


ORLANDO HamCation®



Sponsored by: Orlando Amateur Radio Club

73rd Annual Orlando HamCation (started in 1945)
ARRL Southeastern Division Convention
Central Florida Fairgrounds
Orlando, Florida
February 8, 9, 10, 2019



What are the
four largest
annual ham
gatherings
worldwide?

1. **JARL Tokyo Ham Fair
(39,000 in 2018)**
2. **Dayton Hamvention
(28,417 in 2018)**
3. **Orlando HamCation
(23,000 est in 2019)**
4. **Ham Radio,
Friedrichshafen,
Germany (15,460 in
2018)**

Not just the Southeast



Why Attend?

- Orlando in February, what's not to love?

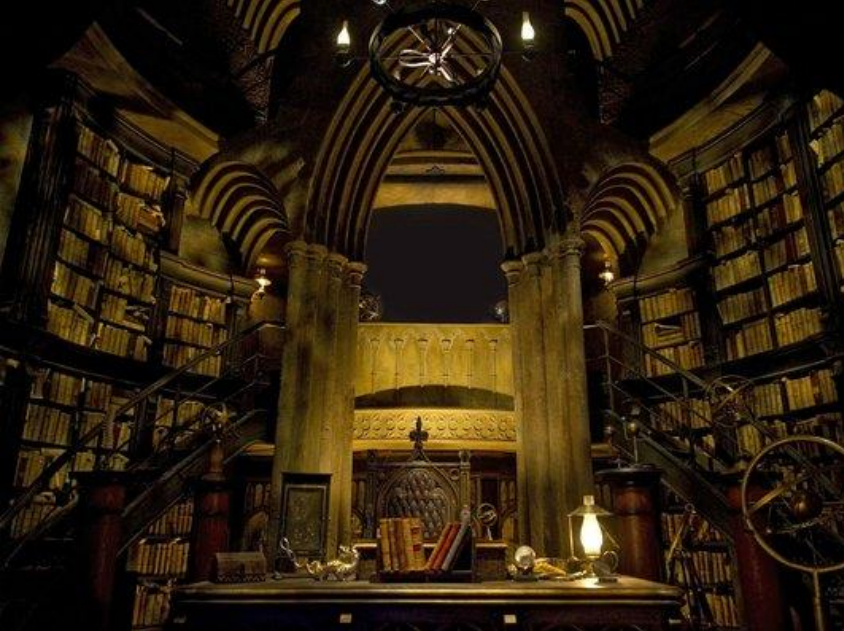


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- Cheap flights from TYS (\$80) or short (9 hour) car ride to haul all your loot home

