

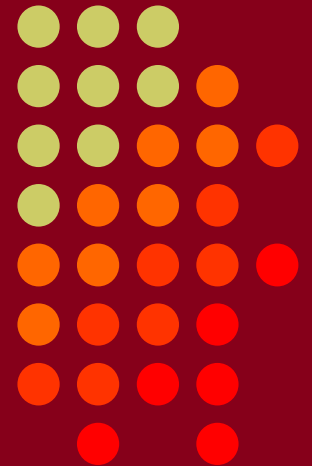
# CTU Presents

## VHF Contest Updates & Questions

Joel Harrison, W5ZN

• CTU •  
CONTEST  
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# Impact of FTx in VHF Contests



- Concern expressed regarding declining use of analog modes (SSB/CW)
- CAC VHF+ Subcommittee task to review
- What is the impact of FTx modes on VHF contesting?
- Analyzed contest data both before and after the introduction of FTx modes into VHF contesting

# CAC VHF+ Subcommittee



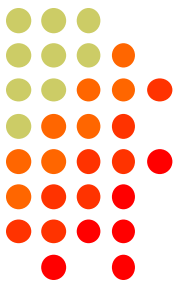
- K9CT (Chair)
- W0ZQ (V-Chair)
- W2FU
- KK6MC
- N7EPD
- K2UA
- N2CEI
- K2DRH
- K9JK

# Rules Change



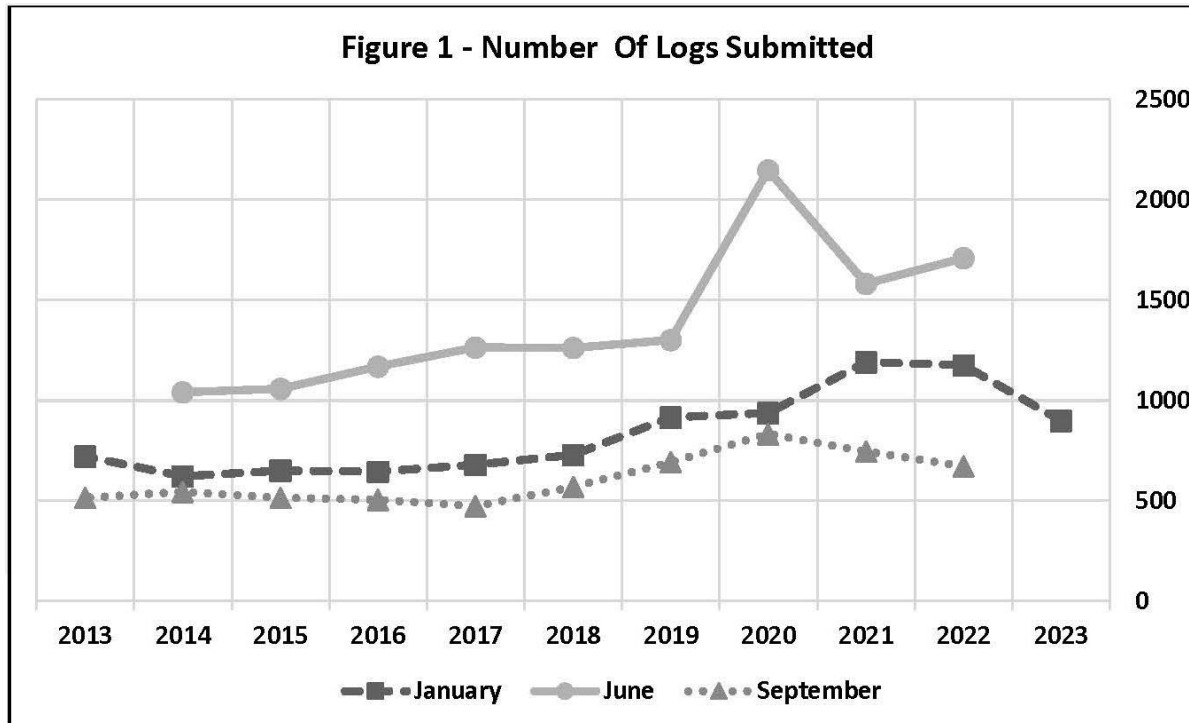
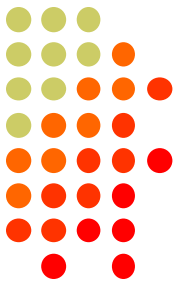
- Implement analog-only categories for single operator.
- Approved by CAC
- Approved by PSC
- Implemented by ARRL

