflected power
 - An instrument that measures the directional pattern of an antenna
 - An instrument that measures the energy consumed by the transmitter
 - An instrument that measures thermal heating in a load resistor
16. What is a microfarad?
- A basic unit of capacitance equal to 10^{-12} farads
 - A basic unit of capacitance equal to 10^{-6} farads
 - A basic unit of capacitance equal to 10^{-2} farads
 - A basic unit of capacitance equal to 10^6 farads
17. What is Ohm's Law?
- A mathematical relationship between resistance, voltage and power in a circuit
 - A mathematical relationship between current, resistance and power in a circuit
 - A mathematical relationship between current, voltage and power in a circuit
 - A mathematical relationship between resistance, current and applied voltage in a circuit
18. What are the electrical properties of an inductor?
- An inductor stores a charge electrostatically and opposes a change in voltage
 - An inductor stores a charge electrochemically and opposes a change in current
 - An inductor stores a charge electromagnetically and opposes a change in current
 - An inductor stores a charge electromechanically and opposes a change in voltage
19. What is a capacitor dielectric?
- The insulating material used for the plates
 - The conducting material used between the plates
 - The ferrite material that the plates are mounted on
 - The insulating material between the plates
20. What circuit attenuates electrical energy above a certain frequency and below a lower frequency?
- A band-pass filter
 - A high-pass filter
 - An input filter
 - A low-pass filter
21. If the modulator circuit of your FM transmitter fails, what emission type would likely result?
- An unmodulated carrier wave
 - A phase-modulated carrier wave
 - An amplitude-modulated carrier wave
 - A frequency-modulated carrier wave
22. What other emission does phase modulation most resemble?
- Amplitude modulation
 - Pulse modulation
 - Frequency modulation
 - Single-sideband modulation
23. What type of parasitic beam antenna uses two or more straight metal-tubing elements arranged physically parallel to each other?
- A delta loop antenna
 - A quad antenna
 - A Yagi antenna
 - A Zepp antenna
24. What is a balanced antenna?
- A symmetrical antenna with one side of the feed point connected to ground
 - An antenna (or a driven element in an array) that is symmetrical about the feed point
 - A symmetrical antenna with both sides of the feed point connected to ground, to balance out harmonics
 - An antenna designed to be mounted in the center
25. How can you minimize exposure to radio frequency energy from your transmitting antennas?
- Use vertical polarization
 - Use horizontal polarization
 - Mount the antennas where no one can come near them
 - Mount the antenna close to the ground

W5YI Volunteer Examiner Coordinator
Element 2 - Novice Examination - Series H901

1. If you are operating your amateur station on 21150 kHz, in what meter band are you operating?
 - A. 80 meters
 - B. 40 meters
 - C. 15 meters
 - D. 10 meters
2. The amateur service rules were designed to provide a radio communications service that meets five fundamental purposes. What are those principles?
 - A. Recognition of business communications, advancement of the radio art, improvement of communication and business skills, increase in the number of trained radio operators and electronics experts, and the enhancement of international goodwill
 - B. Recognition of emergency communications, advancement of the radio art, improvement of communication and technical skills, increase in the number of trained radio operators and electronics experts, and the enhancement of international goodwill
 - C. Recognition of emergency communications, preservation of the earliest radio techniques, improvement of communication and technical skills, maintain a pool of people familiar with early tube-type equipment, and the enhancement of international goodwill
 - D. Recognition of emergency communications, advancement of the radio art, improvement of communication and technical skills, increase in the number of trained radio operators and electronics experts, and the enhancement of a sense of patriotism and nationalism
3. If you were to receive a voice distress signal from a station on a frequency outside your operator privileges, what restrictions would apply to assisting the station in distress?
 - A. You would not be allowed to assist the station because the frequency of its signals were outside your operator privileges
 - B. You would be allowed to assist the station only if your signals were restricted to the nearest frequency band of your privileges
 - C. You would be allowed to assist the station on a frequency outside of your operator privileges only if you used international Morse code
 - D. You would be allowed to assist the station on a frequency outside of your operator privileges using any means of radio communications at your disposal
4. What emission types are Novice control operators permitted to use from 3700 to 3750 kHz?
 - A. Phone only
 - B. CW and phone
 - C. All amateur emission privileges authorized for use on those frequencies
 - D. CW only
5. What emission types are Novice control operators permitted to use on the amateur 220-MHz band in ITU Region 2?
 - A. CW and phone only
 - B. CW and data only
 - C. Data and phone only
 - D. All amateur emission privileges authorized for use on 220 MHz
6. Another amateur gives you permission to use her amateur station. What are your responsibilities, as the control operator?
 - A. Both you and she are equally responsible for the proper operation of her station
 - B. Only the station licensee is responsible for the proper operation of the station, not you the control operator
 - C. You must be certain the station licensee has given proper FCC notice that you will be the control operator
 - D. You must inspect all antennas and related equipment to ensure they are working properly
7. When is an amateur operator permitted to transmit a message to a foreign country for a third party?
 - A. Anytime
 - B. Never
 - C. Anytime, unless there is a third-party traffic agreement between the US and the foreign government
 - D. When there is a third-party traffic agreement between the US and the foreign government, or when the third party is eligible to be the control operator of the station
8. What is the license class immediately above Novice class?
 - A. The Digital class license
 - B. The Technician class license
 - C. The General class license
 - D. The Experimenter's class license
9. Which one of the following call signs is a valid US amateur call?
 - A. CE2FTF
 - B. G3GVA
 - C. UA1ZAM
 - D. AA2Z