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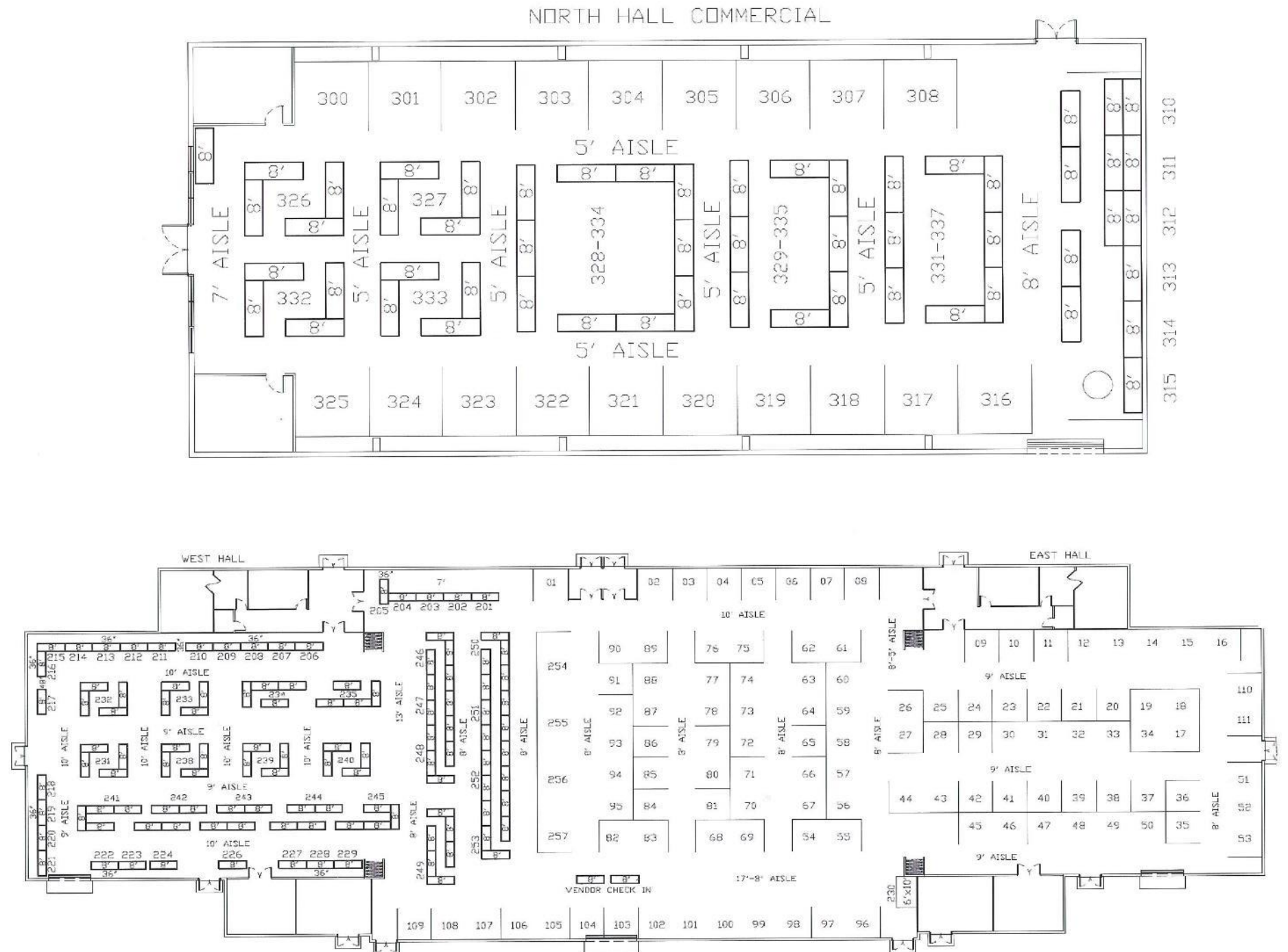


Opportunities to lighten your wallet

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89 Vendors in
three main
buildings



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- **Plenty of parking; easy access; expansive site**

Central Florida Fairgrounds



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- Large Forums
 - 3 Clearspan tents each with a capacity of 150 people, air conditioned
 - 37 Forums on large variety of topics over Friday and Saturday



Orlando HamCation Forums for Friday, February 8, 2019

Forum	Speaker or Contact	Call	Location	Time	Seating Capacity
Lakeside Pavilion					
The 180 Year History of Telegraph Keys and their Current Values	Tom Perera	W1TP	CS I	10:00 – 11:00 AM	150
Flex Radio - Software Defined Radio	Steve Hicks	N5AC	CS I	11:15 – 12:15 PM	150
Kit Building Techniques For Success	Joe Eisenberg	K0NEB	CS I	12:30 – 1:30 PM	150
GORDON WEST TROPOSPHERIC DUCTING demos!	Gordon (Gordo) West	WB6NOA	CS I	1:45 – 2:45 PM	150
FCG Contest Forum	Dennis Egan	W1UE	CS I	3:00 – 4:00 PM	150
Lakeside Pavilion					
TAPR - Introduction to HamSCI and the Space Weather Station Project	Scott "Scotty" Cowling	WA2DFI	CS II	10:00 – 11:00 AM	150
TAPR - How can we collaborate internationally on the development of satellites and space systems when the US Government considers them "munitions"?	Bruce Perens	K6BP	CS II	11:15 – 12:15 PM	150
TAPR - Phase 4 Ground - Ambitious Open Source Space Communications Initiative!	Michelle Thompson	W5NYV	CS II	12:30 – 1:30 PM	150
TAPR - Digital Hi-Def Television for the Radio Amateur	Mel Whitten	K0PFX	CS II	1:45 – 2:45 PM	150
TAPR - Amazing advances in Amateur digital voice	Bruce Perens	K6BP	CS II	3:00 – 4:00 PM	150
Lakeside Pavilion					
The Digital Dilemma - D-STAR, DMR or Fusion?	Jim Keeley	W1JJK	CS III	10:00 – 11:00 AM	150
Yaesu Fusion & WiRES-X	John Kruk	N9UPC	CS III	11:15 – 12:15 PM	150
D-STAR - Tips, News And The Latest Devices	John Davis	WB4QDX	CS III	12:30 – 1:30 PM	150
The K3LR Mega Multi Operator Station Story	Tim Duffy	K3LR	CS III	1:45 – 2:45 PM	150
SARnet	Brian Kopp	KC5LPA	CS III	3:00 – 4:00 PM	150
Lakeside Pavilion					
Advanced Tools for Tornado & Weather Alerting	Mickey Lee		Block Room	12:30 - 1:30 PM	25
My 50 States QSL Quilt	Margie Spangenberg	KK4AGN	Block Room	1:45 – 2:45 PM	25

