

December 17, 2015

Annual Business Meeting

**MAJORS FIELD**  
**AMATEUR RADIO CLUB**

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# AGENDA

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- **Elections**
- **Presentation**
- **Adjournment**

# ELECTIONS

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## **1) Nominations:**

**President – Stephen Denison – W5SMD**

**Vice-President – Michael Ketchum – K5MDK**

**Secretary Treasurer – John Nelson – N0DFW**

## **2) Floor Nominations?**

## **3) The Vote**

# PRESENTATION

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## Intro to Amateur Radio

# INTRO TO AMATEUR RADIO

**Do in a club  
what you can't  
do alone.**

**Got your license, now what?**

- **Join a club.**  
A great source for meeting other hams, learning the hobby, and getting exposure to other facets to Ham Radio.
- **Find a mentor, known as an “elmer”.**  
Just about any experienced HAM would love to be your elmer.
- **Try out different facets of the hobby.**  
2m repeaters, 10m HF, Digital Modes, EmComm, HT use, APRS, SDR Experimentation and so on.



# INTRO TO AMATEUR RADIO

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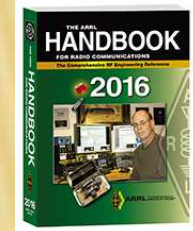
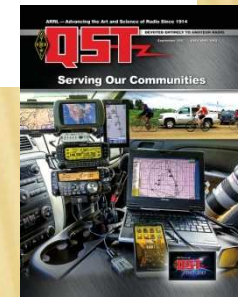
## **Got your license, now what? - continued**

- **Attend local hamfests.**
  - **Local conventions conducted annually.**
  - **Many seminars presented to educate.**
  - **Vendors selling all types of equipment.**
  - **Used equipment for sale for the starter.**
  - **Raffle for a chance to win new gear.**
  - ✓ **CowTown (middle January)**
  - ✓ **Irving ARC (early March)**
  - ✓ **HamEXPO Belton (middle April)**
  - ✓ **HAM-COM Irving (middle June)**
  - ✓ **HamEXPO Belton (early October)**

# INTRO TO AMATEUR RADIO

## What is the ARRL?

- An American organization.
- Dues \$39 annually.
- Membership includes QST magazine.
- Lobbies for HAM RADIO interests.
- Provides materials for the hobby.
- Publishes many of the books HAMs use.
- Divided into DIVISION and SECTIONS.  
West Coast Division – North Texas Section
- Organizes ARES Emergency Service.
- Organizes contests and awards.



# INTRO TO AMATEUR RADIO

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## Local Repeaters:

- **WD5GSL 2m 147.160 MHz (+) 100Hz PL**
- **WD5GSL 70cm 444.625 MHz (+) 151.4Hz PL**  
**part of NCTC linked system**
- **K5GVL 2m 146.780 MHz (-) 114.8Hz PL**  
**Echolink node 290987**



# INTRO TO AMATEUR RADIO

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## Operating

- **Rag Chew**

Carrying on long conversations with several hams, usually on a regular basis.

- **NETs**

Organized for a specific purpose, such as a club, rag-chew, awards, hamfests, public service, weather or emergency use, to name a few.

- **Contesting**

Trying to contact as many amateur operators in a contest with a set of rules.

# INTRO TO AMATEUR RADIO

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## NETs

- **All nets are usually Directed Nets. They have a Net Control that directs and controls the Net.**
- **They will usually have check-ins – people who want to participate in the net.**
- **Some have members and will have a roll call or special check-in for the members**
- **They will always break for Emergency Traffic**

# INTRO TO AMATEUR RADIO

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## **NETs - continued**

- **Traffic Nets – pass messages like a telegram**
- **Awards Nets – these are for the purpose of getting a specific award (county hunters)**
- **Emergency Preparedness Nets – ARES Net**
- **Rag Chewing – group of guys talking**  
These is probably a net on almost any kind of amateur radio activity
- **Where to find NETs?**  
You can go to the ARRL and they have a Net Directory that lists Nets (no all Nets are listed in this directory). It will give the frequency, time, etc.