10. When are communications pertaining to business or commercial affairs of any party permitted in the amateur service?
- A. Only when the immediate safety of human life or immediate protection of property is threatened
 - B. There are no rules against conducting business communications in the amateur service
 - C. No business communications of any kind are ever permitted in the amateur service
 - D. Business communications are permitted between the hours of 9 AM to 5 PM, only on weekdays
11. What is one meaning of the Q signal "QTH"?
- A. Time here is
 - B. My name is
 - C. Stop sending
 - D. My location is ...
12. What is the meaning of the Morse code character AR?
- A. Only the called station transmit
 - B. All received correctly
 - C. "Over" or End of transmission
 - D. Best regards
13. What type of propagation uses radio signals refracted back to earth by the ionosphere?
- A. Sky wave
 - B. Earth-moon-earth
 - C. Ground wave
 - D. Tropospheric
14. Why should all antenna and rotator cables be grounded when an amateur station is not in use?
- A. To lock the antenna system in one position
 - B. To avoid radio frequency interference
 - C. To save electricity
 - D. To protect the station and building from damage due to a nearby lightning strike
15. If you are notified that your amateur station is causing television interference, what should you do first?
- A. Make sure that your amateur equipment is operating properly, and that it does not cause interference to your own television
 - B. Immediately turn off your transmitter and contact the nearest FCC office for assistance
 - C. Install a high-pass filter at the transmitter output and a low-pass filter at the antenna-input terminals of the TV
 - D. Continue operating normally, since you have no legal obligation to reduce or eliminate the interference
16. What precautions should you take before removing the shielding on a UHF power amplifier?
- A. Make sure all RF screens are in place at the antenna
 - B. Make sure the feed line is properly grounded
 - C. Make sure the amplifier cannot be accidentally energized
 - D. Make sure that the RF leakage filters are connected
17. What instrument is used to indicate the relative impedance match between a transmitter and antenna?
- A. An ammeter
 - B. An ohmmeter
 - C. A voltmeter
 - D. An SWR meter
18. List at least four good electrical insulators.
- A. Glass, air, plastic, porcelain
 - B. Glass, wood, copper, porcelain
 - C. Paper, glass, air, aluminum
 - D. Plastic, rubber, wood, carbon
19. Signals above what frequency are usually called radio-frequency signals?
- A. 20 Hz
 - B. 2000 Hz
 - C. 20,000 Hz
 - D. 1,000,000 Hz
20. Your receiver dial is calibrated in megahertz and shows a signal at 3.525 MHz. At what frequency would a dial calibrated in kilohertz show the signal?
- A. 0.003525 kHz
 - B. 3525 kHz
 - C. 35.25 kHz
 - D. 3,525,000 kHz
21. What is the term used to describe a current that flows first in one direction, then in the opposite direction, over and over?
- A. Alternating current
 - B. Direct current
 - C. Negative current
 - D. Positive current

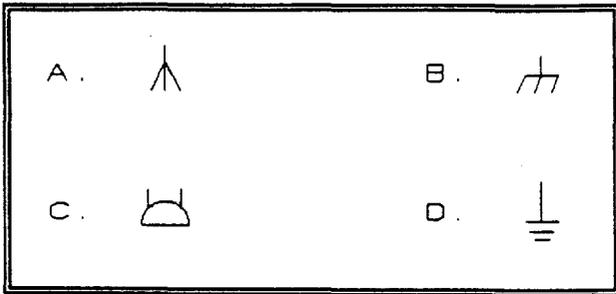


Diagram 2F-5.1

22. What is the symbol normally used to represent an earth-ground connection on schematic diagrams? (Please refer to Diagram 2F-5.1)

- A. Symbol A
- B. Symbol B
- C. Symbol C
- D. Symbol D

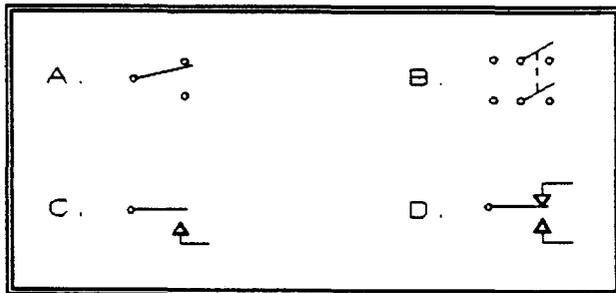


Diagram 2F-2.3

23. What is the symbol used on schematic diagrams to represent a double-pole, double-throw switch? (Please refer to Diagram 2F-2.3)

- A. Symbol A
- B. Symbol B
- C. Symbol C
- D. Symbol D

24. In an amateur station designed for Morse radiotelegraph operation, what station accessory will you need to go with your transmitter?