# Introduction of FTx in VHF Contesting



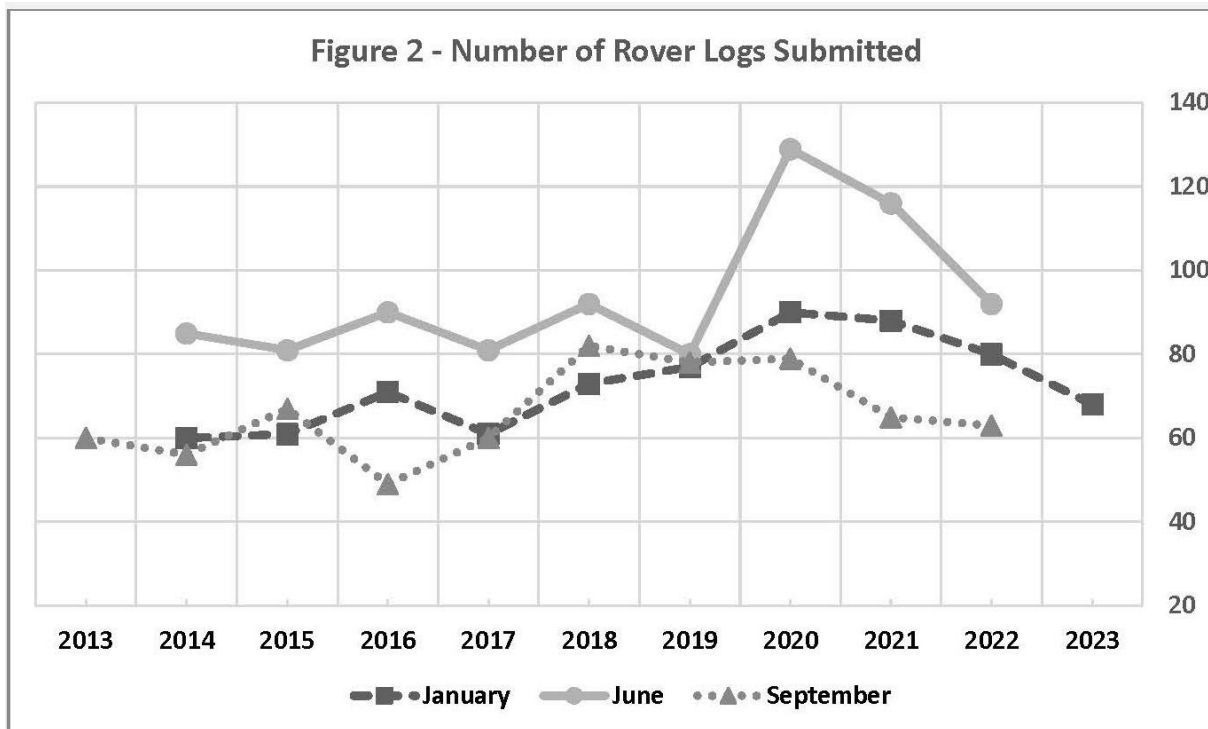
- Significant impact both positive and negative
- Increased use use during contests
- Surveyed the VHF contest community
- Conducted extensive “data mining” of VHF contest log records