# INTRO TO AMATEUR RADIO



## Field Day

- **Field Day is held the last weekend in June.**
- **Clubs, individual setup temporary operating locations to test for emergency preparedness.**
- **It goes from Saturday at noon until Sunday at noon.**
- **This is a good opportunity to show the public what amateur radio is all about.**
- **This is a great time to get Technicians a chance to experience the HF bands etc.**

# INTRO TO AMATEUR RADIO

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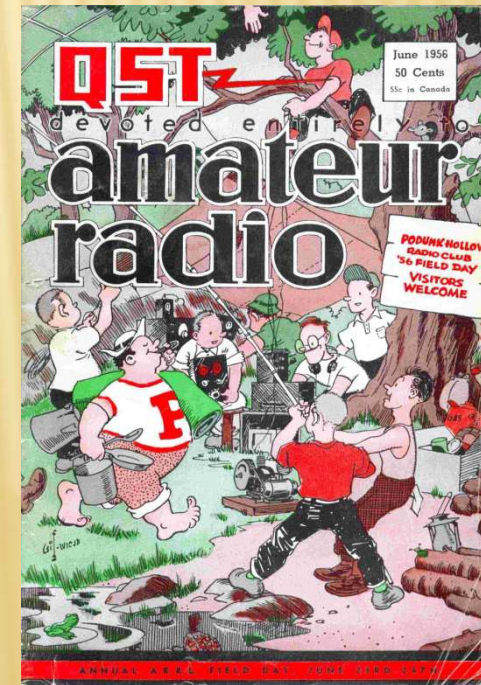
## Field Day

- **Field Day is also a contest to see how many contacts you can make.**
- **Set ups go from a single transmitter and minimal antenna to multiple transmitters using towers with beams (all temporary setup after the start of the event).**
- **This is usually a Public event as part of the purpose – it shows what we can do.**
- **Usually will have brochures etc.**
- **They can have special stations setup for visitors to talk on.**

# INTRO TO AMATEUR RADIO

## Field Day

- Food, and the consumption thereof, is a usual highlight.
- Some will operate the whole 24 hrs. and others will just operate part of the time.
- But, a good time is had by all



# INTRO TO AMATEUR RADIO



## Radios

- Before purchasing a radio, talk to some of the mentors about the different types etc.
- See if you can borrow a 2M hand held radio from someone to get on the air.
- This will get you on the air and will give you some experience in what kind of radio you might need and some of the features that you may require.



# INTRO TO AMATEUR RADIO



## Radios – continued

- All newer VHF/UHF radio (hand held or mobile) will have memory channels. These can be set to the repeaters you usually operate.
- When you get your new radio you will have to learn how to program it (set the receive frequency the offset, tone – save to memory)
- It is very handy to get programming software to load your radio.



# INTRO TO AMATEUR RADIO

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## Radios – continued

- **The Technician can operate 10M and up.**
- **Most new Technicians will get on 2M and 70cm (440) repeaters.**
- **This you can do using a Hand Held radio.**
- **A dual band Hand Held radio can now be purchased for ~ \$ 30 and up.**
- **These will usually put out 5W on 2M and 4W on 70cm.**
- **You can also get you a mobile radio.**
- **These come in different configurations.**

# INTRO TO AMATEUR RADIO

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## Radios – continued

- You can get a 2M 50watt mobile radio for ~ \$ 125. A 70cm single band radio will be a little more.
- You can also purchase a dual band mobile radios.
- Dual band mobile radios come in several different configurations.
- The first configuration is a dual band radio that you operate only one band at a time.

# INTRO TO AMATEUR RADIO

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## Radios – continued

- The other type of configuration is dual band with dual receivers/transmitters, this radio will receive on two channels at the same time – left side 2M, right side 70cm
- If you travel a lot you should think about getting one of the dual band radios. In the bigger cities there will be lots of repeaters on 440. These radios last a long time. So your purchase pays off for a long time.

# ADJOURNMENT

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