- A. A terminal-node controller
- B. A telegraph key
- C. An SWR meter
- D. An antenna switch

25. You discover that your tube-type transmitter power amplifier is radiating spurious emissions. What is the most likely cause of this problem?

- A. Excessively fast keying speed
- B. Undermodulation
- C. Improper neutralization
- D. Tank-circuit current dip at resonance

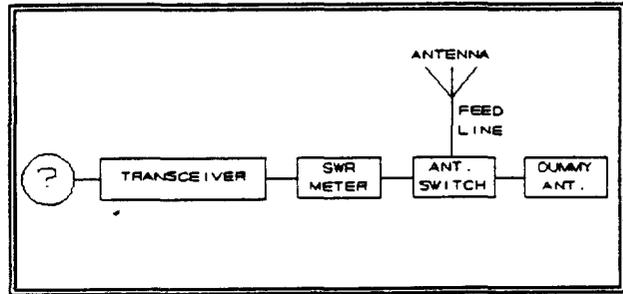


Diagram 2G-3.2

26. What is the unlabeled block (?) in this diagram of a radiotelephone station? (Please refer to Diagram 2G-3.2)

- A. A splatter filter
- B. A terminal-voice controller
- C. A receiver audio filter
- D. A microphone

27. What can be done to the power supply of a CW transmitter to avoid chirp?

- A. Resonate the power supply filters
- B. Regulate the power supply output voltages
- C. Use a buffer amplifier between the transmitter output and the feed line
- D. Hold the power supply current to a fixed value

28. On the Yagi antenna shown in Figure 2I-4, what is the name of section C?

- A. Director
- B. Reflector
- C. Boom
- D. Driven element

29. How is the approximate length (in feet) of a half-wavelength dipole antenna calculated?

- A. By substituting the desired operating frequency for f in the formula: $150 / f$ (in MHz)
- B. By substituting the desired operating frequency for f in the formula: $234 / f$ (in MHz)
- C. By substituting the desired operating frequency for f in the formula: $300 / f$ (in MHz)
- D. By substituting the desired operating frequency for f in the formula: $468 / f$ (in MHz)

30. A certain antenna system has an impedance of 1000 ohms on one band. What must you use to connect this antenna system to the 50-ohm output on your transmitter?

- A. A balun
- B. An SWR bridge
- C. An impedance matching device
- D. A low-pass filter

NAME Walt Ramsey AKB DATE 8/29/92 CITY 2
 LAST FIRST MIDDLE
 SCORES 5 6 7 8
 DATE OF BIRTH Nov 5 2 2 AGE 22 SEX M RACE W
 GRADE OR CLASS _____ INSTRUCTOR _____
 NAME OF TEST _____ PART _____

NOVICE (H 901)

Q	A	B	C	D	E	Q	A	B	C	D	E	Q	A	B	C	D	E							
1						31						61						91						
2						32						62							92					
3						33						63							93					
4						34						64							94					
5						35						65							95					
6						36						66							96					
7						37						67							97					
8						38						68							98					
9						39						69							99					
10						40						70							100					
11						41						71							101					
12						42						72							102					
13						43						73							103					
14						44						74							104					
15						45						75							105					

Attachment 7

BE SURE YOUR MARKS ARE HEAVY AND BLACK.
ERASE COMPLETELY ANY ANSWER YOU WISH TO CHANGE.

Q	A	B	C	D	E	Q	A	B	C	D	E	Q	A	B	C	D	E								
16						46						76						106							
17						47						77							107						
18						48						78							108						
19						49						79							109						
20						50						80							110						
21						51						81							111						
22						52						82							112						
23						53						83							113						
24						54						84							114						
25						55						85							115						
26						56						86							116						
27						57						87							117						
28						58						88							118						
29						59						89							119						
30						60						90							120						

100% Paid A. 9804
ADW

Attachment &
Christine F. McElwain
8/4/91 IA

The name is Tom and Damin
tennessee.

ksicmontnadu

5019283746

(Print)
NAME:

CHRISTINE McELWAIN

Element:

1A

Date:

9/14/91

Signature:

Christine F. McElwain

NOVICE

5019283746 IS OT TNA KR 6

W F YLCP .

OR X THE NAMES TO M [AND I AM

IN TENNESSEE, THE TRAIN IS N
OT AT THE STATION.

To: Federal Communications Commission
Personal Radio Branch
2025 M Street, N.W., Room 5328
Washington, DC 20554
Attn: Tom Fitz-Gibbon, Attorney

From: Dave Morse WW7K
OOC, Los Angeles Section, ARRL
15713 Romar St.
Granada Hills, CA. 91343
818-893-2817

And: Christine F. McElwain, KC6BLL
10331 Lindley Ave. #141
Northridge, CA. 91326
818-368-2123

Date: September 29, 1991

Dear Tom,

As per the tape enclosed you will find the following. Sandra Crane was acting as a member of the VE team administering the exams. This is clearly a conflict of interest in that the two owners of the school made and supplied the code tests and administered the written and code exams.