# Total Logs Submitted



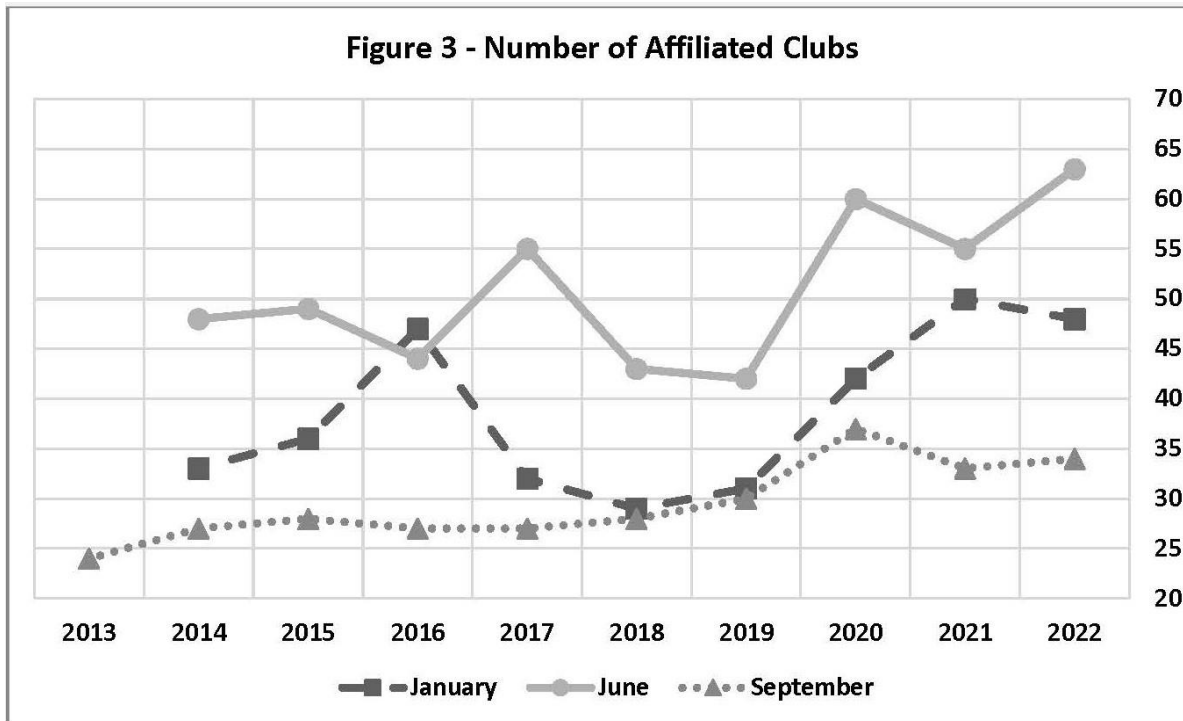
Beginning 4 years before FTX (2017) and five years after