Orlando HamCation Forums for Saturday, February 9, 2019

Forum	Speaker or Contact	Call	Location	Time	Seating Capacity
Lakeside Pavilion					
Youth Forum	Carole Perry	WB2MGP	CS I	10:00 – 11:00 AM	150
ARRL - Southeast and North Florida Section	Greg Sarratt	W4OZK	CS I	11:15 – 12:15 PM	150
West Mountain Radio - Operate your station remotely using the Internet	Sholto Fisher	K7TMG	CS I	12:30 – 1:30 PM	150
The latest updates and an overview of Hamvention 19 - HV19	Jack Gerbs	WB8SCI	CS I	1:45 – 2:45 PM	150
Inside ENIGMA: Breaking the Secret Enigma Codes	Tom Perera	W1TP	CS I	3:00 – 4:00 PM	150
Lakeside Pavilion					
Elecraft - Building a Modern 1500 Solid State Amp, or "How We Shrunk the Linear!"	Eric Swartz	WA6HHQ	CS II	10:00 – 11:00 AM	150
Yaesu HF Product Line - Practical Applications of HF Radio	John Kruk	N9UPC	CS II	11:15 – 12:15 PM	150
Flex Radio - Benefits for Contesters, Rag Chewers and DXers of SDR	Steve Hicks	N5AC	CS II	12:30 – 1:30 PM	150
Parks On The Air	Julie Martin	K8VOX	CS II	1:45 – 2:45 PM	150
Software Defined Radio	Steve Brightman		CS II	3:00 – 4:00 PM	150
Lakeside Pavilion					
You Fixed Your Transmitter Audio EQ, What About Your Receiver?	Bob Heil	K9EID	CS III	10:00 – 11:00 AM	150
Joint Service MARS: The Hobby Becomes a Mission	Pat Johnson	KJ4AVE	CS III	11:15 – 12:15 PM	150
AMSAT	AMSAT Team		CS III	12:30 – 1:30 PM	150
Florida Weak Signal Society	Walter Dail	K4HV	CS III	1:45 – 2:45 PM	150
Successful Homebrewing & the Joy of Oscillation	Walter Legan	KA4KXX	CS III	3:00 – 4:30 PM	150
Lakeside Pavilion					
RF Semiconductors For Radio Communications	Ray Baker	K9RY	Block Room	10:00 – 11:00 AM	25
QCWA	Ken Oelke	VE6AFO	Block Room	11:15 – 12:15 PM	25
How to Hammer your Next Ham Exam (or just get smarter faster)	Michael Burnette	AF7KB	Block Room	12:30 - 1:30 PM	25
East Coast IRLP Reflector 9050	Dick Laing	WB2JPQ	Block Room	1:45 – 2:45 PM	25
ARRL Collegiate Amateur Radio Initiative	Andy Milluzzi	KK4LWR	Block Room	3:00 – 4:00 PM	25

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 - 37 Forums on large variety of topics over Friday and Saturday
- **Indoor and outdoor flea markets**