Sandra: The VE's are not paid but we comp. them to lunch or dinner.

Charlie talking to Mike Bryant: You or Ray or SANDY can interpret questions during the test.

This clearly shows that Sandra had planned to stay in the testing session and act as an examiner. Sandra did stay in the session most of the time. There were times where no Ve was present during testing. Jim Mc Kinley was rarely in the room during any testing session. The Ve's frequently deferred to Sandra and Charlie for instructions on using and locating test materials. It is obvious the Ve's had no control over the material to be administered, written and code.

On the tape you will find Sandra giving instructions on the code and written tests. This clearly shows she is acting as an examiner.

Dialogue between Mike, Charlie and Sandy indicates Charlie and Sandy knew the content of the test tape and the VE's did not

... (Mike) was looking at a test copy and insisted that the tape started with 6V's and Charlie and Sandra are adamant that the test starts with the word novice and there are no 6 V's. A copy of the code test shows there are no series of v's at the start.

Mike Bryant asks Charlie for the code test tape. Charlie replies that Sandy has the tape and calls out to Sandy to get the tape.

The following is a transcription of the code. Please notice that the random letters at the beginning are not random. They appear to follow a widely accepted format of teaching the code, such as sending all dits first, then the dahs, followed by letter patterns consisting of dits and dahs. Even the numerals follow the standard teaching patterns.

NOVICE 5 0 1 9 2 8 3 7 4 6

H S I E O M T N A D U K R
.....

G W B V F L Y Q C J P X Z . / BK SK AR BT

THE NAME IS DON AND I AM IN TENNESSEE.
THE TRAIN IS NOT AT THE STATION.

The examining Ve team consisted of: Michael Bryant, N6UBW, Raymond A. Navarro, N6RXX, James E. Mc Kinley, N6RPC. A Danny ? acted as a Ve in that he corrected the written tests with Ray Navarro.


Dave Morse
OOC, Los Angeles Section

Chris McElwain

Orig

Federal Communications Commission

Docket No 92-119 Exhibit No. 6

Presented by Bureau

Disposition Identified _____
 Received ✓ _____
 Noted _____

Reporter PR

Date 9-23-92

RECEIVED

OCT 13 1992

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

UNITED STATES OF AMERICA

FEDERAL COMMUNICATIONS COMMISSION

Washington, D. C.

I, Donna R. Searcy, hereby certify that the attached are true and correct copies of the following documents on file in this Commission, and that I am their official custodian:

Amateur Service applications (Form 610) submitted to the Commission by Tracey L. Gullotti on November 12, 1990, January 6, 1991, and April 12, 1991.

IN WITNESS WHEREOF, I have hereunto
set my hand, and caused the seal
of the Federal Communications
Commission to be affixed, this

31st day of August, 1992.

Donna R. Searcy
Secretary

APPLICATION FOR AMATEUR RADIO STATION AND/OR OPERATOR LICENSE

NO FCC FILING FEE REQUIRED (see instruction H)

ADMINISTERING VEs' REPORT		EXAMINATION ELEMENTS							
Applicant is credited for: <input checked="" type="checkbox"/>		1(A)	1(B)	1(C)	2	3(A)	3(B)	4(A)	4(B)
A. FCC Amateur license held (97.25(a)):	Class NOVICE	(NT)	(GA)		(NTGA)	(TGA)	(GA)	(A)	
B. CERTIFICATE(S) OF SUCCESSFUL COMPLETION OF AN EXAMINATION HELD (97.25(b)):		Date issued	Date issued	Date issued	Date issued	Date issued	Date issued	Date issued	Date issued
C. FCC Commercial Radiotelegraph Operator License held (97.25(c)):	Number:			Exp Date					
D. Examination elements passed that were administered at this session:									
E. APPLICANT is qualified for operator license class: <input type="checkbox"/> None:		H. Date of VEC coordinated examination session: 1/06/91							
E1. <input type="checkbox"/> NOVICE (Elements 1(A), 1(B), or 1(C) and 2)	I. VEC Receipt Date: JAN 17 1991 VEEC 95365101								
E2. <input checked="" type="checkbox"/> TECHNICIAN (Elements 1(A), 1(B), or 1(C), 2 and 3(A))									
<input type="checkbox"/> GENERAL (Elements 1(B) or 1(C), 2, 3(A), and 3(B))									
<input type="checkbox"/> ADVANCED (Elements 1(B) or 1(C), 2, 3(A), 3(B) and 4(A))									
<input type="checkbox"/> AMATEUR EXTRA (Elements 1(C), 2, 3(A), 3(B), 4(A), and 4(B))									
F. Name of Volunteer-Examiner Coordinator: (VEC coordinated sessions only) WSYE-VEC									
G. Examination session location: (VEC coordinated sessions only) Marina Del Rey, CA									

SECTION I

1. IF YOU HOLD A VALID LICENSE ATTACH THE ORIGINAL LICENSE OR PHOTOCOPY ON BACK OF APPLICATION. IF THE VALID LICENSE OR CERTIFICATE OF SUCCESSFUL COMPLETION OF AN EXAMINATION WAS LOST OR DESTROYED, PLEASE EXPLAIN.