# Total Rover Logs



Beginning 4 years before FTX (2017) and five years after

# Affiliate Club Logs

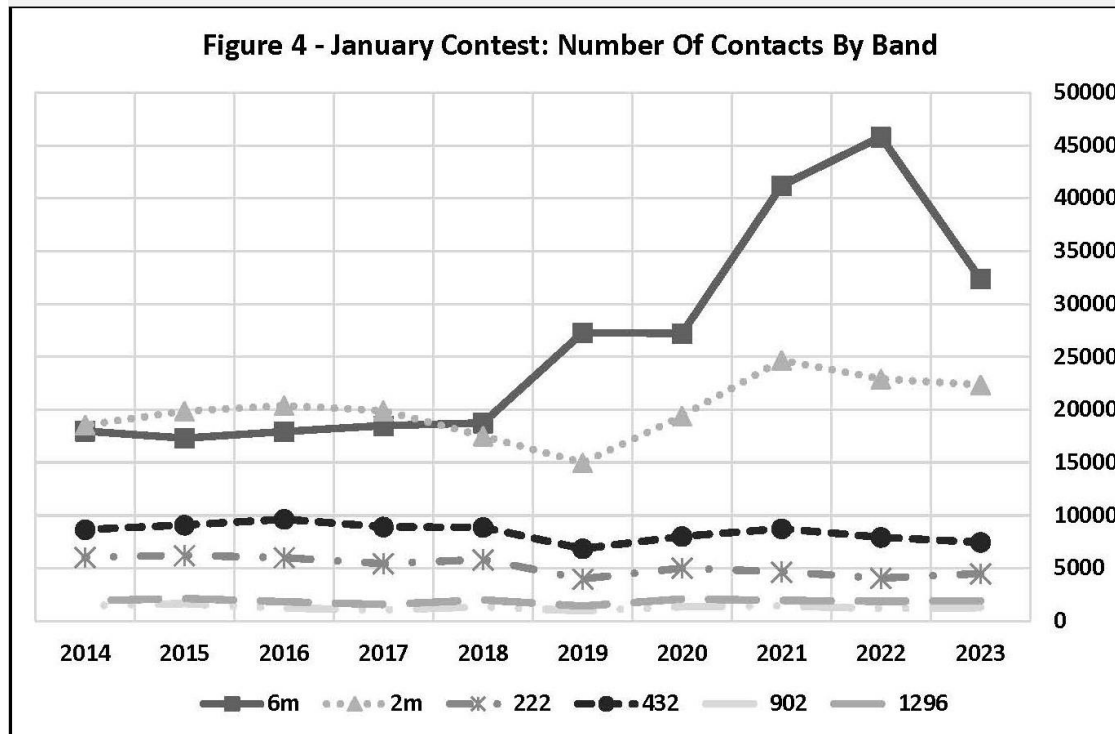


Beginning 4 years before FTx (2017) and five years after