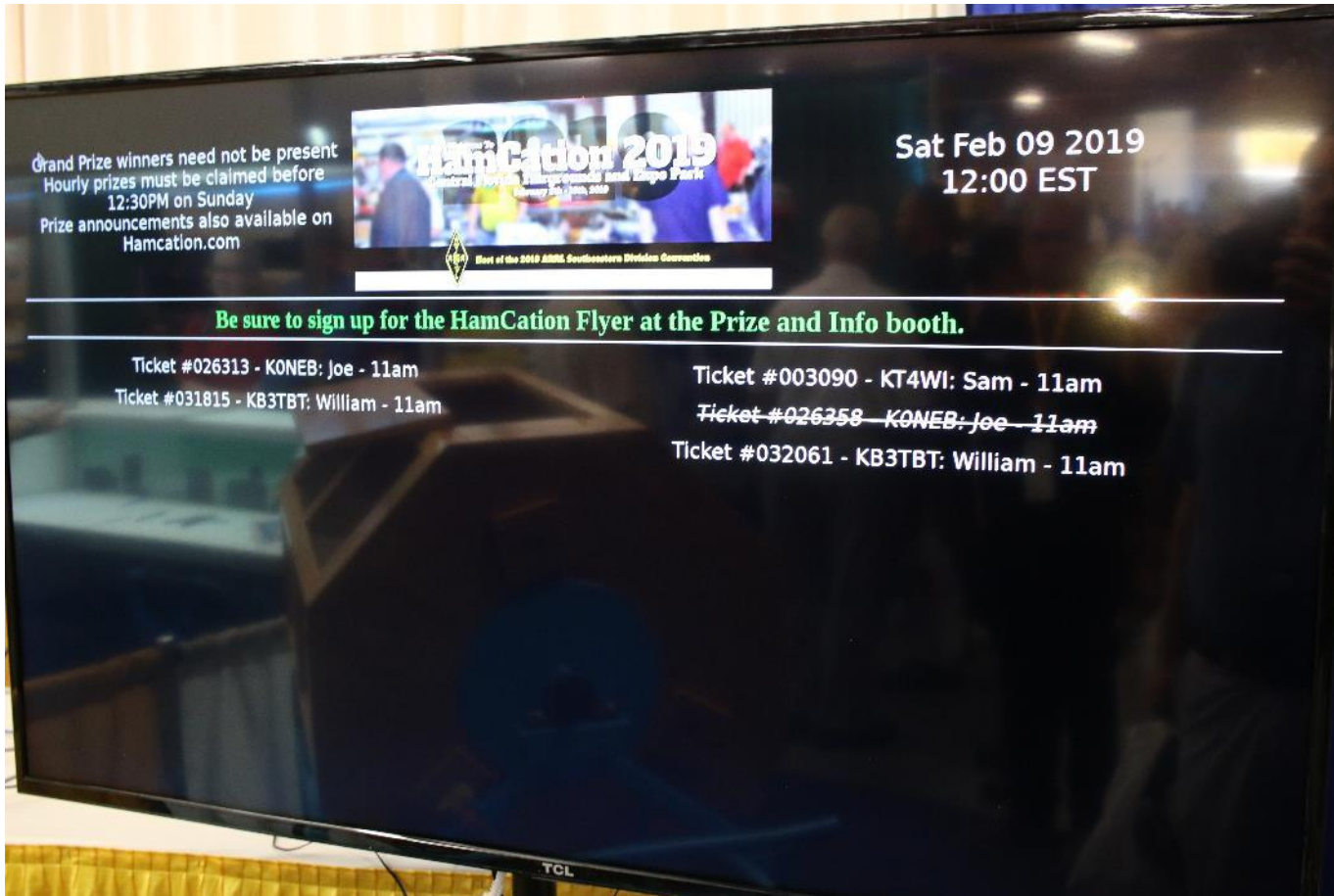




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\$25,000 Worth of Door Prizes



Hourly Prize List

**Yaesu FT2 DR
Zum Spot with case
Alinco DJ-G7T
Kenwood TS-480 SAT
Yaesu FT-891
Powerpole Bag
Alinco DX-SR8T
Yaesu FTM-400
Zum Spot with case
Alinco DM-430T
Daiwa SS-330W**

**Icom ID-51A Plus2
Icom IC-7200
Alinco DJ-500T
Yaesu FT-857D
Zum Spot with case
Yaesu FT-450D
Daiwa SS-330W
Icom ID-5100
Comet CAA-500 Mark II
Powerpole Bag
Yaesu FT-60**