2. CHECK ONE OR MORE ITEMS, NORMALLY ALL LICENSES ARE ISSUED FOR A 10 YEAR TERM.

2A. RENEW LICENSE--NO OTHER CHANGES

2B. REINSTATE LICENSE EXPIRED LESS THAN 2 YEARS

2C. EXAMINATION FOR NEW LICENSE

2D. EXAMINATION TO UPGRADE OPERATOR CLASS

2E. CHANGE CALL SIGN (Be sure you are eligible--See Inst. 2E)

2F. CHANGE NAME (Give former name)

2G. CHANGE MAILING ADDRESS

2H. CHANGE STATION LOCATION

3. CALL SIGN (If you checked 2C above, skip items 3 and 4) **KC6PTQ**

4. OPERATOR CLASS OF THE ATTACHED LICENSE:
NOVICE

5. CURRENT FIRST NAME TRACEY	M.I. L	LAST NAME GULLOTTI	SUFFIX (Jr., Sr., etc.)	6. DATE OF BIRTH (Month, Day, Year) 03-04-66
7. CURRENT MAILING ADDRESS (Number and Street) 18150 Edward Street		CITY Tarzana	STATE CA	ZIP CODE 91356
8. CURRENT STATION LOCATION (Do not use a P.O. Box No., RFD No., or General Delivery. See Instruction 8) SAME AS ABOVE				

9. Would a Commission grant of your application be an action which may have a significant environmental effect as defined by Section 1.1307 of the Commission's Rules? See instruction 9. If you answer "NO" submit the statement as required by Sections 1.1308 and 1.1311. YES NO

10. Do you have any other amateur radio application on file with the Commission that has not been acted upon? If yes, answer items 11 and 12. YES NO

11. PURPOSE OF OTHER APPLICATION

12. DATE SUBMITTED (Month, Day, Year)

RECEIVED
FCC
GETTYSBURG, PA
JAN 1991

I CERTIFY THAT all statements herein and attachments herewith are true, complete, and correct to the best of my knowledge and belief and are made in good faith; that I am not a representative of a foreign government; that I waive any claim to the use of any particular frequency regardless of prior use by license or otherwise; and that the station to be licensed will be inaccessible to unauthorized persons.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ATTACHMENTS ARE PUNISHABLE BY FINE AND IMPRISONMENT
U.S. CODE TITLE 18, SECTION 1001

13. SIGNATURE OF APPLICANT: (Must match item 5) **Tracey L. Gullatti**

14. DATE SIGNED: **1-06-91**

(OVER)

ATTACH THE ORIGINAL LICENSE OR PHOTOCOPY HERE

SECTION II—EXAMINATION INFORMATION

SECTION II-A FOR NOVICE OPERATOR EXAMINATION ONLY. To be completed by the Administering VEs after completing the Administering VE's Report on the other side of this form.

CERTIFICATION

I CERTIFY THAT I have complied with the Administering VE requirements stated in Part 97 of the Commission's Rules; THAT I have administered to the applicant and graded an amateur radio operator examination in accordance with Part 97 of the Commission's Rules; THAT I have indicated in the Administering VE's Report the examination element(s) the applicant passed; THAT I have examined documents held by the applicant and I have indicated in the Administering VE's Report the examination element for which the applicant is given examination credit in accordance with Part 97 of the Commission's Rules.

1A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)

1B. VE'S MAILING ADDRESS: (Number, Street, City, State, ZIP Code)

1C. VE'S OPERATOR CLASS:

GENERAL ADVANCED AMATEUR EXTRA

1D. VE'S STATION CALL SIGN

1E. LICENSE EXPIRATION DATE:

1F. IF YOU HAVE AN APPLICATION PENDING FOR YOUR LICENSE, GIVE FILING DATE:

1G. SIGNATURE: (Must match Item 1A)

DATE SIGNED

2A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)

2B. VE'S MAILING ADDRESS: (Number, Street, City, State, ZIP Code)

2C. VE'S OPERATOR CLASS:

GENERAL ADVANCED AMATEUR EXTRA

2D. VE'S STATION CALL SIGN

2E. LICENSE EXPIRATION DATE:

2F. IF YOU HAVE AN APPLICATION PENDING FOR YOUR LICENSE, GIVE FILING DATE:

2G. SIGNATURE: (Must match Item 2A)

DATE SIGNED

SECTION II-B FOR TECHNICIAN, GENERAL, ADVANCED, OR AMATEUR EXTRA OPERATOR EXAMINATION ONLY. To be completed by the Administering VEs after completing the Administering VE's Report on the other side of this form.

CERTIFICATION

I CERTIFY THAT I have complied with the Administering VE requirements stated in Part 97 of the Commission's Rules; THAT I have administered to the applicant and graded an amateur radio operator examination in accordance with Part 97 of the Commission's Rules; THAT I have indicated in the Administering VE's Report the examination element(s) the applicant passed; THAT I have examined documents held by the applicant and I have indicated in the Administering VE's Report the examination element(s) for which the applicant is given examination credit in accordance with Part 97 of the Commission's Rules.

