



# Irving Amateur Radio Club Inc.

Ken Hansen N2VIP, President; James Shugart N5BKL, Vice-President;  
Tom Schuessler N5HYP, Secretary/Treasurer; Bill Byrom N5BB, Director;  
Dennis Riise K5AVT, Director; Ron Tabb KC5HPO, Director;  
Dave Dobbins KF5STS, Director

September

2019

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## Events

### General/Business

**Meeting Thursday, Sep. 26 at 7:00PM Senter Park East in Irving**

### VE Test Session

**Saturday Oct. 19, 8:30 AM at Betcha Bingo Hall #2, 2420 Irving Blvd., Irving**

## September Birthdays!

KB3RWT Jerry Aberdeen

W5AH Bob Alexander

KG5BEW Ronald Preston

## Contact Us

<http://www.irvingarc.org>  
P.O. Box 153333  
Irving, TX 75015-3333

## Programming the Motorola MT2000

The Motorola MT2000 are commercial radios manufactured in the 1990's.



There are many available now as surplus from businesses and governments. While they are narrow-band compliant, channels (aka 'personalities') can be set to wideband for ham use. They are rugged, but not front-panel programmable. Some versions have displays, some do not. Batteries and chargers are widely available, as are replacement antennas. Programming requires a PC or laptop that has a serial DB9 port and can boot from a USB thumb drive, software, and a cable.



The software and cable are available from Ebay, and you may still have a PC with a serial port at home, or it can also be purchased used. In my case, I found a Dell d630 locally via Craigslist. Many thanks to my friend in Scouting Bill Clark N3DOU for giving me a head start.



Once the laptop is set up to boot from USB, it boots quickly into FreeDOS.

## Repeaters

146.72/224.40/442.675 MHz (all 110.9Hz)

## Mission Statement

To provide radio communications with honor and integrity and

To honor the amateur radio code of ethics and

To provide technical support services to others so interested and

To support citizens of our community in times of need and disaster and

To provide radio communications as needed during local emergency situations.

## Links

Irving ARC Website  
<http://irvingarc.org/>

Great Days of Service  
<http://gdsirving.org/>

ARRL – North TX  
<http://www.arrlntx.org/>

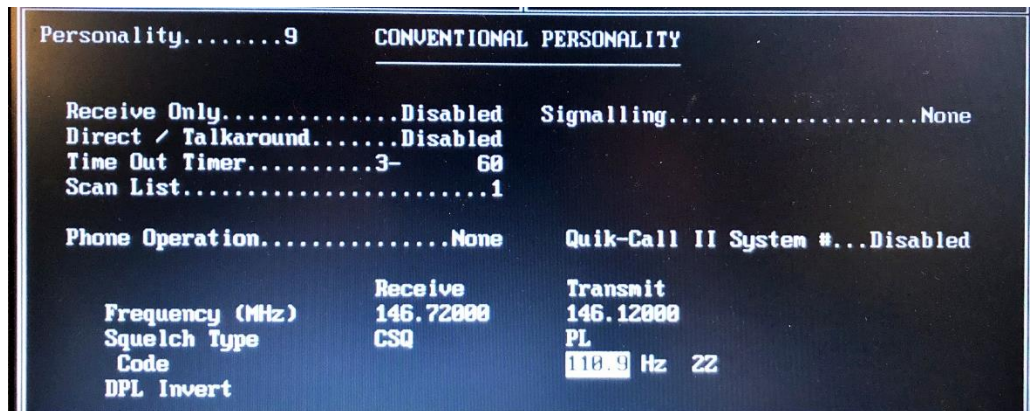
Dallas Amateur Radio Club DARC  
<http://www.w5fc.org/>