**Icom ID-31A Plus
Alinco MD5TGP
Kenwood D-710
Yaesu FT-818
Icom IC-7100
Zum Spot with case
Yaesu FT-70DR
Zum Spot with case
Icom IC-718
Kenwood TH-D72A
Alinco DM-430T**

Grand Prize List



ICOM IC-7300



YAESU FTDX-1200



KENWOOD TS-890s

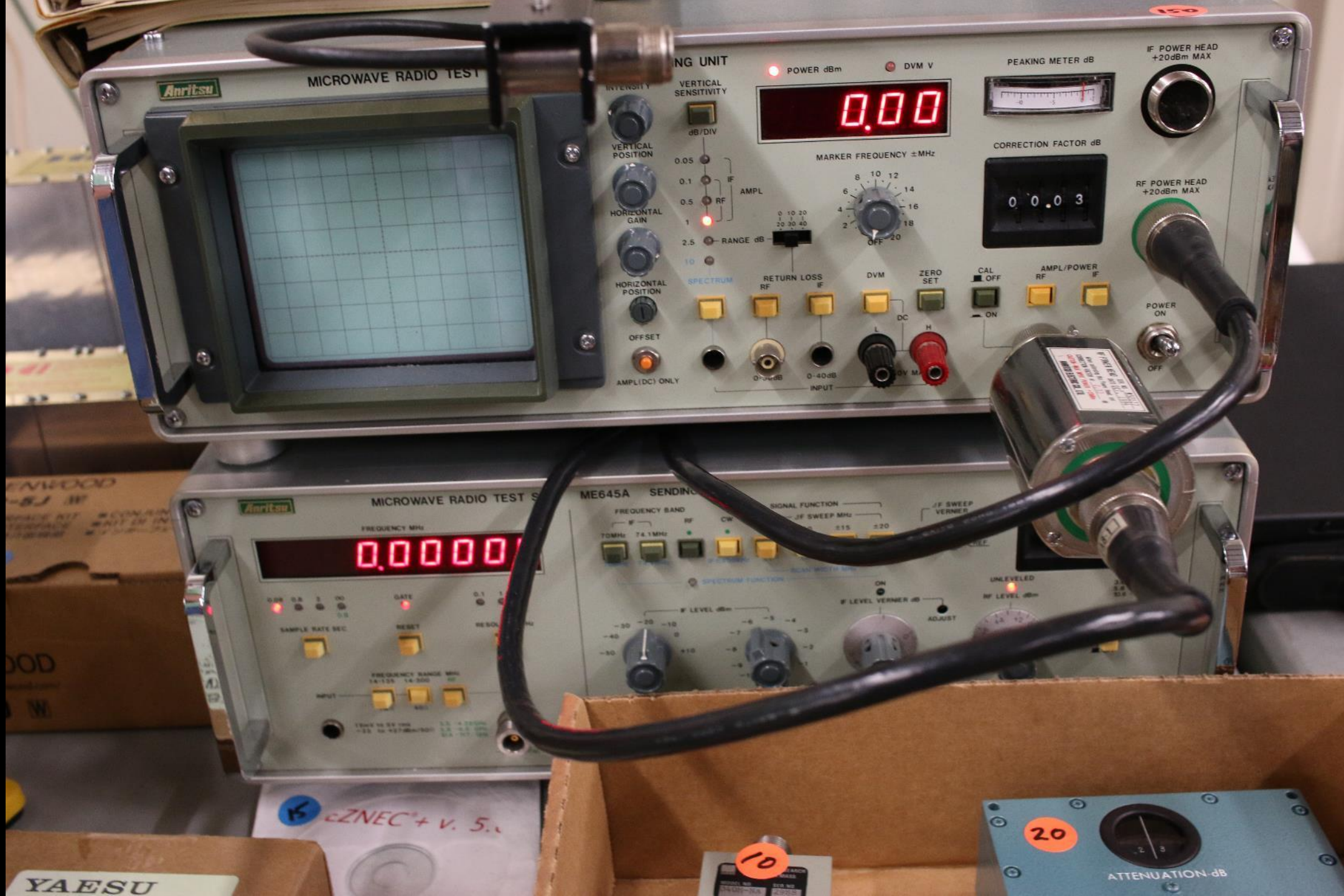
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- **Unique displays**