1A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)

George A. Stair 7945

1B. VE'S STATION CALL SIGN:

KJ6TQ

1C. SIGNATURE: (Must match Item 1A)

George A. Stair

DATE SIGNED:

1/06/91

2A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)

Sandra V. Crane 7959

2B. VE'S STATION CALL SIGN:

N6TFO

2C. SIGNATURE: (Must match Item 2A)

Sandra V. Crane

DATE SIGNED:

1-6-91

3A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)

John J. Quinn 6593

3B. VE'S STATION CALL SIGN:

KJ6HW

3C. SIGNATURE: (Must match Item 3A)

John J. Quinn

DATE SIGNED:

1-06-91

APPLICATION FOR AMATEUR RADIO STATION AND/OR OPERATOR LICENSE

NO FCC FILING FEE REQUIRED (see instruction H)

ADMINISTERING VEs' REPORT			EXAMINATION ELEMENTS							
Applicant is credited for: <input checked="" type="checkbox"/>			1(A)	1(B)	1(C)	2	3(A)	3(B)	4(A)	4(B)
A. FCC Amateur license held (97.25(a)):	Class	→	(NT)	(GA)		(NTGA)	(TGA)	(GA)	(A)	
B. CERTIFICATE(S) OF SUCCESSFUL COMPLETION OF AN EXAMINATION HELD (97.25(b)):		→	Date issued	Date issued	Date issued	Date issued	Date issued	Date issued	Date issued	Date issued
C. FCC Commercial Radiotelegraph Operator License held (97.25(c)):	Number:	→			Exp Date					
D. Examination elements passed that were administered at this session:		→	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				
E. APPLICANT is qualified for operator license class: <input type="checkbox"/> None:			H. Date of VEC coordinated examination session:							
E1. <input checked="" type="checkbox"/> NOVICE (Elements 1(A), 1(B), or 1(C) and 2)			I. VEC Receipt Date:							
E2. <input type="checkbox"/> TECHNICIAN (Elements 1(A), 1(B), or 1(C), 2 and 3(A))										
<input type="checkbox"/> GENERAL (Elements 1(B) or 1(C), 2, 3(A), and 3(B))										
<input type="checkbox"/> ADVANCED (Elements 1(B) or 1(C), 2, 3(A), 3(B) and 4(A))										
<input type="checkbox"/> AMATEUR EXTRA (Elements 1(C), 2, 3(A), 3(B), 4(A), and 4(B))										
F. Name of Volunteer-Examiner Coordinator: (VEC coordinated sessions only)										
G. Examination session location: (VEC coordinated sessions only)										

SECTION I

1. IF YOU HOLD A VALID LICENSE ATTACH THE ORIGINAL LICENSE OR PHOTOCOPY ON BACK OF APPLICATION. IF THE VALID LICENSE OR CERTIFICATE OF SUCCESSFUL COMPLETION OF AN EXAMINATION WAS LOST OR DESTROYED, PLEASE EXPLAIN.

2. CHECK ONE OR MORE ITEMS, NORMALLY ALL LICENSES ARE ISSUED FOR A 10 YEAR TERM.

2A. <input type="checkbox"/> RENEW LICENSE—NO OTHER CHANGES	→	EXPIRATION DATE (Month, Day, Year)
2B. <input type="checkbox"/> REINSTATE LICENSE EXPIRED LESS THAN 2 YEARS	→	
2C. <input checked="" type="checkbox"/> EXAMINATION FOR NEW LICENSE		FORMER LAST NAME SUFFIX (Jr., Sr., etc.)
2D. <input type="checkbox"/> EXAMINATION TO UPGRADE OPERATOR CLASS		
2E. <input type="checkbox"/> CHANGE CALL SIGN (Be sure you are eligible—See Inst. 2E)		FORMER FIRST NAME MIDDLE INITIAL
2F. <input type="checkbox"/> CHANGE NAME (Give former name)	→	
2G. <input type="checkbox"/> CHANGE MAILING ADDRESS		4. OPERATOR CLASS OF THE ATTACHED LICENSE:
2H. <input type="checkbox"/> CHANGE STATION LOCATION		

3. CALL SIGN (If you checked 2C above, skip items 3 and 4)

5. CURRENT FIRST NAME	M.I.	LAST NAME	SUFFIX (Jr., Sr., etc.)	6. DATE OF BIRTH (Month, Day, Year)
Tracey	L.	Gullotti		03-04-66

7. CURRENT MAILING ADDRESS (Number and Street)	CITY	STATE	ZIP CODE
18150 Oxnard ST # 93	Tarzana	CA	91356

8. CURRENT STATION LOCATION (Do not use a P.O. Box No., RFD No., or General Delivery. See Instruction 8)

Same as above CITY STATE

9. Would a Commission grant of your application be an action which may have a significant environmental effect as defined by Section 1.1307 of the Commission's Rules? See instruction 9. If you answer Yes, submit the statement as required by Sections 1.1308 and 1.1311. YES NO