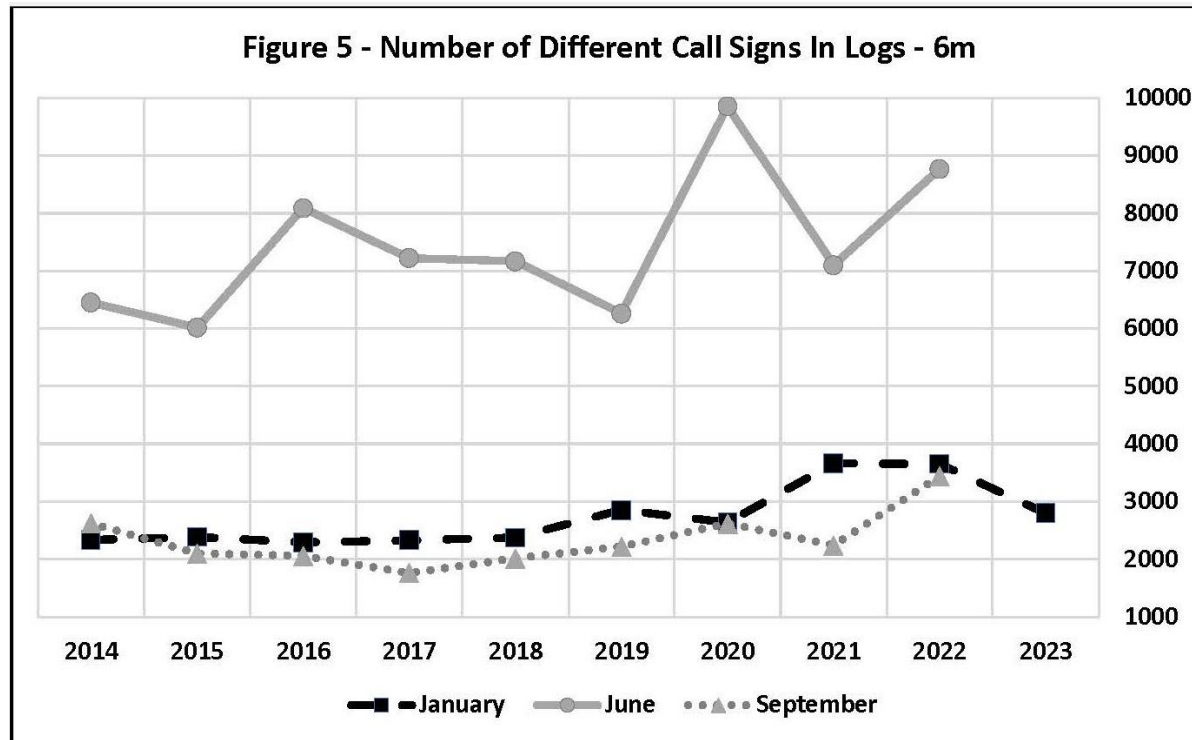
# January Contest

## Number of Contacts by Band



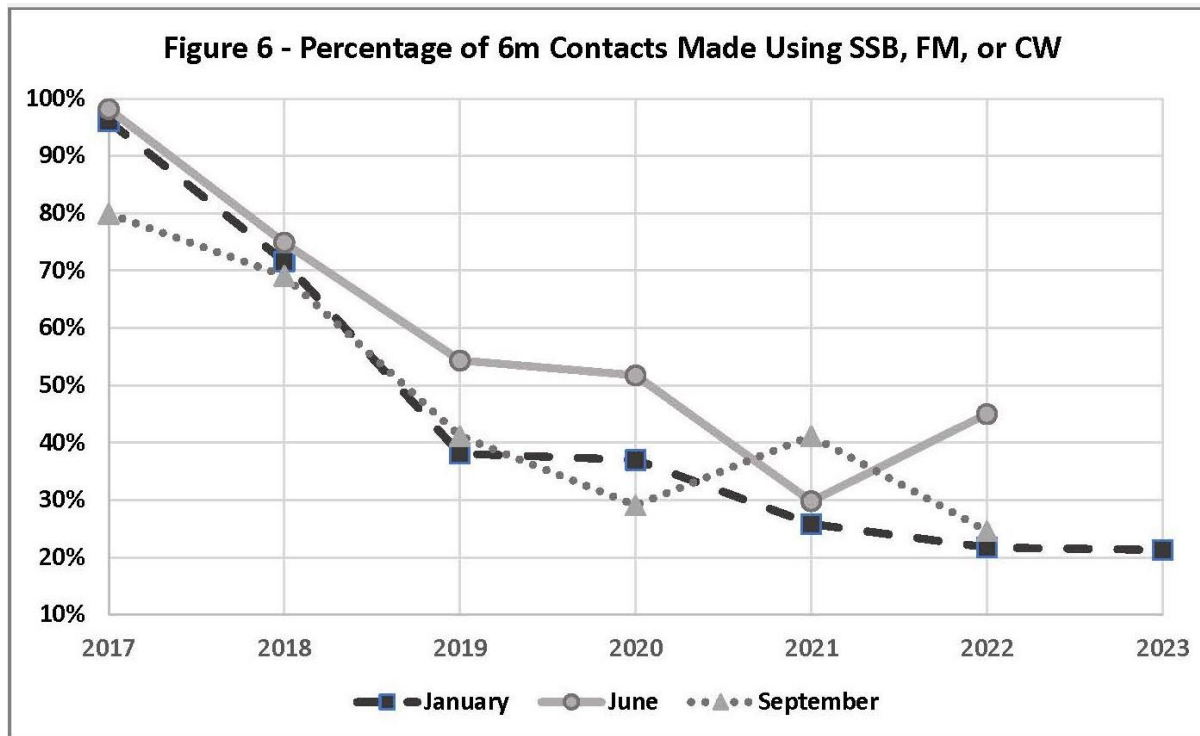
Beginning 4 years before FTX (2017) and five years after