EnigmaMuseum.com

All Things Enigma



Online Museum, Sales, Restoration

ENIGMA
Cipher Machines



EnigmaMuseum.com



EnigmaMuseum.com



EnigmaMuseum.com

On-line Museum / Sales / Restoration

W1TP.com
TELEGRAPH MUSEUM

ENIGMA
Cipher Machines

Original German WWII
ENIGMA
Cipher Machines
The original German WWII Enigma cipher machines were used by the German military to encrypt and decrypt messages. These machines were a key part of the German military's communication system during the war. The Enigma Museum is dedicated to preserving and restoring these machines, and to educating the public about their history and significance.

ENIGMAS IN ACTION!



ENIGMAS IN ACTION!

ENIGMA
EnigmaMuseum.com
All Things Enigma

ENIGMA
Cipher Machines
www.EnigmaMuseum.com



ENIGMAS DESTROYED
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W1TP.com
TELEGRAPH MUSEUM

TELEGRAPH
REFERENCE CD-ROM

Gorrell's Sea Hunter
1918 - 1919
120 Foot depth sailing
Vessel in water
Used only once
Listed in 1918
Gorrell's price \$450



EnigmaMuseum.com

EnigmaMuseum.com

Renaissance Robotics presents...

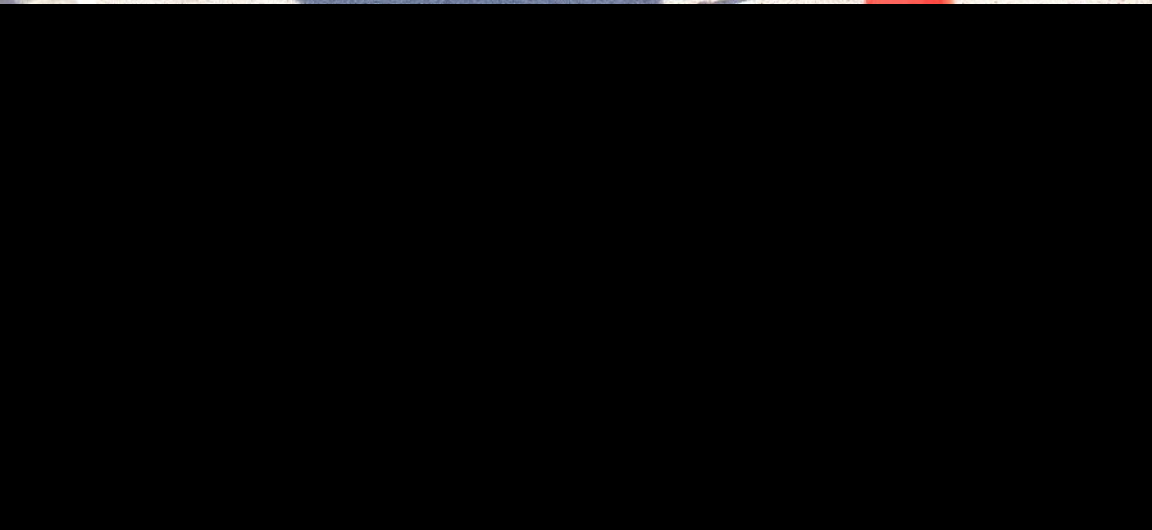
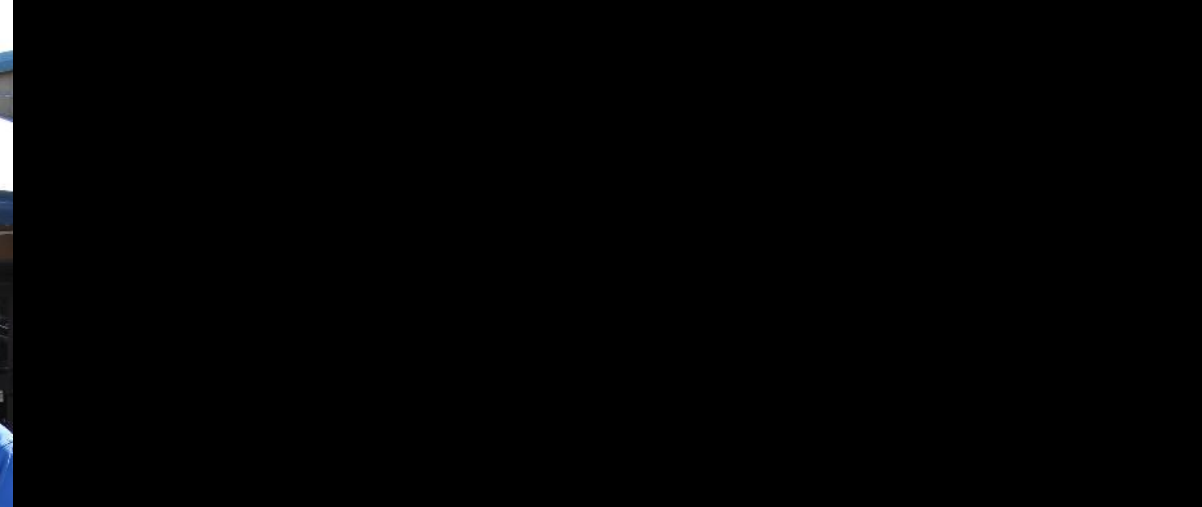
JOUST-BOTS