10. Do you have any other amateur radio application on file with the Commission that has not been acted upon? If yes, answer items 11 and 12. YES NO

11. PURPOSE OF OTHER APPLICATION

12. DATE SUBMITTED (Month, Day, Year)

NOV 1990
RECEIVED
FCC
GETTYSBURG, PA
CERTIFICATION

I CERTIFY THAT all statements herein and attachments herewith are true, complete, and correct to the best of my knowledge and belief and are made in good faith; that I am not a representative of a foreign government; that I waive any claim to the use of any particular frequency regardless of prior use by license or otherwise; and that the station to be licensed will be inaccessible to unauthorized persons.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ATTACHMENTS ARE PUNISHABLE BY FINE AND IMPRISONMENT
U.S. CODE TITLE 18, SECTION 1001**

13. SIGNATURE OF APPLICANT: (Must match item 5)	14. DATE SIGNED:
Tracey L. Gullotti	11/12/90

(OVER)

ATTACH THE ORIGINAL LICENSE OR PHOTOCOPY HERE

SECTION II - EXAMINATION INFORMATION

SECTION II-A FOR NOVICE OPERATOR EXAMINATION ONLY. To be completed by the Administering VEs after completing the Administering VE's Report on the other side of this form.

CERTIFICATION

I CERTIFY THAT I have complied with the Administering VE requirements stated in Part 97 of the Commission's Rules; THAT I have administered to the applicant and graded an amateur radio operator examination in accordance with Part 97 of the Commission's Rules; THAT I have indicated in the Administering VE's Report the examination element(s) the applicant passed; THAT I have examined documents held by the applicant and I have indicated in the Administering VE's Report the examination element for which the applicant is given examination credit in accordance with Part 97 of the Commission's Rules.

1A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type) Dandra V. CRANE	
1B. VE'S MAILING ADDRESS: (Number, Street, City, State, ZIP Code) 4754 La Villa Marina #J, Marina Del Rey, Ca. 90292	
1C. VE'S OPERATOR CLASS: <input type="checkbox"/> GENERAL <input type="checkbox"/> ADVANCED <input checked="" type="checkbox"/> AMATEUR EXTRA	1D. VE'S STATION CALL SIGN N6TFO
1E. LICENSE EXPIRATION DATE: 06-05-00	1F. IF YOU HAVE AN APPLICATION PENDING FOR YOUR LICENSE, GIVE FILING DATE:
1G. SIGNATURE: (Must match Item 1A) Dandra V. Crane	DATE SIGNED 11-12-90
2A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type) Charles PASCA	
2B. VE'S MAILING ADDRESS: (Number, Street, City, State, ZIP Code) 4455 HARDING ST., Culver City, Cal.	
2C. VE'S OPERATOR CLASS: <input type="checkbox"/> GENERAL <input type="checkbox"/> ADVANCED <input checked="" type="checkbox"/> AMATEUR EXTRA	2D. VE'S STATION CALL SIGN WB6CJY
2E. LICENSE EXPIRATION DATE: 02-05-00	2F. IF YOU HAVE AN APPLICATION PENDING FOR YOUR LICENSE, GIVE FILING DATE:
2G. SIGNATURE: (Must match Item 2A) Charles Pasca	DATE SIGNED 11-12-90

SECTION II-B FOR TECHNICIAN, GENERAL, ADVANCED, OR AMATEUR EXTRA OPERATOR EXAMINATION ONLY. To be completed by the Administering VEs after completing the Administering VE's Report on the other side of this form.

CERTIFICATION

I CERTIFY THAT I have complied with the Administering VE requirements stated in Part 97 of the Commission's Rules; THAT I have administered to the applicant and graded an amateur radio operator examination in accordance with Part 97 of the Commission's Rules; THAT I have indicated in the Administering VE's Report the examination element(s) the applicant passed; THAT I have examined documents held by the applicant and I have indicated in the Administering VE's Report the examination element(s) for which the applicant is given examination credit in accordance with Part 97 of the Commission's Rules.

1A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)	1B. VE'S STATION CALL SIGN:
1C. SIGNATURE: (Must match Item 1A)	DATE SIGNED:
2A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)	2B. VE'S STATION CALL SIGN:
2C. SIGNATURE: (Must match Item 2A)	DATE SIGNED:
3A. VOLUNTEER EXAMINER'S NAME: (First, MI, Last, Suffix) (Print or Type)	3B. VE'S STATION CALL SIGN:
3C. SIGNATURE: (Must match Item 3A)	DATE SIGNED:

APPLICATION FOR AMATEUR RADIO STATION AND/OR OPERATOR LICENSE
NO FCC FILING FEE REQUIRED (see instruction H)