# Number of Unique Callsigns in Logs – 6 meters



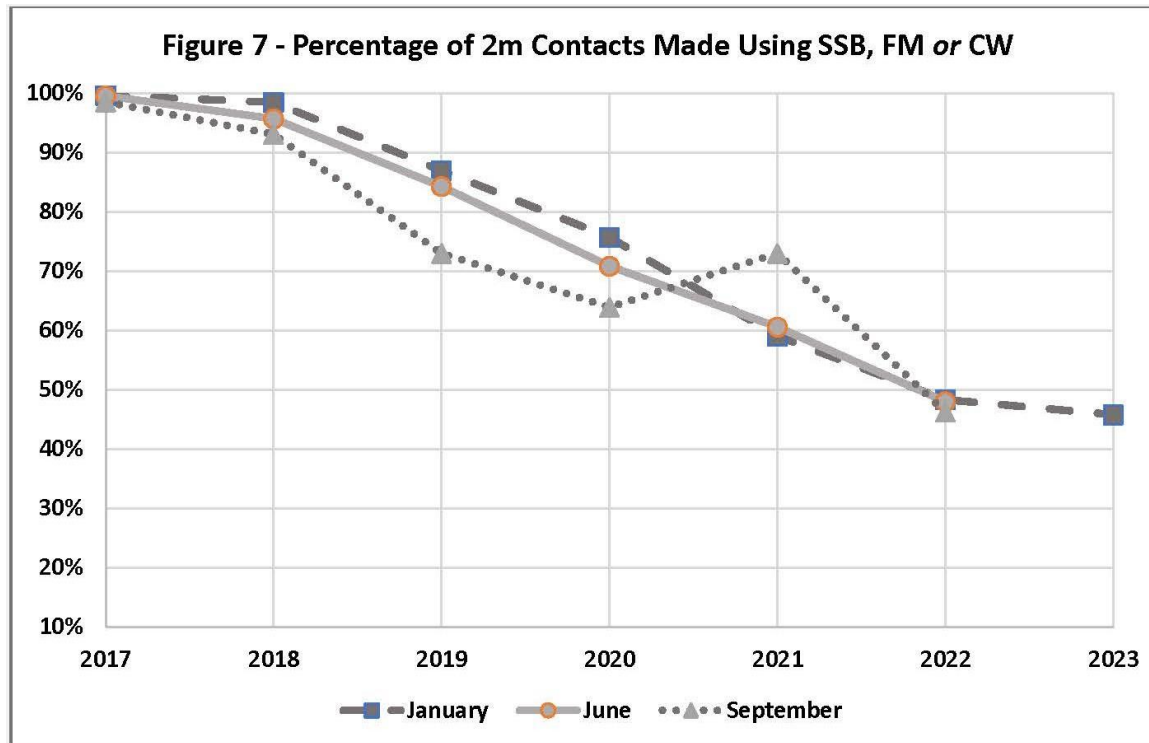
Beginning 4 years before FTX (2017) and five years after

# Percentage of 6 meter Contacts Using SSB, CW, FM



Beginning 4 years before FTx (2017) and five  
years after

# Percentage of 2 meter Contacts Using SSB, CW, FM

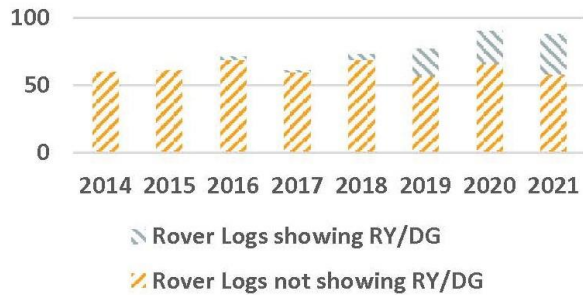


Beginning 4 years before FTx (2017) and five years after

# Rover Logs



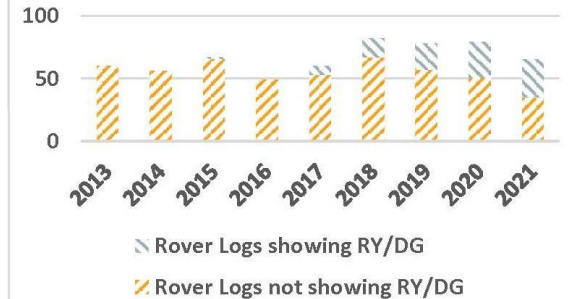
### January Rover Logs



### June Rover Logs



### September Rovers Logs



RY/DG = Digital QSO's



# Summary

- Number of submitted logs is increasing
- Total QSO's on 6 & 2 Meters has increased
- Total QSO's on 222 MHz has decreased
- Total QSO's on all other bands is flat
- Total submitted logs has increased
- Total rover logs has increased
  - In recent contests about 40% of rovers use digital

# Summary



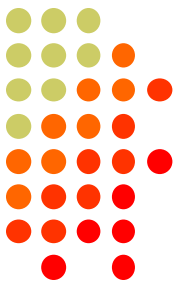
- There has been an increase in the number of unique callsigns logged
  - Exception: 3456 MHz, 5760 MHz, and 10 GHz
- In recent years 70% of 6 meter contacts and about 40% of 2 meter contacts are digital
- Fewer than 10% of all 222 MHz and 432 MHz contacts were made using digital
  - Trend is increasing though

# Summary



- CAC VHF+ Subcommittee continues to review participation
- Reviewing how new “analog” single op categories are performing





# Discussion

Or

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