Are you a Jouster or a Jester?

WWW.TEAM5937.COM





350-
w/ Sounder



Telegraph being loaned to the
Florida Chapter of the
Morse Telegraph Club
(1890-1917)
These devices were used in large telegraph offices,
railroad offices, and industrial settings where space was
at a premium. The cost of the telegraph was
arranged so that the user could pay the cost of the
device in their own and also to have a set of the
device in their own office.
The device is fully functional. The wiring was
rearranged to be used in a set of the device.
The device was used in the 1890s, a
time when the telegraph was still in use.
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PLEASE...
DO NOT TOUCH

Dots & Dashes

WRECK OF THE OLD '97



**MORSE
TELEGRAPH CLUB**

FLORIDA CHAPTER (EX)

Dots & Dashes

WRECK OF THE OLD '97







Major Vendor Displays

Icom



Major Vendor Displays

Yaesu

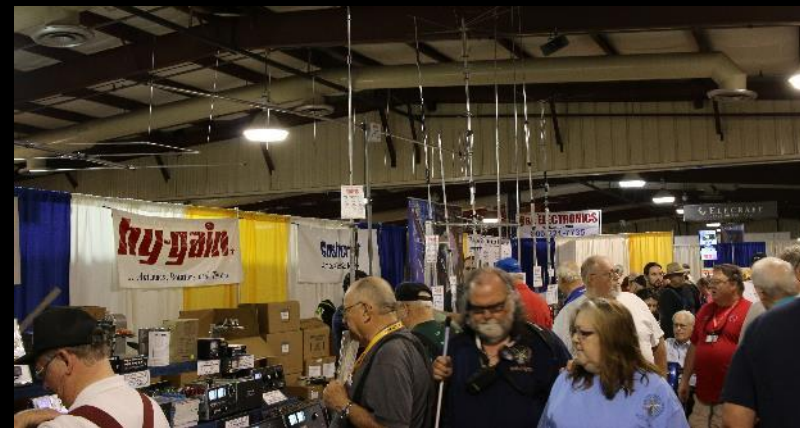
Major Vendor Displays

Kenwood





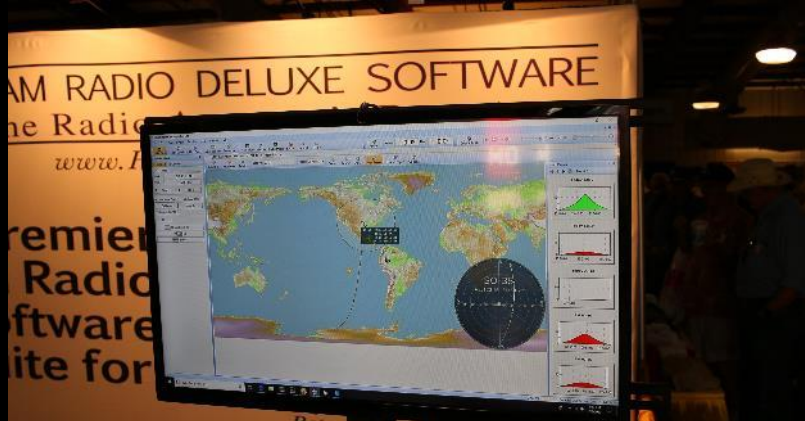
Major Vendor Display Flex Radio



Other Notable Vendors



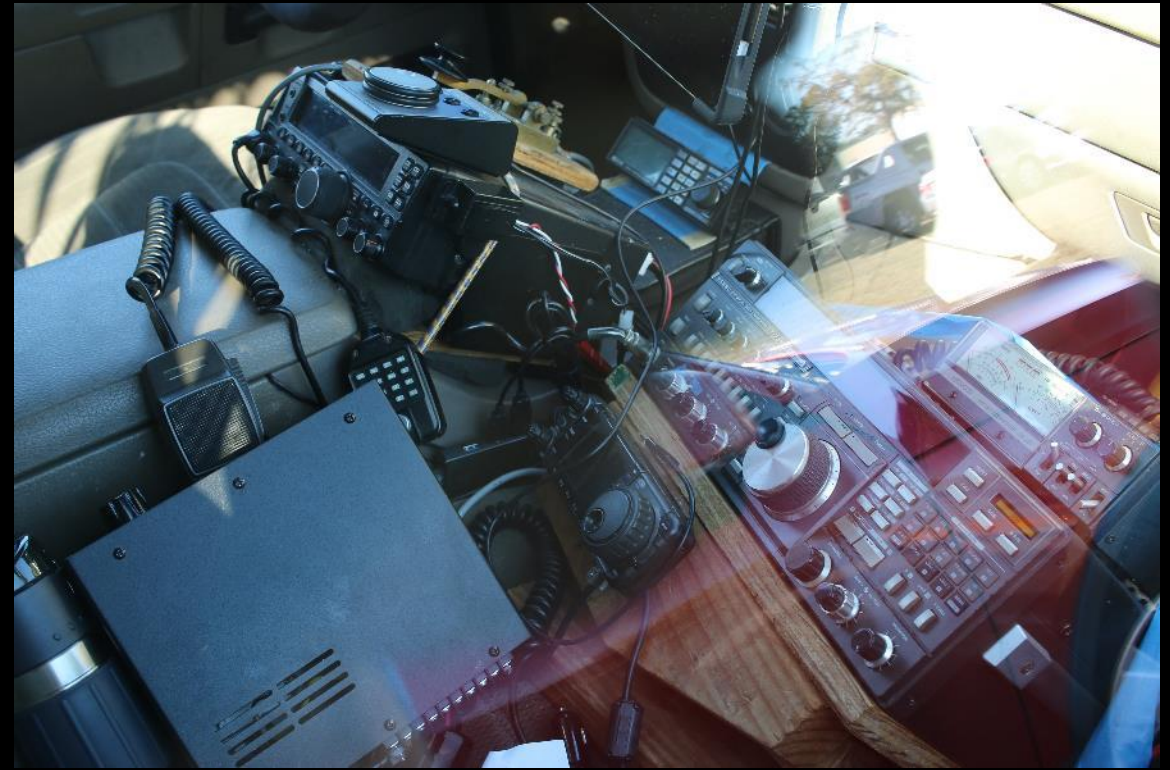
Other Notable Vendors



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Other Notable Vendors



Meanwhile, back in the parking lot...





WK1DS Satellite Demo

Grace Lea, KM4TXT

Grace received her Tech license at age 8

Made General at age 9

Made Extra on February 10th at age 11

The Lea Family

- James (Dad) WX4TV – Extra
- Michelle (Mom) N8ZQZ – General
- Zechariah WX4TVJ – Extra
- Faith Hannah AE4FX – Extra
- Hope KM4IPF – Extra
- Grace KM4TXT – Extra – passed her exam at HamCation on February 10th!!



HamCation 2020

February 7-9, 2020

Central Florida Fairgrounds, Orlando, FL

www.hamcation.org



In Memory of
K1KU
Darrel Daley, SK
Dec 16, 2018