Hold

ADMINISTERING VE's REPORT		EXAMINATION ELEMENTS							
Applicant is credited for: <input checked="" type="checkbox"/> A		1(A)	1(B)	1(C)	2	3(A)	3(B)	4(A)	4(B)
A. FCC Amateur license held (97.25(a)): <i>Novice</i>	Class →	(NT) <input checked="" type="checkbox"/>	(GA) <input type="checkbox"/>	<input type="checkbox"/>	(NTGA) <input checked="" type="checkbox"/>	(TGA) <input checked="" type="checkbox"/>	(GA) <input type="checkbox"/>	(A) <input type="checkbox"/>	<input type="checkbox"/>
B. CERTIFICATE(S) OF SUCCESSFUL COMPLETION OF AN EXAMINATION HELD (97.25(b)):		Date issued	Date issued	Date issued	Date issued	Date issued	Date issued	Date issued	Date issued
C. FCC Commercial Radiotelegraph Operator License held (97.25(c)):		Number:		Exp Date					
D. Examination elements passed that were administered at this session:		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. APPLICANT is qualified for operator license class: <input type="checkbox"/> None:					H. Date of VEC coordinated examination session:				
E1. <input type="checkbox"/> NOVICE (Elements 1(A), 1(B), or 1(C) and 2)					4-12-91				
E2. <input checked="" type="checkbox"/> GENERAL (Elements 1(A), 1(B), or 1(C), 2 and 3(A))					I. VEC Receipt Date:				
<input type="checkbox"/> ADVANCED (Elements 1(B) or 1(C), 2, 3(A), 3(B) and 4(A))					APR 19 1991 W5YL-VEC P.O. BOX 505101 DALLAS, TEXAS 75356-5101				
<input type="checkbox"/> AMATEUR EXTRA (Elements 1(C), 2, 3(A), 3(B), 4(A), and 4(B))									
F. Name of Volunteer-Examiner Coordinator (VEC coordinated sessions only) <i>W5YL-VEC</i>									
G. Examination session location: (VEC coordinated sessions only) <i>Santa Ana, Ca</i>									

SECTION I

1. IF YOU HOLD A VALID LICENSE ATTACH THE ORIGINAL LICENSE OR PHOTOCOPY ON BACK OF APPLICATION. IF THE VALID LICENSE OR CERTIFICATE OF SUCCESSFUL COMPLETION OF AN EXAMINATION WAS LOST OR DESTROYED, PLEASE EXPLAIN.

2. CHECK ONE OR MORE ITEMS, NORMALLY ALL LICENSES ARE ISSUED FOR A 10 YEAR TERM.

2A. <input type="checkbox"/> RENEW LICENSE--NO OTHER CHANGES	EXPIRATION DATE (Month, Day, Year)
2B. <input type="checkbox"/> REINSTATE LICENSE EXPIRED LESS THAN 2 YEARS	2-12-01
2C. <input type="checkbox"/> EXAMINATION FOR NEW LICENSE	FORMER LAST NAME SUFFIX (Jr., Sr., etc.)
2D. <input checked="" type="checkbox"/> EXAMINATION TO UPGRADE OPERATOR CLASS	FORMER FIRST NAME MIDDLE INITIAL
2E. <input type="checkbox"/> CHANGE CALL SIGN (Be sure you are eligible--See Inst. 2E)	
2F. <input type="checkbox"/> CHANGE NAME (Give former name)	
2G. <input type="checkbox"/> CHANGE MAILING ADDRESS	
2H. <input type="checkbox"/> CHANGE STATION LOCATION	

3. CALL SIGN (If you checked 2C above, skip items 3 and 4)
KC6PTQ

4. OPERATOR CLASS OF THE ATTACHED LICENSE:
TECH

5. CURRENT FIRST NAME	M.I.	LAST NAME	SUFFIX (Jr., Sr., etc.)	6. DATE OF BIRTH (Month, Day, Year)
<i>Tracey</i>		<i>Gullotti</i>		<i>03-04-66</i>

7. CURRENT MAILING ADDRESS (Number and Street)	CITY	STATE	ZIP CODE
<i>18150 Oxnard St. #93</i>	<i>Tarzana</i>	<i>Ca</i>	<i>91356</i>

8. CURRENT STATION LOCATION (Do not use a P.O. Box No., RFD No., or General Delivery. See Instruction 8)

Same as in #7

9. Would a Commission grant of your application be an action which may have a significant environmental effect as defined by Section 1.1307 of the Commission's Rules? See instruction 9. If you answer yes, submit the statement as required by Sections 1.1308 and 1.1311. YES NO

10. Do you have any other amateur radio application on file with the Commission that has not been acted upon? If yes, answer items 11 and 12. YES NO

11. PURPOSE OF OTHER APPLICATION
TECHNICIAN

12. DATE SUBMITTED (Month, Day, Year)
10-12-91

CERTIFICATION

I CERTIFY THAT all statements herein and attachments herewith are true, complete, and correct to the best of my knowledge and belief and are made in good faith; that I am not a representative of a foreign government; that I waive any claim to the use of any particular frequency regardless of prior use by license or otherwise; and that the station to be licensed will be inaccessible to unauthorized persons.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ATTACHMENTS ARE PUNISHABLE BY FINE AND IMPRISONMENT
U.S. CODE TITLE 18, SECTION 1001

13. SIGNATURE OF APPLICANT: (Must match item 5) <i>Tracey Gullotti</i>	14. DATE SIGNED: <i>10-12-91</i>
---	-------------------------------------

(OVER)