Richardson Wireless Klub RWK  
<http://www.k5rwk.org/>

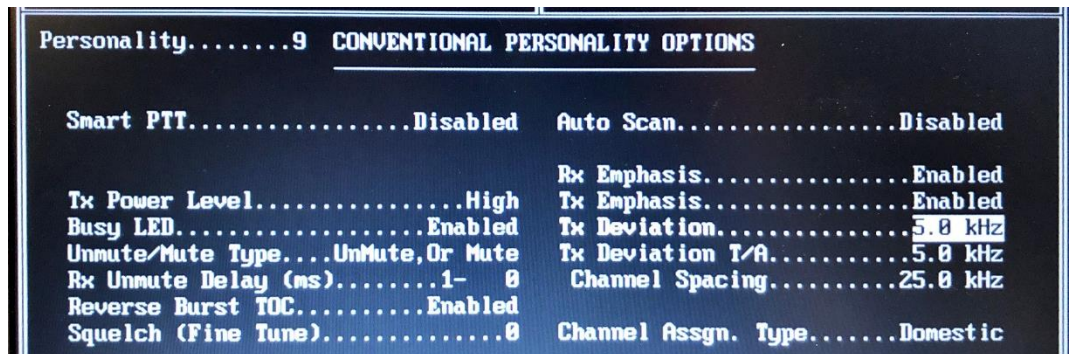
Metrocrest Amateur Radio Society MARS  
<http://www.kb5a.org/>

UT Dallas Radio Club  
<http://facebook.com/KSUTD>

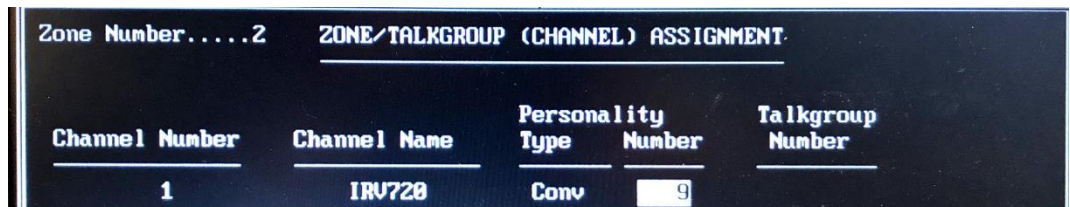
For HAM use, I am interested in changing the “conventional personalities” for wideband analog repeater use. This involves turning off any signalling setup, and setting the receive/transmit to match the repeater requirements.



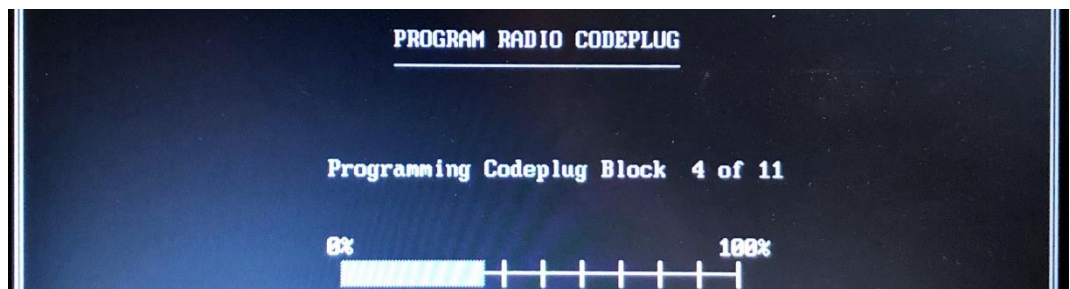
On the next page, the channel is set from narrow to wideband by setting “Tx Deviation” to 5.0 kHz – this moves channel spacing to the required 25.0 kHz. You will sound quiet and attenuated without setting this to wide.



Once the personality is added, it is not available to the user until it is added to a zone as a channel.



After setting up the personalities and channels, the modified codeplug can be written to the radio.



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## MOTA (Meeting on the Air) Report 9/12

The first net went great! We had 13 check-ins and the net lasted about 2 hours (7:00 PM - 8:56 PM CDT on Thursday Sept 12). Topics included:

- Upcoming VE tests at Dallas Love Field on Sept 14 and Irving on Sept 21
- Upcoming General license class in Garland starting Nov 12 (7pm-9pm on Tuesday nights for 5 weeks)
- contact is John Abbott 972-494-9533 education@K5QHD.org
- Upcoming Radio Merit Badge class (tentatively on November 18)
- Irving OEM/RACES/ARES discussion
- Discussion of local nets and travel updates when driving
- Discussion of sites with DFW Amateur Radio information such as:
  - <https://twitter.com/dfwhamradio>
  - Tri-County Amateur Radio Club: <http://wc5c.org/>
- Other general discussion about topics of interest and what's going on with those attending the net

We had 13 check-ins from:

- N5BB (NCS)
- KI5ELP (Vernon)
- N5BKL (James)
- W5FRS (Dennis)
- KB5FVS (James from Albuquerque via Echolink)
- KC5HPO (Ron)
- KF5PJH (Venzula)
- W5EBB (David - visitor from Dallas)
- N5HYP (Tom)
- KA5OZC (Billy)
- KB3RWT (Jerry)
- AG5HV (Jonathan, who moved from Irving to North Richland Hills this summer)
- KE5BCP (Jay - visitor from Lewisville)

Our next Irving Club Net will be the second Thursday of October (Oct 10) at 7:00 PM.

Bill Byrom N5BB.

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## September Meeting 9/26/19 - Be There!

Our September meeting is this Thursday, Sep. 26, and we are meeting at Senter Park East at 7:00 PM. Directions can be found here: <https://www.cityofirving.org/Facilities/Facility/Details/Senter-East-Building-111>



## Upcoming Hamfests/ARRL Events

10/25/2019 Texoma Hamarama, Ardmore, OK, Sponsored by The Texoma Hamarama Association. <http://www.hamarama.org>

11/02/2019 Parker County Hamfest and Emergency Preparedness, Springtown, TX, Sponsored by Amateur Radio Club of Parker County & Tri-County Amateur Radio Club. <http://www.arrl.org/hamfests/parker-county-hamfest-emergency-preparedness-expo>

Source: <http://www.arrl.org/hamfests>

## IARC Breakfast Bunch

A group of IARC, Inc. members and guests meet for breakfast, coffee, fellowship, tall tales, etc. every Wednesday at 8:30 am at McDonald's, 2410 N Story Rd and 183 (East side of Story, before Rochelle).

# Tropical Storm Imelda Response/Recovery

A Note from Kevin KF5FUZ regarding the Tropical Storm Imelda Response and Recovery. Thanks to Ken N2VIP for sending this in:

This photo pretty much sums it up. Folks are moving from response to recovery...



## Disaster Emergency Supplies:

Good partners are stepping up to the Imelda Challenge.



Here is South East Texas Food Bank at the Red Cross Disaster Emergency Supply Distribution point in Orange County. Along with Red Cross items:



And National Guard was GREAT helping to distribute:



So by the end of the drive through you had clean up kits, water, food, ...

**Feeding:**

Another AWESOME partner - they do the cooking and we do delivery - is TX Baptist Men



TX Baptist Men wash tubs in preparation to open this kitchen in Nederland

This kitchen will have the capacity to produce 10,000 meals per day. It is ideally placed to serve the needs of Winne, Beaumont, and Orange.

## Disaster Assessment

To know if a family has been impacted, and to what degree, is the job of Damage / Disaster Assessment Teams. Many other charities and some government rely on Red Cross Damage assessment in their client service. Aggregate data is also valuable for government officials who are trying to recover dollars or get aid for communities, or in order to make a declaration.



Disaster Assessment Team Leaders work on a game plan



Disaster Assessment Teams getting ready to head out Monday

## Client Service

As we make the transition from Response to Recovery - we are engaging in Client Service to help folks with aid and referrals. Clients are different - and may not know the sources of aid available to them. For example many services are available to veterans. Also what charities/services are available in an area. For

Example, Harris County has a Home Clean Up Help line available from Ready Harris. So matching those resources to the client, and making sure their immediate disaster need are met is what client service is all about. The photos below are the Kingwood Flood Assistance center. Multiple Agencies provide services to help folks impacted by TS Imelda.



Folks queue up at the Kingwood Flood Assistance Center, food and clean up kits can be picked up at the same time.



Client Services personnel from several charities and agencies are available to provide service and information.

Thank you for being our good partner in disaster response since 1935

Kevin KF5FUZ